
Cornell Local Roads Program

Town of Farmington Highway Department

2018 Report

**TOWN OF
FARMINGTON**



Report Completed by Corey Hurley, Summer Intern

Rochester Institute of Technology, Class of 2020

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Executive Summary

The objective of the Cornell Local Roads Program is to utilize the data collected from the field and implemented in the Cornell Asset Management Program – Roads & Streets (CAMP-RS) software to determine the condition and recommend the ideal repair for each road section. Based on the repair type and size of the road, a cost is calculated. The combined costs for all the repairs are used to develop a realistic five year budget plan.

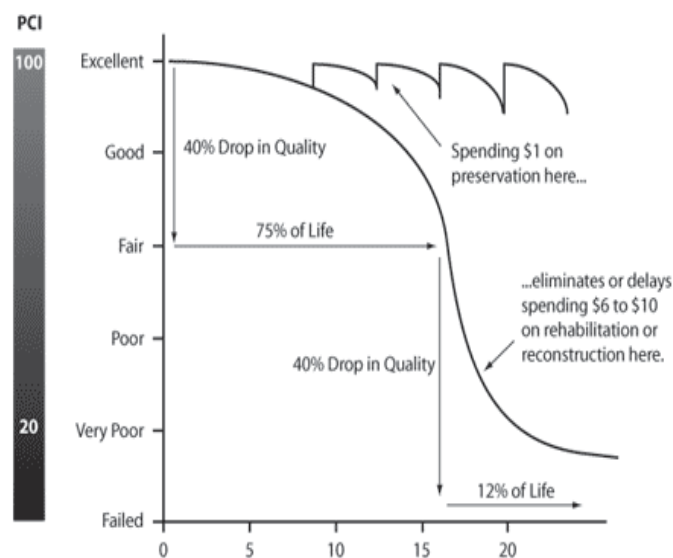


Figure 1. Pavement Deterioration/Rehabilitation Relationship

The Cornell Local Roads Program and its software place an emphasis on “keeping the good roads good.” Often times municipalities focus on fixing their worst roads first. This takes rehabilitation or total reconstruction of the roadway which costs anywhere from 6 to 10 times more than preventative and corrective maintenance (**Figure 1**). In the first 75 percent of a pavement’s life, its performance level only drops from excellent to fair. In the next 12 percent of its life, the pavement starts to deteriorate more rapidly and its condition drops to very poor.

Focusing on the roads in good condition first extends the lifetime of the road drastically. The CAMP – RS software is programmed to input the repairs for the roads that score higher first in the 5 year plan, followed by the roads with the lowest score that require rehabilitation and reconstruction. After the roads are rebuilt, the objective is to maintain them periodically so they do not have to be rebuilt again any time in the near future.

Project Parameters

The Town of Farmington Highway Department hired Corey Hurley as their summer intern to participate in the Cornell Local Roads Program for the summer of 2018. Corey was sent to Cornell University for 3 days at the end of May where he was instructed on pavement structure and materials, road failure types and causes, the different repair options, how to utilize the CAMP-RS software, cost determination of repair alternatives, and the field condition rating process for different pavement surfaces. Corey was joined by Paul Crandall, the Safety Officer for the Farmington Highway Department, for the final 2 days of training. Paul acted as Corey's supervisor for the remainder of the project.

To update the data from the previous report in 2014 and to ensure accuracy all road lengths and widths were measured prior to the condition survey. The total length of roads the Town of Farmington Highway Department is responsible for was measured out to 91.207 miles which is an increase from 90.63 highway miles in 2017.

Upon the completion of measuring the roadways, the field condition surveys began. The 91.207 miles of roads were broken up into 208 sections. There are nearly 190 roads in Farmington, but some were separated further based on major intersections and road width changes.

Each road section was inspected for longitudinal/transverse cracking, alligator cracking, edge cracking, patching/potholes, rutting, bleeding, drainage, and roughness (the condition

survey sheet can be found in **Appendix A**). Patching/potholes were rated based on extent while bleeding, drainage, and roughness were rated based on severity. The remaining defects were rated based on severity and extent. An example of a condition survey for one of the road sections can be found in **Appendix B**. While the roads were inspected, the shoulder type, traffic volume, and road importance were documented to keep an inventory of all the roads and their sections (**Appendix C** shows the inventory forms used).

Based on the results from the condition survey, a pavement condition index (PCI) was calculated in the CAMP-RS software for every section surveyed. The PCI ranges from 0 to 94. If a roadway scores a PCI of 94 it is considered in perfect condition with no repairs necessary at that given time. The average PCI from the 2018 survey was 88 which is an improvement from the 2014 average of 85. The PCI is used as an indicator for the recommended repair for the road (see **Appendix L** for the PCI index map). The defects present in each section are what determine the repair category. The 8 different repair categories are reconstruction, rehab, overlay, drainage work, surface treatment, patching, crack repairs, and deferred maintenance (see **Appendix D** for the repair category form).

All of the repair categories have their own priority value which is applied to the priority value equation in the decision trees (see **Appendix M** for the priority value equation). The decision trees contain the repair category, importance, traffic, PCI, drainage, and roughness (see **Appendix E** for the decision trees setup and explanation). The values of the decision trees can be adjusted so some properties are weighted more heavily than others. For this survey, it was deemed adequate for all the decision trees to be weighted evenly. The priority value calculated for each road section is what determines when the repairs should be made. The higher the priority value, the earlier the repair is recommended to be made. The CAMP-RS software creates a 5-year budget report that displays the year each repair for every section should be performed.

After the condition survey is complete, the CAMP-RS software issues a repair category. In order for the cost to be calculated, a repair needs to be applied to each section. The CAMP-RS software is equipped with a list of repairs that each have a unit cost per linear or square

foot, depending on the application, for every repair category. To ensure only repairs performed in Farmington were selected, a list of repairs made by the Town of Farmington Highway Department as well as those that are contracted out was created by Don Giroux, the Highway Superintendent for the Town of Farmington (see **Appendix F** for the repairs list).

Some of the repairs performed on the list were already included in the CAMP –RS software with a unit cost. The price for each repair varies throughout the state and by year, so the unit cost for all repairs was re-calculated (see **Appendix I** for the future asphalt price prediction). This required the use of a spreadsheet provided by the Cornell Local Roads Program. The labor, materials, and equipment costs for the length or area completed per day for each type of repair was accounted for in this calculation. An example of the repair unit cost calculation for a single chip seal is provided in **Appendix G**.

After a unit cost is determined for each repair type, the total repair cost for each section can be calculated when a repair is applied in the CAMP-RS software. The unit cost is multiplied by either the section area or length (depending on the repair). The software recommends a list of different repairs based on the repair category the road section falls under due to the defects noted in the condition survey.

Every year, the Farmington Highway Department plans for:

- 9 miles of chip sealing
- 2 miles of fiber mat/cape sealing
- 3,000 gallons of crack sealing

The road sections with these recommended repairs along with all the other repair types are listed in **Appendix H**.

The total combined cost for all the repairs accounted for in the CAMP-RS software equals out to \$3,026,885. With a 2% increase applied per year to compensate for inflation and equipment, labor, and material price fluctuations, the average total road repair cost per year over the next 5 years comes out to \$630,000. Based on the section 284 of the highway law for the Town of Farmington for the 2018 fiscal year, \$443,835.61 was set aside for the permanent

improvements of Town highways, \$112,198.06 was dedicated for the approximate 9 miles of chip sealing, and \$40,707.81 was budgeted for the 3,000 gallons of crack sealing. The total sum of the 3 equals out to \$596,741.48. Based on the repair costs formulated through the CAMP-RS software, year 1 of the 5 year budget plan would require \$605,377 for Town highway permanent improvements, chip sealing, and crack sealing. This is a 1.45% increase from the 2018 to 2019 fiscal year. With a 2% increase per year thereafter, the costs for the remaining years of the 5 year budget can be found below in **Table 1**.

Budget Year	Amount Required (\$)
1	605,377
2	617,485
3	629,834
4	642,430
5	655,280
Total (\$)	3,150,406

Table 1. The projected 5 year budget plan from 2019-2023 for permanent improvements, chip sealing, and crack sealing for the Town of Farmington.

Conclusion

The Cornell Local Roads Program and CAMP have proven to be an important tool in planning and budgeting for future road maintenance and construction projects in the Town of Farmington. This was the second time the Farmington Highway Department conducted a report on their roads in the past 5 years. The initial report was completed by summer intern, Joshua Ren, in 2014, followed by this report prepared and written by summer intern, Corey Hurley, in 2018. From 2014 to 2018 there has been an overall improvement in the condition of the roads

maintained by the Farmington Highway Department. This trend is expected to continue as long as the repairs generated by the CAMP-RS software and summer intern are completed. It is essential for the proposed budget amounts to be provided so the repairs can be performed properly. Roads repaired at the appropriate time increase the longevity of the road and can save 6 to 10 times the money in the future. Each report constructs 5 year maintenance and budget plans, so it is recommended the Farmington Highway Department continues to hire a summer intern to update the road conditions and repairs at a maximum of every 5 years.

Road Inventory Data

Town of Farmington Highway Mileage*

*As of 7/3/2018

1

All measurements made by Corey Hurley

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Alfalfa Crescent	Meadowbrook LA	Meadowbrook LA	0	0.025	0.025	24	2	Asphalt	Gutters - Concrete
Allen-Padgham RD - 1	Wayne County Line	Bowerman RD	0	0.393	0.393	30	2	Asphalt	Paved - Asphalt
Allen-Padgham RD - 2	Bowerman RD	Hook RD	0	1.099	1.099	32	2	Asphalt	Paved - Asphalt
Allen-Padgham RD - 3	Hook RD	County RD 8	0	0.433	0.433	32	2	Asphalt	Paved - Asphalt
Amanda Place	Mulberry DR	Marcus Way	0	0.051	0.051	22	2	Asphalt	Gutters - Concrete
Amber DR	New Michigan RD	Clovertrail Dr	0	0.944	0.944	22	2	Asphalt	Gutters - Concrete
Antlers DR - 1	Mertensia RD	Doe Haven Dr	0	0.166	0.166	22	2	Asphalt	Gutters - Concrete
Antlers DR - 2	Doe Haven Dr	Doe Haven Dr	0.166	0.216	0.05	20	2	Asphalt	Gutters - Concrete
Barberry LA	Elder Dr	Heather LA	0	0.213	0.213	30	2	Asphalt	Vegetation
Barkwood Court-2	Hunter DR	Cul de Sac	0.058	0.11	0.052	24	2	Asphalt	Gutters - Concrete
Bean Pole CIR	Meadowbrook LA	Meadowbrook LA	0	0.184	0.184	24	2	Asphalt	Gutters - Concrete
Beaver Creek RD - 1	County RD 41	Race Track Entrance	0	0.5	0.5	26	2	Asphalt	Gravel
Beaver Creek RD - 2	Race Track Entrance	State RD 96	0.5	0.777	0.277	38	3	Asphalt	Gravel
Beechwood DR	Mt Ash DR	Walnut DR	0	0.211	0.211	22	2	Asphalt	Gutters - Concrete
Belmont DR	Hook RD	Cul de Sac	0	0.292	0.292	22	2	Asphalt	Gutters - Concrete
Birchwood DR	Mt Ash DR	Canandaigua Town Line	0	0.271	0.271	24	2	Asphalt	Gutters - Concrete
Bittersweet DR	Allen Padgham RD	Barberry La	0	0.28	0.28	30	2	Asphalt	Vegetation
Bonnie Brae CIR	Meadowbrook LA	Cul de Sac	0	0.128	0.128	26	2	Asphalt	Gutters - Concrete
Bowerman RD - 1	Brownsville RD	Allen Padgham RD	0	1.364	1.364	32	2	Asphalt	Paved - Asphalt
Bowerman RD - 2	Allen Padgham RD	Wayne County Line	1.364	1.794	0.43	28	2	Asphalt	Paved - Asphalt
Bridle Path LA	Hook RD	Belmont LA	0	0.083	0.083	22	2	Asphalt	Gutters - Concrete
Brownsville RD	Victor Town Line	Weigert RD	0	0.809	0.809	26	2	Asphalt	Gravel
Buckskin DR - 1	Deer Run	Barkwood Ct	0	0.295	0.295	20	2	Asphalt	None
Buckskin DR - 2	Barkwood Ct	Barkwood Ct	0.295	0.445	0.15	24	2	Asphalt	Gutters - Concrete
Calm Lake DR	County RD 41	Calm Lake DR	0	0.388	0.388	24	2	Asphalt	Gutters - Concrete
Carriage Court	Farmbrook DR	Farmbrook DR	0	0.21	0.21	20	2	Asphalt	Gutters - Concrete
Chelsea Place	Estate Dr	Cul de Sac	0	0.069	0.069	22	2	Asphalt	Gutters - Concrete
Chipmunk CIR	Stonefield LA	Cul de Sac	0	0.058	0.058	22	2	Asphalt	Gutters - Concrete
Church Ave	Aleen Padgham RD	Hook RD	0	0.168	0.168	22	2	Asphalt	Vegetation
Cline RD - 1	Brownsville RD	Gillis RD	0.922	1.034	0.112	26	2	Asphalt	Gravel
Cline RD - 2	Gillis RD	Victor Town Line	0	0.922	0.922	24	2	Asphalt	Gravel
Clover Meadow LA	State Route 332	Meadowbrook La	0	0.627	0.627	24	2	Asphalt	Gutters - Concrete
Clovertrail DR	Estate DR	Amber DR	0	0.369	0.369	22	2	Asphalt	Gutters - Concrete

Town of Farmington Highway Mileage*

2

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Coachlight CIR	Cranberry DR	Cranberry DR	0	0.345	0.345	21	2	Asphalt	Gutters - Concrete
Collett RD - 1	County RD 8	Payne RD	1.567	2.71	1.143	26	2	Asphalt	Gravel
Collett RD - 2	Payne RD	County RD 28	0	1.567	1.567	26	2	Asphalt	Gravel
Collett RD West - 1	Dead End	Mertensia RD	4.728	4.977	0.249	24	2	Asphalt	Gravel
Collett RD West - 2	Mertensia RD	State Route 332	4.522	4.728	0.206	28		Asphalt	Gravel
Collett RD West - 3	State Route 332	Hook RD	3.786	4.522	0.736	28	2	Asphalt	Gravel
Collett RD West - 4	Hook RD	County RD 8	2.71	3.786	1.076	26	2	Asphalt	Gravel
Colonie DR	King Hill DR	Dead End	0	0.212	0.212	24	2	Asphalt	Gutters - Concrete
Commercial DR N	Dead End	Collett RD	0	0.16	0.16	24	2	Asphalt	Gutters - Concrete
Commercial DR S	State Route 96	Hammerhead	0	0.305	0.305	22	2	Asphalt	Gutters - Concrete
Coral DR	Amber DR	Amber DR	0	0.369	0.369	22	2	Asphalt	Gutters - Concrete
Cornfield CIR	Flaxen DR	Cul de Sac	0	0.127	0.127	24	2	Asphalt	Gutters - Concrete
Corporate DR	State Route 332	Collett RD	0	0.372	0.372	30	2	Asphalt	Gutters - Concrete
Cranberry DR	Cul de Sac	Meadowbrook LA	0	0.265	0.265	21	2	Asphalt	Gutters - Concrete
Creek View TRL	Mertensia RD	Cul de Sac	0	0.181	0.181	24	2	Asphalt	Gutters - Concrete
Creek Pointe	Tudor Way	Hanover RD	0	0.405	0.405	24	2	Asphalt	Gutters - Concrete
Creekside DR	Cul de Sac	Pannell RD	0	0.176	0.176	20	2	Asphalt	Gutters - Concrete
Crowley RD	Hook RD	Brownsville RD	0	2.174	2.174	26	2	Asphalt	Gravel
Curran RD	Crowley RD	Hook RD	0	0.347	0.347	22	2	Asphalt	Gravel
Dalton DR	Cul de Sac	Meadowbrook La	0	0.594	0.594	20	2	Asphalt	Gutters - Concrete
Deer Run	Mertensia RD	Hunters Dr	0	0.04	0.04	20	2	Asphalt	Gutters - Concrete
Deerfield DR	Mertensia RD	Doe Haven Dr	0	0.219	0.219	22	2	Asphalt	Gutters - Concrete
Doe Haven DR	Mertensia RD	Buckskin DR	0	0.421	0.421	20	2	Asphalt	Gutters - Concrete
Ebony Court	Coral DR	Cul de Sac	0	0.054	0.054	22	2	Asphalt	Gutters - Concrete
Elder DR	Holly LA	Allen-Padgham RD	0	0.248	0.248	30	2	Asphalt	Vegetation
Elizabeth Way	State Route 96	Mertensia RD	0	0.377	0.377	22	2	Asphalt	Gutters - Concrete
Ellsworth RD	Fox RD	Turner RD	0	1.121	1.121	24	2	Asphalt	Gravel
Elmwood CIR	Birchwood DR	Mt Ash Dr	0	0.212	0.212	24	2	Asphalt	Gutters - Concrete
Emma LA - 1	County RD 41	Kris Crossing	0.093	0.326	0.233	22	2	Asphalt	Gutters - Concrete
Emma LA - 2	Kris Crossing	Cul de Sac	0	0.093	0.093	22	2	Asphalt	Gutters - Concrete
Estate DR	Canandaigua Town Line	CloverTRL DR	0	0.49	0.49	22	2	Asphalt	Gutters - Concrete
Fairdale Glen	State Route 96	Cul de Sac	0	0.258	0.258	22	2	Asphalt	Gutters - Concrete
Fallow LA	County RD 41	Hunters DR	0	0.113	0.113	24	2	Asphalt	Gutters - Concrete

Town of Farmington Highway Mileage*

3

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Farmbrook DR - 1	State Route 332	Carriage Court	0.08	0.236	0.156	40	2	Asphalt	Gutters - Concrete
Farmbrook DR - 2	Carriage Court	Meadowbrook LA	0	0.08	0.08	24	2	Asphalt	Gutters - Concrete
Farmington RD	Hook RD	Wayne County Line	0	0.343	0.343	26	2	Asphalt	Gravel
Fawn Meadow	Mertensia RD	Cul de Sac	0	0.384	0.384	24	2	Asphalt	Gutters - Concrete
Flaxen DR	Clover Meadow LA	Bonnie Brae CIR	0	0.284	0.284	24	2	Asphalt	Gutters - Concrete
Fox RD - 1	Sheldon RD	Rausler RD	0	0.664	0.664	27	2	Asphalt	Gravel
Fox RD - 2	Rausler RD	County RD 28	0.664	1.844	1.18	25	2	Asphalt	Gravel
Fox RD - 3	County RD 28	Ellsworth RD	1.844	2.156	0.312	25	2	Asphalt	Gravel
Fox RD - 4	Ellsworth RD	Yellow Mills RD	2.156	2.854	0.698	24	2	Asphalt	Gravel
Fox RD - 5	Yellow Mills RD	Manchester Town Line	2.854	3.387	0.533	25	2	Asphalt	Gravel
Fraser Way	County RD 41	Cul de Sac	0	0.427	0.427	22	2	Asphalt	Gutters - Concrete
Galvin Court	Allen-Padgham RD	Cul de Sac	0	0.166	0.166	24	2	Asphalt	Gutters - Concrete
Gannett RD	Willis RD	Willis RD	0	0.78	0.78	32	2	Asphalt	Paved - Asphalt
Gateway DR	Plastermill RD	State RD 332	0	0.258	0.258	34	2	Asphalt	Paved - Asphalt
Glen Carlyn DR - 2	Pine Hill LA	Cul de Sac	0	0.292	0.292	20	2	Asphalt	Gutters - Concrete
Green RD	Bowerman RD	Hook RD	0	1.405	1.405	24	2	Asphalt	Gravel
Hanover RD	Creek Pointe	Tudor Way	0	0.31	0.31	22	2	Asphalt	Gutters - Concrete
Hathaway DR	County RD 41	Dead End	0	0.308	0.308	24	2	Asphalt	Gutters - Concrete
Hawthorne CIR	Cul de Sac	Mulberry DR	0	0.129	0.129	31	2	Asphalt	Vegetation
Hayride DR	Oatfield DR	Clover Meadow LA	0	0.245	0.245	24	2	Asphalt	Gutters - Concrete
Heather LA	Bittersweet DR	Allen Padgham RD	0	0.443	0.443	30	2	Asphalt	Vegetation
Herendeen RD - 1	County RD 28	Yellow Mills RD	1.281	2.58	1.299	24	2	Asphalt	Gravel
Herendeen RD - 2	Sheldon RD	County RD 28	0	1.281	1.281	28	2	Asphalt	Vegetation
Heritage CIR	Cranberry DR	Cranberry DR	0	0.21	0.21	20	2	Asphalt	Gutters - Concrete
Holland DR	Glen Carlyn Dr	Cul de Sac	0	0.22	0.22	22	2	Asphalt	Gutters - Concrete
Holly LA	Mulberry Dr	Barberry La	0	0.15	0.15	30	2	Asphalt	Paved - Asphalt
Holtz RD	County RD 8	Sheldon RD	0	0.546	0.546	28	2	Asphalt	Gravel
Honeysuckle LA	Heather LA	Allen-Padgham RD	0	0.154	0.154	30	2	Asphalt	Vegetation
Hook RD - 1	State Route 96	Collett RD West	0	0.753	0.753	26	2	Asphalt	Gravel
Hook RD - 2	Collett RD West	Curran RD	0.753	1.677	0.924	26	2	Asphalt	Gravel
Hook RD - 3	Curran RD	Allen-Padgham RD	1.677	4.068	2.391	26	2	Asphalt	Gravel
Hook RD - 4	Allen-Padgham RD	Macedon Town Line	4.068	4.462	0.394	28	2	Asphalt	Gravel
Huckleberry RD	Cul de Sac	Allen Padgham RD	0	0.255	0.255	30	2	Asphalt	Vegetation

Town of Farmington Highway Mileage*

4

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Hunters DR	Deer Run	Barkwood Court	0	0.416	0.416	24	2	Asphalt	Gutters - Concrete
Hunts Park RD	Gateway DR	Cul de Sac	0	0.424	0.424	32	2	Asphalt	Paved - Asphalt
Jenbrooke Court	Spartan DR	Cul de Sac	0	0.059	0.059	22	2	Asphalt	Gutters - Concrete
Jensen Court	King Hill Dr	Cul de Sac	0	0.16	0.16	22	2	Asphalt	Gutters - Concrete
King Hill DR	Hook RD	Cul de Sac	0	0.458	0.458	24	2	Asphalt	Gutters - Concrete
Kris Crossing	Emma LA	Fraser Way	0	0.122	0.122	22	2	Asphalt	Gutters - Concrete
Kyte RD	County RD 28	Manchester Town Line	0	1.613	1.613	32	2	Asphalt	Paved - Asphalt
Lake Run	Calm Lake Dr	Hathaway Dr	0	0.046	0.046	24	2	Asphalt	Gutters - Concrete
Lilly Brook Court	New Michigan RD	Cul de Sac	0	0.211	0.211	22	2	Asphalt	Gutters - Concrete
Limestone LA	Cul de Sac	Cul de Sac	0	0.108	0.108	24	2	Asphalt	Gutters - Concrete
Latting RD	Sand Hill RD	Manchester Town Line	0	0.994	0.994	24	2	Asphalt	Gravel
Loomis RD - 1	Hook RD	Plastermill RD	0	1.006	1.006	28	2	Asphalt	Gravel
Loomis RD - 2	Plastermill RD	State Route 332	1.006	1.099	0.093	22	2	Asphalt	Gravel
Maplewood DR	Canandaigua Town Line	Mt Ash Dr	0	0.275	0.275	24	2	Asphalt	Gutters - Concrete
Marcus Way	Cul de Sac	Cul de Sac	0	0.298	0.298	22	2	Asphalt	Gutters - Concrete
Martz RD	Hook RD	County RD 8	0	0.571	0.571	28	2	Asphalt	Gravel
Maxwell RD	Rausler RD	County RD 28	0	1.241	1.241	24	2	Asphalt	Gravel
Meadowbrook LA - 1	Bonnie Brae Cr	Clovermeadow La	0.316	0.705	0.389	24	2	Asphalt	Gutters - Concrete
Meadowbrook LA - 2	Clovermeadow La	Bean Pole Cr	0.225	0.316	0.091	24	2	Asphalt	Gutters - Concrete
Meadowbrook LA - 3	Bean Pole Cr	Hammerhead	0	0.225	0.225	24	2	Asphalt	Gutters - Concrete
Mecier Bouleva RD	State Route 332	Cul de Sac	0	0.227	0.227	22	2	Asphalt	Gutters - Concrete
Mertensia RD - 1	County RD 41	Fawn Meadow	0	0.1	0.1	32	2	Asphalt	Curb - Concrete
Mertensia RD - 3	State Route 96	Elizabeth Way	0	0.269	0.269	30	2	Asphalt	Paved - Asphalt
Mertensia RD - 4	Elizabeth Way	Collette RD	0.269	0.638	0.369	32	2	Asphalt	Paved - Asphalt
Mt Ash DR	Elmwood Dr	State Route 332	0	0.385	0.385	24	2	Asphalt	Gutters - Concrete
Mt Payne RD	Yellow Mills RD	Stafford RD	0	0.485	0.485	26	2	Asphalt	Gravel
Mulberry DR	Cul de Sac	Elder Dr	0	0.489	0.489	30	2	Asphalt	Vegetation
Nettle Creek LA	New Michigan RD	End	0	0.104	0.104	24	2	Asphalt	Gravel
New Michigan RD	Canandaigua Town Line	County RD 41	0	1.251	1.251	30	2	Asphalt	Paved - Asphalt
Oatfield DR	Hammerhead	Clovermeadow La	0	0.299	0.299	24	2	Asphalt	Gutters - Concrete
Old Mill RD	Pannell RD	Creekside Dr	0	0.143	0.143	20	2	Asphalt	Gutters - Concrete
Olde Park Square	Creek Pointe	Hanover RD	0	0.163	0.163	22	2	Asphalt	Gutters - Concrete
Omega DR	Spartan Dr	Hammerhead	0	0.046	0.046	22	2	Asphalt	Gutters - Concrete

Town of Farmington Highway Mileage*

5

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Onyx DR	Opal Dr	CloverTRL Dr	0	0.128	0.128	22	2	Asphalt	Gutters - Concrete
Opal DR	Spartan Dr	Jade Court	0	0.126	0.126	22	2	Asphalt	Gutters - Concrete
Pannell RD	Wayne County Line	Allen Padgham RD	0	0.41	0.41	28	2	Asphalt	Gravel
Payne RD - 1	Canandaigua Town Line	Shortsville RD	0	1.205	1.205	22	2	Asphalt	Gravel
Payne RD - 2	Shortsville RD	State Route 96	1.205	1.764	0.559	24	2	Asphalt	Gravel
Payne RD - 3	State Route 96	Collett RD	1.764	2.838	1.074	22	2	Asphalt	Gravel
Perez DR	Hathaway Dr	State Route 332	0	0.057	0.057	36	2	Asphalt	Paved - Asphalt
Pheasant Crossing	Mertensia RD	Mertensia RD	0	0.307	0.307	22	2	Asphalt	Gutters - Concrete
Pine Hill LA	Glen Carlyn Dr	Cul de Sac	0	0.113	0.113	20	2	Asphalt	Gutters - Concrete
Plaster Mill RD - 1	Loomis RD	Gateway DR	0	0.327	0.327	32	2	Asphalt	Paved - Asphalt
Rausler RD	Fox RD	Macedon Town Line	0	1.027	1.027	24	2	Asphalt	Gravel
Raymond AVE	Jensen Ct	Colonie Dr	0	0.109	0.109	22	2	Asphalt	Gutters - Concrete
Red Fern DR - 1	Meadowbrook La	Running Brook RD	0	0.262	0.262	20	2	Asphalt	Gutters - Concrete
Running Brook RD	Red Fern DR	Wood DR	0	0.33	0.33	24	2	Asphalt	Gutters - Concrete
Rushmore RD - 1	Sheldon RD	County RD 28	0	1.541	1.541	22	2	Asphalt	Gravel
Rushmore RD - 2	County RD 28	Yellow Mills RD	1.541	2.616	1.075	24	2	Asphalt	Gravel
Sand Hill RD - 1	Latting RD	Shortsville RD	0	0.681	0.681	26	2	Asphalt	Gravel
Sand Hill RD - 2	Shortsville RD	State Route 96	0.68	1.594	0.914	26	2	Asphalt	Paved - Asphalt
Scottsdale DR	Glen Carlyn Dr	Hammerhead	0	0.043	0.043	22	2	Asphalt	Gutters - Concrete
Sheldon RD - 1	County RD 8	Fox RD	0	0.748	0.748	28	2	Asphalt	Gravel
Sheldon RD - 2	Fox RD	Holtz RD	0.748	1.086	0.338	28	2	Asphalt	Gravel
Sheldon RD - 3	Holtz RD	Rushmore RD	1.038	1.693	0.655	30	2	Asphalt	Gravel
Sheldon RD - 4	Rushmore RD	Wisborn RD	0.419	1.038	0.619	28	2	Asphalt	Gravel
Sheldon RD - 5	Wisborn RD	Herendeen RD	0	0.419	0.419	28	2	Asphalt	Gravel
Squire LA	King Hill Dr	Cul de Sac	0	0.085	0.085	22	2	Asphalt	Gutters - Concrete
S Stafford RD	NYS Thruway	Kyte RD	0	0.266	0.266	22	2	Asphalt	Gravel
Stafford RD	Yellow Mills RD	Manchester Town Line	0	0.3	0.3	22	2	Asphalt	Gravel
State Street	State Route 96	Manchester Town Line	0	0.55	0.55	28	2	Asphalt	Paved - Asphalt
Stonefield LA	Green RD	Cul de Sac	0	0.522	0.522	22	2	Asphalt	Gutters - Concrete
Stuart CIR	Tudor Way	Cul de Sac	0	0.05	0.05	20	2	Asphalt	None
Sunset DR	Allen-Padgham RD	Cul de Sac	0	0.169	0.169	26	2	Asphalt	Vegetation
Sycamore CIR	Maplewood DR	East to Stoneway	0	0.061	0.061	20	2	Asphalt	Curb - Concrete
Tomra TRL	Dead End	Loomis RD	0	0.13	0.13	22	2	Asphalt	Gutters - Concrete

Town of Farmington Highway Mileage*

6

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Town Line RD-1	County RD 8	Payne RD	1.214	2.084	0.87	24	2	Asphalt	Gravel
Town Line RD CA - 2	Payne RD	County RD 28	0	1.214	1.214	24	2	Asphalt	Gravel
Tudor Way	County RD 41	Hanover RD	0	0.365	0.365	21	2	Asphalt	None
Walnut DR - 1	Beechwood DR	Maplewood DR	0.055	0.205	0.15	22	2	Asphalt	Gutters - Concrete
Weigert RD - 1	Crowley RD	Yahn RD	0	0.622	0.622	28	2	Asphalt	Gravel
Weigert RD - 2	Yahn RD	Brownsville RD	0.622	1.206	0.584	28	2	Asphalt	Gravel
West Corporate DR	State Route 332	Collett RD West	0	0.488	0.488	24	2	Asphalt	Gravel
Wheatstone DR	Clover Meadow LA	Flaxen DR	0	0.164	0.164	24	2	Asphalt	Gutters - Concrete
White Tail LA	Hunters DR	Buckskin DR	0	0.153	0.153	24	2	Asphalt	Gutters - Concrete
Wiborn RD	Sheldon RD	County RD 28	0	1.278	1.278	24	2	Asphalt	Gravel
Willis RD	Gannett RD	Hook RD	0	0.115	0.115	40	2	Asphalt	Vegetation
Windingo LA N	Cranberry DR	Cul de Sac	0	0.061	0.061	20	2	Asphalt	Gutters - Concrete
Windingo LA S	Cranberry DR	Cul de Sac	0	0.053	0.053	22	2	Asphalt	Gutters - Concrete
Windsor CIR	Hanover RD	Cul de Sac	0	0.048	0.048	20	2	Asphalt	None
Wishing Well LA	Red Fern DR	Dalton DR	0	0.133	0.133	20	2	Asphalt	Gutters - Concrete
Wood DR	Running Brook RD	County RD 41	0	0.182	0.182	24	2	Asphalt	Gutters - Concrete
Woodside CIR	Stonefield LA	Cul de Sac	0	0.057	0.057	22	2	Asphalt	Gutters - Concrete
Yahn RD	Weigert RD	Hook RD	0	0.852	0.852	22	2	Asphalt	Gravel
Yellow Mills RD - 1	Stafford RD	Herendeen RD	0	1.106	1.106	28	2	Asphalt	Gravel
Yellow Mills RD - 2	Herendeen RD	Rushmore RD	1.106	1.689	0.583	26	2	Asphalt	Gravel
Yellow Mills RD - 3	Rushmore RD	Fox RD	1.689	2.722	1.033	26	2	Asphalt	Gravel
Yellow Mills RD - 4	Fox RD	Turner RD	2.722	3.756	1.034	26	2	Asphalt	Gravel
Spartan DR	Canandaigua Town Line	Marion Way	0	0.356	0.356	22	2	Asphalt	Gutters - Concrete
Marion Way	Onyx DR	Spartan DR	0	0.354	0.354	22	2	Asphalt	Gutters - Concrete
Shortsville RD - 1	County RD 8	Payne RD	0	0.765	0.765	28	2	Asphalt	Paved - Asphalt
Shortsville RD - 2	Payne RD	County RD 28	0.765	2.208	1.443	28	2	Asphalt	Paved - Asphalt
Shortsville RD - 3	County RD 28	Shortsville Village Line	2.208	3.827	1.619	24	2	Asphalt	Paved - Asphalt
Suede CIR	Cul de Sac	Whitetail La	0	0.083	0.083	24	2	Asphalt	Gutters - Concrete
Plaster Mill RD - 2	Gateway DR	Victor Town Line	0.327	0.592	0.265	32	2	Asphalt	Paved - Asphalt
Walnut DR - 2	Beechwood Dr	Birchwood Dr	0	0.055	0.055	20	2	Asphalt	Gutters - Concrete
Red Fern DR - 2	Meadowbrook Ln	Limestone Ln	0	0.05	0.05	24	2	Asphalt	Gutters - Concrete
Sheldon RD - 6	Herendeen RD	Dead End	0	0.121	0.121	22	2	Asphalt	Vegetation
Glen Carlyn DR - 2	State Route 96	Pine Hill LA	0	0.04	0.04	38	3	Asphalt	Gutters - Concrete

Town of Farmington Highway Mileage*

7

All measurements made by Corey Hurley

*As of 7/3/2018

Name	From	To	Begin MP	End MP	Length	Width	Lanes	Surface	Shoulder Type
Calm LA	County RD 41	Calm Lake DR	0	0.04	0.04	24	2	Asphalt	Gutters - Concrete
Barkwood Court - 1	Tudor Way	Hunter DR	0	0.058	0.058	20	2	Asphalt	Gutters - Concrete
Jade Court	Town Line RD	End	0	0.071	0.071	22	2	Asphalt	Gutters - Concrete
Monarch DR	New Michigan RD	Hammer Head	0	0.196	0.196	22	2	Asphalt	Gutters - Concrete
Swallowtail DR	Monarch DR	End	0	0.1	0.1	22	2	Asphalt	Gutters - Concrete
Mertensia RD - 2	Fawn Meadow	State Route 96	0.1	0.9	0.8	32	2	Asphalt	Curb - Concrete
Kennebec Court	Hook RD	Harlow LA	0	0.276	0.276	22	2	Asphalt	Gutters - Concrete
Harlowe LA	Collett RD West	Kennebec Court	0	0.306	0.306	22	2	Asphalt	Gutters - Concrete
Tweed TRL	Harlowe LA	Hammer Head	0	0.041	0.041	22	2	Asphalt	Gutters - Concrete
Redfield DR	Hook RD	Hammer Head	0	0.208	0.208	24	2	Asphalt	Gutters - Concrete

Roads Condition Data

Farmington Roads Condition Data

1

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
1	Alfalfa Crescent	1	1	89	80	Clean Gutters
2	Allen-Padgham Road - 1	3	2	94	48	Do Nothing
3	Allen-Padgham Road - 2	3	3	80	32	Contour Mill & Overlay
4	Allen-Padgham Road - 3	3	2	89	64	Chip Seal (Single)
5	Amanda Place	1	1	88	78	Crack Repairs
6	Amber Drive	2	2	90	90	Crack Repairs
7	Antlers Drive - 1	1	1	88	65	Fibermat/Capeseal
8	Antlers Drive - 2	1	1	86	65	Fibermat/Capeseal
9	Barberry Lane	1	1	91	52	Fibermat/Capeseal
10	Barkwood Court-2	1	1	94	39	Do Nothing
11	Bean Pole Circle	1	1	92	78	Crack Repairs
12	Beaver Creek Road - 1	4	4	92	114	Crack Repairs
13	Beaver Creek Road - 2	4	4	84	84	Contour Mill & Overlay
14	Beechwood Drive	1	1	94	39	Do Nothing
15	Belmont Drive	1	1	86	80	2" Mill & Fill Reshape
16	Birchwood Drive	1	1	89	64	1.5" Mill & Fill
17	Bittersweet Drive	1	1	89	52	1.5" Mill & Fill
18	Bonnie Brae Circle	1	1	88	78	Crack Repairs
19	Bowerman Road - 1	2	2	90	90	Crack Repairs
20	Bowerman Road - 2	2	2	94	45	Do Nothing
21	Bridle Path Lane	1	1	94	39	Do Nothing
22	Brownsville Road	2	2	92	90	Crack Repairs
23	Buckskin Drive - 1	1	1	94	39	Do Nothing
24	Buckskin Drive - 2	1	1	94	39	Do Nothing
25	Calm Lake Drive	1	1	92	78	Crack Repairs
26	Carriage Court	1	1	86	80	2" Mill & Fill Reshape
27	Chelsea Place	1	1	85	75	2" Mill & Fill Reshape
28	Chipmunk Circle	1	1	86	65	Fibermat/Capeseal
29	Church Ave	1	1	83	75	2" Mill & Fill Reshape
30	Cline Road - 1	3	3	92	102	Crack Repairs
31	Cline Road - 2	3	3	92	102	Crack Repairs
32	Clover Meadow Lane	2	2	88	90	Crack Repairs
33	Clovertrail Drive	2	2	90	90	Crack Repairs

Farmington Roads Condition Data

2

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
34	Coachlight Circle	1	1	92	78	Crack Repairs
35	Collett Road - 1	3	3	90	102	Crack Repairs
36	Collett Road - 2	3	3	88	85	Chip Seal (Single)
37	Collett Road West - 1	1	1	75	24	Contour Mill & Overlay
38	Collett Road West - 2	3	3	94	51	Do Nothing
39	Collett Road West - 3	4	4	94	57	Do Nothing
40	Collett Road West - 4	3	3	82	95	2" Mill & Fill Reshape
41	Colonie Drive	1	1	92	78	Crack Repairs
42	Commercial Drive North	1	1	84	60	Fibermat/Capeseal
43	Commercial Drive South	1	1	86	78	Crack Repairs
44	Coral Drive	1	1	92	78	Crack Repairs
45	Cornfield Circle	1	1	85	90	2" Mill & Fill Reshape
46	Corporate Drive	1	2	90	84	Crack Repairs
47	Cranberry Drive	1	1	70	44	1.5" Mill & Fill
48	Creek View Trail	1	1	82	48	Fibermat/Capeseal
49	Creek Pointe	2	1	92	84	Crack Repairs
50	Creekside Drive	1	1	86	65	Fibermat/Capeseal
51	Crowley Road	2	2	92	90	Crack Repairs
53	Curran Road	2	2	85	56	Chip Seal (Single)
54	Dalton Drive	1	1	81	48	1.5" Mill & Fill
55	Deer Run	1	1	94	39	Do Nothing
56	Deerfield Drive	1	1	84	60	Fibermat/Capeseal
57	Doe Haven Drive	2	2	92	90	Crack Repairs
58	Ebony Court	1	1	92	78	Crack Repairs
59	Elder Drive	1	2	92	84	Crack Repairs
60	Elizabeth Way	2	2	73	65	Fibermat/Capeseal
61	Ellsworth Road	2	2	84	34	Contour Mill & Overlay
62	Elmwood Circle	1	1	94	39	Do Nothing
63	Emma Lane - 1	1	1	92	78	Crack Repairs
64	Emma Lane - 2	1	1	88	78	Crack Repairs
65	Estate Drive	2	2	92	90	Crack Repairs
66	Fairdale Glen	1	1	92	78	Crack Repairs
67	Fallow Lane	2	2	63	30	1.5" Mill & Fill

Farmington Roads Condition Data

3

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
68	Farmbrook Drive - 1	3	3	86	68	Fibermat/Capeseal
69	Farmbrook Drive - 2	3	3	83	76	Fibermat/Capeseal
70	Farmington Road	3	3	91	68	Chip Seal (Single)
71	Fawn Meadow	1	1	92	78	Crack Repairs
72	Flaxen Drive	1	1	82	48	Fibermat/Capeseal
73	Fox Road - 1	2	2	89	75	Do nothing
74	Fox Road - 2	2	2	94	45	Do Nothing
75	Fox Road - 3	3	2	91	64	Chip Seal (Single)
76	Fox Road - 4	3	2	94	48	Do Nothing
77	Fox Road - 5	3	2	90	96	Crack Repairs
78	Fraser Way	1	1	88	78	Crack Repairs
80	Galvin Court	1	1	84	60	Fibermat/Capeseal
81	Gannett Road	1	1	92	78	Crack Repairs
82	Gateway Drive	3	3	80	64	1.5" Mill & Fill
83	Glen Carlyn Drive - 2	2	2	88	90	Crack Repairs
84	Green Road	2	2	92	90	Crack Repairs
85	Hanover Road	1	1	89	65	Semi-Permanent Patching
86	Hathaway Drive	1	1	89	65	Semi-Permanent Patching
87	Hawthorne Circle	1	1	91	80	Do nothing
88	Hayride Drive	1	1	92	78	Crack Repairs
89	Heather Lane	2	2	89	60	1.5" Overlay
90	Herendeen Road - 1	2	2	86	72	Chip Seal (Single)
91	Herendeen Road - 2	3	3	92	102	Crack Repairs
92	Heritage Circle	1	1	94	39	Do Nothing
93	Holland Drive	1	1	88	65	Fibermat/Capeseal
94	Holly Lane	1	1	94	39	Do Nothing
95	Holtz Road	2	2	89	90	Crack Repairs
96	Honeysuckle Lane	1	1	89	52	Do Nothing
97	Hook Road - 1	4	4	89	95	Do nothing
98	Hook Road - 2	4	4	86	88	Contour Mill & Overlay
99	Hook Road - 3	4	4	78	42	Contour Mill & Overlay
100	Hook Road - 4	3	3	92	102	Crack Repairs
101	Huckleberry Road	1	1	88	64	1.5" Overlay

Farmington Roads Condition Data

4

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
102	Hunters Drive	1	1	92	78	Crack Repairs
103	Hunts Park Road	2	2	92	90	Crack Repairs
104	Jenbrooke Court	1	1	92	78	Crack Repairs
105	Jensen Court	1	1	92	78	Crack Repairs
106	King Hill Drive	2	2	92	90	Crack Repairs
107	Kris Crossing	1	1	90	78	Crack Repairs
108	Kyte Road	2	2	92	90	Crack Repairs
109	Lake Run	1	1	92	78	Crack Repairs
111	Lilly Brook Court	1	1	92	78	Crack Repairs
112	Limestone Lane	1	1	73	70	2" Mill & Fill Reshape & Rep. Gutters
113	Latting Road	2	2	94	45	Do Nothing
114	Loomis Road - 1	3	3	76	32	T & L / 1" Overlay
115	Loomis Road - 2	4	3	71	32	T & L / 1" Overlay
116	Maplewood Drive	1	1	94	39	Do Nothing
117	Marcus Way	1	1	92	78	Crack Repairs
118	Martz Road	3	3	89	68	Chip Seal (Single)
119	Maxwell Road	2	2	87	72	Chip Seal (Single)
120	Meadowbrook Lane - 1	2	2	92	90	Crack Repairs
121	Meadowbrook Lane - 2	2	2	94	45	Do Nothing
122	Meadowbrook Lane - 3	2	2	94	45	Do Nothing
123	Mecier Boulevard	1	1	88	65	Fibermat/Cape Seal
124	Mertensia Road - 1	4	3	94	54	Do Nothing
125	Mertensia Road - 3	3	3	94	51	Do Nothing
126	Mertensia Road - 4	3	3	92	102	Crack Repairs
127	Mt Ash Drive	1	1	94	39	Do Nothing
128	Mt Payne Road	2	2	90	90	Crack Repairs
129	Mulberry Drive	1	1	88	78	Crack Repairs
130	Nettle Creek Lane	1	1	82	60	1.5" Overlay
131	New Michigan Road	4	3	92	108	Crack Repairs
132	Oatfield Drive	1	1	92	78	Crack Repairs
133	Old Mill Road	1	1	92	78	Crack Repairs
134	Olde Park Square	1	1	86	78	Crack Repairs
135	Omega Drive	1	1	94	39	Do Nothing

Farmington Roads Condition Data

5

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
136	Onyx Drive	1	1	88	78	Crack Repairs
137	Opal Drive	1	1	92	78	Crack Repairs
138	Pannell Road	2	2	92	90	Crack Repairs
139	Payne Road - 1	3	2	94	48	Do Nothing
140	Payne Road - 2	2	2	94	45	Do Nothing
141	Payne Road - 3	2	2	88	90	Crack Repairs
142	Perez Drive	1	1	90	78	Crack Repairs
143	Pheasant Crossing	1	1	92	78	Crack Repairs
144	Pine Hill Lane	1	1	85	75	Replace Gutters
145	Plaster Mill Road - 1	4	3	79	85	Chip Seal (Single)
146	Rausler Road	2	2	90	90	Crack Repairs
147	Raymond Avenue	1	1	92	78	Crack Repairs
148	Red Fern Drive - 1	2	2	82	85	Clean Gutters
149	Running Brook Rd	2	2	83	70	Fibermat/Capeseal
150	Rushmore Road - 1	2	2	91	60	Chip Seal (Single)
151	Rushmore Road - 2	2	2	92	90	Crack Repairs
152	Sand Hill Road - 1	2	2	91	60	Chip Seal (Single)
153	Sand Hill Road - 2	3	2	84	90	Crack Repairs
154	Scottsdale Drive	1	1	85	60	Semi-Permanent Patching
155	Sheldon Road - 1	3	3	92	102	Crack Repairs
156	Sheldon Road - 2	3	3	92	102	Crack Repairs
157	Sheldon Road - 3	3	3	94	51	Do Nothing
158	Sheldon Road - 4	2	2	94	45	Do Nothing
159	Sheldon Road - 5	2	2	94	45	Do Nothing
160	Squire Lane	1	1	92	78	Crack Repairs
161	South Stafford Road	1	1	94	39	Do Nothing
162	Stafford Road	2	2	82	68	Contour Mill & Overlay
163	State Street	3	2	90	64	Chip Seal (Single)
164	Stonefield Lane	1	1	86	78	Crack Repairs
165	Stuart Circle	1	1	94	39	Do Nothing
166	Sunset Drive	1	1	92	78	Crack Repairs
167	Sycamore Circle	1	1	58	26	1.5" Mill & Fill
168	Tomra Trail	1	1	69	68	Contour Mill & Overlay

Farmington Roads Condition Data

6

RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
171	Town Line Road-1	3	2	75	36	Contour Mill & Overlay
172	Town Line Road-2	3	2	76	30	Contour Mill & Overlay
173	Tudor Way	2	2	92	90	Crack Repairs
175	Walnut Drive - 1	1	1	94	39	Do Nothing
176	Weigert Road - 1	3	3	75	32	Contour Mill & Overlay
177	Weigert Road - 2	3	3	78	32	Contour Mill & Overlay
178	West Corporate Drive	2	2	80	56	Chip Seal (Single)
179	Wheatstone Drive	1	1	88	64	1.5" Mill & Fill
180	White Tail Lane	1	1	92	78	Crack Repairs
181	Wiborn Road	2	2	91	60	Chip Seal (Single)
182	Willis Road	1	1	92	78	Crack Repairs
183	Windingo Lane North	1	1	63	10	Total Recon. w/Under Drain
184	Windingo Lane South	1	1	52	12	Total Recon. w/Under Drain
185	Windsor Circle	1	1	92	78	Crack Repairs
186	Wishing Well Lane	1	1	82	60	Fibermat/Capeseal
187	Wood Drive	2	2	81	70	Fibermat/Capeseal
189	Woodside Circle	1	1	88	78	Crack Repairs
190	Yahn Road	2	2	89	60	Chip Seal (Single)
191	Yellow Mills Road - 1	3	3	92	102	Crack Repairs
192	Yellow Mills Road - 2	3	3	94	51	Do Nothing
193	Yellow Mills Road - 3	3	3	92	102	Crack Repairs
194	Yellow Mills Road - 4	3	3	92	102	Crack Repairs
195	Spartan Drive	2	2	89	90	Clean Gutters
196	Marion Way	1	1	92	78	Crack Repairs
197	Shortsville Road - 1	3	3	94	51	Do Nothing
198	Shortsville Road - 2	3	3	81	88	Contour Mill & Overlay
199	Shortsville Road - 3	3	3	87	102	Crack Repairs
200	Suede Circle	1	1	92	78	Crack Repairs
201	Plaster Mill Road - 2	4	3	79	85	Chip Seal (Single)
202	Walnut Drive - 2	1	1	83	60	Fibermat/Capeseal
203	Red Fern Drive - 2	1	1	84	60	Fibermat/Capeseal
204	Sheldon Road - 6	1	1	92	78	Crack Repairs
205	Glen Carlyn Drive - 2	2	2	88	90	Crack Repairs

Farmington Roads Condition Data





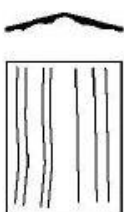

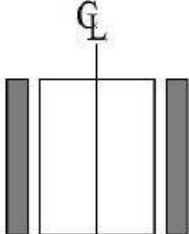
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RIN	Name	Traffic	Importance	PCI	Priority Value	Repair Type
206	Calm Lane	1	1	94	39	Do Nothing
207	Barkwood Court - 1	1	1	94	39	Do Nothing
208	Jade Court	1	1	94	39	Do Nothing
209	Monarch Drive	1	1	94	39	Do Nothing
210	Swallowtail Drive	1	1	94	39	Do Nothing
211	Mertensia Road - 2	4	3	88	108	Crack Repairs
212	Kennebec Court	1	1	94	39	Do Nothing
213	Harlowe Lane	1	1	94	39	Do Nothing
214	Tweed Trail	1	1	94	39	Do Nothing
215	Redfield Drive	1	1	94	39	Do Nothing

Appendix A – Road Condition Survey Form

CAMP-RS Asphalt Pavement Condition Survey

Street: _____ Distance: _____		Name: _____	
Section #: _____ Start: _____		Date: _____	
Start: _____ End: _____		Weather: _____	
End: _____ Length: _____		Temp (F°/C°): _____	

<p>LONGITUDINAL/ TRANSVERSE CRACKING</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO Defects</div> <div style="display: flex; justify-content: space-between;"> <div>EXTENT</div> <div>Low Med High</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>SEVERITY</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> </div> </div>		1	2	3	SEVERITY	4	5	6		7	8	9	<p>ALLIGATOR CRACKING</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO Defects</div> <div style="display: flex; justify-content: space-between;"> <div>EXTENT</div> <div>Low Med High</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>SEVERITY</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> </div> </div>		1	2	3	SEVERITY	4	5	6		7	8	9
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SEVERITY	4	5	6																						
	7	8	9																						
	1	2	3																						
SEVERITY	4	5	6																						
	7	8	9																						
<p>EDGE CRACKING</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO Defects</div> <div style="display: flex; justify-content: space-between;"> <div>EXTENT</div> <div>Low Med High</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>SEVERITY</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> </div> </div>		1	2	3	SEVERITY	4	5	6		7	8	9	<p>PATCHING / POTHOLES</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO Defects</div> <div style="display: flex; justify-content: space-between;"> <div>EXTENT</div> <div></div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>1</td> <td>Low</td> </tr> <tr> <td>2</td> <td>Medium</td> </tr> <tr> <td>3</td> <td>High</td> </tr> </table> <p style="font-size: small; margin-top: 5px;">Do not include good patches</p> </div> </div>	1	Low	2	Medium	3	High						
	1	2	3																						
SEVERITY	4	5	6																						
	7	8	9																						
1	Low																								
2	Medium																								
3	High																								
<p>RUTTING</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">NO Defects</div> <div style="display: flex; justify-content: space-between;"> <div>EXTENT</div> <div>Low Med High</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> </tr> <tr> <td>SEVERITY</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td></td> <td>7</td> <td>8</td> <td>9</td> </tr> </table> </div> </div>		1	2	3	SEVERITY	4	5	6		7	8	9	<p>BLEEDING</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="display: flex; justify-content: space-between;"> <div>SEVERITY</div> <div>CONDITION</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>1</td> <td>Good</td> </tr> <tr> <td>4</td> <td>Fair</td> </tr> <tr> <td>7</td> <td>Poor</td> </tr> </table> </div> </div>	1	Good	4	Fair	7	Poor						
	1	2	3																						
SEVERITY	4	5	6																						
	7	8	9																						
1	Good																								
4	Fair																								
7	Poor																								
<p>DRAINAGE</p> <div style="display: flex; align-items: center;">  <div style="margin-left: 20px;"> <div style="display: flex; justify-content: space-between;"> <div>SEVERITY</div> <div>CONDITION</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>1</td> <td>Good</td> </tr> <tr> <td>4</td> <td>Fair</td> </tr> <tr> <td>7</td> <td>Poor</td> </tr> </table> </div> </div>	1	Good	4	Fair	7	Poor	<p>ROUGHNESS</p> <p style="font-size: small;">Check road for presence of the following:</p> <ul style="list-style-type: none"> - uneven surface - sags - humps - frost heaves <div style="display: flex; align-items: center; margin-top: 20px;"> <div style="margin-right: 20px;"> <div style="display: flex; justify-content: space-between;"> <div>SEVERITY</div> <div>CONDITION</div> </div> <table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td>1</td> <td>Good</td> </tr> <tr> <td>4</td> <td>Fair</td> </tr> <tr> <td>7</td> <td>Poor</td> </tr> </table> </div> </div>	1	Good	4	Fair	7	Poor												
1	Good																								
4	Fair																								
7	Poor																								
1	Good																								
4	Fair																								
7	Poor																								

Appendix B – Road Condition Survey Example

CAMP-RS - Collect Survey Data

Inventory Information

RIN	0015	Begin MP	0	Lanes	2
Name	Belmont Drive	End MP	0.292	Surface Type	Asphalt
From	Hook Road	Length	0.292	Shoulder Type	Gutters - Cor
To	Cul de Sac	Width	22	Survey Date	6/13/2018

40-Drainage <input type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	41-Roughness <input type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	42-Long/Trans Cracking <input type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	43-Alligator Cracks <input checked="" type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	44-Edge Cracking <input checked="" type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>
45-Patching/Potholes <input type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	46-Rutting <input checked="" type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>	47-Bleeding-Raveling <input type="checkbox"/> No Distress Extent Severity <div>Low Medium High</div> <div>Low Medium High</div>		

Save Cancel

CAMP-RS Software

Appendix C – Pavement Inventory Form

PAVEMENT INVENTORY SURVEY:		NAME: _____		DATE: _____	
ROAD NAME: _____			INVENTORY #: _____		
SECTION DESCRIPTION:			DISTANCE:		
FROM: _____			START: _____ FT		
TO: _____			END: _____ FT		
			LENGTH: _____ FT		
# LANES: _____	WIDTH (FT): _____	SHOULDER WIDTH (FT): _____	MEASURED ROW: _____	FEET	
SURFACE: _____	<small>1. XXXX; 2. UNPAVED; 3. SURFACE TREATED; 4. ASPHALT; 5. XX</small>		TRAFFIC: _____	1 - 5	
SHOULDER: _____			IMPORTANCE: _____	1 - 5	
			US/METRIC _____	US/ME	
COMMENTS: _____					

IMPORTANCE:		TRAFFIC	
1	Very Low	1	Very Low
2	Low	2	Low
3	Medium	3	Medium
4	High	4	High
5	Very High	5	Very High

SHOULDER:		SURFACE TYPE	
1	Paved - Asphalt	1	Other
2	Gravel	2	Unpaved
3	Earth	3	Surface Treated
4	Vegetation	4	Asphalt
5	None	5	Concrete
6	Curb, Asphalt	6	Brick
7	Curb, Concrete		
8	Curb, Granite		
9	Paved, Concrete		

MEASUREMENT UNITS:			
LF	Linear Feet	LM	Linear Meter
SF	Square Feet	SM	Square Meter
SY	Square Yards		

Appendix D – Repair Categories

CAMP-RS - Repair Category Form

Surface Type

- 0-NA
- 1-Other
- 2-Unpaved
- 3-Surface Treated
- 4-Asphalt
- 5-Concrete
- 6-Brick

Repair Categories

ID	Category	Priority Value	Precedence
48	Reconstruct	1	8
46	Rehab	2	7
45	Overlay	4	6
49	Drainage Work	5	5
44	Surface Treatme...	5	4
43	Patching	5	3
42	Crack Repairs	6	2
41	Defer Maintenance	3	1

Increase Precedence

Decrease Precedence

Add New Edit Delete

Save Cancel

CAMP-RS Software

Appendix E – Decision Trees

Surface Type: 2-Unpaved, 3-Surface Treated, **4-Asphalt**

Distress Name: Long/Trans Cracking

Distress Matrix Definition: ☒ Allow No Distress ☒ Extent ☒ Severity

PCI Deducts

No Distress: 0

Extent: 2, 4, 6

Severity: 6, 8, 10, 10, 12, 14

Save Cancel

Repair Categories

No Distress: 41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm

Extent:

Extent	Severity	Repair Categories
2	6	41-Defer Maintena, 42-Crack Repairs , 43-Patching, 44-Surface Treatm
4	8	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm
6	10	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm
10	10	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm, 45-Overlay
12	12	43-Patching, 44-Surface Treatm, 45-Overlay, 46-Rehab
14	14	43-Patching, 44-Surface Treatm, 45-Overlay, 46-Rehab

Appendix E – Decision Trees

Surface Type: 2-Unpaved, 3-Surface Treated, **4-Asphalt**

Distress Name: **Bleeding-Raveling**

Distress Matrix Definition

☐ Allow No Distress ☐ Extent ☒ Severity

PCI Deducts

No Distress: 0

	No Distress	Extent	Severity
No Distress	0	0	0
Severity 5	2	0	0
Severity 10	5	0	0

Save Cancel

Repair Categories

No Distress

	No Distress	Extent	Severity
No Distress	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm
Severity	42-Crack Repairs, 43-Patching, 44-Surface Treatm, 45-Overlay	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm
	43-Patching, 44-Surface Treatm, 45-Overlay, 46-Rehab	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm	41-Defer Maintena, 42-Crack Repairs, 43-Patching, 44-Surface Treatm

Appendix E – Decision Trees

The CAMP-RS Software utilizes decision trees to determine the recommended repair category and PCI deduction for every possible distress. On the 3x3 matrix for every distress type, extent is the vertical axis and severity is the horizontal axis. A low extent, low severity distress corresponds to the top left entry and a high extent, high severity corresponds to the bottom right entry. The drainage, roughness, bleeding – raveling, and patching/potholes distress categories only have a 1x3 matrix because they are measured based only on severity or extent instead of both. The PCI deductions accumulate depending on the distresses noted for every road section. Each road is assigned a repair category based on the highest category index number it receives which is listed next to the repair category name.

Example: One of the roadway sections has medium severity and moderate extent longitudinal/transverse cracking along with medium severity bleeding – raveling. The longitudinal/transverse cracking results in a PCI deduction of 8 and the bleeding – raveling deducts 5. The net PCI would be $94 - 8 - 5 = 81$. The longitudinal/transverse cracking selects 44-Surface Treatment for the recommended repair category and the bleeding – raveling selects 45-Overlay. Overlay has the higher index value number, so it becomes the recommended repair category for the road section.

Appendix F – Repairs List

All repairs completed by the Town of Farmington Highway Department on their asphalt pavement roads along with their unit costs and life expectancies.

Repair	Repair Category	Surface Type	Cost (\$)	Cost Units	Life (months)
Do Nothing	41-Defer Maintenance	4-Asphalt	0	SF	0
Crack Repairs	42-Crack Repairs	4-Asphalt	0.018	SF	24
Do Nothing	42-Crack Repairs	4-Asphalt	0	SF	0
Do nothing	43-Patching	4-Asphalt	0	SF	0
Patch Mill & Fill CS: W/Cut Shoulders	43-Patching	4-Asphalt	2.3	SF	36
Semi-Permanent Patching	43-Patching	4-Asphalt	0.674	SF	36
Chip Seal (Single)	44-Surface Treatments	4-Asphalt	0.19	SF	36
Do Nothing	44-Surface Treatments	4-Asphalt	0	SF	0
Fibermat/Cape seal	44-Surface Treatments	4-Asphalt	0.801	SF	60
1.5" Mill & Fill	45-Overlay	4-Asphalt	1.021	SF	84
1.5" Overlay	45-Overlay	4-Asphalt	0.843	SF	60
2" Overlay	45-Overlay	4-Asphalt	1.042	SF	60
Chip Seal (Single)	45-Overlay	4-Asphalt	0.19	SF	36
Contour Mill & Overlay	45-Overlay	4-Asphalt	0.83	SF	84
Do Nothing	45-Overlay	4-Asphalt	0	SF	0
Fibermat/Cape seal	45-Overlay	4-Asphalt	0.801	SF	60
Re-Pave Edges	45-Overlay	4-Asphalt	8.09	LF	48
1.5" Mill & Fill	46-Rehab	4-Asphalt	1.021	SF	84
Contour Mill & Overlay	46-Rehab	4-Asphalt	0.83	SF	84
Do Nothing	46-Rehab	4-Asphalt	0	SF	0
T & L / 1" Overlay	46-Rehab	4-Asphalt	0.518	SF	72
All New (12" Sub 3.5" Base 2" Binder 1.5" Top)	48-Reconstruct	4-Asphalt	6.58	SF	216
Do Nothing	48-Reconstruct	4-Asphalt	0	SF	0
Total Recon. w/Under Drain	48-Reconstruct	4-Asphalt	7.38	SF	216
2" Mill & Fill Reshape	49-Drainage Work	4-Asphalt	1.31	SF	96
2" Mill & Fill Reshape & Replace Gutters	49-Drainage Work	4-Asphalt	2.5	SF	96
Clean Gutters	49-Drainage Work	4-Asphalt	0.03	SF	24
Cut Shoulders	49-Drainage Work	4-Asphalt	0.213	SF	24
Ditching	49-Drainage Work	4-Asphalt	1.94	LF	60
Do nothing	49-Drainage Work	4-Asphalt	0	SF	0
Install Underdrain	49-Drainage Work	4-Asphalt	1.26	LF	120
Remove, Install Shoulders	49-Drainage Work	4-Asphalt	2.99	LF	60
Repair Catch Basins	49-Drainage Work	4-Asphalt	2.01	SF	60
Repair Curbs	49-Drainage Work	4-Asphalt	2.01	LF	60
Repair Shoulders	49-Drainage Work	4-Asphalt	0.61	LF	36
Replace Curbs	49-Drainage Work	4-Asphalt	4.63	LF	120
Replace Gutters	49-Drainage Work	4-Asphalt	6	LF	120

Appendix G – Chip Seal Unit Cost Calculation

The estimated overall cost accounting for materials, labor, and equipment on a chip seal project.

Municipality:	Town of Farmington Highway Department				Date:	June 20, 2018			
Project Name:	Chip Seal				By:	Corey Hurley			
<div> <div> <div>Production</div> <div> <input checked="" type="radio"/> per Day <input type="radio"/> per Hour </div> </div> <div> <div> <input checked="" type="radio"/> Area <input type="radio"/> Linear <input type="radio"/> Each </div> </div> </div>									
length		22,000		feet	Units	PRODUCTION	COSTS	%	
width		25.0		feet		Materials	\$ 79,300	83%	
area		550,000		feet*feet		Invoices	\$ -	0%	
Day length:		10.0		hours		Labor	\$ 5,240	6%	
						Equipment	\$ 10,600	11%	
Percentage covered (%)		100%				TOTAL	\$ 95,140		
Project Scope*									
		Contingency (%)		10%		PROJECT	COSTS	%	
*Farmington Town Highway tries to chip seal		length		47,520	feet	Materials	\$ 196,000	83%	
9 miles of roadways per year		width		26.0	feet	Invoices	\$ -	0%	
		area		1,235,520	feet*feet	Labor	\$ 12,900	5%	
		Percentage covered (%)		100%		Equipment	\$ 26,200	11%	
Actual area to be worked on during project		1,235,520		feet*feet		TOTAL	\$ 235,100		
Unit cost calculation		Percentage covered (%)		100%			\$ 0.190	/feet*feet	
Abbreviations & Conversions									
Length		Conversion factors		Area		Conversion factors			
in	inch	63360	12	sf	square foot	9	1		
ft	foot	5280	1	sy	square yard	1	0.11		
yd	yard	1760	0.33	Volume					
mi	mile	1	0.000189	cf	cubic feet	27	1.000		
				cy	cubic yard	1	0.037		
Weight				gal	gallons	202	7.48		
lbs	pound	2000	1	Power					
ton	ton	1	0.00050	hp	horsepower				

Appendix G – Chip Seal Unit Cost Calculation

The estimated cost for labor and equipment on a chip seal project.

[illegible]

Appendix G – Chip Seal Unit Cost Calculation

The estimated material cost of a chip seal project

Town Name:	Town of Farmington Highway Department				Date:	June 20, 2018		
Project Name:	Chip Seal				By:	Corey Hurley		
Production	Area							
	per Day			length	22,000	feet		
				width	25	feet		
Day length:	10.0			area	550,000	feet*feet		
MATERIALS				Material Cost	INVOICES			
				\$ 79,300.00				Invoice Cost
								\$ -
Item	Price	Unit	Quantity		Item	Price	Unit	Quantity
	\$/unit			per Day		\$/unit		per Day
Type RS-2P Asphalt	\$ 2.50	gal	25,667	\$ 64,166.68				
3/8" crushed stone	\$15.50	ton	977.78	\$ 15,155.59				

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended Crack Sealing (Sorted by High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Cost (\$) ▼
Beaver Creek Road - 1	County Road 41	Race Track Entrance	0.5	26	2	1,236
New Michigan Road	Canandaigua Town Line	County Road 41	1.251	30	2	3,567
Mertensia Road - 2	Fawn Meadow	State Route 96	0.8	32	2	2,434
Cline Road - 1	Brownsville Road	Gillis Road	0.112	26	2	277
Cline Road - 2	Gillis Rd	Victor Town Line	0.922	24	2	2,104
Collett Road - 1	County Road 8	Payne Road	1.143	26	2	2,825
Herendeen Road - 2	Sheldon Road	County Road 28	1.281	28	2	3,409
Hook Road - 4	Allen-Padgham Road	Macedon Town Line	0.394	28	2	1,049
Mertensia Road - 4	Elizabeth Way	Collett Road	0.369	32	2	1,123
Sheldon Road - 1	County Road 8	Fox Road	0.748	28	2	1,991
Sheldon Road - 2	Fox Road	Holtz Road	0.338	28	2	900
Yellow Mills Road - 1	Stafford Road	Herendeen Road	1.106	28	2	2,944
Yellow Mills Road - 3	Rushmore Road	Fox Road	1.033	26	2	2,553
Yellow Mills Road - 4	Fox Road	Turner Road	1.034	26	2	2,556
Shortsville Road - 3	County Rd 28	Shortsville Village Line	1.619	24	2	3,693
Fox Road - 5	Yellow Mills Road	Manchester Town Line	0.533	25	2	1,267
Amber Drive	New Michigan Rd	Clovertrail Dr	0.944	22	2	1,974
Bowerman Road - 1	Brownsville Rd	Allen Padgham Rd	1.364	32	2	4,149
Brownsville Road	Victor Town Line	Weigert Road	0.809	26	2	2,000
Clover Meadow Lane	State Route 332	Meadowbrook La	0.627	24	2	1,431
Clovertrail Drive	Estate Drive	Amber Drive	0.369	22	2	772
Crowley Road	Hook Rd	Brownsville Rd	2.174	26	2	5,373
Doe Haven Drive	Mertensia Road	Buckskin Drive	0.421	20	2	801
Estate Drive	Canandaigua Town Line	Clovertrail Drive	0.49	22	2	1,025
Glen Carlyn Drive - 2	Pine Hill Lane	Cul de Sac	0.292	20	2	556
Green Road	Bowerman Road	Hook Road	1.405	24	2	3,205
Holtz Road	County Road 8	Sheldon Road	0.546	28	2	1,453
Hunts Park Road	Gateway Drive	Cul de Sac	0.424	32	2	1,290
King Hill Drive	Hook Road	Cul de Sac	0.458	24	2	1,045
Kyte Road	County Road 28	Manchester Town Line	1.613	32	2	4,906
Meadowbrook Lane - 1	Bonnie Brae Cr	Clovermeadow La	0.389	24	2	888
Mt Payne Road	Yellow Mills Rd	Stafford Rd	0.485	26	2	1,199
Pannell Road	Wayne County Line	Allen Padgham Road	0.41	28	2	1,092
Payne Road - 3	State Route 96	Collett Road	1.074	22	2	2,246
Rausler Road	Fox Road	Macedon Town Line	1.027	24	2	2,343
Rushmore Road - 2	County Road 28	Yellow Mills Road	1.075	24	2	2,453
Sand Hill Road - 2	Shortsville Road	State Route 96	0.914	26	2	2,259
Tudor Way	County Road 41	Hanover Road	0.365	21	2	729
Glen Carlyn Drive - 2	State Route 96	Pine Hill Lane	0.04	38	3	145
Corporate Drive	State Route 332	Collett Road	0.372	30	2	1,061
Creek Pointe	Tudor Way	Hanover Rd	0.405	24	2	924
Elder Drive	Holly Lane	Allen-Padgham Road	0.248	30	2	708
Amanda Place	Mulberry Drive	Marcus Way	0.051	22	2	107
Bean Pole Circle	Meadowbrook Lane	Meadowbrook Lane	0.184	24	2	420
Bonnie Brae Circle	Meadowbrook Lane	Cul de Sac	0.128	26	2	317
CalM Lake Drive	County Road 41	CalM Lake Drive	0.388	24	2	886
Coachlight Circle	Cranberry Drive	Cranberry Drive	0.345	21	2	689
Colonie Drive	King Hill Drive	Dead End	0.212	24	2	484
Commercial Drive South	State Route 96	Hammerhead	0.305	22	2	638
Coral Drive	Amber Drive	Amber Drive	0.369	22	2	772
Ebony Court	Coral Drive	Cul de Sac	0.054	22	2	113

Appendix H – Road Section Repair Types & Costs

Additional Road Sections with Recommended Crack Sealing (Sorted by High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Cost (\$)
Emma Lane - 1	County Road 41	Kris Crossing	0.233	22	2	488
Emma Lane - 2	Kris Crossing	Cul de Sac	0.093	22	2	195
Fairdale Glen	State Route 96	Cul de Sac	0.258	22	2	540
Fawn Meadow	Mertensia Rd	Cul de Sac	0.384	24	2	876
Fraser Way	County Road 41	Cul de Sac	0.427	22	2	893
Gannett Road	Willis Rd	Willis Rd	0.78	32	2	2,373
Hayride Drive	Oatfield Drive	Clover Meadow Lane	0.245	24	2	559
Hunters Drive	Deer Run	Barkwood Court	0.416	24	2	949
Jenbrooke Court	Spartan Drive	Cul de Sac	0.059	22	2	124
Jensen Court	King Hill Dr	Cul de Sac	0.16	22	2	335
Kris Crossing	Emma Lane	Fraser Way	0.122	22	2	256
Lake Run	Calm Lake Dr	Hathaway Dr	0.046	24	2	105
Lilly Brook Court	New Michigan Rd	Cul de Sac	0.211	22	2	442
Marcus Way	Cul de Sac	Cul de Sac	0.298	22	2	624
Mulberry Drive	Cul de Sac	Elder Dr	0.489	30	2	1,395
Oatfield Drive	Hammerhead	Clovermeadow La	0.299	24	2	682
Old Mill Road	Pannell Rd	Creekside Dr	0.143	20	2	272
Olde Park Square	Creek Pointe	Hanover Rd	0.163	22	2	341
Onyx Drive	Opal Dr	Clovertrail Dr	0.128	22	2	268
Opal Drive	Spartan Dr	Jade Court	0.126	22	2	264
Perez Drive	Hathaway Dr	State Route 332	0.057	36	2	196
Pheasant Crossing	Mertensia Rd	Mertensia Rd	0.307	22	2	642
Raymond Avenue	Jensen Ct	Colonie Dr	0.109	22	2	228
Squire Lane	King Hill Dr	Cul de Sac	0.085	22	2	178
Stonefield Lane	Green Rd	Cul de Sac	0.522	22	2	1,092
Sunset Drive	Allen-Padgham Rd	Cul de Sac	0.169	26	2	418
White Tail Lane	Hunters Drive	Buckskin Drive	0.153	24	2	357
Willis Road	Gannett Road	Hook Road	0.115	40	2	438
Windsor Circle	Hanover Road	Cul de Sac	0.048	20	2	92
Woodside Circle	Stonefield Lane	Cul de Sac	0.057	22	2	120
Marion Way	Onyx Drive	Spartan Drive	0.354	22	2	741
Suede Circle	Cul de Sac	Whitetail La	0.083	24	2	190
Sheldon Road - 6	Herendeen Rd	Dead End	0.121	22	2	253

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended 1.5" Mill & Fill (Sorted by High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Category	Repair Cost (\$)	Budget Year
Birchwood Drive	Mt Ash Drive	Canandaigua Town Line	0.271	24	2	Overlay	35,063	3
Gateway Drive	Plastermill Rd	State Road 332	0.258	34	2	Overlay	47,289	3
Wheatstone Drive	Clover Meadow Lane	Flaxen Drive	0.164	24	2	Overlay	21,219	3
Bittersweet Drive	Allen Padgham Rd	Barberry La	0.28	30	2	Overlay	45,284	3
Dalton Drive	Cul de Sac	Meadowbrook La	0.594	20	2	Overlay	64,044	3
Cranberry Drive	Cul de Sac	Meadowbrook Lane	0.265	21	2	Overlay	30,001	4
Fallow Lane	County Road 41	Hunters Drive	0.113	24	2	Rehab	14,620	4
Sycamore Circle	Maplewood Drive	East to Stoneway	0.061	20	2	Rehab	6,578	4

Road Sections with Recommended 1.5" Overlay (Sorted by High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Cost (\$)	Budget Year
Huckleberry Road	Cul de Sac	Allen Padgham Rd	0.255	30	2	34,051	3
Heather Lane	Bittersweet Drive	Allen Padgham Road	0.443	30	2	59,155	3
Nettle Creek Lane	New Michigan Rd	End	0.104	24	2	11,110	3

Road Sections with Recommended 2" Mill & Fill Reshape (Sorted by High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Cost (\$)	Budget Year
Collett Road West - 4	Hook Road	County Road 8	1.076	26	2	193,505	1
Cornfield Circle	Flaxen Drive	Cul de Sac	0.127	24	2	21,082	1
Belmont Drive	Hook Road	Cul de Sac	0.292	22	2	44,434	2
Carriage Court	Farmbrook Drive	Farmbrook Drive	0.21	20	2	29,051	2
Chelsea Place	Estate Dr	Cul de Sac	0.069	22	2	10,500	2
Church Ave	Allen Padgham Road	Hook Road	0.168	22	2	25,565	2

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended 2" Mill & Fill Reshape & Replace Gutters

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Cost (\$) ▼	Budget Year ▼
Limestone Lane	Cul de Sac	Cul de Sac	0.108	24	2	34,215	2

Road Sections with Recommended Single Chip Seal (Sorted by High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Category ▼	Repair Cost (\$) ▼	Budget Year ▼
Collett Road - 2	Payne Road	County Road 28	1.567	26	2	Surface Treatments	40,873	2
Plaster Mill Road - 1	Loomis Road	Gateway Drive	0.327	32	2	Surface Treatments	10,498	1
Plaster Mill Road - 2	Gateway Drive	Victor Town Line	0.265	32	2	Surface Treatments	8,508	1
Herendeen Road - 1	County Road 28	Yellow Mills Rd	1.299	24	2	Overlay	31,276	2
Maxwell Road	Rausler Road	County Road 28	1.241	24	2	Overlay	29,880	2
Farmington Road	Hook Road	Wayne County Line	0.343	26	2	Overlay	8,947	2
Martz Road	Hook Rd	County Rd 8	0.571	28	2	Overlay	16,040	2
Allen-Padgham Road - 3	Hook Road	County Road 8	0.433	32	2	Overlay	13,901	3
Fox Road - 3	County Road 28	Ellsworth Road	0.312	25	2	Overlay	7,825	2
State Street	State Route 96	Manchester Town Line	0.55	28	2	Overlay	15,450	3
Rushmore Road - 1	Sheldon Rd	County Road 28	1.541	22	2	Overlay	34,011	3
Sand Hill Road - 1	Latting Road	Shortsville Road	0.681	26	2	Overlay	17,763	3
Wiborn Road	Sheldon Road	County Road 28	1.278	24	2	Overlay	30,771	3
Yahn Road	Weigert Road	Hook Road	0.852	22	2	Overlay	18,804	3
Curran Road	Crowley Rd	Hook Rd	0.347	22	2	Overlay	7,659	3
West Corporate Drive	State Route 332	Collett Road West	0.488	24	2	Overlay	11,750	3

Road Sections with Recommended Cleaned Gutters (Sorted by High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Cost (\$) ▼	Budget Year ▼
Spartan Drive	Canadaigua Town Line	Marion Way	0.356	22	2	1,241	1
Red Fern Drive - 1	Meadowbrook La	Running Brook Rd	0.262	20	2	831	1
Alfalfa Crescent	Meadowbrook Lane	Meadowbrook Lane	0.025	24	2	96	1

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended Contour Mill & Overlay (Sorted by High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Category ▼	Repair Cost ▼	Budget Year ▼
Hook Road - 2	Collett Road West	Curran Road	0.924	26	2	Overlay	105,284	1
Shortsville Road - 2	Payne Rd	County Rd 28	1.443	28	2	Overlay	177,067	1
Beaver Creek Road - 2	Race Track Entrance	State Road 96	0.277	38	3	Overlay	46,129	2
Stafford Road	Yellow Mills Road	Manchester Town Line	0.3	22	2	Overlay	28,924	2
Tomra Trail	Dead End	Loomis Road	0.13	22	2	Overlay	12,534	2
Hook Road - 3	Curran Road	Allen-Padgham Road	2.391	26	2	Rehab	272,436	4
Town Line Road Canadaigua - 1	County Road 8	Payne Road	0.87	24	2	Rehab	91,505	4
Ellsworth Road	Fox Rd	Turner Rd	1.121	24	2	Rehab	117,904	4
Allen-Padgham Road - 2	Bowerman Road	Hook Road	1.099	32	2	Rehab	154,121	5
Weigert Road - 1	Crowley Road	Yahn Road	0.622	28	2	Rehab	76,324	5
Weigert Road - 2	Yahn Road	Brownsville Road	0.584	28	2	Rehab	71,662	4
Town Line Road Canadaigua - 2	Payne Road	County Road 28	1.214	24	2	Rehab	127,686	5
Collett Road West - 1	Dead End	Mertensia Road	0.249	24	2	Rehab	26,189	5

Appendix H – Road Section Repair Types & Costs

Road Sections with Deferred Maintenance

Name ▾	From ▾	To ▾	Length ▾	Width ▾	Lanes ▾
Hook Road - 1	State Route 96	Collett Road West	0.753	26	2
Hawthorne Circle	Cul de Sac	Mulberry Drive	0.129	31	2
Fox Road - 1	Sheldon Road	Rausler Road	0.664	27	2
Collett Road West - 3	State Route 332	Hook Road	0.736	28	2
Mertensia Road - 1	County Road 41	Fawn Meadow	0.1	32	2
Honeysuckle Lane	Heather Lane	Allen-Padgham Road	0.154	30	2
Collett Road West - 2	Mertensia Road	State Route 332	0.206	28	2
Mertensia Road - 3	State Route 96	Elizabeth Way	0.269	30	2
Sheldon Road - 3	Holtz Road	Rushmore Road	0.655	30	2
Yellow Mills Road - 2	Herendeen Road	Rushmore Road	0.583	26	2
Shortsville Road - 1	County Rd 8	Payne Rd	0.765	28	2
Allen-Padgham Road - 1	Wayne County Line	Bowerman Road	0.393	30	2
Fox Road - 4	Ellsworth Road	Yellow Mills Road	0.698	24	2
Payne Road - 1	Canandaigua Town Line	Shortsville Rd	1.205	22	2
Bowerman Road - 2	Allen Padgham Rd	Wayne County Line	0.43	28	2
Fox Road - 2	Rausler Road	County Road 28	1.18	25	2
Latting Road	Sand Hill Rd	Manchester Town Line	0.994	24	2
Meadowbrook Lane - 2	Clovermeadow La	Bean Pole Cr	0.091	24	2
Meadowbrook Lane - 3	Bean Pole Cr	Hammerhead	0.225	24	2
Payne Road - 2	Shortsville Rd	State Route 96	0.559	24	2
Sheldon Road - 4	Rushmore Road	Wisborn Road	0.619	28	2
Sheldon Road - 5	Wisborn Road	Herendeen Road	0.419	28	2
Barkwood Court-2	Hunter Drive	Cul de Sac	0.052	24	2
Beechwood Drive	Mt Ash Drive	Walnut Drive	0.211	22	2
Bridle Path Lane	Hook Road	Belmont Lane	0.083	22	2
Buckskin Drive - 1	Deer Run	Barkwood Ct	0.295	20	2
Buckskin Drive - 2	Barkwood Ct	Barkwood Ct	0.15	24	2
Deer Run	Mertensia Rd	Hunters Dr	0.04	20	2
Elmwood Circle	Birchwood Drive	Mt Ash Dr	0.212	24	2
Heritage Circle	Cranberry Drive	Cranberry Drive	0.21	20	2
Holly Lane	Mulberry Dr	Barberry La	0.15	30	2
Maplewood Drive	Canandaigua Town Line	Mt Ash Dr	0.275	24	2
Mt Ash Drive	Elmwood Dr	State Route 332	0.385	24	2
Omega Drive	Spartan Dr	Hammerhead	0.046	22	2
South Stafford Road	NYS Thruway	Kyte Rd	0.266	22	2
Stuart Circle	Tudor Way	Cul de Sac	0.05	20	2
Walnut Drive - 1	Beechwood Drive	Maplewood Drive	0.15	22	2
Calm Lane	County Road 41	Calm Lake Drive	0.04	24	2
Barkwood Court - 1	Tudor Way	Hunter Drive	0.058	20	2
Jade Court	Canandaigua-Farmington Town Line	End (Construction)	0.071	22	2
Monarch Drive	New Michigan Road	Hammer Head	0.196	22	2
Swallowtail Drive	Monarch Drive	End (Construction)	0.1	22	2
Kennebec Court	Hook Road	Harlow Lane	0.276	22	2
Harlowe Lane	Collett Road West	Kennebec Court	0.306	22	2
Tweed Trail	Harlowe Lane	Hammer Head	0.041	22	2
Redfield Drive	Hook Road	Hammer Head	0.208	24	2

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended Fiber Mat / Cape Seal (Sorted from High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Category	Repair Cost (\$)	Budget Year
Farmbrook Drive - 2	Carridge Court	Meadowbrook Lane	0.08	24	2	Overlay	8,121	2
Running Brook Rd	Red Fern Drive	Wood Drive	0.33	24	2	Surface Treatments	33,497	2
Wood Drive	Running Brook Rd	County Road 41	0.182	24	2	Surface Treatments	18,474	2
Farmbrook Drive - 1	State Route 332	Carriage Court	0.156	40	2	Overlay	26,391	2
Antlers Drive - 1	Mertensia Rd	Doe Haven Dr	0.166	22	2	Surface Treatments	15,446	2
Antlers Drive - 2	Doe Haven Dr	Doe Haven Dr	0.05	20	2	Surface Treatments	4,230	2
Chipmunk Circle	Stonefield lane	Cul de Sac	0.058	22	2	Surface Treatments	5,397	2
Creeside Drive	Cul de Sac	Pannell Rd	0.176	20	2	Surface Treatments	14,888	2
Elizabeth Way	State Route 96	Mertensia Road	0.377	22	2	Surface Treatments	35,078	2
Holland Drive	Glen Carlyn Dr	Cul de Sac	0.22	22	2	Surface Treatments	20,470	2
Mecier Boulevard	State Route 332	Cul de Sac	0.227	22	2	Surface Treatments	21,121	2
Commercial Drive North	Dead End	Collett Road	0.16	24	2	Surface Treatments	16,241	3
Deerfield Drive	Mertensia Rd	Doe Haven Dr	0.219	22	2	Surface Treatments	20,377	3
Galvin Court	Allen-Padgham Rd	Cul de Sac	0.166	24	2	Surface Treatments	16,850	3
Wishing Well Lane	Red Fern Drive	Dalton Drive	0.133	20	2	Surface Treatments	11,251	3
Walnut Drive - 2	Beechwood Dr	Birchwood Dr	0.055	20	2	Surface Treatments	4,653	2
Red Fern Drive - 2	Meadowbrook Ln	Limestone Ln	0.05	24	2	Surface Treatments	5,076	3
Barberry Lane	Elder Dr	Heather Lane	0.213	30	2	Overlay	27,025	3
Creek View Trail	Mertensia Rd	Cul de Sac	0.181	24	2	Overlay	18,372	3
Flaxen Drive	Clover Meadow Lane	Bonnie Brae Circle	0.284	24	2	Overlay	28,827	3

Road Sections with Recommended Concrete Gutter Replacement

Name	From	To	Length	Width	Lanes	Repair Cost (\$)	Budget Year
Pine Hill Lane	Glen Carlyn Dr	Cul de Sac	0.113	20	2	3,582	1

Road Sections with Recommended Semi-Permanent Patching (Sorted from High to Low Priority)

Name	From	To	Length	Width	Lanes	Repair Cost (\$)	Budget Year
Hanover Road	Creek Pointe	Tudor Way	0.31	22	2	24,271	2
Hathaway Drive	County Road 41	Dead End (Construction)	0.308	24	2	26,307	2
Scottsdale Drive	Glen Carlyn Dr	Hammerhead	0.043	22	2	3,367	3

Appendix H – Road Section Repair Types & Costs

Road Sections with Recommended T & L 1" Overlay (Sorted from High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Type ▼	Repair Cost (\$) ▼	Budget Year ▼
Loomis Road - 1	Hook Road	Plastermill Road	1.006	28	2	T & L / 1" Overlay	77,041	5
Loomis Road - 2	Plastermill Road	State Route 332	0.093	22	2	T & L / 1" Overlay	5,596	3

Road Sections with Recommended Total Reconstruction with Underdrain (Sorted from High to Low Priority)

Name ▼	From ▼	To ▼	Length ▼	Width ▼	Lanes ▼	Repair Cost (\$) ▼	Budget Year ▼
Windingo Lane South	Cranberry Drive	Cul de Sac	0.053	22	2	45,432	5
Windingo Lane North	Cranberry Drive	Cul de Sac	0.061	20	2	47,542	5

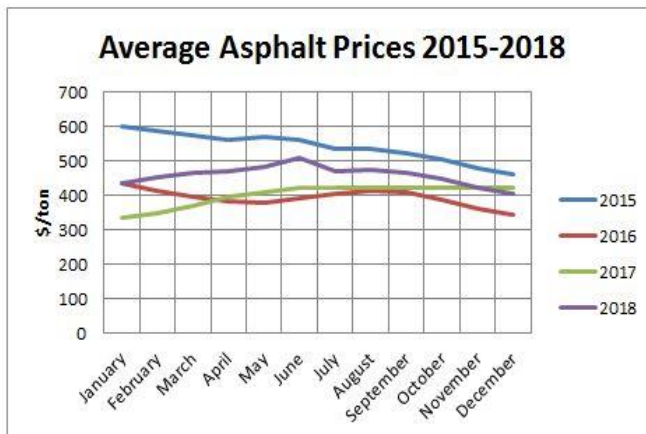
Appendix I – Asphalt Price Prediction

NYS DOT Average Posted Prices for Asphalt (Performance Graded Binder) \$/ton

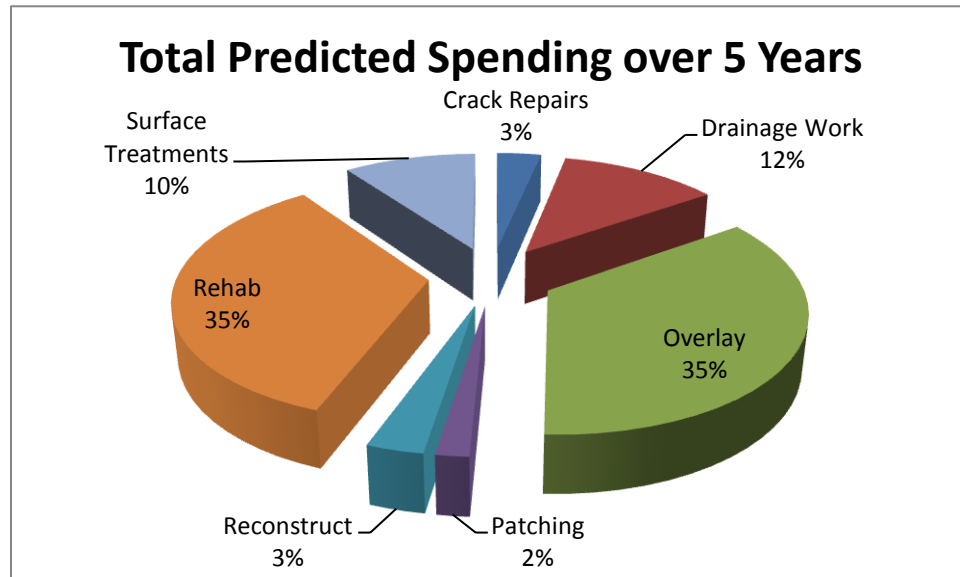
	2015	2016	2017	2018	Average
January	600	432	334	431	449.3
February	586	411	345	450	448.0
March	572	392	369	462	448.8
April	561	382	393	466	450.5
May	569	377	409	479	458.5
June	559	390	420	507	469.0
July	535	404	422	469.5	453.7
August	532	412	420	472.0	454.7
September	521	406	420	463.5	449.0
October	504	386	421	445.0	437.0
November	477	360	419	418.5	418.7
December	458	343	420	400.5	407.0
Total Average=					445.3

Asphalt is normally purchased from June-August
Average price from June-August=\$ 459.1

Use an estimated average price of \$460 for the next 5 years



Appendix J – Predicted Spending by Repair Category



Repair Category	Total Predicted Spending over 5 Years (\$)
Crack Repairs	101,307
Drainage Work	364,102
Overlay	1,069,967
Patching	53,945
Reconstruct	92,974
Rehab	1,041,662
Surface Treatments	302,928

Appendix K – Description of Distresses

Longitudinal/Transverse Cracking



Creek View Trail

Longitudinal cracks run parallel to the center of the road. They are usually found at the construction joints and in between lanes. Transverse cracks run perpendicular to the roadway centerline. Transverse cracks are normally spaced at even intervals due to expansion and

contraction of the surface material. Longitudinal and transverse cracks are known to be reflective and appear above joints and cracks from lower pavement levels.

Severity:

Low – Thin cracks that are around the width of a pencil tip and have little to no spalling. These cracks may have already been crack sealed at a prior time, but are starting to reappear.

Moderate – Cracks are up to a $\frac{1}{4}$ " in width and have some spalling. Smaller cracks are beginning to appear off of the main branches.

High – Cracks are easily noticeable and well-defined with deposits of foreign material like sand and stones. The pavement is spalling and starting to break apart.

Extent:

Low – The longitudinal cracking covers less than 10% of the road length and transverse cracks are at 50' intervals or larger,

Moderate – 10-30% of the section length is covered in longitudinal cracks and the transverse cracks are between 25' and 50' apart.

High – Over 30% of the section length has longitudinal cracking and the transverse cracks are less than 25' apart.

Alligator Cracking



Windigo Lane

Alligator cracking is the interconnected crack patterns that closely resemble alligator skin or chicken wire. The pavement pieces range from 1" to 6" on a side.

Severity:

Low – The alligator crack pattern is just beginning to appear, but they have no measurable width and there is no actual pavement separation visible.

Moderate – Cracks are easily noticed and up to 1/8" wide with some pieces breaking apart

Severe – Cracks are 1/8" or wider and the pavement is starting to break away from its original location.

Extent:

Low – Alligator cracking covers 1-10% of the roadway section.

Moderate – The alligator cracking covers 10-30% of the roadway section.

High – Over 30% of the roadway section has alligator cracking present

Edge Cracking



Town Line Road

Edge cracks are adjacent and run parallel to the edge of the pavement. They are normally confined to 2 feet from the pavement edge, but can make their way into the travel lane if they're not treated.

Severity:

Low – Cracks are evident, but are less than 1/8" wide and no more than 12" from the pavement edge. No breakup has occurred.

Moderate – There are multiple cracks that run along the edge of the pavement and extend up to 24" into the pavement. Some raveling and breakup is present.

High – The edge cracking is extensive and over 24" into the roadway. They are starting to look like alligator cracks.

Extent:

Low - Less than 10% of the roadway section has edge cracking present.

Moderate – 10-30% of the section length has edge cracking.

High – Edge cracking covers over 30% of the section length.

Drainage



Limestone Lane

The ability for water to flow from a paved area to a location that is not a contributor to the roadway and its conditions are how drainage conditions are determined. Accumulation of debris, fine materials, and the high water mark are useful indicators of any existing drainage problems.

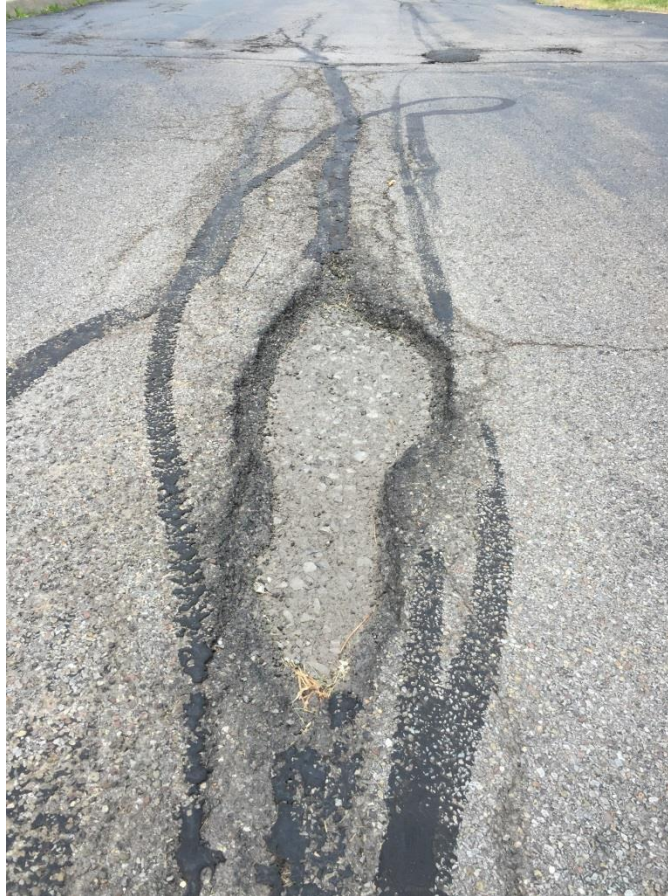
Condition:

Good - Water does not accumulate on the pavement surface. There is a visible crown in the road with clean, clear, and functioning ditches, gutters, and any other drainage structures.

Fair – Water occasionally accumulates on the road. The crown has started to lose its grade and the ditches, gutters, as well as any other drainage surfaces are in need of maintenance.

Poor – Water remains on the pavement surface for an extended period of time after a rainfall. The roadway has almost completely lost its crown and the ditches, gutters, and other drainage structures are no longer functioning.

Patching/Potholes



Farmbrook Drive

Patching is defined as any area where the original pavement was removed and replaced with deterioration occurring. Potholes refer to pieces of pavement that have broken away and resulted in a bowl-shaped depression.

Severity:

Low – Less than 10% of the area has patching with fewer than 5 potholes for every 100' of section length.

Moderate – 10-30% of the section area has patching with approximately 5-10 potholes per 100’.

High – Patching covers over 30% of the section area with more than 10 potholes for every 100’ of section length.

Roughness



Carriage Court

Pavement roughness refers to any irregularities in the roadway surface that impact the smoothness of the ride.

Condition:

Good – The road has an even surface that makes for a smooth ride. This generally refers to new and recently resurfaced roadways.

Fair – Unevenness in the roadway is noticeable but drivers can continue to travel at the posted speed limit.

Poor – The pavement is overly uneven and may cause a safety hazard for vehicles attempting to travel at the posted speed limit.

Rutting



Loomis Road

Rutting refers to the channels in the pavement along the vehicle wheel path and creates water accumulation on the road surface.

Severity:

Low – Ruts are less than ½" deep.

Moderate – Ruts are between ½" and 1" deep.

High – Ruts are over 1" deep and water is accumulating on the road surface.

Extent:

Low – Rutting runs along less than 10% of the section length.

Moderate – 10-30% of the road surface is covered by rutting.

High – Over 30% of the road surface is covered by rutting.

Bleeding

Allen Padgham Road

Bleeding refers to the extra asphalt material on the roadway surface. Excessive bleeding can be a safety hazard due to decreased skid resistance.

Condition:

Good – There is no bleeding present or only isolated spots of bleeding can be seen.

Fair – Bleeding covers approximately 5% of the roadway surface.

Poor – Over 30% of the road surface has bleeding.

Raveling



Farmington Road

Raveling refers to the wearing away of the pavement surface due to the loss of aggregate and asphalt binder. Raveling includes the loss of both fine and coarse aggregate. This creates a rough and pitted surface and the missing aggregate is obvious.

Condition:

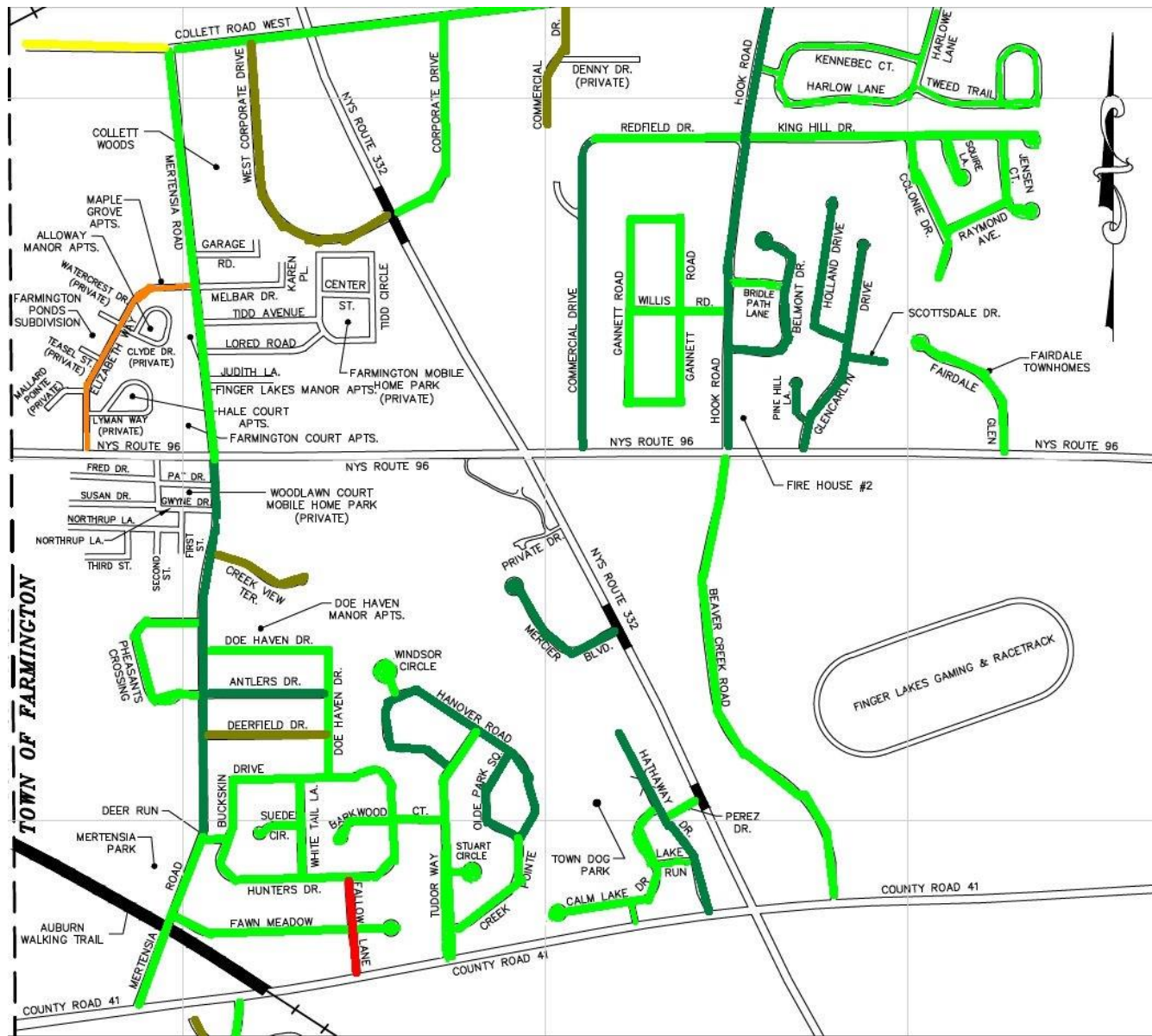
Good – None to minor loss of fine aggregate.

Fair – Loss of fine aggregate and minor loss of coarse aggregate.

Poor – Loss of coarse aggregate.

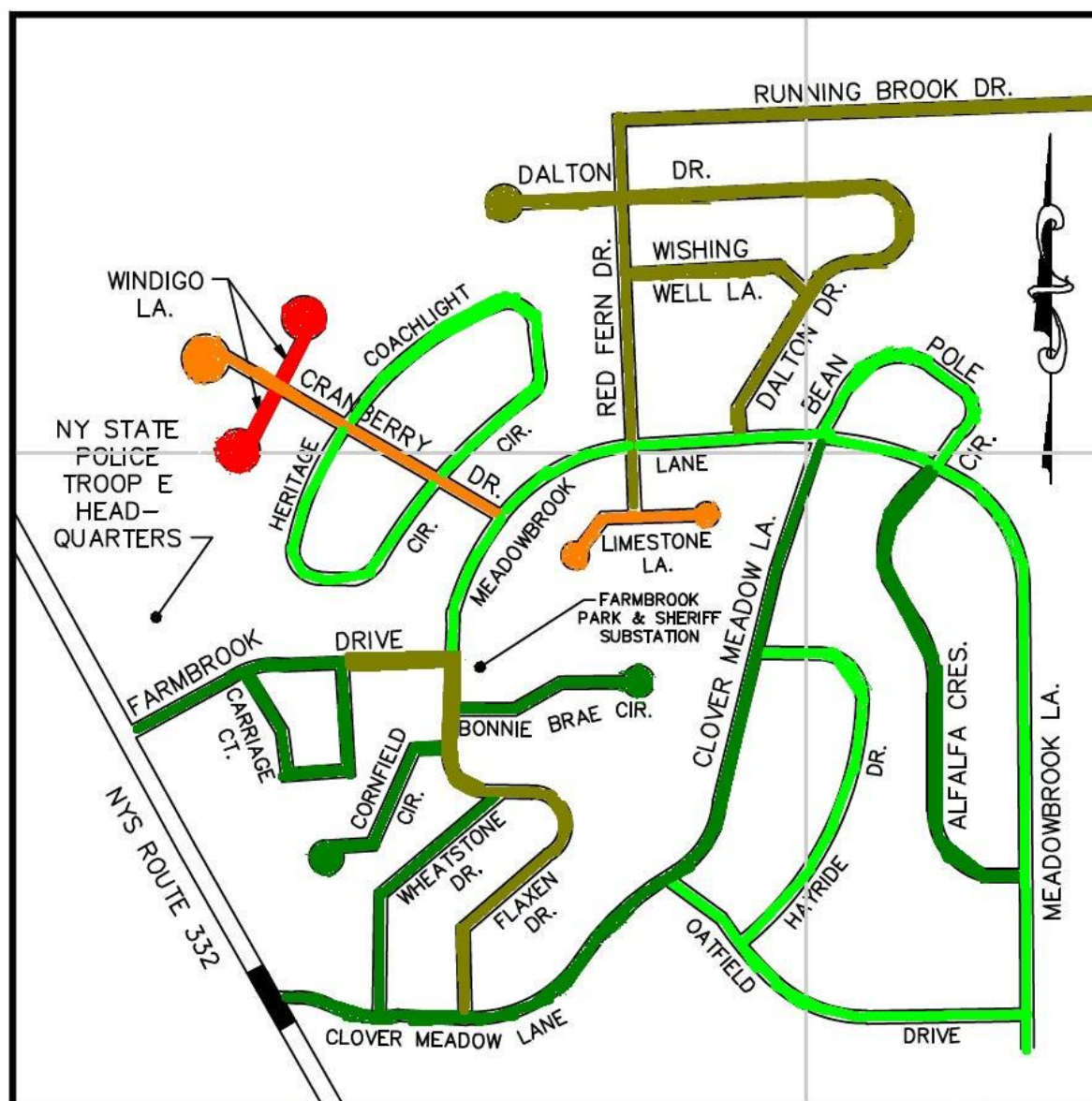
Appendix L – PCI Index Map

The following maps represent the PCI grades each road section received and are distinguished by color. All roads that have been colored are maintained by the Farmington Highway Department. Any sections that are not colored are either private, county, or state roads. Maintenance of these roads is not the Farmington Highway Department's responsibility.



Detail "A"

PCI Legend	
90+	
85-89	
80-84	
75-79	
70-74	
65-69	
64 or below	



D

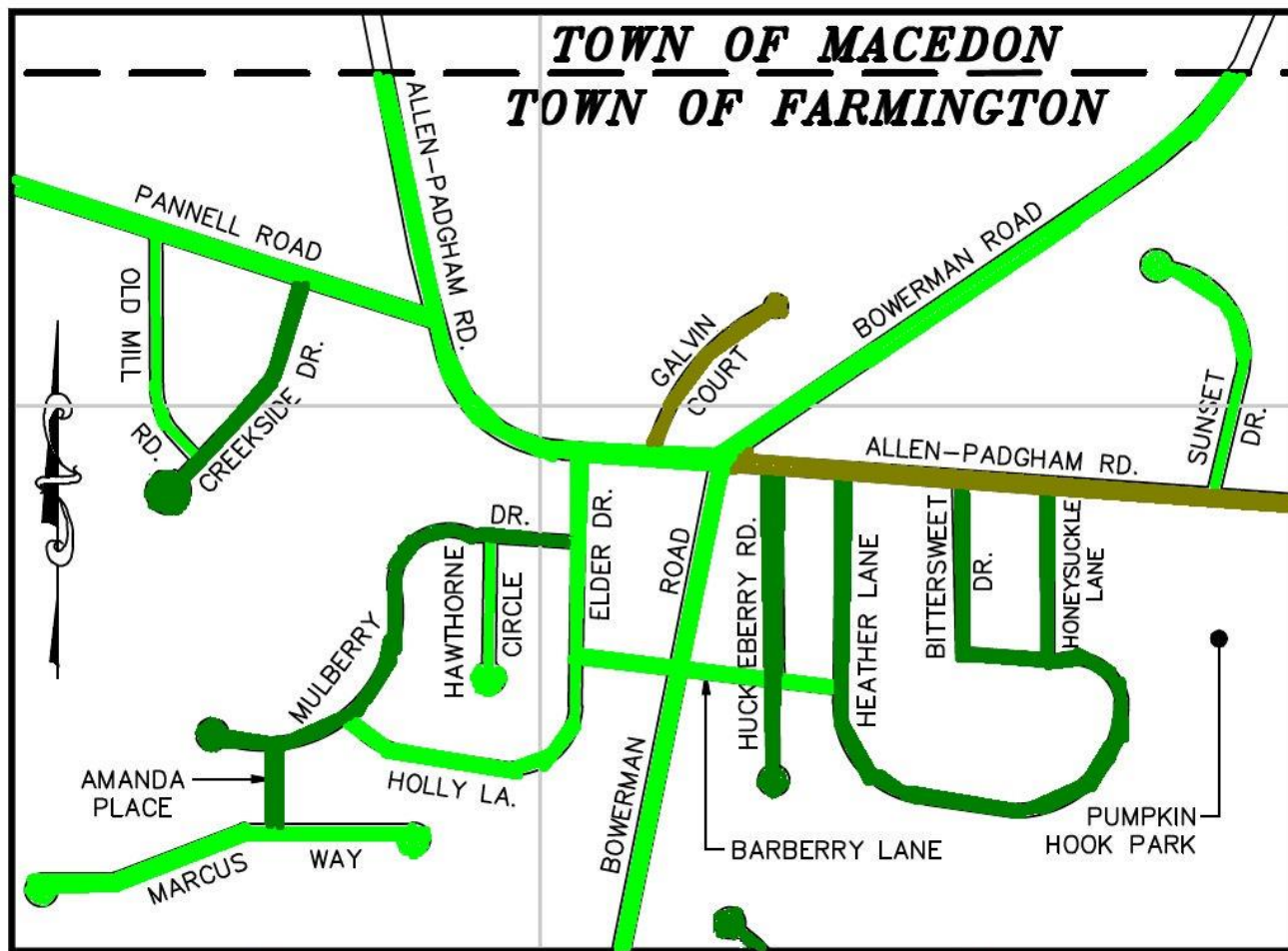
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DETAIL "B"

10

11

PCI Legend	
90+	
85-89	
80-84	
75-79	
70-74	
65-69	
64 or below	

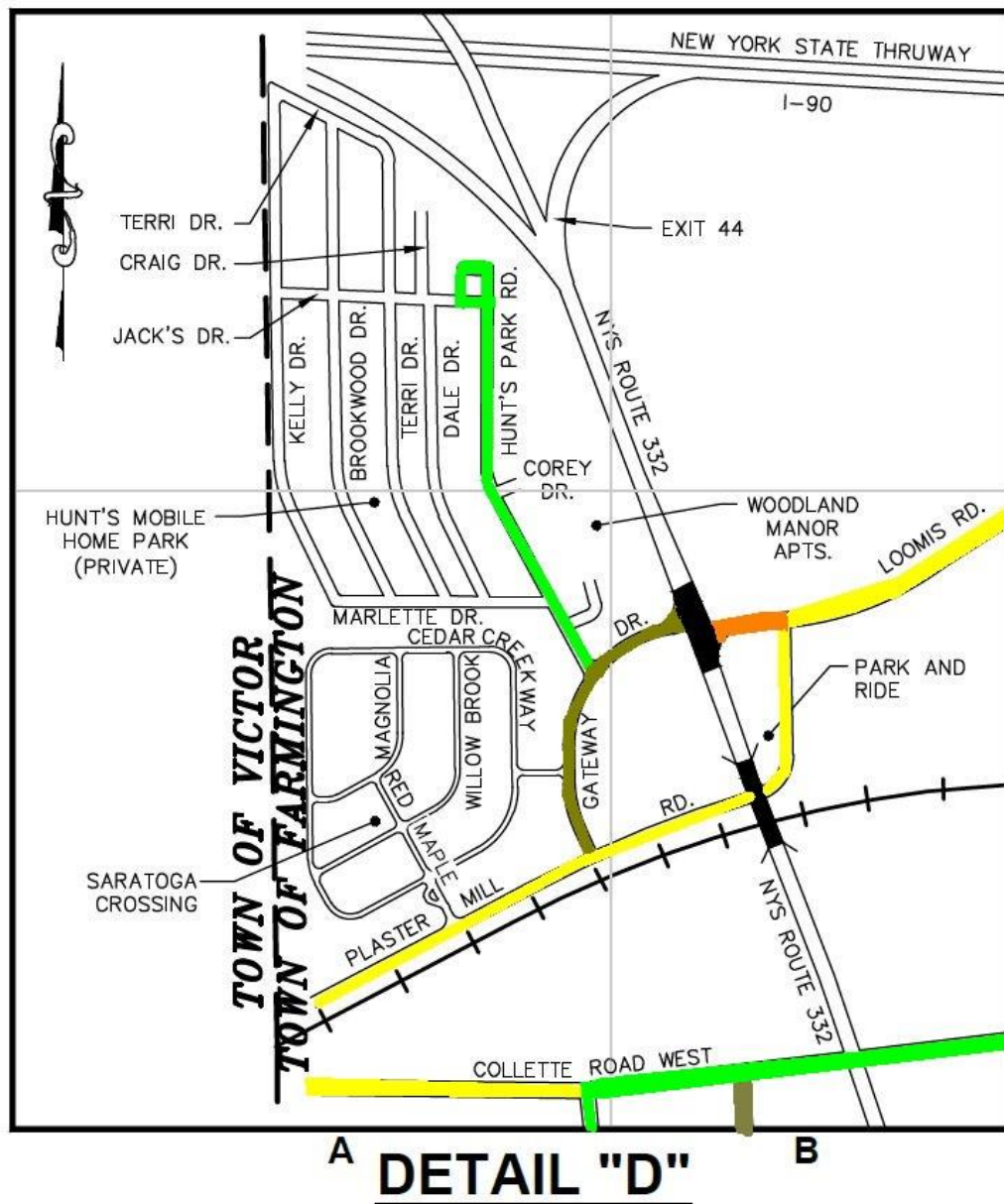


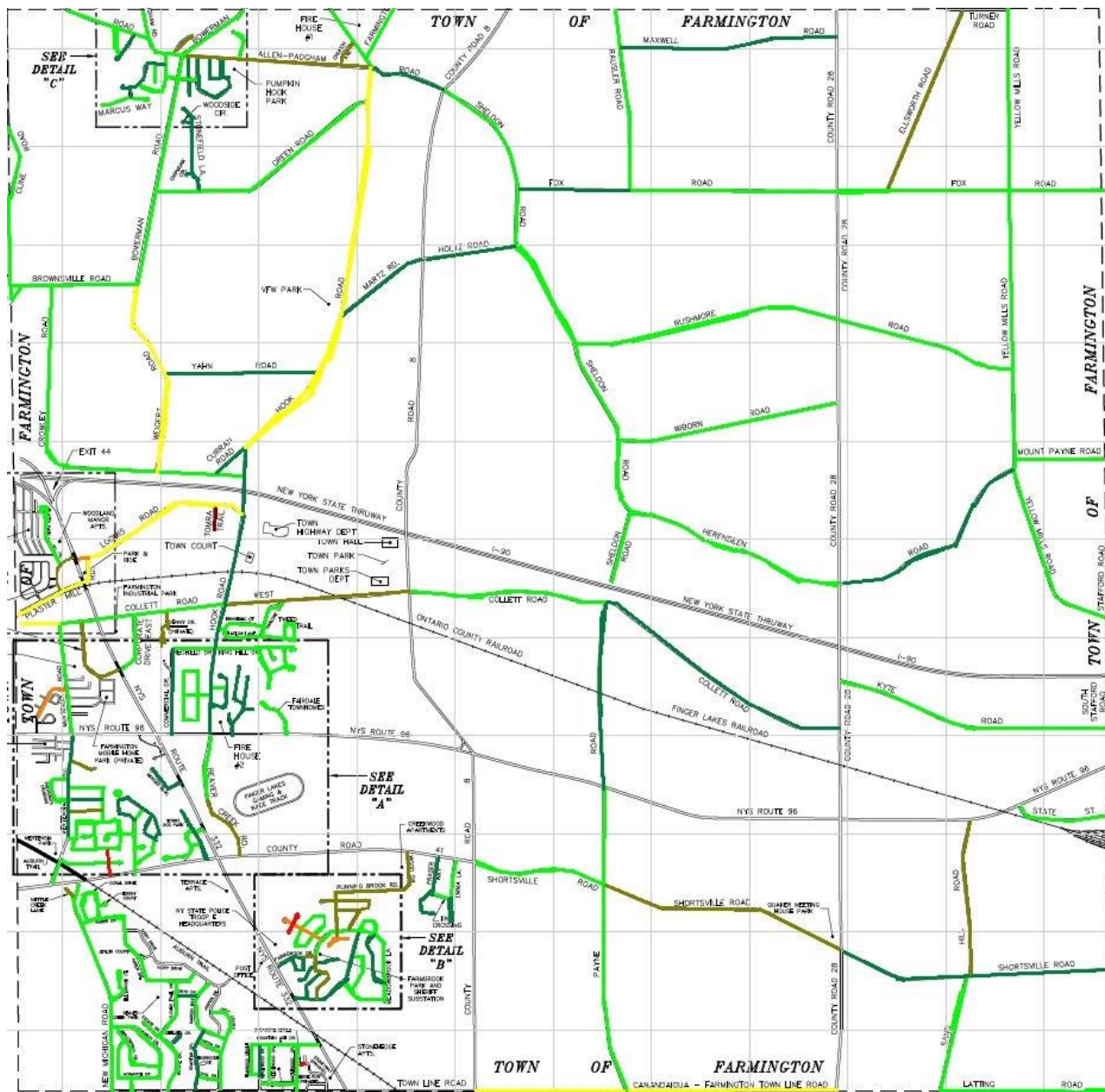
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2

PCI Legend	
90+	
85-89	
80-84	
75-79	
70-74	
65-69	
64 or below	

DETAIL "C"





Town of Farmington Roadway Map

PCI Legend	
90+	
85-89	
80-84	
75-79	
70-74	
65-69	
64 or below	

Appendix M – Priority Value Equation

k1	<input type="text" value="1"/>	Repair Category Weight
k2	<input type="text" value="1"/>	Section Importance Weight
k3	<input type="text" value="1"/>	Section Traffic Weight
k4	<input type="text" value="1"/>	Section PCI Weight
k5	<input type="text" value="1"/>	Section Drainage Weight
k6	<input type="text" value="1"/>	Section Roughness Weight

Priority = k1*Repair_Category_Priority_Value * (k2*Imp + k3*Traf + k4*PCI/10 + k5 * Drainage + k6 * Roughness)

CAMP-RS Software

References

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