

Pavement Management Study 2017

HUDSON, MASSACHUSETTS

PREPARED FOR

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February 2018

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Introduction

The Town of Hudson retained Vanasse Hangen Brustlin, Inc (VHB) in the summer of 2017 to update the Town's pavement management system in order to get an accurate picture of the current condition of Town Roads, determine paving budget needs, and to assist with prioritizing pavement maintenance and rehabilitation needs.

Under the scope of this project, VHB performed a detailed inspection of the condition of the pavement on approximately 93.7 miles of roads, which will be analyzed in this report. VHB then created a database of this information which can be viewed, edited and analyzed using VHB's RoadManager™ software. VHB will be loading the pavement data into the SAM-IS (Smart Asset Management and Inventory System) which will be implemented for the Town's use to continue the planning and data maintenance process.

This report describes the steps taken in this project, the results of the field evaluations, and compares the results of some potential roadway funding scenarios.

Theory of Pavement Management

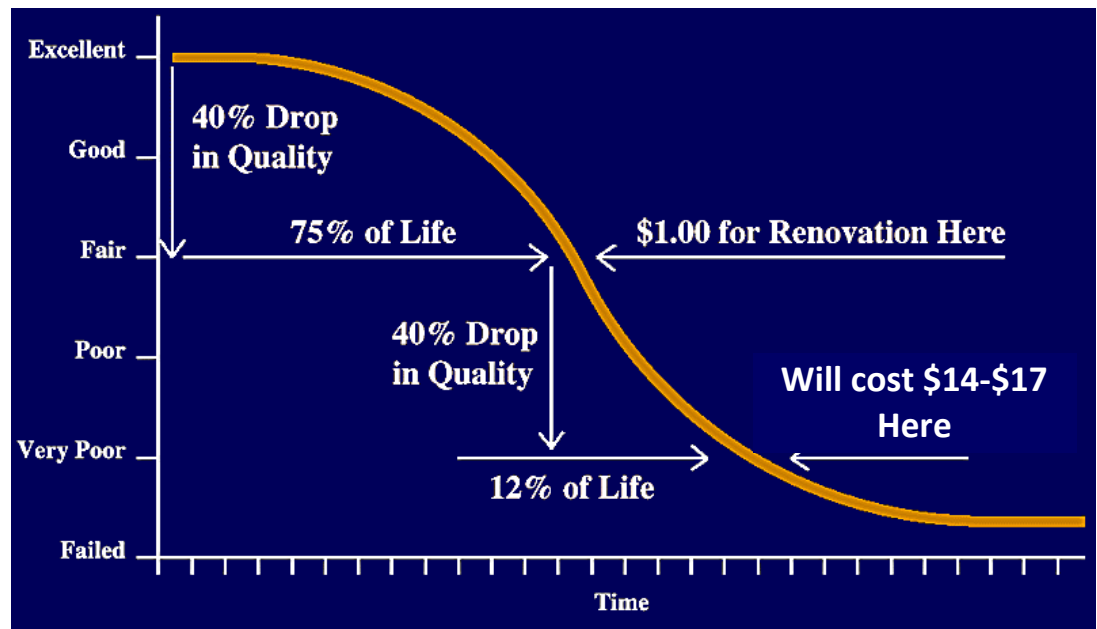
Pavement management is the practice of planning for pavement repairs and maintenance with the goal of maximizing the value and life of a pavement network.

To accomplish this, a community needs to have several repair techniques in its arsenal and the knowledge of when to apply each of these. This is where pavement management comes into play. With a comprehensive database of road conditions, the computer can model when to perform which repairs on a street network. Of course, engineering judgment is required to finalize any list of street repairs, as no computer model can take every variable analyzed in making a repair decision into account. The computer system is a great springboard to help a community start its repair program for each year and is an excellent method of storing the repair data.

The Pavement Deterioration Curve

Below is a model of how a street's pavement deteriorates over time. Interpreting the curve, a street starts out in excellent condition when it is newly constructed. Midway through its life, a low-cost repair such as crack seal and patch will cost approximately a dollar a square yard. It takes only a few years for the window of opportunity to perform this low-cost maintenance to pass after which the road would need an overlay costing \$14 to \$17 per square yard. By performing timely maintenance, road conditions can be improved today, and then continue down the deterioration curve from a higher condition level, thereby extending the life of the road.

Figure 1 Typical Pavement Deterioration Curve



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Methodology

VHB first performed a pavement management study for the Town of Hudson in 2008. The roadway database developed in 2008 was used as the basis for the 2017 study. Each of the following steps were followed to ensure that the pavement database and evaluations are complete and current. Each step taken in developing the pavement management database, and configuring it so that network wide pavement analysis could be performed, is described below.

Network Identification

Network Identification builds an inventory of streets that describe the municipality's complete roadway network. The direction of travel, street length, width, one-way status, ownership, classification, zone and pavement type are among the items identified at this initial phase in the pavement management process. This integral step ensures the streets surveyed are the definitive set to be analyzed.

Pavement Management Section Identification

Once the Network Identification is complete, the field work begins. Each street contains one or more pavement management sections. A pavement management section defines the limits of previous construction or maintenance activities within each street. Segments are defined by having the same width, typical distresses, one-way status, functional class, etc. The goal is to set up homogenous areas of pavement to aid in assigning the appropriate repair. A street may be one section, or it may be comprised of several pavement management sections, depending on its construction history.

Surface Distress Assessment

For each pavement management section, the severity and extent of nine major pavement distresses are recorded, then entered into a weighted formula to arrive at a Pavement Condition Index (PCI). The distresses are categorized as base related or surface related distresses. Base related distresses indicate that the subsurface soil strength is inadequate for the existing traffic load. Streets that show significant base related distresses may need to have the subsurface soils fortified with stone to strengthen the structure and/or the street may need a significantly thicker layer of pavement. Surface related distresses are caused by age and weathering of the pavement. Streets that have predominantly surface related distresses are excellent candidates for maintenance sealing to inhibit further pavement oxidization (the main effect of aging). Streets with more of the base related distresses will most likely need some full depth patching, structural overlays or reclamation/reconstruction.

The four base-related distresses are:

- › potholes
- › alligator cracking
- › distortion
- › rutting

The five surface-related distresses are:

- › block cracking
- › transverse or longitudinal cracking
- › bleeding or polished aggregate
- › surface wear or raveling
- › corrugations, shoving, and slippage

PCI Defined

A PCI was generated for each inventoried pavement management section in Hudson using the surface distress data collected by VHB. PCI is measured on a scale of one hundred to zero, with one hundred representing a pavement in perfect condition and zero describing a road in impassable condition. Each type of observed pavement distress is assigned a deduct value based on the type, severity and extent of the defect. A more severe distress type, such as non-utility patching, has a higher deduct point value than a lesser distress such as transverse cracking. A weighted sum of the deduct points is then subtracted from the perfect “one hundred” road in order to generate a PCI for each roadway segment. In general, base related (pavement foundation) distresses are weighted more heavily than surface related distresses.

The Five Treatment Bands

VHB’s RoadManager™ software uses broad ranges to group the individual repair types into five major treatment bands. Treatment bands are a useful tool to summarize data on a Town-wide basis. An individual road segment will fall into a particular category based on the strategy table’s output of repair types and will vary due to functional classification. The goal is to gain a broad understanding of the existing conditions in simple yet meaningful terms.

Table 1 Treatment Band Descriptions

Treatment Band	PCI ¹	Description
Do Nothing	93-100	Excellent condition – in need of no maintenance.
Routine Maintenance	86-92	Good condition – may be in need of crack sealing or minor localized repair.
Preventive Maintenance	73-85	Fair condition – pavement surface may be in need of surface sealing, full-depth patch and/or crack sealing.
Structural Improvement	56-72	Deficient condition – pavement surface structure in need of added strength for existing traffic. Typical repairs are overlay with or without milling.
Base Rehabilitation	0-55	Poor condition – in need of base improvement. Typical repairs are reclamation or full-depth reconstruction.

1 These are only general PCI ranges for reference purposes and represent only one pavement type. There are several fields considered by the strategy table when assigning repair types to each individual street.

Do Nothing

The Do Nothing category exhibits roads which are in need of no immediate maintenance. These roads are in excellent condition and existing distresses generally do not need to be addressed.

Lawrence Dr – Do Nothing - PCI 100



Routine Maintenance

Routine maintenance activities are those which are taken to correct a specific pavement distress. Routine maintenance usually addresses localized pavement defects and includes activities such as crack sealing.

Grove St – Routine Maintenance - PCI 90



Preventive Maintenance

Preventive maintenance activities are those which are performed at planned intervals to protect and seal the pavement. In Hudson, thin overlays would typically be used to preserve the life of roads in this category. Other surface treatments could be used on a case by case basis. Crack sealing and local patching are also options within this band.

Bellevue St – Preventive Maintenance – PCI 79



Structural Improvement

Structural improvement includes the work necessary to restore the pavement to a condition that will allow it to perform satisfactorily for several years. Generally a structural improvement will consist of milling the existing pavement down and applying a new Hot Mix Asphalt overlay allowing existing grades to be maintained.

When the existing grade can be raised a new Hot Mix Asphalt course can simply be placed upon the existing surface.

Structural improvements also include the work necessary to prepare the pavement for an overlay, either with or without milling. The major activities involved in the preparation process are:

- Partial depth patching;
- Full depth patching;
- Crack sealing;
- Hot Mix Asphalt Leveling course.

Maple Street– Structural Improvement - PCI 63



Base Rehabilitation

Base rehabilitation utilizes one of two methods:

- Reclamation;
- Reconstruction.

Typically in Hudson, only reclamation will be used. Reclamation is the process of rehabilitating existing deteriorated pavements. The existing pavement and base, subbase, and possibly subgrade are pulverized and blended to create a homogenous pavement base. This reclaimed pavement base is then paved with a new Hot Mix Asphalt surface.

Dorman Street – Base Rehabilitation - PCI 46



Customizing Repair Strategies

VHB developed repair strategies to meet the Town's specific practices. VHB also refined repair unit costs. VHB's goal was to understand Hudson's decision-making process, and simulate that process in the budget analysis software based on the pavement condition and other criteria of each pavement section.

Preparing Budget Scenarios

Once the roadway conditions are inventoried and analyzed, and the repair strategies are defined, the impact of various spending programs on the road network can be assessed. These studies can range from 1 to 20 years, however, for the purpose of this report, 5-year studies are used. The purpose of the budget planning process is to determine the impact of various spending levels to find a funding level that will best meet Hudson's needs. The budget tool uses deterioration curves, unit costs, and the strategy table developed in the repair strategy definition phase to assign each street a repair type and associated cost for each year of the study. The tool also assigns each street a benefit value that is used to determine which streets the software assumes will be repaired each year. It is important to understand that RoadManager™ is a network-wide planning tool. Field verification and testing are recommended to confirm any street repair list generated.

Pavement management deals with the life cycle of pavement structure and the various repair treatments to maintain the condition of the pavement. The pavement management system and the various repair types utilized in the study do not directly address other physical improvements associated with a roadway. Some of the items, which might be encountered on a roadway project, include the storm drainage system, traffic signals, minor traffic items, sidewalks and utility adjustments. In an attempt to develop a reasonable cost of various improvements, the overall scope of a typical project associated with the various repair types was estimated to develop a network level unit cost for the work. **The actual scope of work and costs will vary for each individual roadway. Actual repair costs will need to be developed at the project level and may differ from costs utilized in this study.**

Deterioration Curves

In order to properly plan for future repairs, the Budget Analysis tools of RoadManager™ uses a deterioration curve to estimate the degradation of condition over time. As Hudson continues to build on its existing repair history database, the Town can refine the curve to more closely approximate local conditions.

Strategy Table

RoadManager* uses a table of repair strategies to assign specific road repair types to individual roadway segments. The repair strategy table incorporates PCI ranges as well as functional class and pavement type to simulate decisions consistent with Hudson repair practice and procedure. The strategy table was customized for Hudson to recommend the types of repairs that the Town has found to be best suited to Hudson's roadway network.

Project Prioritization

The Budget Analysis tools prioritize needed system repairs based on the estimated "Benefit Value". The Benefit Value formula is calculated using variables representing traffic volume, repair service life, PCI, and unit repair costs for each pavement management section. For each plan year, the software prepares a future roadway condition projection, exhausts the assigned budget, and then produces an annual list of roads included in the repair program. The system also allows the user to enter an inflation rate to account for estimated increases in future year construction costs.

The Benefit Value prioritization process generally favors cost effective maintenance alternatives. Repair actions are typically delayed on those sections that require reconstruction or major rehabilitation because the benefits for dollars spent are generally lower than maintenance candidates. After the relatively good roads are "saved," improvements are directed towards the poorer arterial and collector roads.

The calculation for benefit value is as follows:

$$\text{Benefit Value} = \frac{ADT * Life\ of\ Repair}{PCI * Unit\ Cost\ of\ Repair}$$

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Existing Conditions

Town-maintained Streets Pavement Conditions

VHB conducted the field evaluation of pavement conditions in summer of 2017. **The average PCI for Hudson's road network at the time of the survey was 74.**

The Town's average of 74 is made up of a road network of individual roads in all levels of condition. The following chart shows the distribution of miles of roadway in groups of 5 PCI point increments.

The following chart shows a detailed breakdown of condition of Hudson's roads by summing the number of miles of roadway into bands of 5 PCI points.

Figure 2 PCI Distribution

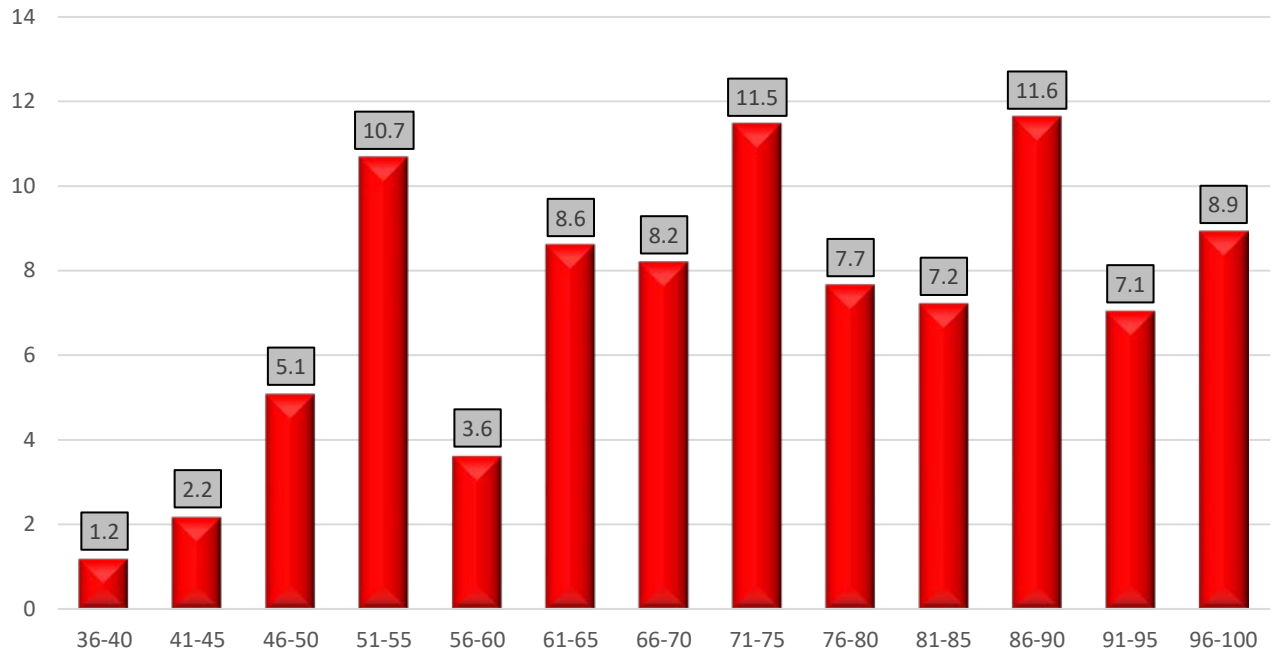
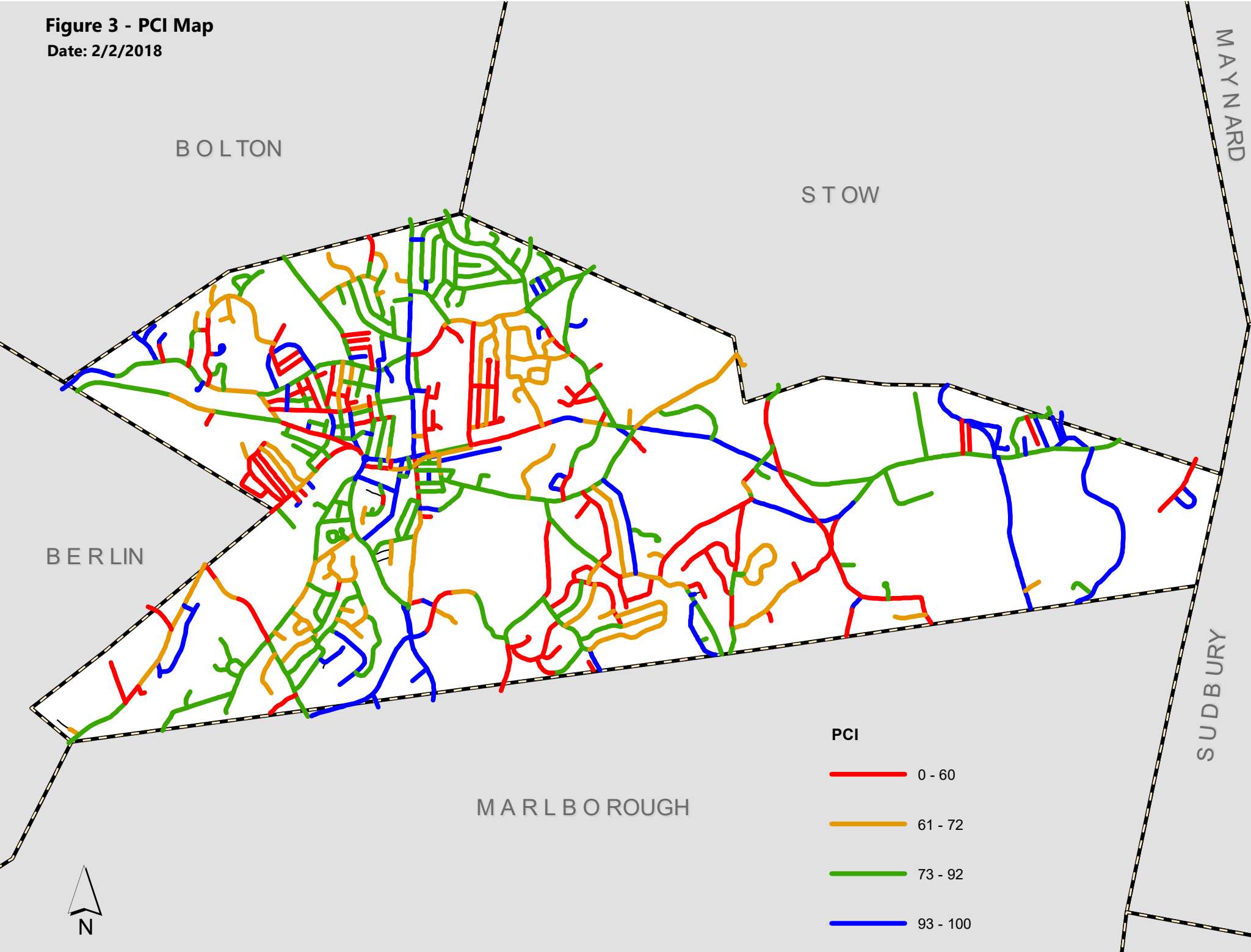


Figure 2 shows that the Town has roads in a wide variety of conditions. The grouping of PCI's is between 61 and 75, indicating that a number of roads will require structural improvement. The grouping of PCI's is between 76 and 90, shows the number of roads will require maintenance. There is also a fair distribution of roads in the lower PCI bands, meaning a variety of roads may require base rehabilitation.

The following page show a map of the current pavement condition for Town maintained roads.

Figure 3 - PCI Map
Date: 2/2/2018



Backlog of Work

Applying the five treatment bands shown in Table 1 and the unit costs shown in Appendix A to Hudson's street network, the following table gives the miles and dollars associated with each treatment band for the conditions at the time of the evaluation.

Table 2 Summary of Miles and Dollars of Outstanding Work

Treatment Band	Miles	Dollar Backlog
Do Nothing	15.9	
Routine Maintenance	14.1	\$225,000
Preventive Maintenance	22.2	\$2,061,000
Structural Improvement	22.7	\$5,230,000
Base Rehabilitation	18.8	\$10,370,000
Totals	93.7	\$17,886,000

Figures 4 and 5 on the following page show that while base rehabilitation represents 20% of the outstanding work by mileage, it represents 58% of the total backlog of outstanding work by cost. Base rehabilitation is the most expensive category of street repair. Also of note that approximately 24% of the Town's miles are in need of structural improvement, which represents 29% of the total backlog of outstanding work by cost. In contrast, 39% of the road miles require maintenance, which only accounts for 13% of the cost.

Figure 4 Miles of Outstanding Work

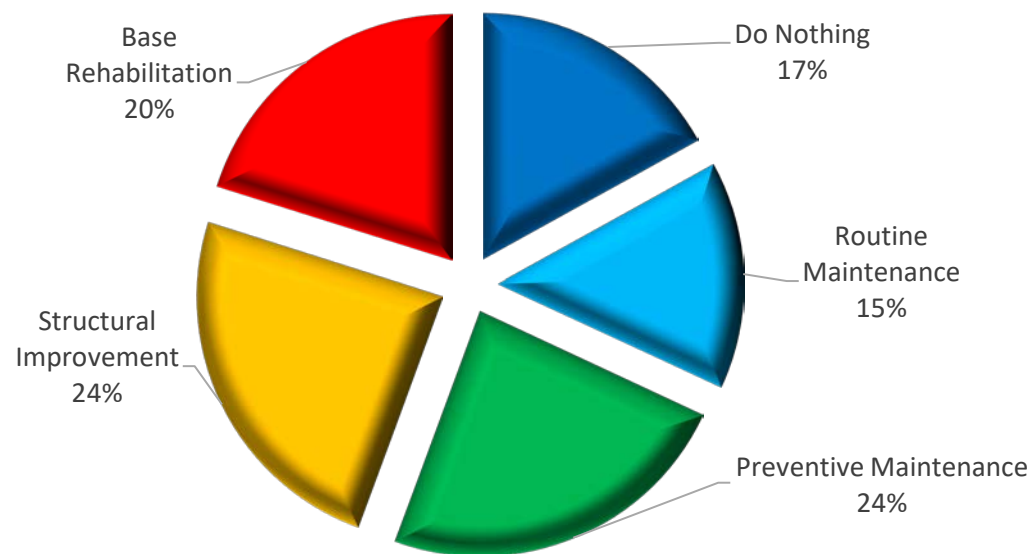
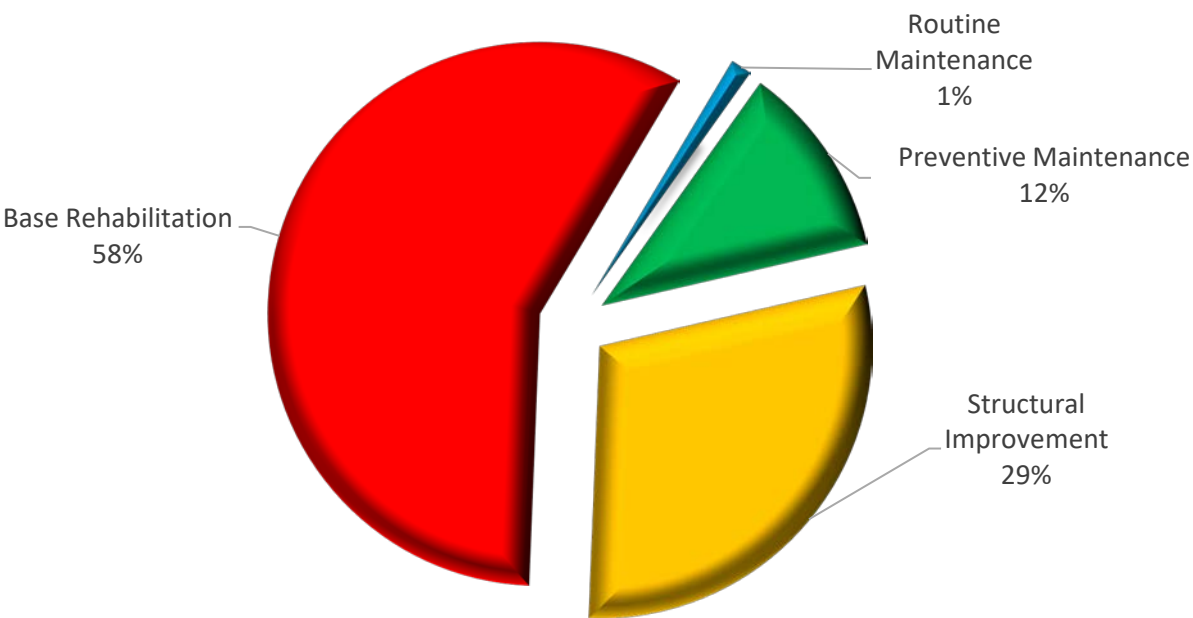


Figure 5 Dollars of Outstanding Work



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Budget Analysis

Hudson has a major investment in its 93.7 mile Town maintained road network. It is easy to forget that roadways are a community's single largest investment. Based on Hudson's unit cost for reclamation, without considering signs, signals, curbing, or sidewalks, it would cost Hudson well over \$50,000,000 in today's dollars to replace the existing Town maintained roadway infrastructure. The final phase of the pavement management process that VHB undertook for this report was the examination of various annual spending levels.

Scenarios Explored

VHB compared the predicted effects of the 3 funding scenarios below:

- › **\$580 thousand per Year** – Investing only the \$580,000 in Chapter 90 (after \$1.6 million in 2018) funds every year for five years results in a decline in the average PCI level.
- › **\$980 thousand per Year** – Investing only the \$580,000 in Chapter 90 and \$400,000 in local funds (after \$1.6 million in 2018) funds every year for five years results in a slight decrease in average PCI.
- › **\$1.5 million per Year** – Investing \$580,000 in Chapter 90 funds plus \$920,000 in local funds (after \$1.6 million in 2018) every year for five years result in a moderate increase in the average PCI level.

Summary of Budgets

The following graph show the effects of the three funding levels analyzed on Hudson's street network over the next five years. It is apparent performing no maintenance would be detrimental to Hudson's road conditions. The dollar amounts seen in this scenario chart start in 2018, as the 2017 paving season is completed.

Figure 6 Scenario PCI Summary

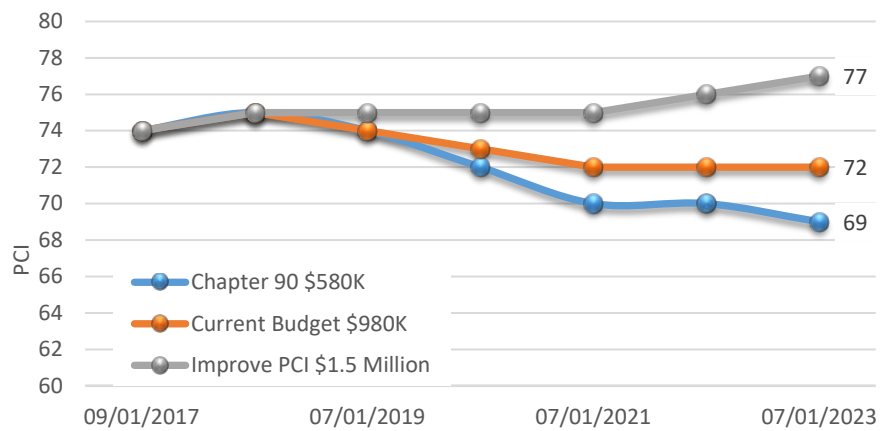
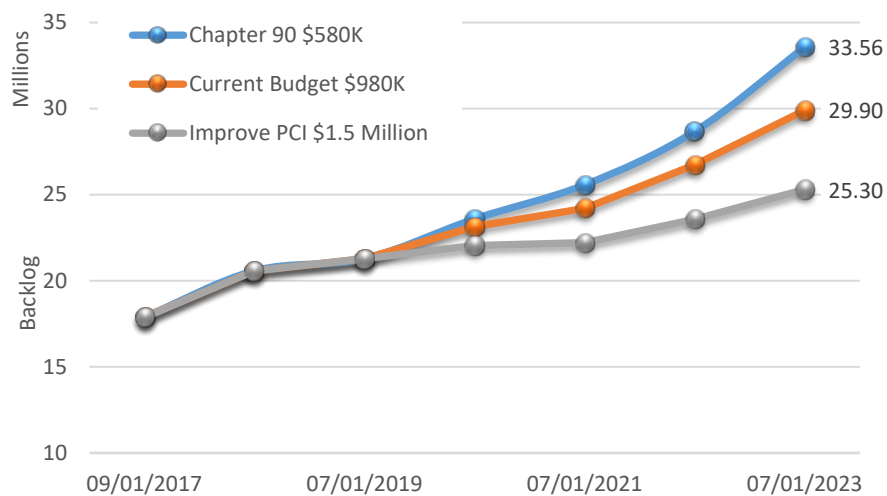


Figure 7 Scenario Backlog Summary



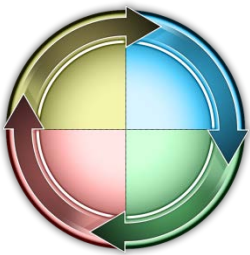
It appears that a \$1.5 Million annual budget would cause a gradual increase in town-wide pavement conditions, though it would not be enough to overcome the estimated 4% annual inflation of repair costs.

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Concluding Remarks

The Town of Hudson has a pavement management system based on updated road condition data collected in 2017. The Hudson pavement management system gives Town decision-makers a picture of existing roadway infrastructure conditions and a dollar estimate to improve streets in poor condition while protecting those pavements currently in good condition.

The Pavement Management System being implemented by the Town is a planning tool, with primary functions of determining the funding levels required to achieve Town wide condition goals, and to identify candidate road projects to achieve those goals. Any project list generated by the system needs to be reviewed by the Engineering Department staff and adjusted based on numerous factors, including coordination with utility work, and geographic issues.



Recommendations – *Pavement Management*

- › Budget adequate funds to achieve pavement condition goals
- › Make timely maintenance repairs
- › Repair localized base problems before applying an overlay
- › Address major rehabilitation needs as funding allows
- › **Develop multi-year road programs**
- › Coordinate with local utilities to perform upgrades and repairs in advance of projected construction projects

- › **Perform project level testing prior to major rehabilitation projects to ensure proper life of new pavement**
- › **Provide for construction inspection at the plant and in the field to ensure quality material is provided and quality work is being performed**
- › Update database to reflect work that is done (maintains accuracy of system)
- › Update pavement conditions at a minimum of every 4 years or 25% per year
- › Track specific and overall conditions periodically
- › **Evaluate funding levels periodically**

Appendix A: Unit Costs

Unit costs updated and reviewed in 2017.

Each repair alternative includes cost for average quantities of typical construction activities associated with these operations such as sealing cracks, pre-patching, dust control, adjusting gates, catch basins and manholes, tack coats, line striping, shoulder work, and traffic control.

Unit Cost Table

Name	Cost/SY
Routine Maintenance	\$0.70
Routine Maintenance with Base Repair	\$1.70
Preventative Maintenance	\$5.00
Preventative Maintenance with Base Repair	\$6.10
Prep and Overlay (Local)	\$12.70
Prep and Overlay (Arterial/Collector)	\$14.50
Reclaim and Pave (Local)	\$34.90
Reclaim and Pave (Arterial/Collector)	\$42.70

Appendix B: Backlog Report (Alphabetical)

Street by Street listing of all pavement segments and the proposed repair, cost, and benefit.

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2017							
ABIGAIL DR	HOSMER ST	CORNISH DR	Reclaim & Pave - Local	1,619	52	\$185,072	24
ALAN RD	BRADFORD RD	400' N OF BRADFORD RD	Prev. Maintenance	400	81	\$9,642	20
ALAN RD	400' N OF BRADFORD RD	CUL DE SAC	Reclaim & Pave - Local	837	54	\$106,063	12
ALBERTA DR	REARDON RD	HARRIMAN RD	Prev. Maintenance	1,072	83	\$16,395	135
ANNIE TERRACE DR	PARMENTER RD	CUL DE SAC	Prep & Overlay - Local	503	70	\$27,563	14
APPLETON DR	JOHN ROBINSON DR	CUL DE SAC	Reclaim & Pave - Local	658	45	\$93,656	28
APSLEY ST	CENTRAL ST	LINCOLN ST	Reclaim & Pave - Local	2,429	48	\$314,648	394
APSLEY ST	LINCOLN ST	LAKE ST	Prep & Overlay - Local	941	61	\$42,933	466
APSLEY ST	LAKE ST	MANNING ST	Prev. Maint w/Base Repair	1,037	76	\$19,346	517
ARLINGTON ST	CENTRAL ST	DEAD END	Prev. Maintenance	457	80	\$6,487	140
ASSABET ST	RIVER ST	DEAD END	Reclaim & Pave - Local	309	48	\$23,515	92
ATHERTON RD	BRENTWOOD DR	128' S OF BRENTWOOD DR	Local Maintenace	653	89	\$1,497	74
ATHERTON RD	128' S OF BRENTWOOD DR	HICKORY LA	Prev. Maint w/Base Repair	1,394	73	\$26,003	18
AVON DR	OLD BOLTON RD	STRATTON DR	Prev. Maint w/Base Repair	2,542	78	\$55,896	117
BABEN RD	CAUSEWAY ST	DEAD END	Reclaim & Pave - Local	955	55	\$80,030	80
BABICK LAKE DR	LAKESIDE AV	DEAD END	Reclaim & Pave - Local	892	51	\$67,977	25
BEECHNUT LN	CHESTNUT ST	CUL DE SAC	Prep & Overlay - Local	961	67	\$42,543	28
BELLEVIEW ST	SCHOOL ST	FELTONVILLE RD	Prev. Maint w/Base Repair	364	75	\$6,067	122
BENNETT ST	CARLTON ST	WELSH ST	Reclaim & Pave - Local	1,260	50	\$129,594	25
BENNETT ST	WELSH ST	772' N OF WELSH ST	Prep & Overlay - Local	773	63	\$28,850	30
BENNETT ST	772' N OF WELSH ST	VINAL ST	Prep & Overlay - Local	981	67	\$37,973	28
BENNETT ST	VINAL ST	COX ST	Prep & Overlay - Local	468	69	\$18,124	27
BERTHA ST	OLD STOW RD	JOHNSON AV	Do Nothing	499	95	\$0	0
BEXLEY DR	AVON DR	EATON DR	Local Maintenace	1,142	87	\$2,899	528
BICENTENNIAL WAY	PARK ST	DEAD END	Prev. Maintenance	465	84	\$7,616	38
BIGELOW RD	RIVER RD	DEAD END	Reclaim & Pave - Local	1,305	43	\$99,440	103
BIRCHWOOD RD	WOODROW ST (N)	WOODROW ST (S)	Do Nothing	1,113	100	\$0	0

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
BLAINE ST	CARTER ST	WILSON ST	Local Maintenance	853	88	\$1,818	522
BLAINE ST	WILSON ST	CENTRAL ST	Reclaim & Pave - Local	675	41	\$64,254	108
BLOSSOM ST	MANNING ST	HIGH ST	Do Nothing	523	95	\$0	0
BLUEBERRY LN	OLD NORTH RD	CUL DE SAC LOOP	Prev. Maintenance	1,187	77	\$16,855	104
BOLTON ST	CENTRAL ST	TOWN LINE	Do Nothing	1,151	95	\$0	0
BRADFORD RD	LINCOLN ST	RUTHELLEN RD	Prep & Overlay - Local	2,105	72	\$87,315	92
BRENT DR	MAIN ST	CUL DE SAC	Prev. Maint w/Base Repair	2,181	74	\$51,419	35
BRENTONWOOD RD	MAXWELL CIR	380' S OF ATHERTON RD	Local Maintenance	921	88	\$2,112	373
BRENTONWOOD RD	380' S OF ATHERTON RD	CHADWICK RD	Prep & Overlay - Local	856	72	\$33,140	66
BRIGHAM CIR	BRIGHAM ST	CUL DE SAC LOOP	Local Maintenance w/Base Re	1,308	87	\$6,503	183
BRIGHAM CIR #2	BRIGHAM CIR	CUL DE SAC LOOP	Prev. Maint w/Base Repair	377	81	\$6,522	32
BRIGHAM ST	WASHINGTON ST	PARK ST	Prep & Overlay - A/C	1,509	70	\$52,326	297
BRIGHAM ST	PARK ST	220' N OF CURLEY DR	Prep & Overlay - A/C	1,461	72	\$62,180	288
BRIGHAM ST	220' N OF CURLEY DR	CHAPIN RD	Prev. Maintenance	1,431	85	\$21,100	563
BRIGHAM ST	50' S OF CHAPIN RD	LILAC LN	Prev. Maint w/Base Repair	1,891	84	\$26,465	467
BRIGHAM ST	LILAC LN	TOWN LINE	Local Maintenance w/Base Re	2,603	86	\$12,935	792
BROAD ST	WASHINGTON ST	WHEELER RD	Prep & Overlay - A/C	3,033	62	\$129,076	860
BROAD ST	WHEELER RD	MAIN ST	Reclaim & Pave - A/C	1,597	54	\$201,207	601
BROOK ST	MAIN ST	HUMMOCK WAY	Prev. Maint w/Base Repair	965	76	\$14,140	121
BROOK ST	HUMMOCK WAY	100' N OF MURPHY RD	Do Nothing	527	98	\$0	0
BROOK ST	100' N OF MURPHY RD	MURPHY RD	Do Nothing	98	95	\$0	0
BROOK ST	MURPHY RD	CHESTNUT ST	Do Nothing	681	98	\$0	0
BROOK ST	CHESTNUT ST	SHAY RD	Do Nothing	2,136	95	\$0	0
BROOK ST	SHAY RD	245' N OF SHAY RD	Prev. Maintenance	244	81	\$2,934	138
BROOK ST	245' N OF SHAY RD	LEWIS ST	Prep & Overlay - Local	326	66	\$9,906	100
BUSH RD	LAUREL DR	CUL DE SAC	Prep & Overlay - Local	627	66	\$33,160	14
BUTMAN ST	CARTER ST	WILSON ST	Reclaim & Pave - Local	753	53	\$71,722	83
BYRON ST	LINCOLN ST	DEAD END	Do Nothing	461	95	\$0	0
CABOT RD	TECHNOLOGY DR	CUL DE SAC	Prep & Overlay - Local	801	66	\$44,312	14

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
CARLTON ST	TOWER ST	140' E OF BENNETT ST	Prep & Overlay - Local	401	67	\$14,961	99
CARLTON ST	140' E OF BENNETT ST	CUL DE SAC LOOP	Reclaim & Pave - Local	842	54	\$86,615	82
CARRIAGE HILL LN	SHAY RD	CUL DE SAC	Prep & Overlay - Local	547	68	\$24,201	14
CARTER ST	APSLEY ST	PACKARD ST	Reclaim & Pave - Local	1,182	49	\$117,038	90
CAUSEWAY ST	MARLBORO ST	SUPERIOR DR	Prev. Maint w/Base Repair	2,036	83	\$33,915	473
CAUSEWAY ST	SUPERIOR DR	RICHARDSON ST	Reclaim & Pave - A/C	908	50	\$105,925	253
CAUSEWAY ST	RICHARDSON ST	LOWER RD	Prep & Overlay - A/C	2,051	72	\$80,819	288
CAUSEWAY ST	LOWER RD	TOWN LINE	Prev. Maint w/Base Repair	2,327	77	\$38,769	510
CAYUGA DR	FORT MEADOW DR	ONTARIO DR	Prep & Overlay - Local	1,430	70	\$59,316	95
CEDAR ST	EAST ST	DEAD END	Reclaim & Pave - Local	424	53	\$35,564	83
CENTRAL ST	LINCOLN ST	100' E OF COOLIDGE ST	Reclaim & Pave - A/C	2,582	52	\$373,501	91
CENTRAL ST	100' E OF COOLIDGE ST	LAUREL DR	Prep & Overlay - A/C	2,789	63	\$136,276	124
CENTRAL ST	LAUREL DR	1553' W OF BOLTON ST	Local Maintenace	3,351	86	\$7,687	858
CENTRAL ST	1553' W OF BOLTON ST	TOWN LINE	Do Nothing	1,864	93	\$0	0
CHADWICK RD	ATHERTON RD	CUL DE SAC	Prep & Overlay - Local	928	66	\$42,906	14
CHAMPLAIN DR	FORT MEADOW DR	ONTARIO DR	Prev. Maint w/Base Repair	1,377	73	\$27,521	125
CHAPIN RD	RIVER RD	600' S OF RIVER RD	Reclaim & Pave - Local	595	53	\$63,495	357
CHAPIN RD	1508' S OF RIVER RD	1614' N OF BRIGHAM ST	Prep & Overlay - Local	913	65	\$35,363	437
CHAPIN RD	1614' N OF BRIGHAM ST	BRIGHAM ST	Reclaim & Pave - Local	1,615	47	\$172,233	402
CHAPIN RD	BRIGHAM ST	TOWN LINE	Prev. Maint w/Base Repair	2,652	73	\$53,020	538
CHERRY ST	GROVE ST	DEAD END	Do Nothing	1,896	100	\$0	0
CHESTNUT ST	TOWN LINE	580' S OF TOWN LINE	Prev. Maint w/Base Repair	580	84	\$6,183	467
CHESTNUT ST	580' S OF TOWN LINE	MAIN ST	Reclaim & Pave - A/C	2,259	52	\$210,852	243
CHESTNUT ST	MAIN ST	MURPHY RD	Prep & Overlay - A/C	2,910	60	\$100,911	346
CHESTNUT ST	MURPHY RD	TOWN LINE	Reclaim & Pave - A/C	4,473	53	\$459,203	238
CHURCH ST	MAIN ST	367' N OF MAIN ST	Prep & Overlay - Local	368	67	\$21,350	99
CHURCH ST	367' N OF MAIN ST	PLEASANT ST	Prev. Maint w/Base Repair	979	77	\$18,268	119
CLAIRE CIR	COX ST	CUL DE SAC	Do Nothing	463	95	\$0	0
COLBURN CIR	OLD BOLTON RD	CUL DE SAC	Local Maintenance w/Base Re	535	86	\$3,996	185

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COLD SPRING LN	MAIN ST	DEAD END	Do Nothing	489	95	\$0	0
COLLINS DR	CAUSEWAY ST	BABEN RD	Reclaim & Pave - Local	1,265	50	\$115,707	88
COOLIDGE ST	CENTRAL ST	450' W OF CENTRAL ST	Prev. Maintenance	450	81	\$10,814	2,271
COOLIDGE ST	450' W OF CENTRAL ST	HIGHLAND PARK AV	Prev. Maintenance	1,623	75	\$38,992	2,452
COOLIDGE ST	HIGHLAND PARK AV	1396' W OF HIGHLAND PARK AV	Prep & Overlay - A/C	1,396	72	\$96,816	1,108
COOLIDGE ST	1396' W OF HIGHLAND PARK AV	1388' E OF BERLIN TOWN LINE	Prev. Maintenance	1,599	81	\$52,385	2,271
COOLIDGE ST	1388' E OF BERLIN TOWN LINE	824' E OF BERLIN TOWN LINE	Local Maintenance	564	87	\$2,771	8,697
COOLIDGE ST	824' E OF BERLIN TOWN LINE	BERLIN TOWN LINE	Local Maintenance	825	88	\$2,979	8,599
CORNISH DR	HOSMER ST	CUL DE SAC	Prep & Overlay - Local	2,324	57	\$109,258	33
CORTLAND DR	HOSMER ST	CORTLAND DR WB	Prev. Maint w/Base Repair	291	74	\$3,107	18
CORTLAND DR	CORTLAND DR WB	CORTLAND DR (LOOP)	Prep & Overlay - Local	3,295	63	\$136,683	15
CORTLAND DR WB	CORTLAND DR	HOSMER ST	Prev. Maintenance	300	81	\$2,623	99
COTTAGE ST	CENTRAL ST	APSLEY ST	Do Nothing	844	95	\$0	0
COTTAGE ST	APSLEY ST	PACKARD ST	Local Maintenance	1,369	89	\$3,141	517
COTTAGE ST	PACKARD ST	PLANT AV (N)	Do Nothing	723	95	\$0	0
COTTAGE ST	PLANT AV (N)	RIDGE RD	Do Nothing	1,003	95	\$0	0
COX ST	MAIN ST	300' S OF PIERCE ST	Prev. Maint w/Base Repair	2,426	74	\$42,024	531
COX ST	300' S OF PIERCE ST	CLAIRE CIR	Reclaim & Pave - A/C	1,405	52	\$163,858	243
COX ST	CLAIRE CIR	OLD STOW RD	Prev. Maint w/Base Repair	864	74	\$14,387	531
COX ST	OLD STOW RD	SANTOS DR	Prep & Overlay - A/C	2,565	63	\$113,202	330
COX ST	SANTOS DR	MANNING ST	Reclaim & Pave - A/C	1,544	45	\$201,695	281
COX ST	MANNING ST	LAKE ST	Prev. Maintenance	1,028	80	\$17,957	599
COX ST	LAKE ST	LINCOLN ST	Prev. Maintenance	841	85	\$13,786	563
CRANBERRY LN	WHITE POND RD	CUL DE SAC	Prev. Maintenance	777	83	\$17,666	38
CRESTVIEW DR	MURPHY RD	CUL DE SAC	Prep & Overlay - Local	540	57	\$29,123	33
CROSS ST	MANNING ST	HIGH ST	Prep & Overlay - Local	354	66	\$18,108	100
CRUMP ST	CENTRAL ST	500' N OF CENTRAL ST	Prep & Overlay - Local	500	56	\$17,977	118
CRUMP ST	500' N OF CENTRAL ST	DEAD END	Do Nothing	396	90	\$0	0
CURLEY DR	BRIGHAM ST	CHAPIN RD	Prep & Overlay - Local	2,507	67	\$110,951	99

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DAVIS RD	MEADOWBROOK RD	CUL DE SAC	Prep & Overlay - Local	542	66	\$25,554	100
DAY CIR	MUNSON ST	CUL DE SAC	Prep & Overlay - Local	251	57	\$20,339	33
DEAN ST	CARLETON ST	WELSH ST	Prep & Overlay - Local	1,165	65	\$45,097	29
DEAN ST	WELSH ST	CUL DE SAC LOOP	Prep & Overlay - Local	962	57	\$37,260	33
DEWEY ST	COX ST	DEAD END	Prev. Maint w/Base Repair	904	82	\$15,052	112
DORMAN ST	BROAD ST	DEAD END	Reclaim & Pave - Local	317	46	\$30,194	96
DOVER CIR	AVON DR	CUL DE SAC	Prev. Maint w/Base Repair	577	78	\$13,647	117
DUDLEY RD	RIVER RD	TOWN LINE	Reclaim & Pave - Local	1,022	38	\$58,424	116
EAST ST	HIGH ST	CEDAR ST	Reclaim & Pave - Local	265	43	\$20,193	103
EATON DR	AVON DR	KENT DR	Prev. Maint w/Base Repair	3,005	76	\$60,067	121
EDGEWOOD DR	JOHNSON AV	CUL DE SAC	Prev. Maintenance	722	85	\$14,144	38
EDITH RD	PRIEST ST	PIERCE ST	Prep & Overlay - Local	1,472	70	\$67,187	95
ELAINE CIR	ZINA DR	CUL DE SAC	Do Nothing	656	95	\$0	0
ELIZABETH RD	FORT MEADOW DR	394' S OF FORT MEADOW DR	Do Nothing	395	100	\$0	0
ELIZABETH RD	394' S OF FORT MEADOW DR	TOWN LINE	Do Nothing	316	100	\$0	0
ELM DR	CENTRAL ST	FLORENCE ST	Local Maintenance w/Base Re	311	86	\$1,486	185
ELM ST	COX ST	BLOSSOM ST	Prev. Maintenance	1,123	79	\$12,271	141
EMERSON RD	ATHERTON RD	CUL DE SAC	Prep & Overlay - Local	346	72	\$21,317	13
ERIE DR	FORT MEADOW DR	ONTARIO DR	Prev. Maint w/Base Repair	1,454	73	\$29,066	125
ESSEX DR	MANNING ST	KENT DR	Do Nothing	348	93	\$0	0
EVERETT ST	WASHINGTON ST	PARK ST	Prev. Maint w/Base Repair	514	78	\$7,869	117
EXETER RD	BRENTWOOD RD	PRIVATE PROPERTY	Prev. Maint w/Base Repair	771	74	\$17,744	18
EXETER RD	PRIVATE PROPERTY	FORBES RD	Prev. Maint w/Base Repair	1,663	74	\$34,399	18
FALLSBROOK RD	LAUREL DR	CUL DE SAC	Prev. Maint w/Base Repair	1,150	76	\$24,828	34
FELTON ST	MAIN ST	RUSSELL ST	Prev. Maint w/Base Repair	735	76	\$12,238	121
FELTON ST	RUSSELL ST	PLEASANT ST	Prev. Maint w/Base Repair	411	75	\$6,851	122
FELTON ST	PLEASANT ST	DEAD END	Reclaim & Pave - Local	745	53	\$70,960	83
FELTON ST Y INT	FELTON ST	PLEASANT ST	Prev. Maint w/Base Repair	208	79	\$3,471	83
FELTONVILLE RD	BELLEVIEW ST	200' S OF BELLEVIEW ST	Reclaim & Pave - Local	200	55	\$15,240	80

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FELTONVILLE RD	200' S OF BELLEVIEW ST	PRINCETON RD	Prev. Maint w/Base Repair	782	75	\$10,422	122
FIELDSTREAM LN	PHEASANT TR	CUL DE SAC	Prev. Maintenance	448	82	\$6,854	39
FIRST ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	577	52	\$48,330	85
FLORENCE ST	RIVER ST	CUL DE SAC	Prev. Maintenance	1,604	85	\$21,898	131
FORBES RD	ATHERTON RD	235' S OF ATHERTON RD	Local Maintenance	235	88	\$964	75
FORBES RD	235' S OF ATHERTON RD	CUL DE SAC	Do Nothing	2,326	99	\$0	0
FOREST AVE	GROVE ST	150' W OF MARLBORO ST	Local Maintenance w/Base Re	3,062	87	\$14,049	783
FOREST AVE	150' W OF MARLBORO ST	200' W OF WOODROW ST	Local Maintenance	561	87	\$1,932	3,774
FOREST AVE	200' W OF WOODROW ST	OLD NORTH RD	Prev. Maintenance	1,569	84	\$25,701	570
FOREST AVE	OLD NORTH RD	MAIN ST	Prev. Maintenance	1,886	81	\$30,909	591
FORESTVALE RD	BROAD ST	450' E OF BROAD ST	Reclaim & Pave - Local	450	54	\$53,184	23
FORESTVALE RD	450' E OF BROAD ST	TECHNOLOGY DR	Do Nothing	373	100	\$0	0
FORT MEADOW DR	MARLBORO ST	ELIZABETH RD	Prev. Maint w/Base Repair	2,225	76	\$44,468	121
FORT MEADOW DR	ELIZABETH RD	ONTARIO DR	Prep & Overlay - Local	4,632	69	\$192,165	96
FOUR BRIDGES RD	RIVER RD	DEAD END	Do Nothing	453	95	\$0	0
FOX RD	RIVER RD	PRIVATE PROPERTY	Prep & Overlay - Local	324	66	\$13,445	29
FRANKLIN ST	ARLINGTON ST	IRVING ST	Prev. Maintenance	510	81	\$7,248	138
FREEMAN CIR	BRIGHAM ST	CUL DE SAC	Prev. Maintenance	518	83	\$11,132	96
FRIAS CT	MANNING ST	CUL DE SAC	Prev. Maintenance	486	81	\$10,529	20
FUYAT ST	COTTAGE ST	DEAD END	Reclaim & Pave - Local	294	55	\$29,123	80
GATELY AVE	OLD COUNTY RD	DEAD END	Do Nothing	804	100	\$0	0
GATES AVE	RIVER ST	MEADOWBROOK RD	Prep & Overlay - Local	1,708	65	\$61,395	102
GERRY DR	LAUREL DR	CENTRAL ST	Local Maintenance	1,378	92	\$2,935	143
GIASSON ST	WASHINGTON ST	BROAD ST	Prev. Maintenance	1,519	85	\$17,425	131
GLEN RD	LAUREL DR	220' E OF LAUREL DR	Reclaim & Pave - Local	223	46	\$27,224	27
GLEN RD	220' E OF LAUREL DR	CUL DE SAC LOOP	Do Nothing	701	95	\$0	0
GLENDALE RD	MAIN ST	FOREST AV	Do Nothing	513	100	\$0	0
GLENDALE RD	FOREST AV	DEAD END	Prep & Overlay - Local	629	56	\$12,172	34
GREEN MEADOW LN	LEWIS ST	CUL DE SAC	Prev. Maintenance	491	83	\$10,606	38

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GREEN ST	CENTRAL ST	330' N OF RIVER ST	Prev. Maint w/Base Repair	1,033	73	\$17,897	125
GREEN ST	330' N OF RIVER ST	RIVER ST	Prev. Maintenance	330	78	\$9,022	143
GROVE ST	VILA DO PORTO BLVD	100' S OF WINTER ST	Prep & Overlay - Local	585	66	\$19,415	430
GROVE ST	100' S OF WINTER ST	WATER ST	Local Maintenance	554	90	\$1,090	2,190
HAMMOND CIR	BRIGHAM ST	CUL DE SAC	Prep & Overlay - Local	380	71	\$15,765	27
HAMPSHIRE CIR	BEXLEY DR	CUL DE SAC	Prev. Maintenance	704	76	\$11,531	147
HAPGOOD ST	LINCOLN ST	ONEIL ST	Reclaim & Pave - Local	558	54	\$55,245	82
HARRIMAN RD	BRIGHAM ST	MAXWELL CIR	Prep & Overlay - Local	1,079	68	\$47,725	97
HARRIMAN RD	MAXWELL CIR	100' N OF REARDON RD	Reclaim & Pave - Local	367	54	\$44,683	82
HARRIMAN RD	100' N OF REARDON RD	CURLEY DR	Prev. Maintenance	1,425	81	\$18,677	138
HARVEY ST	OLD STOW RD	JOHNSON AV	Do Nothing	508	95	\$0	0
HEARTHSTONE DR	CURLEY DR (W)	CURLEY DR (E)	Prep & Overlay - Local	982	70	\$40,751	95
HERMAN CIR	LEE CIR	CUL DE SAC	Prep & Overlay - Local	405	57	\$23,510	116
HICKORY LN	CHAPIN RD	CURLEY DR	Prev. Maintenance	2,061	78	\$36,014	143
HIGH ST	MAIN ST	DEAD END	Reclaim & Pave - Local	2,058	49	\$133,314	90
HIGHLAND PARK AVE	COOLIDGE ST	PRIVATE PROPERTY	Reclaim & Pave - Local	459	52	\$34,983	85
HILLSIDE RD	CENTRAL ST	470' N OF CENTRAL ST	Reclaim & Pave - Local	470	54	\$33,987	82
HILLSIDE RD	470' N OF CENTRAL ST	161' W OF LAUREL DR	Prev. Maint w/Base Repair	885	78	\$16,504	34
HILLSIDE RD	161' W OF LAUREL DR	LAUREL DR	Reclaim & Pave - Local	162	54	\$18,488	23
HOSMER ST	SHAY RD	CORTLAND DR	Reclaim & Pave - A/C	2,212	50	\$227,061	253
HOSMER ST	CORTLAND DR	ABAGAIL DR	Local Maintenance	590	90	\$1,063	2,190
HOSMER ST	ABAGAIL DR	MURPHY RD	Reclaim & Pave - A/C	1,079	50	\$110,728	253
HOSMER ST	MURPHY RD	TOWN LINE	Local Maintenance	754	89	\$1,359	2,214
HOUGHTON CT	MAIN ST	SOUTH ST EXT	Prev. Maintenance	293	85	\$3,844	131
HOUGHTON CT	SOUTH ST EXT	300' S OF SOUTH ST EXT	Do Nothing	303	100	\$0	0
HOUGHTON CT	300' S OF SOUTH ST EXT	HOUGHTON ST	Local Maintenance w/Base Re	217	86	\$623	185
HOUGHTON ST	MAIN ST	100' S OF HOUGHTON CT	Do Nothing	593	95	\$0	0
HOUGHTON ST	100' S OF HOUGHTON CT	SCHOOL ST	Do Nothing	419	98	\$0	0
HOUGHTON ST	SCHOOL ST	WASHINGTON ST	Do Nothing	1,952	93	\$0	0

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HOWARD RD	BRADFORD RD	CUL DE SAC	Prev. Maintenance	511	79	\$9,115	141
HOWE ST	APSLEY ST	90' N OF BLAINE ST	Local Maintenance	424	89	\$903	517
HOWE ST	90' N OF BLAINE ST	PACKARD ST	Reclaim & Pave - Local	556	49	\$55,104	90
HUNTER AVE	TEMPLE AV	TOWN LINE	Do Nothing	3,037	100	\$0	0
HURON DR	SUPERIOR DR	ONTARIO DR	Prep & Overlay - Local	936	58	\$38,831	114
INDIAN LAKE SHORE DR	TOWN LINE	DEAD END	Reclaim & Pave - Local	287	54	\$24,056	23
IRVING ST	CENTRAL ST	FRANKLIN ST	Do Nothing	316	98	\$0	0
JOHN ROBINSON DR	FOREST AV	CAUSEWAY ST	Reclaim & Pave - Local	2,567	54	\$293,370	82
JOHNSON AVE	HARVEY ST	MARELDOR ST	Local Maintenance	474	88	\$855	522
JOHNSON AVE	MARELDOR ST	OLD STOW RD	Prev. Maintenance	859	84	\$14,076	133
JUDITH RD	HICKORY LA	70' E OF HICKORY LA	Reclaim & Pave - Local	69	55	\$26,414	23
JUDITH RD	70' E OF HICKORY LA	CUL DE SAC	Do Nothing	856	99	\$0	0
JULIAN LN	BOLTON ST	CUL DE SAC	Do Nothing	271	95	\$0	0
JULIAN LN	CUL DE SAC	DEAD END	Do Nothing	330	95	\$0	0
JUNIPER RD	CHAPIN RD	DEAD END	Reclaim & Pave - Local	959	55	\$80,382	80
KAREN CIR	MURPHY RD	CUL DE SAC	Reclaim & Pave - Local	360	45	\$59,595	28
KATHLEEN RD	COX ST	PIERCE ST	Prep & Overlay - Local	706	72	\$31,233	92
KATTAIL RD	PHEASANT TR	CUL DE SAC	Prev. Maintenance	765	80	\$15,210	40
KELLY LN	CHESTNUT ST	CUL DE SAC LOOP	Prev. Maintenance	668	82	\$8,753	39
KENT DR	EATON DR	690' S OF EATON DR	Local Maintenance	690	88	\$1,696	522
KENT DR	690' S OF EATON DR	OLD BOLTON RD	Local Maintenance w/Base R	3,552	86	\$20,368	185
LA FRANCE DR	RIVER ST	DEAD END	Do Nothing	297	100	\$0	0
LAKE BOONE DR	MAIN ST	HUNTER AV	Reclaim & Pave - Local	1,009	46	\$76,908	96
LAKE SHORE DR	CAUSEWAY ST	TOWN LINE	Do Nothing	1,995	98	\$0	0
LAKE ST	COX ST	250' N OF APSLEY ST	Do Nothing	731	93	\$0	0
LAKE ST	250' N OF APSLEY ST	PLEASANT ST	Prev. Maint w/Base Repair	759	80	\$14,157	115
LAKESIDE AVE	MAIN ST	ROCK AV	Local Maintenance	1,722	90	\$2,398	365
LAKESIDE AVE	ROCK AV	DEAD END	Local Maintenance	682	90	\$950	365
LAMSON AVE	COX ST	CUL DE SAC	Do Nothing	458	100	\$0	0

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LARK DR	MARYCHRIS DR (S)	MARYCHRIS DR (N)	Prep & Overlay - Local	822	71	\$36,370	93
LAUREL DR	CENTRAL ST	450' N OF HILLSIDE RD	Reclaim & Pave - Local	2,174	41	\$265,002	108
LAUREL DR	450' N OF HILLSIDE RD	RIDGE RD	Prep & Overlay - Local	3,254	62	\$125,982	15
LEE CIR	COX ST	CUL DE SAC	Reclaim & Pave - Local	1,236	55	\$159,766	80
LEWIS ST	CHESTNUT ST	MAIN ST	Prev. Maintenance	618	75	\$7,419	149
LEWIS ST	MAIN ST	GREEN MEADOW LA	Local Maintenace	273	88	\$493	522
LEWIS ST	GREEN MEADOW LA	BROOK ST	Reclaim & Pave - Local	567	55	\$38,869	80
LILAC LN	BRIGHAM ST	DEAD END	Prev. Maintenance	685	85	\$5,241	94
LINCOLN CT	LINCOLN ST	DEAD END	Reclaim & Pave - Local	278	43	\$20,146	29
LINCOLN ST	CENTRAL ST	PLEASANT ST	Do Nothing	909	100	\$0	0
LINCOLN ST	PLEASANT ST	APSLEY ST	Do Nothing	487	100	\$0	0
LINCOLN ST	APSLEY ST	220' N OF HAPGOOD ST	Prep & Overlay - A/C	640	60	\$26,207	888
LINCOLN ST	220' N OF HAPGOOD ST	PACKARD ST	Prep & Overlay - A/C	785	65	\$32,162	820
LINCOLN ST	PACKARD ST	THIRD ST	Prev. Maint w/Base Repair	912	83	\$15,799	1,214
LINCOLN ST	THIRD ST	TOWN LINE	Prev. Maintenance	3,032	85	\$59,623	1,446
LINDEN ST	GREEN ST	DEAD END	Prev. Maintenance	726	80	\$9,116	140
LORING CT	LORING ST	175' N OF LORING ST	Local Maintenace	175	89	\$302	517
LORING CT	175' N OF LORING ST	GROVE ST	Do Nothing	316	95	\$0	0
LORING ST	GROVE ST	BROAD ST	Local Maintenace	706	88	\$1,215	522
LOWER RD	CAUSEWAY ST	DEAD END	Prep & Overlay - Local	834	56	\$29,975	34
LYMAN AVE	OLD COUNTY RD	DEAD END	Do Nothing	842	100	\$0	0
MACINTOSH WAY	CAUSEWAY ST	DEAD END	Do Nothing	128	90	\$0	0
MACKIN ST	COX ST	MAIN ST	Reclaim & Pave - Local	444	51	\$33,855	87
MAIN ST	STOW TOWN LINE	TEMPLE AV	Local Maintenace	3,940	88	\$10,974	7,313
MAIN ST	TEMPLE AV	BRENT DR	Local Maintenace	3,429	88	\$9,552	7,313
MAIN ST	BRENT DR	CHESTNUT ST	Local Maintenace	3,390	90	\$9,444	7,153
MAIN ST	CHESTNUT ST	LEWIS ST	Do Nothing	624	99	\$0	0
MAIN ST	LEWIS ST	138' W OF WILKINS ST	Do Nothing	4,202	100	\$0	0
MAIN ST	138' W OF WILKINS ST	165' W OF COX ST	Prev. Maintenance	667	74	\$11,661	2,113

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MAIN ST	165' W OF COX ST	1222' E OF PRIEST ST	Prep & Overlay - A/C	881	64	\$44,456	1,060
MAIN ST	1222' E OF PRIEST ST	240' E OF PRIEST ST	Do Nothing	983	95	\$0	0
MAIN ST	240' E OF PRIEST ST	VILA DO PORTO BLVD	Prep & Overlay - A/C	2,520	60	\$127,084	1,131
MAIN ST	VILA DO PORTO BLVD	765' E OF MANNING ST	Prev. Maint w/Base Repair	1,021	73	\$21,767	1,757
MAIN ST	765' E OF MANNING ST	HIGH ST	Prep & Overlay - A/C	318	63	\$18,033	1,077
MAIN ST	HIGH ST	MANNING ST	Do Nothing	448	95	\$0	0
MAIN ST	MANNING ST	140' W OF POPE ST	Do Nothing	1,312	95	\$0	0
MAIN ST	140' W OF POPE ST	ROTARY	Do Nothing	483	100	\$0	0
MAIN ST	ROTARY	LINCOLN ST	Prep & Overlay - A/C	170	65	\$26,795	1,044
MANCHESTER DR	STRATTON RD	KENT DR	Do Nothing	325	95	\$0	0
MANNING ST	MAIN ST	APSLEY ST	Do Nothing	1,843	100	\$0	0
MANNING ST	APSLEY ST	COX ST	Do Nothing	1,308	100	\$0	0
MANNING ST	COX ST	100' S OF STRATTON RD	Do Nothing	1,871	94	\$0	0
MANNING ST	100' S OF STRATTON RD	TOWN LINE	Local Maintenance w/Base Re	2,295	87	\$13,163	783
MAPLE ST	RIVER ST	MEADOWBROOK RD	Prep & Overlay - Local	1,827	63	\$65,703	105
MARELDOR ST	OLD STOW RD	JOHNSON AV	Prev. Maintenance	462	83	\$5,556	135
MARGARET CIR	OLD BOLTON RD	CUL DE SAC	Prev. Maintenance	466	81	\$10,281	39
MARION ST	LAKE ST	LINCOLN ST	Local Maintenance	864	87	\$1,841	528
MARION ST	LINCOLN ST	WARNER ST	Prev. Maintenance	285	80	\$4,053	140
MARJORIE ST	COX ST	DEAD END	Reclaim & Pave - Local	695	50	\$52,981	88
MARKET ST	MAIN ST	SOUTH ST	Prev. Maint w/Base Repair	238	75	\$3,806	122
MARLBORO ST	FOREST AV	CAUSEWAY ST	Local Maintenance w/Base Re	583	86	\$4,566	792
MARLBORO ST	CAUSEWAY ST	1855' S OF CAUSEWAY ST	Reclaim & Pave - A/C	1,856	55	\$259,792	230
MARLBORO ST	1855' S OF CAUSEWAY ST	30' N OF FORT MEADOW DR	Prep & Overlay - A/C	619	57	\$29,279	364
MARLBORO ST	30' N OF FORT MEADOW DR	370' N OF REED RD	Prev. Maint w/Base Repair	1,388	74	\$27,743	531
MARLBORO ST	370' N OF REED RD	50' N OF ONEIDA PL	Local Maintenance	603	90	\$1,680	2,190
MARLBORO ST	50' N OF ONEIDA PL	MARLBORO TOWN LINE	Reclaim & Pave - A/C	1,429	53	\$200,003	238
MARTIN CIR	HARRIMAN RD	CUL DE SAC	Prep & Overlay - Local	293	64	\$12,957	30
MARYCHRIS DR	PIERCE ST	PRIEST ST	Prep & Overlay - Local	1,489	70	\$65,908	95

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
MASON ST	BROAD ST	GIASSON ST	Local Maintenance w/Base Re	1,575	87	\$7,223	183
MAXWELL CIR	HARRIMAN RD	CUL DE SAC	Prep & Overlay - Local	1,119	63	\$56,109	30
MEADOWBROOK RD	RIVER ST	MAPLE ST	Reclaim & Pave - Local	2,444	53	\$260,733	83
MERRITT DR	PRIEST ST	CUL DE SAC	Prep & Overlay - Local	615	67	\$33,140	14
MICHIGAN DR	FORT MEADOW DR	ONTARIO DR	Prep & Overlay - Local	1,650	69	\$68,447	96
MIDDLE RD	LAKE SHORE DR	DEAD END	Do Nothing	237	90	\$0	0
MILDRED RD	DEAD END	FELTONVILLE RD	Prev. Maint w/Base Repair	113	80	\$1,428	33
MUNICIPAL DR	COX ST	250' E OF COX ST	Prev. Maint w/Base Repair	257	78	\$4,451	34
MUNICIPAL DR	250' E OF COX ST	DEAD END	Reclaim & Pave - Local	238	44	\$36,295	29
MUNSON ST	HIGH ST	DEAD END	Reclaim & Pave - Local	780	48	\$62,423	92
MURPHY RD	HOSMER ST	KAREN CIR	Prep & Overlay - Local	1,215	65	\$35,289	437
MURPHY RD	KAREN CIR	CRESTVIEW DR	Prep & Overlay - Local	1,500	64	\$43,554	444
MURPHY RD	CRESTVIEW DR	CHESTNUT ST	Reclaim & Pave - Local	1,362	53	\$114,186	357
MURPHY RD	CHESTNUT ST	BROOK ST	Prep & Overlay - Local	994	59	\$24,739	481
NIXON RD	LAUREL DR	CUL DE SAC	Prep & Overlay - Local	804	68	\$40,021	14
OAK ST	RIVER ST	MEADOWBROOK ST	Reclaim & Pave - Local	1,657	52	\$164,170	85
OLD BOLTON RD	OLD STOW RD	AVON DR	Prev. Maint w/Base Repair	821	76	\$14,772	121
OLD BOLTON RD	AVON DR	TOWN LINE	Prev. Maint w/Base Repair	3,478	73	\$57,935	125
OLD COUNTY RD	MAIN ST (W)	MAIN ST (E)	Do Nothing	1,227	99	\$0	0
OLD NORTH RD	FOREST AV	CAUSEWAY ST	Do Nothing	3,151	95	\$0	0
OLD STOW RD	COX ST	TOWN LINE	Prev. Maint w/Base Repair	2,612	74	\$41,771	531
ONEIDA PL	MARLBORO ST	CUL DE SAC	Reclaim & Pave - Local	812	45	\$97,491	28
O'NEIL ST	COTTAGE ST	PACKARD ST	Reclaim & Pave - Local	1,283	50	\$131,950	88
ONTARIO DR	FORT MEADOW DR	CAYUGA DR	Prep & Overlay - Local	3,541	59	\$146,901	112
ORCHARD DR	MAIN ST	WILKINS ST	Prev. Maintenance	2,552	80	\$41,812	20
ORDWAY RD	CHAPIN RD	CUL DE SAC	Prep & Overlay - Local	1,400	65	\$68,366	29
OTSEGO DR	FORT MEADOW DR	ONEIDA PL	Reclaim & Pave - Local	2,329	40	\$275,063	110
OVERLAND ST	GIASSON ST	DEAD END	Prep & Overlay - Local	689	68	\$20,014	97
PACKARD ST	LINCOLN ST	CENTRAL ST	Local Maintenace	3,126	87	\$10,244	2,264

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
PALMIERI DR	TEMI RD	180' S OF TEMI RD	Local Maintenace	180	89	\$383	517
PALMIERI DR	180' S OF TEMI RD	744' S OF TEMI RD	Do Nothing	564	95	\$0	0
PALMIERI DR	744' S OF TEMI RD	COX ST	Do Nothing	560	95	\$0	0
PARK ST	WASHINGTON ST	BRIGHAM ST	Prev. Maintenance	3,105	74	\$45,790	647
PARKHURST DR	COX ST	LEE CIR	Reclaim & Pave - Local	791	53	\$87,441	83
PARMENTER RD	MAIN ST	2344' S OF MAIN ST	Do Nothing	2,344	100	\$0	0
PARMENTER RD	2344' S OF MAIN ST	TOWN LINE	Do Nothing	2,437	100	\$0	0
PATRIOT LN	OLD BOLTON RD	CUL DE SAC	Local Maintenance	753	88	\$2,248	522
PEARL ST	LINCOLN ST	FELTON ST	Local Maintenance	640	88	\$1,101	522
PHEASANT TR	BRIGHAM ST	BRIGHAM ST	Prev. Maintenance	1,207	74	\$18,458	151
PHILIP ST	BRADFORD RD	CUL DE SAC	Prep & Overlay - Local	1,237	70	\$58,160	27
PIERCE ST	COX ST	PRIEST ST	Prep & Overlay - Local	1,951	68	\$89,046	97
PINE ST	RIVER ST	MEADOWBROOK RD	Reclaim & Pave - Local	1,657	53	\$138,879	83
PLANT AVE	COTTAGE ST (N)	COTTAGE ST (S)	Reclaim & Pave - Local	2,055	47	\$219,256	94
PLEASANT ST	CHURCH ST	LINCOLN ST	Reclaim & Pave - Local	1,309	54	\$114,689	82
PLEASANT ST	LINCOLN ST	WARNER ST	Local Maintenance	299	87	\$490	528
PLEASANT ST	WARNER ST	COTTAGE ST	Prev. Maintenance	258	82	\$3,099	136
POPE ST	MAIN ST	480' S OF PLEASANT ST	Prev. Maintenance	821	74	\$13,444	151
POPE ST	480' S OF PLEASANT ST	PLEASANT ST	Prev. Maint w/Base Repair	480	77	\$11,514	119
PORT ST	RIVER ST	DEAD END	Local Maintenance	802	88	\$1,446	373
PRIEST ST	MAIN ST	PIERCE ST	Prep & Overlay - Local	2,620	69	\$76,093	96
PRIEST ST	PIERCE ST	COX ST	Prep & Overlay - Local	1,301	66	\$59,379	100
PRINCETON RD	DEAD END (N)	CUL DE SAC (S)	Prep & Overlay - Local	471	68	\$25,612	28
PROCTOR AVE	TEMPLE AV	DEAD END	Do Nothing	432	100	\$0	0
QUAIL LANE	MANNING ST	CUL DE SAC	Prep & Overlay - Local	534	64	\$27,406	15
RATHBUN RD	RIVER RD	ROLLING LN	Do Nothing	352	100	\$0	0
RAYMOND RD	RUTHELLEN RD	DEAD END	Prep & Overlay - Local	192	69	\$7,982	96
REAGAN CIR	NIXON RD	CUL DE SAC	Prep & Overlay - Local	321	65	\$21,327	15
REARDON RD	BRIGHAM ST	HARRIMAN RD	Prev. Maintenance	927	80	\$16,205	140

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
REDCO RD	CENTRAL ST	CUL DE SAC LOOP	Do Nothing	387	95	\$0	0
REED RD	MARLBOROUGH ST	TECHNOLOGY DR	Local Maintenance	1,869	88	\$4,745	522
RIBBLES LN	FALLSBROOK RD (S)	FALLSBROOK RD (N)	Prev. Maintenance	1,022	81	\$15,633	39
RICE ST	CENTRAL ST	LINCOLN ST	Local Maintenance	686	87	\$1,179	528
RICHARD RD	BRADFORD RD	ROBERT RD	Prev. Maintenance	1,903	80	\$31,173	140
RICHARDSON RD	FOREST AV	RICHARDSON RD	Prep & Overlay - Local	659	70	\$27,322	95
RICHARDSON ST	CAUSEWAY ST	RICHARDSON RD	Prep & Overlay - Local	2,356	69	\$97,736	96
RIDGE RD	PLANT AV	DEAD END	Reclaim & Pave - Local	1,380	52	\$168,259	85
RIMKUS RD	RIVER RD	DEAD END	Reclaim & Pave - Local	357	52	\$27,165	85
RIVER RD	CHAPIN RD	FOUR BRIDGES RD	Prep & Overlay - A/C	3,315	67	\$156,757	310
RIVER RD	FOUR BRIDGES RD	RIMKUS RD	Prep & Overlay - A/C	972	66	\$45,938	315
RIVER RD	RIMKUS RD	BIGELOW RD	Reclaim & Pave - A/C	636	52	\$118,636	243
RIVER RD	BIGELOW RD	TOWN LINE	Prev. Maintenance	2,150	73	\$42,274	656
RIVER ST	CENTRAL ST	GREEN ST	Reclaim & Pave - A/C	1,402	55	\$170,072	230
RIVER ST	GREEN ST	RIVERVIEW ST	Prep & Overlay - A/C	987	72	\$37,325	288
RIVER ST	RIVERVIEW ST	TOWN LINE	Reclaim & Pave - A/C	878	48	\$98,281	263
RIVERVIEW ST	RIVER ST	206' N OF DEAD END	Reclaim & Pave - Local	300	53	\$25,146	83
RIVERVIEW ST	206' N OF DEAD END	DEAD END	Do Nothing	206	100	\$0	0
ROBERT BONAZZOLI AVE	FOREST AV	CUL DE SAC	Prep & Overlay - Local	2,092	69	\$110,907	27
ROBERT RD	TEMI RD	CUL DE SAC	Prev. Maintenance	889	78	\$15,132	143
ROCK AVE	MAIN ST	LAKESIDE AV	Do Nothing	1,104	95	\$0	0
ROLLING LN	FOUR BRIDGES RD	CUL DE SAC	Do Nothing	2,511	95	\$0	0
RUSSELL ST	LINCOLN ST	350' E OF LINCOLN ST	Local Maintenance	352	88	\$577	522
RUSSELL ST	350' E OF LINCOLN ST	FELTON ST	Do Nothing	261	95	\$0	0
RUTHELLEN RD	RICHARD RD	345' N OF BRADFORD RD	Prev. Maintenance	1,561	81	\$25,581	20
RUTHELLEN RD	345' N OF BRADFORD RD	ALAN RD	Prep & Overlay - Local	820	68	\$29,468	14
RUTLAND ST	WASHINGTON ST	PARK ST	Prev. Maintenance	966	80	\$12,662	140
SANDY KNOLL DR	CHESTNUT ST	CUL DE SAC	Local Maintenance	459	89	\$940	148
SANTOS DR	COX ST	CUL DE SAC	Reclaim & Pave - Local	734	55	\$104,839	23

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
SARATOGA DR	ONTARIO DR	CUL DE SAC	Prep & Overlay - Local	460	66	\$22,081	100
SCHOOL ST	WASHINGTON ST	485' E OF WASHINGTON ST	Do Nothing	486	95	\$0	0
SCHOOL ST	485' E OF WASHINGTON ST	HOUGHTON ST	Do Nothing	817	99	\$0	0
SECOND ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	707	53	\$64,684	83
SENECA DR	FORT MEADOW DR	1245' W OF FORT MEADOW RD	Prev. Maintenance	1,245	80	\$21,082	140
SENECA DR	1245' W OF FORT MEADOW RD	OTSEGO DR	Reclaim & Pave - Local	743	45	\$87,719	98
SHAWMUT AVE	CENTRAL ST	RIDGE RD	Do Nothing	1,252	95	\$0	0
SHAY RD	BROOK ST	HOSMER ST	Reclaim & Pave - Local	274	52	\$22,941	85
SHAY RD	HOSMER ST	500' S OF HOSMER ST	Reclaim & Pave - Local	503	42	\$32,553	105
SHAY RD	500' S OF HOSMER ST	1813' S OF HOSMER ST	Reclaim & Pave - Local	1,310	55	\$84,860	80
SHAY RD	1813' S OF HOSMER ST	CAUSEWAY ST	Reclaim & Pave - Local	1,813	47	\$110,501	94
SOLO RD	MAIN ST	CUL DE SAC	Prep & Overlay - Local	523	69	\$29,588	14
SOUTH BOLTON RD	CENTRAL ST	TOWN LINE	Prep & Overlay - Local	103	65	\$2,551	102
SOUTH ST	WASHINGTON ST	50' N OF SOUTH ST EXT	Reclaim & Pave - Local	880	54	\$107,325	82
SOUTH ST	50' N OF SOUTH ST EXT	MAIN ST	Reclaim & Pave - Local	192	41	\$17,572	108
SOUTH ST EXT	SOUTH ST	BROAD ST	Prep & Overlay - Local	847	68	\$44,530	28
SPRING ST	SUMMER ST	WINTER ST	Do Nothing	389	94	\$0	0
STILL DR	MEADOWBROOK RD	MEADOWBROOK RD	Reclaim & Pave - Local	1,454	51	\$155,100	87
STONY BROOK RD	CHESTNUT ST	500' S OF CHESTNUT ST	Do Nothing	502	98	\$0	0
STONY BROOK RD	500' S OF CHESTNUT ST	TOWN LINE	Reclaim & Pave - Local	825	54	\$62,887	58
STOWE CT	FOREST AV	DEAD END	Prev. Maint w/Base Repair	626	76	\$9,176	121
STRATTON DR	STRATTON RD	EATON DR	Local Maintenance	1,851	88	\$4,701	522
STRATTON RD	COX ST	MANNING ST	Local Maintenance	1,613	87	\$3,700	528
SUMMER ST	BROAD ST	GROVE ST	Prev. Maintenance	758	81	\$9,105	138
SUPERIOR DR	CAUSWAY ST	ONTARIO DR	Prep & Overlay - Local	709	67	\$29,422	99
TECHNOLOGY DR	WASHINGTON ST	444' N OF WASHINGTON ST	Do Nothing	444	94	\$0	0
TECHNOLOGY DR	444' N OF WASHINGTON ST	631' W OF REED RD	Prep & Overlay - A/C	1,686	59	\$114,271	23
TECHNOLOGY DR	631' W OF REED RD	REED RD	Prep & Overlay - A/C	645	66	\$43,709	21
TEMI RD	MANNING ST	BRADFORD RD	Prev. Maint w/Base Repair	2,800	74	\$55,976	124

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
TEMPLE AVE	MAIN ST	WORCESTER AV	Do Nothing	899	93	\$0	0
THIRD ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	804	50	\$61,264	88
TIFFANY LN	HILLSIDE RD	CUL DE SAC	Prep & Overlay - Local	518	67	\$28,345	28
TOWER ST	MAIN ST	COX ST	Reclaim & Pave - Local	3,738	53	\$398,722	83
UTICA DR	OTSEGO DR	CUL DE SAC	Reclaim & Pave - Local	682	45	\$89,810	28
VERNON DR	WASHINGTON ST	CUL DE SAC	Do Nothing	583	99	\$0	0
VILA DO PORTO BLVD	MAIN ST	BROAD ST	Prep & Overlay - Local	1,850	64	\$61,389	30
VINAL ST	BENNETT ST	783' S OF BENNETT ST	Prep & Overlay - Local	784	69	\$34,680	27
VINAL ST	783' S OF BENNETT ST	CARLTON ST	Reclaim & Pave - Local	1,960	43	\$209,075	29
WALCOTT ST	OLD BOLTON RD	TOWN LINE	Prev. Maint w/Base Repair	1,135	80	\$15,121	115
WALNUT ST	BROAD ST	GIASSON ST	Local Maintenace	1,200	90	\$2,065	511
WARNER ST	PACKARD ST	APSLEY ST	Prep & Overlay - Local	1,540	62	\$55,355	107
WARNER ST	APSLEY ST	PLEASANT ST	Local Maintenace	454	87	\$966	528
WARNER ST	PLEASANT ST	DEAD END	Local Maintenace	255	89	\$544	517
WASHINGTON ST	MARLBORO TOWN LINE	VERNON DR	Do Nothing	998	99	\$0	0
WASHINGTON ST	VERNON DR	415' S OF TECHNOLOGY DR	Do Nothing	685	99	\$0	0
WASHINGTON ST	415' S OF TECHNOLOGY DR	60' S OF TECHNOLOGY DR	Do Nothing	353	95	\$0	0
WASHINGTON ST	BROAD ST	GIASSON ST	Local Maintenace	1,930	89	\$6,957	8,856
WASHINGTON ST	GIASSON ST	BRIGHAM ST	Local Maintenace	878	88	\$1,727	8,955
WASHINGTON ST	BRIGHAM ST	SCHOOL ST	Local Maintenace	1,815	88	\$3,866	8,955
WASHINGTON ST	SCHOOL ST	MAIN ST	Do Nothing	588	100	\$0	0
WASHINGTON ST (NB)	70' N OF TECHNOLOGY DR	BROAD ST	Do Nothing	848	95	\$0	0
WASHINGTON ST ROTARY	WASHINGTON ST (NB)	WASHINGTON ST (SB)	Do Nothing	83	100	\$0	0
WASHINGTON ST ROTARY	WASHINGTON ST (SB)	WASHINGTON ST (NB)	Do Nothing	121	100	\$0	0
WASHINGTON STREET (SB)	NORTH SIDE OF ROTARY	HUDSON ST	Do Nothing	910	98	\$0	0
WATER ST	BROAD ST	GROVE ST	Local Maintenace	776	90	\$1,335	2,190
WELLINGTON DR	EATON DR	BEXLEY DR	Local Maintenace	1,372	88	\$3,596	522
WELSH ST	TOWER ST	VINAL ST	Reclaim & Pave - Local	783	46	\$65,588	96
WEST AVE	MAIN ST	HUNTER AV	Reclaim & Pave - Local	1,010	51	\$76,930	62

Pavement Backlog Report (Alphabetical)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
WHEELER RD	BROAD ST	632' N OF BROAD ST	Do Nothing	632	94	\$0	0
WHEELER RD	632' N OF BROAD ST	341' S OF FOREST AV	Local Maintenance	722	87	\$947	528
WHEELER RD	341' S OF FOREST AV	FOREST AV	Prev. Maintenance	342	85	\$2,988	131
WHITE POND RD	MAIN ST	3845' S OF MAIN ST	Do Nothing	3,846	100	\$0	0
WHITE POND RD	2344' S OF MAIN ST	TOWN LINE	Do Nothing	2,115	100	\$0	0
WILKINS ST	MAIN ST	TOWN LINE	Prep & Overlay - A/C	4,338	63	\$205,107	579
WILSON ST	APSLEY ST	PACKARD ST	Do Nothing	736	98	\$0	0
WINTER ST	BROAD ST	FOREST AV	Local Maintenance	1,473	88	\$2,655	522
WOOD ST	EVERETT ST	DEAD END	Local Maintenance	430	89	\$774	517
WOODLAND DR	CHAPIN RD	HICKORY LA	Prev. Maintenance	1,330	81	\$23,237	39
WOODROW ST	MAIN ST	1655' S OF MAIN ST	Prev. Maint w/Base Repair	1,655	83	\$27,560	110
WOODROW ST	1655' S OF MAIN ST	FOREST AV	Reclaim & Pave - Local	1,122	54	\$106,837	82
WORCESTER AVE	HUNTER AV	TEMPLE AV	Do Nothing	878	98	\$0	0
YORK DR	AVON DR	CUL DE SAC	Local Maintenance	672	87	\$1,879	528
ZINA DR	COX ST	OLD STOW RD	Local Maintenance	2,467	90	\$4,851	511
						17,886,331.72	

Appendix C: Backlog Report (PCI Ascending)

Street by Street listing of all pavement segments and the proposed repair, cost, and benefit.

Pavement Backlog Report (PCI Ascending)
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2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2017							
DUDLEY RD	RIVER RD	TOWN LINE	Reclaim & Pave - Local	1,022	38	\$58,424	116
OTSEGO DR	FORT MEADOW DR	ONEIDA PL	Reclaim & Pave - Local	2,329	40	\$275,063	110
BLAINE ST	WILSON ST	CENTRAL ST	Reclaim & Pave - Local	675	41	\$64,254	108
LAUREL DR	CENTRAL ST	450' N OF HILLSIDE RD	Reclaim & Pave - Local	2,174	41	\$265,002	108
SOUTH ST	50' N OF SOUTH ST EXT	MAIN ST	Reclaim & Pave - Local	192	41	\$17,572	108
SHAY RD	HOSMER ST	500' S OF HOSMER ST	Reclaim & Pave - Local	503	42	\$32,553	105
BIGELOW RD	RIVER RD	DEAD END	Reclaim & Pave - Local	1,305	43	\$99,440	103
EAST ST	HIGH ST	CEDAR ST	Reclaim & Pave - Local	265	43	\$20,193	103
LINCOLN CT	LINCOLN ST	DEAD END	Reclaim & Pave - Local	278	43	\$20,146	29
VINAL ST	783' S OF BENNETT ST	CARLTON ST	Reclaim & Pave - Local	1,960	43	\$209,075	29
MUNICIPAL DR	250' E OF COX ST	DEAD END	Reclaim & Pave - Local	238	44	\$36,295	29
APPLETON DR	JOHN ROBINSON DR	CUL DE SAC	Reclaim & Pave - Local	658	45	\$93,656	28
COX ST	SANTOS DR	MANNING ST	Reclaim & Pave - A/C	1,544	45	\$201,695	281
KAREN CIR	MURPHY RD	CUL DE SAC	Reclaim & Pave - Local	360	45	\$59,595	28
ONEIDA PL	MARLBORO ST	CUL DE SAC	Reclaim & Pave - Local	812	45	\$97,491	28
SENECA DR	1245' W OF FORT MEADOW RD	OTSEGO DR	Reclaim & Pave - Local	743	45	\$87,719	98
UTICA DR	OTSEGO DR	CUL DE SAC	Reclaim & Pave - Local	682	45	\$89,810	28
DORMAN ST	BROAD ST	DEAD END	Reclaim & Pave - Local	317	46	\$30,194	96
GLEN RD	LAUREL DR	220' E OF LAUREL DR	Reclaim & Pave - Local	223	46	\$27,224	27
LAKE BOONE DR	MAIN ST	HUNTER AV	Reclaim & Pave - Local	1,009	46	\$76,908	96
WELSH ST	TOWER ST	VINAL ST	Reclaim & Pave - Local	783	46	\$65,588	96
CHAPIN RD	1614' N OF BRIGHAM ST	BRIGHAM ST	Reclaim & Pave - Local	1,615	47	\$172,233	402
PLANT AVE	COTTAGE ST (N)	COTTAGE ST (S)	Reclaim & Pave - Local	2,055	47	\$219,256	94
SHAY RD	1813' S OF HOSMER ST	CAUSEWAY ST	Reclaim & Pave - Local	1,813	47	\$110,501	94
APSLEY ST	CENTRAL ST	LINCOLN ST	Reclaim & Pave - Local	2,429	48	\$314,648	394
ASSABET ST	RIVER ST	DEAD END	Reclaim & Pave - Local	309	48	\$23,515	92
MUNSON ST	HIGH ST	DEAD END	Reclaim & Pave - Local	780	48	\$62,423	92

Pavement Backlog Report (PCI Ascending)
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2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
RIVER ST	RIVERVIEW ST	TOWN LINE	Reclaim & Pave - A/C	878	48	\$98,281	263
CARTER ST	APSLEY ST	PACKARD ST	Reclaim & Pave - Local	1,182	49	\$117,038	90
HIGH ST	MAIN ST	DEAD END	Reclaim & Pave - Local	2,058	49	\$133,314	90
HOWE ST	90' N OF BLAINE ST	PACKARD ST	Reclaim & Pave - Local	556	49	\$55,104	90
BENNETT ST	CARLTON ST	WELSH ST	Reclaim & Pave - Local	1,260	50	\$129,594	25
CAUSEWAY ST	SUPERIOR DR	RICHARDSON ST	Reclaim & Pave - A/C	908	50	\$105,925	253
COLLINS DR	CAUSEWAY ST	BABEN RD	Reclaim & Pave - Local	1,265	50	\$115,707	88
HOSMER ST	SHAY RD	CORTLAND DR	Reclaim & Pave - A/C	2,212	50	\$227,061	253
HOSMER ST	ABAGAIL DR	MURPHY RD	Reclaim & Pave - A/C	1,079	50	\$110,728	253
MARJORIE ST	COX ST	DEAD END	Reclaim & Pave - Local	695	50	\$52,981	88
O'NEIL ST	COTTAGE ST	PACKARD ST	Reclaim & Pave - Local	1,283	50	\$131,950	88
THIRD ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	804	50	\$61,264	88
BABICK LAKE DR	LAKESIDE AV	DEAD END	Reclaim & Pave - Local	892	51	\$67,977	25
MACKIN ST	COX ST	MAIN ST	Reclaim & Pave - Local	444	51	\$33,855	87
STILL DR	MEADOWBROOK RD	MEADOWBROOK RD	Reclaim & Pave - Local	1,454	51	\$155,100	87
WEST AVE	MAIN ST	HUNTER AV	Reclaim & Pave - Local	1,010	51	\$76,930	62
ABIGAIL DR	HOSMER ST	CORNISH DR	Reclaim & Pave - Local	1,619	52	\$185,072	24
CENTRAL ST	LINCOLN ST	100' E OF COOLIDGE ST	Reclaim & Pave - A/C	2,582	52	\$373,501	91
CHESTNUT ST	580' S OF TOWN LINE	MAIN ST	Reclaim & Pave - A/C	2,259	52	\$210,852	243
COX ST	300' S OF PIERCE ST	CLAIRE CIR	Reclaim & Pave - A/C	1,405	52	\$163,858	243
FIRST ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	577	52	\$48,330	85
HIGHLAND PARK AVE	COOLIDGE ST	PRIVATE PROPERTY	Reclaim & Pave - Local	459	52	\$34,983	85
OAK ST	RIVER ST	MEADOWBROOK ST	Reclaim & Pave - Local	1,657	52	\$164,170	85
RIDGE RD	PLANT AV	DEAD END	Reclaim & Pave - Local	1,380	52	\$168,259	85
RIMKUS RD	RIVER RD	DEAD END	Reclaim & Pave - Local	357	52	\$27,165	85
RIVER RD	RIMKUS RD	BIGELOW RD	Reclaim & Pave - A/C	636	52	\$118,636	243
SHAY RD	BROOK ST	HOSMER ST	Reclaim & Pave - Local	274	52	\$22,941	85
BUTMAN ST	CARTER ST	WILSON ST	Reclaim & Pave - Local	753	53	\$71,722	83
CEDAR ST	EAST ST	DEAD END	Reclaim & Pave - Local	424	53	\$35,564	83

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CHAPIN RD	RIVER RD	600' S OF RIVER RD	Reclaim & Pave - Local	595	53	\$63,495	357
CHESTNUT ST	MURPHY RD	TOWN LINE	Reclaim & Pave - A/C	4,473	53	\$459,203	238
FELTON ST	PLEASANT ST	DEAD END	Reclaim & Pave - Local	745	53	\$70,960	83
MARLBORO ST	50' N OF ONEIDA PL	MARLBORO TOWN LINE	Reclaim & Pave - A/C	1,429	53	\$200,003	238
MEADOWBROOK RD	RIVER ST	MAPLE ST	Reclaim & Pave - Local	2,444	53	\$260,733	83
MURPHY RD	CRESTVIEW DR	CHESTNUT ST	Reclaim & Pave - Local	1,362	53	\$114,186	357
PARKHURST DR	COX ST	LEE CIR	Reclaim & Pave - Local	791	53	\$87,441	83
PINE ST	RIVER ST	MEADOWBROOK RD	Reclaim & Pave - Local	1,657	53	\$138,879	83
RIVERVIEW ST	RIVER ST	206' N OF DEAD END	Reclaim & Pave - Local	300	53	\$25,146	83
SECOND ST	LINCOLN ST	DEAD END	Reclaim & Pave - Local	707	53	\$64,684	83
TOWER ST	MAIN ST	COX ST	Reclaim & Pave - Local	3,738	53	\$398,722	83
ALAN RD	400' N OF BRADFORD RD	CUL DE SAC	Reclaim & Pave - Local	837	54	\$106,063	12
BROAD ST	WHEELER RD	MAIN ST	Reclaim & Pave - A/C	1,597	54	\$201,207	601
CARLTON ST	140' E OF BENNETT ST	CUL DE SAC LOOP	Reclaim & Pave - Local	842	54	\$86,615	82
FORESTVALE RD	BROAD ST	450' E OF BROAD ST	Reclaim & Pave - Local	450	54	\$53,184	23
HAPGOOD ST	LINCOLN ST	ONEIL ST	Reclaim & Pave - Local	558	54	\$55,245	82
HARRIMAN RD	MAXWELL CIR	100' N OF REARDON RD	Reclaim & Pave - Local	367	54	\$44,683	82
HILLSIDE RD	CENTRAL ST	470' N OF CENTRAL ST	Reclaim & Pave - Local	470	54	\$33,987	82
HILLSIDE RD	161' W OF LAUREL DR	LAUREL DR	Reclaim & Pave - Local	162	54	\$18,488	23
INDIAN LAKE SHORE DR	TOWN LINE	DEAD END	Reclaim & Pave - Local	287	54	\$24,056	23
JOHN ROBINSON DR	FOREST AV	CAUSEWAY ST	Reclaim & Pave - Local	2,567	54	\$293,370	82
PLEASANT ST	CHURCH ST	LINCOLN ST	Reclaim & Pave - Local	1,309	54	\$114,689	82
SOUTH ST	WASHINGTON ST	50' N OF SOUTH ST EXT	Reclaim & Pave - Local	880	54	\$107,325	82
STONY BROOK RD	500' S OF CHESTNUT ST	TOWN LINE	Reclaim & Pave - Local	825	54	\$62,887	58
WOODROW ST	1655' S OF MAIN ST	FOREST AV	Reclaim & Pave - Local	1,122	54	\$106,837	82
BABEN RD	CAUSEWAY ST	DEAD END	Reclaim & Pave - Local	955	55	\$80,030	80
FELTONVILLE RD	BELLEVIEW ST	200' S OF BELLEVIEW ST	Reclaim & Pave - Local	200	55	\$15,240	80
FUYAT ST	COTTAGE ST	DEAD END	Reclaim & Pave - Local	294	55	\$29,123	80
JUDITH RD	HICKORY LA	70' E OF HICKORY LA	Reclaim & Pave - Local	69	55	\$26,414	23

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JUNIPER RD	CHAPIN RD	DEAD END	Reclaim & Pave - Local	959	55	\$80,382	80
LEE CIR	COX ST	CUL DE SAC	Reclaim & Pave - Local	1,236	55	\$159,766	80
LEWIS ST	GREEN MEADOW LA	BROOK ST	Reclaim & Pave - Local	567	55	\$38,869	80
MARLBORO ST	CAUSEWAY ST	1855' S OF CAUSEWAY ST	Reclaim & Pave - A/C	1,856	55	\$259,792	230
RIVER ST	CENTRAL ST	GREEN ST	Reclaim & Pave - A/C	1,402	55	\$170,072	230
SANTOS DR	COX ST	CUL DE SAC	Reclaim & Pave - Local	734	55	\$104,839	23
SHAY RD	500' S OF HOSMER ST	1813' S OF HOSMER ST	Reclaim & Pave - Local	1,310	55	\$84,860	80
CRUMP ST	CENTRAL ST	500' N OF CENTRAL ST	Prep & Overlay - Local	500	56	\$17,977	118
GLENDALE RD	FOREST AV	DEAD END	Prep & Overlay - Local	629	56	\$12,172	34
LOWER RD	CAUSEWAY ST	DEAD END	Prep & Overlay - Local	834	56	\$29,975	34
CORNISH DR	HOSMER ST	CUL DE SAC	Prep & Overlay - Local	2,324	57	\$109,258	33
CRESTVIEW DR	MURPHY RD	CUL DE SAC	Prep & Overlay - Local	540	57	\$29,123	33
DAY CIR	MUNSON ST	CUL DE SAC	Prep & Overlay - Local	251	57	\$20,339	33
DEAN ST	WELSH ST	CUL DE SAC LOOP	Prep & Overlay - Local	962	57	\$37,260	33
HERMAN CIR	LEE CIR	CUL DE SAC	Prep & Overlay - Local	405	57	\$23,510	116
MARLBORO ST	1855' S OF CAUSEWAY ST	30' N OF FORT MEADOW DR	Prep & Overlay - A/C	619	57	\$29,279	364
HURON DR	SUPERIOR DR	ONTARIO DR	Prep & Overlay - Local	936	58	\$38,831	114
MURPHY RD	CHESTNUT ST	BROOK ST	Prep & Overlay - Local	994	59	\$24,739	481
ONTARIO DR	FORT MEADOW DR	CAYUGA DR	Prep & Overlay - Local	3,541	59	\$146,901	112
TECHNOLOGY DR	444' N OF WASHINGTON ST	631' W OF REED RD	Prep & Overlay - A/C	1,686	59	\$114,271	23
CHESTNUT ST	MAIN ST	MURPHY RD	Prep & Overlay - A/C	2,910	60	\$100,911	346
LINCOLN ST	APSLEY ST	220' N OF HAPGOOD ST	Prep & Overlay - A/C	640	60	\$26,207	888
MAIN ST	240' E OF PRIEST ST	VILA DO PORTO BLVD	Prep & Overlay - A/C	2,520	60	\$127,084	1,131
APSLEY ST	LINCOLN ST	LAKE ST	Prep & Overlay - Local	941	61	\$42,933	466
BROAD ST	WASHINGTON ST	WHEELER RD	Prep & Overlay - A/C	3,033	62	\$129,076	860
LAUREL DR	450' N OF HILLSIDE RD	RIDGE RD	Prep & Overlay - Local	3,254	62	\$125,982	15
WARNER ST	PACKARD ST	APSLEY ST	Prep & Overlay - Local	1,540	62	\$55,355	107
BENNETT ST	WELSH ST	772' N OF WELSH ST	Prep & Overlay - Local	773	63	\$28,850	30
CENTRAL ST	100' E OF COOLIDGE ST	LAUREL DR	Prep & Overlay - A/C	2,789	63	\$136,276	124

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CORTLAND DR	CORTLAND DR WB	CORTLAND DR (LOOP)	Prep & Overlay - Local	3,295	63	\$136,683	15
COX ST	OLD STOW RD	SANTOS DR	Prep & Overlay - A/C	2,565	63	\$113,202	330
MAIN ST	765' E OF MANNING ST	HIGH ST	Prep & Overlay - A/C	318	63	\$18,033	1,077
MAPLE ST	RIVER ST	MEADOWBROOK RD	Prep & Overlay - Local	1,827	63	\$65,703	105
MAXWELL CIR	HARRIMAN RD	CUL DE SAC	Prep & Overlay - Local	1,119	63	\$56,109	30
WILKINS ST	MAIN ST	TOWN LINE	Prep & Overlay - A/C	4,338	63	\$205,107	579
MAIN ST	165' W OF COX ST	1222' E OF PRIEST ST	Prep & Overlay - A/C	881	64	\$44,456	1,060
MARTIN CIR	HARRIMAN RD	CUL DE SAC	Prep & Overlay - Local	293	64	\$12,957	30
MURPHY RD	KAREN CIR	CRESTVIEW DR	Prep & Overlay - Local	1,500	64	\$43,554	444
QUAIL LANE	MANNING ST	CUL DE SAC	Prep & Overlay - Local	534	64	\$27,406	15
VILA DO PORTO BLVD	MAIN ST	BROAD ST	Prep & Overlay - Local	1,850	64	\$61,389	30
CHAPIN RD	1508' S OF RIVER RD	1614' N OF BRIGHAM ST	Prep & Overlay - Local	913	65	\$35,363	437
DEAN ST	CARLETON ST	WELSH ST	Prep & Overlay - Local	1,165	65	\$45,097	29
GATES AVE	RIVER ST	MEADOWBROOK RD	Prep & Overlay - Local	1,708	65	\$61,395	102
LINCOLN ST	220' N OF HAPGOOD ST	PACKARD ST	Prep & Overlay - A/C	785	65	\$32,162	820
MAIN ST	ROTARY	LINCOLN ST	Prep & Overlay - A/C	170	65	\$26,795	1,044
MURPHY RD	HOSMER ST	KAREN CIR	Prep & Overlay - Local	1,215	65	\$35,289	437
ORDWAY RD	CHAPIN RD	CUL DE SAC	Prep & Overlay - Local	1,400	65	\$68,366	29
REAGAN CIR	NIXON RD	CUL DE SAC	Prep & Overlay - Local	321	65	\$21,327	15
SOUTH BOLTON RD	CENTRAL ST	TOWN LINE	Prep & Overlay - Local	103	65	\$2,551	102
BROOK ST	245' N OF SHAY RD	LEWIS ST	Prep & Overlay - Local	326	66	\$9,906	100
BUSH RD	LAUREL DR	CUL DE SAC	Prep & Overlay - Local	627	66	\$33,160	14
CABOT RD	TECHNOLOGY DR	CUL DE SAC	Prep & Overlay - Local	801	66	\$44,312	14
CHADWICK RD	ATHERTON RD	CUL DE SAC	Prep & Overlay - Local	928	66	\$42,906	14
CROSS ST	MANNING ST	HIGH ST	Prep & Overlay - Local	354	66	\$18,108	100
DAVIS RD	MEADOWBROOK RD	CUL DE SAC	Prep & Overlay - Local	542	66	\$25,554	100
FOX RD	RIVER RD	PRIVATE PROPERTY	Prep & Overlay - Local	324	66	\$13,445	29
GROVE ST	VILA DO PORTO BLVD	100' S OF WINTER ST	Prep & Overlay - Local	585	66	\$19,415	430
PRIEST ST	PIERCE ST	COX ST	Prep & Overlay - Local	1,301	66	\$59,379	100

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RIVER RD	FOUR BRIDGES RD	RIMKUS RD	Prep & Overlay - A/C	972	66	\$45,938	315
SARATOGA DR	ONTARIO DR	CUL DE SAC	Prep & Overlay - Local	460	66	\$22,081	100
TECHNOLOGY DR	631' W OF REED RD	REED RD	Prep & Overlay - A/C	645	66	\$43,709	21
BEECHNUT LN	CHESTNUT ST	CUL DE SAC	Prep & Overlay - Local	961	67	\$42,543	28
BENNETT ST	772' N OF WELSH ST	VINAL ST	Prep & Overlay - Local	981	67	\$37,973	28
CARLTON ST	TOWER ST	140' E OF BENNETT ST	Prep & Overlay - Local	401	67	\$14,961	99
CHURCH ST	MAIN ST	367' N OF MAIN ST	Prep & Overlay - Local	368	67	\$21,350	99
CURLEY DR	BRIGHAM ST	CHAPIN RD	Prep & Overlay - Local	2,507	67	\$110,951	99
MERRITT DR	PRIEST ST	CUL DE SAC	Prep & Overlay - Local	615	67	\$33,140	14
RIVER RD	CHAPIN RD	FOUR BRIDGES RD	Prep & Overlay - A/C	3,315	67	\$156,757	310
SUPERIOR DR	CAUSWAY ST	ONTARIO DR	Prep & Overlay - Local	709	67	\$29,422	99
TIFFANY LN	HILLSIDE RD	CUL DE SAC	Prep & Overlay - Local	518	67	\$28,345	28
CARRIAGE HILL LN	SHAY RD	CUL DE SAC	Prep & Overlay - Local	547	68	\$24,201	14
HARRIMAN RD	BRIGHAM ST	MAXWELL CIR	Prep & Overlay - Local	1,079	68	\$47,725	97
NIXON RD	LAUREL DR	CUL DE SAC	Prep & Overlay - Local	804	68	\$40,021	14
OVERLAND ST	GIASSON ST	DEAD END	Prep & Overlay - Local	689	68	\$20,014	97
PIERCE ST	COX ST	PRIEST ST	Prep & Overlay - Local	1,951	68	\$89,046	97
PRINCETON RD	DEAD END (N)	CUL DE SAC (S)	Prep & Overlay - Local	471	68	\$25,612	28
RUTHELLEN RD	345' N OF BRADFORD RD	ALAN RD	Prep & Overlay - Local	820	68	\$29,468	14
SOUTH ST EXT	SOUTH ST	BROAD ST	Prep & Overlay - Local	847	68	\$44,530	28
BENNETT ST	VINAL ST	COX ST	Prep & Overlay - Local	468	69	\$18,124	27
FORT MEADOW DR	ELIZABETH RD	ONTARIO DR	Prep & Overlay - Local	4,632	69	\$192,165	96
MICHIGAN DR	FORT MEADOW DR	ONTARIO DR	Prep & Overlay - Local	1,650	69	\$68,447	96
PRIEST ST	MAIN ST	PIERCE ST	Prep & Overlay - Local	2,620	69	\$76,093	96
RAYMOND RD	RUTHELLEN RD	DEAD END	Prep & Overlay - Local	192	69	\$7,982	96
RICHARDSON ST	CAUSEWAY ST	RICHARDSON RD	Prep & Overlay - Local	2,356	69	\$97,736	96
ROBERT BONAZZOLI AVE	FOREST AV	CUL DE SAC	Prep & Overlay - Local	2,092	69	\$110,907	27
SOLO RD	MAIN ST	CUL DE SAC	Prep & Overlay - Local	523	69	\$29,588	14
VINAL ST	BENNETT ST	783' S OF BENNETT ST	Prep & Overlay - Local	784	69	\$34,680	27

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ANNIE TERRACE DR	PARMENTER RD	CUL DE SAC	Prep & Overlay - Local	503	70	\$27,563	14
BRIGHAM ST	WASHINGTON ST	PARK ST	Prep & Overlay - A/C	1,509	70	\$52,326	297
CAYUGA DR	FORT MEADOW DR	ONTARIO DR	Prep & Overlay - Local	1,430	70	\$59,316	95
EDITH RD	PRIEST ST	PIERCE ST	Prep & Overlay - Local	1,472	70	\$67,187	95
HEARTHSTONE DR	CURLEY DR (W)	CURLEY DR (E)	Prep & Overlay - Local	982	70	\$40,751	95
MARYCHRIS DR	PIERCE ST	PRIEST ST	Prep & Overlay - Local	1,489	70	\$65,908	95
PHILIP ST	BRADFORD RD	CUL DE SAC	Prep & Overlay - Local	1,237	70	\$58,160	27
RICHARDSON RD	FOREST AV	RICHARDSON RD	Prep & Overlay - Local	659	70	\$27,322	95
HAMMOND CIR	BRIGHAM ST	CUL DE SAC	Prep & Overlay - Local	380	71	\$15,765	27
LARK DR	MARYCHRIS DR (S)	MARYCHRIS DR (N)	Prep & Overlay - Local	822	71	\$36,370	93
BRADFORD RD	LINCOLN ST	RUTHELLEN RD	Prep & Overlay - Local	2,105	72	\$87,315	92
BRENTONWOOD RD	380' S OF ATHERTON RD	CHADWICK RD	Prep & Overlay - Local	856	72	\$33,140	66
BRIGHAM ST	PARK ST	220' N OF CURLEY DR	Prep & Overlay - A/C	1,461	72	\$62,180	288
CAUSEWAY ST	RICHARDSON ST	LOWER RD	Prep & Overlay - A/C	2,051	72	\$80,819	288
COOLIDGE ST	HIGHLAND PARK AV	1396' W OF HIGHLAND PARK AV	Prep & Overlay - A/C	1,396	72	\$96,816	1,108
EMERSON RD	ATHERTON RD	CUL DE SAC	Prep & Overlay - Local	346	72	\$21,317	13
KATHLEEN RD	COX ST	PIERCE ST	Prep & Overlay - Local	706	72	\$31,233	92
RIVER ST	GREEN ST	RIVERVIEW ST	Prep & Overlay - A/C	987	72	\$37,325	288
ATHERTON RD	128' S OF BRENTWOOD DR	HICKORY LA	Prev. Maint w/Base Repair	1,394	73	\$26,003	18
CHAMPLAIN DR	FORT MEADOW DR	ONTARIO DR	Prev. Maint w/Base Repair	1,377	73	\$27,521	125
CHAPIN RD	BRIGHAM ST	TOWN LINE	Prev. Maint w/Base Repair	2,652	73	\$53,020	538
ERIE DR	FORT MEADOW DR	ONTARIO DR	Prev. Maint w/Base Repair	1,454	73	\$29,066	125
GREEN ST	CENTRAL ST	330' N OF RIVER ST	Prev. Maint w/Base Repair	1,033	73	\$17,897	125
MAIN ST	VILA DO PORTO BLVD	765' E OF MANNING ST	Prev. Maint w/Base Repair	1,021	73	\$21,767	1,757
OLD BOLTON RD	AVON DR	TOWN LINE	Prev. Maint w/Base Repair	3,478	73	\$57,935	125
RIVER RD	BIGELOW RD	TOWN LINE	Prev. Maintenance	2,150	73	\$42,274	656
BRENT DR	MAIN ST	CUL DE SAC	Prev. Maint w/Base Repair	2,181	74	\$51,419	35
CORTLAND DR	HOSMER ST	CORTLAND DR WB	Prev. Maint w/Base Repair	291	74	\$3,107	18
COX ST	MAIN ST	300' S OF PIERCE ST	Prev. Maint w/Base Repair	2,426	74	\$42,024	531

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COX ST	CLAIRE CIR	OLD STOW RD	Prev. Maint w/Base Repair	864	74	\$14,387	531
EXETER RD	BRENTWOOD RD	PRIVATE PROPERTY	Prev. Maint w/Base Repair	771	74	\$17,744	18
EXETER RD	PRIVATE PROPERTY	FORBES RD	Prev. Maint w/Base Repair	1,663	74	\$34,399	18
MAIN ST	138' W OF WILKINS ST	165' W OF COX ST	Prev. Maintenance	667	74	\$11,661	2,113
MARLBORO ST	30' N OF FORT MEADOW DR	370' N OF REED RD	Prev. Maint w/Base Repair	1,388	74	\$27,743	531
OLD STOW RD	COX ST	TOWN LINE	Prev. Maint w/Base Repair	2,612	74	\$41,771	531
PARK ST	WASHINGTON ST	BRIGHAM ST	Prev. Maintenance	3,105	74	\$45,790	647
PHEASANT TR	BRIGHAM ST	BRIGHAM ST	Prev. Maintenance	1,207	74	\$18,458	151
POPE ST	MAIN ST	480' S OF PLEASANT ST	Prev. Maintenance	821	74	\$13,444	151
TEMI RD	MANNING ST	BRADFORD RD	Prev. Maint w/Base Repair	2,800	74	\$55,976	124
BELLEVUE ST	SCHOOL ST	FELTONVILLE RD	Prev. Maint w/Base Repair	364	75	\$6,067	122
COOLIDGE ST	450' W OF CENTRAL ST	HIGHLAND PARK AV	Prev. Maintenance	1,623	75	\$38,992	2,452
FELTON ST	RUSSELL ST	PLEASANT ST	Prev. Maint w/Base Repair	411	75	\$6,851	122
FELTONVILLE RD	200' S OF BELLEVUE ST	PRINCETON RD	Prev. Maint w/Base Repair	782	75	\$10,422	122
LEWIS ST	CHESTNUT ST	MAIN ST	Prev. Maintenance	618	75	\$7,419	149
MARKET ST	MAIN ST	SOUTH ST	Prev. Maint w/Base Repair	238	75	\$3,806	122
APSLEY ST	LAKE ST	MANNING ST	Prev. Maint w/Base Repair	1,037	76	\$19,346	517
BROOK ST	MAIN ST	HUMMOCK WAY	Prev. Maint w/Base Repair	965	76	\$14,140	121
EATON DR	AVON DR	KENT DR	Prev. Maint w/Base Repair	3,005	76	\$60,067	121
FALLSBROOK RD	LAUREL DR	CUL DE SAC	Prev. Maint w/Base Repair	1,150	76	\$24,828	34
FELTON ST	MAIN ST	RUSSELL ST	Prev. Maint w/Base Repair	735	76	\$12,238	121
FORT MEADOW DR	MARLBORO ST	ELIZABETH RD	Prev. Maint w/Base Repair	2,225	76	\$44,468	121
HAMPSHIRE CIR	BEXLEY DR	CUL DE SAC	Prev. Maintenance	704	76	\$11,531	147
OLD BOLTON RD	OLD STOW RD	AVON DR	Prev. Maint w/Base Repair	821	76	\$14,772	121
STOWE CT	FOREST AV	DEAD END	Prev. Maint w/Base Repair	626	76	\$9,176	121
BLUEBERRY LN	OLD NORTH RD	CUL DE SAC LOOP	Prev. Maintenance	1,187	77	\$16,855	104
CAUSEWAY ST	LOWER RD	TOWN LINE	Prev. Maint w/Base Repair	2,327	77	\$38,769	510
CHURCH ST	367' N OF MAIN ST	PLEASANT ST	Prev. Maint w/Base Repair	979	77	\$18,268	119
POPE ST	480' S OF PLEASANT ST	PLEASANT ST	Prev. Maint w/Base Repair	480	77	\$11,514	119

Pavement Backlog Report (PCI Acending)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
AVON DR	OLD BOLTON RD	STRATTON DR	Prev. Maint w/Base Repair	2,542	78	\$55,896	117
DOVER CIR	AVON DR	CUL DE SAC	Prev. Maint w/Base Repair	577	78	\$13,647	117
EVERETT ST	WASHINGTON ST	PARK ST	Prev. Maint w/Base Repair	514	78	\$7,869	117
GREEN ST	330' N OF RIVER ST	RIVER ST	Prev. Maintenance	330	78	\$9,022	143
HICKORY LN	CHAPIN RD	CURLEY DR	Prev. Maintenance	2,061	78	\$36,014	143
HILLSIDE RD	470' N OF CENTRAL ST	161' W OF LAUREL DR	Prev. Maint w/Base Repair	885	78	\$16,504	34
MUNICIPAL DR	COX ST	250' E OF COX ST	Prev. Maint w/Base Repair	257	78	\$4,451	34
ROBERT RD	TEMI RD	CUL DE SAC	Prev. Maintenance	889	78	\$15,132	143
ELM ST	COX ST	BLOSSOM ST	Prev. Maintenance	1,123	79	\$12,271	141
FELTON ST Y INT	FELTON ST	PLEASANT ST	Prev. Maint w/Base Repair	208	79	\$3,471	83
HOWARD RD	BRADFORD RD	CUL DE SAC	Prev. Maintenance	511	79	\$9,115	141
ARLINGTON ST	CENTRAL ST	DEAD END	Prev. Maintenance	457	80	\$6,487	140
COX ST	MANNING ST	LAKE ST	Prev. Maintenance	1,028	80	\$17,957	599
KATTAIL RD	PHEASANT TR	CUL DE SAC	Prev. Maintenance	765	80	\$15,210	40
LAKE ST	250' N OF APSLEY ST	PLEASANT ST	Prev. Maint w/Base Repair	759	80	\$14,157	115
LINDEN ST	GREEN ST	DEAD END	Prev. Maintenance	726	80	\$9,116	140
MARION ST	LINCOLN ST	WARNER ST	Prev. Maintenance	285	80	\$4,053	140
MILDRED RD	DEAD END	FELTONVILLE RD	Prev. Maint w/Base Repair	113	80	\$1,428	33
ORCHARD DR	MAIN ST	WILKINS ST	Prev. Maintenance	2,552	80	\$41,812	20
REARDON RD	BRIGHAM ST	HARRIMAN RD	Prev. Maintenance	927	80	\$16,205	140
RICHARD RD	BRADFORD RD	ROBERT RD	Prev. Maintenance	1,903	80	\$31,173	140
RUTLAND ST	WASHINGTON ST	PARK ST	Prev. Maintenance	966	80	\$12,662	140
SENECA DR	FORT MEADOW DR	1245' W OF FORT MEADOW RD	Prev. Maintenance	1,245	80	\$21,082	140
WALCOTT ST	OLD BOLTON RD	TOWN LINE	Prev. Maint w/Base Repair	1,135	80	\$15,121	115
ALAN RD	BRADFORD RD	400' N OF BRADFORD RD	Prev. Maintenance	400	81	\$9,642	20
BRIGHAM CIR #2	BRIGHAM CIR	CUL DE SAC LOOP	Prev. Maint w/Base Repair	377	81	\$6,522	32
BROOK ST	SHAY RD	245' N OF SHAY RD	Prev. Maintenance	244	81	\$2,934	138
COOLIDGE ST	CENTRAL ST	450' W OF CENTRAL ST	Prev. Maintenance	450	81	\$10,814	2,271
COOLIDGE ST	1396' W OF HIGHLAND PARK AV	1388' E OF BERLIN TOWN LINE	Prev. Maintenance	1,599	81	\$52,385	2,271

Pavement Backlog Report (PCI Acending)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
CORTLAND DR WB	CORTLAND DR	HOSMER ST	Prev. Maintenance	300	81	\$2,623	99
FOREST AVE	OLD NORTH RD	MAIN ST	Prev. Maintenance	1,886	81	\$30,909	591
FRANKLIN ST	ARLINGTON ST	IRVING ST	Prev. Maintenance	510	81	\$7,248	138
FRIAS CT	MANNING ST	CUL DE SAC	Prev. Maintenance	486	81	\$10,529	20
HARRIMAN RD	100' N OF REARDON RD	CURLEY DR	Prev. Maintenance	1,425	81	\$18,677	138
MARGARET CIR	OLD BOLTON RD	CUL DE SAC	Prev. Maintenance	466	81	\$10,281	39
RIBBLES LN	FALLSBROOK RD (S)	FALLSBROOK RD (N)	Prev. Maintenance	1,022	81	\$15,633	39
RUTHELLEN RD	RICHARD RD	345' N OF BRADFORD RD	Prev. Maintenance	1,561	81	\$25,581	20
SUMMER ST	BROAD ST	GROVE ST	Prev. Maintenance	758	81	\$9,105	138
WOODLAND DR	CHAPIN RD	HICKORY LA	Prev. Maintenance	1,330	81	\$23,237	39
DEWEY ST	COX ST	DEAD END	Prev. Maint w/Base Repair	904	82	\$15,052	112
FIELDSTREAM LN	PHEASANT TR	CUL DE SAC	Prev. Maintenance	448	82	\$6,854	39
KELLY LN	CHESTNUT ST	CUL DE SAC LOOP	Prev. Maintenance	668	82	\$8,753	39
PLEASANT ST	WARNER ST	COTTAGE ST	Prev. Maintenance	258	82	\$3,099	136
ALBERTA DR	REARDON RD	HARRIMAN RD	Prev. Maintenance	1,072	83	\$16,395	135
CAUSEWAY ST	MARLBORO ST	SUPERIOR DR	Prev. Maint w/Base Repair	2,036	83	\$33,915	473
CRANBERRY LN	WHITE POND RD	CUL DE SAC	Prev. Maintenance	777	83	\$17,666	38
FREEMAN CIR	BRIGHAM ST	CUL DE SAC	Prev. Maintenance	518	83	\$11,132	96
GREEN MEADOW LN	LEWIS ST	CUL DE SAC	Prev. Maintenance	491	83	\$10,606	38
LINCOLN ST	PACKARD ST	THIRD ST	Prev. Maint w/Base Repair	912	83	\$15,799	1,214
MARELDOR ST	OLD STOW RD	JOHNSON AV	Prev. Maintenance	462	83	\$5,556	135
WOODROW ST	MAIN ST	1655' S OF MAIN ST	Prev. Maint w/Base Repair	1,655	83	\$27,560	110
BICENTENNIAL WAY	PARK ST	DEAD END	Prev. Maintenance	465	84	\$7,616	38
BRIGHAM ST	50' S OF CHAPIN RD	LILAC LN	Prev. Maint w/Base Repair	1,891	84	\$26,465	467
CHESTNUT ST	TOWN LINE	580' S OF TOWN LINE	Prev. Maint w/Base Repair	580	84	\$6,183	467
FOREST AVE	200' W OF WOODROW ST	OLD NORTH RD	Prev. Maintenance	1,569	84	\$25,701	570
JOHNSON AVE	MARELDOR ST	OLD STOW RD	Prev. Maintenance	859	84	\$14,076	133
BRIGHAM ST	220' N OF CURLEY DR	CHAPIN RD	Prev. Maintenance	1,431	85	\$21,100	563
COX ST	LAKE ST	LINCOLN ST	Prev. Maintenance	841	85	\$13,786	563

Pavement Backlog Report (PCI Ascending)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
EDGEWOOD DR	JOHNSON AV	CUL DE SAC	Prev. Maintenance	722	85	\$14,144	38
FLORENCE ST	RIVER ST	CUL DE SAC	Prev. Maintenance	1,604	85	\$21,898	131
GIASSON ST	WASHINGTON ST	BROAD ST	Prev. Maintenance	1,519	85	\$17,425	131
HOUGHTON CT	MAIN ST	SOUTH ST EXT	Prev. Maintenance	293	85	\$3,844	131
LILAC LN	BRIGHAM ST	DEAD END	Prev. Maintenance	685	85	\$5,241	94
LINCOLN ST	THIRD ST	TOWN LINE	Prev. Maintenance	3,032	85	\$59,623	1,446
WHEELER RD	341' S OF FOREST AV	FOREST AV	Prev. Maintenance	342	85	\$2,988	131
BRIGHAM ST	LILAC LN	TOWN LINE	Local Maintenance w/Base Rc	2,603	86	\$12,935	792
CENTRAL ST	LAUREL DR	1553' W OF BOLTON ST	Local Maintenace	3,351	86	\$7,687	858
COLBURN CIR	OLD BOLTON RD	CUL DE SAC	Local Maintenance w/Base Rc	535	86	\$3,996	185
ELM DR	CENTRAL ST	FLORENCE ST	Local Maintenance w/Base Rc	311	86	\$1,486	185
HOUGHTON CT	300' S OF SOUTH ST EXT	HOUGHTON ST	Local Maintenance w/Base Rc	217	86	\$623	185
KENT DR	690' S OF EATON DR	OLD BOLTON RD	Local Maintenance w/Base Rc	3,552	86	\$20,368	185
MARLBORO ST	FOREST AV	CAUSEWAY ST	Local Maintenance w/Base Rc	583	86	\$4,566	792
BEXLEY DR	AVON DR	EATON DR	Local Maintenace	1,142	87	\$2,899	528
BRIGHAM CIR	BRIGHAM ST	CUL DE SAC LOOP	Local Maintenance w/Base Rc	1,308	87	\$6,503	183
COOLIDGE ST	1388' E OF BERLIN TOWN LINE	824' E OF BERLIN TOWN LINE	Local Maintenace	564	87	\$2,771	8,697
FOREST AVE	GROVE ST	150' W OF MARLBORO ST	Local Maintenance w/Base Rc	3,062	87	\$14,049	783
FOREST AVE	150' W OF MARLBORO ST	200' W OF WOODROW ST	Local Maintenace	561	87	\$1,932	3,774
MANNING ST	100' S OF STRATTON RD	TOWN LINE	Local Maintenance w/Base Rc	2,295	87	\$13,163	783
MARION ST	LAKE ST	LINCOLN ST	Local Maintenace	864	87	\$1,841	528
MASON ST	BROAD ST	GIASSON ST	Local Maintenance w/Base Rc	1,575	87	\$7,223	183
PACKARD ST	LINCOLN ST	CENTRAL ST	Local Maintenace	3,126	87	\$10,244	2,264
PLEASANT ST	LINCOLN ST	WARNER ST	Local Maintenace	299	87	\$490	528
RICE ST	CENTRAL ST	LINCOLN ST	Local Maintenace	686	87	\$1,179	528
STRATTON RD	COX ST	MANNING ST	Local Maintenace	1,613	87	\$3,700	528
WARNER ST	APSLEY ST	PLEASANT ST	Local Maintenace	454	87	\$966	528
WHEELER RD	632' N OF BROAD ST	341' S OF FOREST AV	Local Maintenace	722	87	\$947	528
YORK DR	AVON DR	CUL DE SAC	Local Maintenace	672	87	\$1,879	528

Pavement Backlog Report (PCI Ascending)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
BLAINE ST	CARTER ST	WILSON ST	Local Maintenace	853	88	\$1,818	522
BRENTONWOOD RD	MAXWELL CIR	380' S OF ATHERTON RD	Local Maintenace	921	88	\$2,112	373
COOLIDGE ST	824' E OF BERLIN TOWN LINE	BERLIN TOWN LINE	Local Maintenace	825	88	\$2,979	8,599
FORBES RD	ATHERTON RD	235' S OF ATHERTON RD	Local Maintenace	235	88	\$964	75
JOHNSON AVE	HARVEY ST	MARELDOR ST	Local Maintenace	474	88	\$855	522
KENT DR	EATON DR	690' S OF EATON DR	Local Maintenace	690	88	\$1,696	522
LEWIS ST	MAIN ST	GREEN MEADOW LA	Local Maintenace	273	88	\$493	522
LORING ST	GROVE ST	BROAD ST	Local Maintenace	706	88	\$1,215	522
MAIN ST	STOW TOWN LINE	TEMPLE AV	Local Maintenace	3,940	88	\$10,974	7,313
MAIN ST	TEMPLE AV	BRENT DR	Local Maintenace	3,429	88	\$9,552	7,313
PATRIOT LN	OLD BOLTON RD	CUL DE SAC	Local Maintenace	753	88	\$2,248	522
PEARL ST	LINCOLN ST	FELTON ST	Local Maintenace	640	88	\$1,101	522
PORT ST	RIVER ST	DEAD END	Local Maintenace	802	88	\$1,446	373
REED RD	MARLBOROUGH ST	TECHNOLOGY DR	Local Maintenace	1,869	88	\$4,745	522
RUSSELL ST	LINCOLN ST	350' E OF LINCOLN ST	Local Maintenace	352	88	\$577	522
STRATTON DR	STRATTON RD	EATON DR	Local Maintenace	1,851	88	\$4,701	522
WASHINGTON ST	GIASSON ST	BRIGHAM ST	Local Maintenace	878	88	\$1,727	8,955
WASHINGTON ST	BRIGHAM ST	SCHOOL ST	Local Maintenace	1,815	88	\$3,866	8,955
WELLINGTON DR	EATON DR	BEXLEY DR	Local Maintenace	1,372	88	\$3,596	522
WINTER ST	BROAD ST	FOREST AV	Local Maintenace	1,473	88	\$2,655	522
ATHERTON RD	BRENTWOOD DR	128' S OF BRENTWOOD DR	Local Maintenace	653	89	\$1,497	74
COTTAGE ST	APSLEY ST	PACKARD ST	Local Maintenace	1,369	89	\$3,141	517
HOSMER ST	MURPHY RD	TOWN LINE	Local Maintenace	754	89	\$1,359	2,214
HOWE ST	APSLEY ST	90' N OF BLAINE ST	Local Maintenace	424	89	\$903	517
LORING CT	LORING ST	175' N OF LORING ST	Local Maintenace	175	89	\$302	517
PALMIERI DR	TEMI RD	180' S OF TEMI RD	Local Maintenace	180	89	\$383	517
SANDY KNOLL DR	CHESTNUT ST	CUL DE SAC	Local Maintenace	459	89	\$940	148
WARNER ST	PLEASANT ST	DEAD END	Local Maintenace	255	89	\$544	517
WASHINGTON ST	BROAD ST	GIASSON ST	Local Maintenace	1,930	89	\$6,957	8,856

Pavement Backlog Report (PCI Ascending)
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2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
WOOD ST	EVERETT ST	DEAD END	Local Maintenance	430	89	\$774	517
CRUMP ST	500' N OF CENTRAL ST	DEAD END	Do Nothing	396	90	\$0	0
GROVE ST	100' S OF WINTER ST	WATER ST	Local Maintenance	554	90	\$1,090	2,190
HOSMER ST	CORTLAND DR	ABAGAIL DR	Local Maintenance	590	90	\$1,063	2,190
LAKESIDE AVE	MAIN ST	ROCK AV	Local Maintenance	1,722	90	\$2,398	365
LAKESIDE AVE	ROCK AV	DEAD END	Local Maintenance	682	90	\$950	365
MACINTOSH WAY	CAUSEWAY ST	DEAD END	Do Nothing	128	90	\$0	0
MAIN ST	BRENT DR	CHESTNUT ST	Local Maintenance	3,390	90	\$9,444	7,153
MARLBORO ST	370' N OF REED RD	50' N OF ONEIDA PL	Local Maintenance	603	90	\$1,680	2,190
MIDDLE RD	LAKE SHORE DR	DEAD END	Do Nothing	237	90	\$0	0
WALNUT ST	BROAD ST	GIASSON ST	Local Maintenance	1,200	90	\$2,065	511
WATER ST	BROAD ST	GROVE ST	Local Maintenance	776	90	\$1,335	2,190
ZINA DR	COX ST	OLD STOW RD	Local Maintenance	2,467	90	\$4,851	511
GERRY DR	LAUREL DR	CENTRAL ST	Local Maintenance	1,378	92	\$2,935	143
CENTRAL ST	1553' W OF BOLTON ST	TOWN LINE	Do Nothing	1,864	93	\$0	0
ESSEX DR	MANNING ST	KENT DR	Do Nothing	348	93	\$0	0
HOUGHTON ST	SCHOOL ST	WASHINGTON ST	Do Nothing	1,952	93	\$0	0
LAKE ST	COX ST	250' N OF APSLEY ST	Do Nothing	731	93	\$0	0
TEMPLE AVE	MAIN ST	WORCESTER AV	Do Nothing	899	93	\$0	0
MANNING ST	COX ST	100' S OF STRATTON RD	Do Nothing	1,871	94	\$0	0
SPRING ST	SUMMER ST	WINTER ST	Do Nothing	389	94	\$0	0
TECHNOLOGY DR	WASHINGTON ST	444' N OF WASHINGTON ST	Do Nothing	444	94	\$0	0
WHEELER RD	BROAD ST	632' N OF BROAD ST	Do Nothing	632	94	\$0	0
BERTHA ST	OLD STOW RD	JOHNSON AV	Do Nothing	499	95	\$0	0
BLOSSOM ST	MANNING ST	HIGH ST	Do Nothing	523	95	\$0	0
BOLTON ST	CENTRAL ST	TOWN LINE	Do Nothing	1,151	95	\$0	0
BROOK ST	100' N OF MURPHY RD	MURPHY RD	Do Nothing	98	95	\$0	0
BROOK ST	CHESTNUT ST	SHAY RD	Do Nothing	2,136	95	\$0	0
BYRON ST	LINCOLN ST	DEAD END	Do Nothing	461	95	\$0	0

Pavement Backlog Report (PCI Ascending)

2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
CLAIRE CIR	COX ST	CUL DE SAC	Do Nothing	463	95	\$0	0
COLD SPRING LN	MAIN ST	DEAD END	Do Nothing	489	95	\$0	0
COTTAGE ST	CENTRAL ST	APSLEY ST	Do Nothing	844	95	\$0	0
COTTAGE ST	PACKARD ST	PLANT AV (N)	Do Nothing	723	95	\$0	0
COTTAGE ST	PLANT AV (N)	RIDGE RD	Do Nothing	1,003	95	\$0	0
ELAINE CIR	ZINA DR	CUL DE SAC	Do Nothing	656	95	\$0	0
FOUR BRIDGES RD	RIVER RD	DEAD END	Do Nothing	453	95	\$0	0
GLEN RD	220' E OF LAUREL DR	CUL DE SAC LOOP	Do Nothing	701	95	\$0	0
HARVEY ST	OLD STOW RD	JOHNSON AV	Do Nothing	508	95	\$0	0
HOUGHTON ST	MAIN ST	100' S OF HOUGHTON CT	Do Nothing	593	95	\$0	0
JULIAN LN	BOLTON ST	CUL DE SAC	Do Nothing	271	95	\$0	0
JULIAN LN	CUL DE SAC	DEAD END	Do Nothing	330	95	\$0	0
LORING CT	175' N OF LORING ST	GROVE ST	Do Nothing	316	95	\$0	0
MAIN ST	1222' E OF PRIEST ST	240' E OF PRIEST ST	Do Nothing	983	95	\$0	0
MAIN ST	HIGH ST	MANNING ST	Do Nothing	448	95	\$0	0
MAIN ST	MANNING ST	140' W OF POPE ST	Do Nothing	1,312	95	\$0	0
MANCHESTER DR	STRATTON RD	KENT DR	Do Nothing	325	95	\$0	0
OLD NORTH RD	FOREST AV	CAUSEWAY ST	Do Nothing	3,151	95	\$0	0
PALMIERI DR	180' S OF TEMI RD	744' S OF TEMI RD	Do Nothing	564	95	\$0	0
PALMIERI DR	744' S OF TEMI RD	COX ST	Do Nothing	560	95	\$0	0
REDCO RD	CENTRAL ST	CUL DE SAC LOOP	Do Nothing	387	95	\$0	0
ROCK AVE	MAIN ST	LAKESIDE AV	Do Nothing	1,104	95	\$0	0
ROLLING LN	FOUR BRIDGES RD	CUL DE SAC	Do Nothing	2,511	95	\$0	0
RUSSELL ST	350' E OF LINCOLN ST	FELTON ST	Do Nothing	261	95	\$0	0
SCHOOL ST	WASHINGTON ST	485' E OF WASHINGTON ST	Do Nothing	486	95	\$0	0
SHAWMUT AVE	CENTRAL ST	RIDGE RD	Do Nothing	1,252	95	\$0	0
WASHINGTON ST	415' S OF TECHNOLOGY DR	60' S OF TECHNOLOGY DR	Do Nothing	353	95	\$0	0
WASHINGTON ST (NB)	70' N OF TECHNOLOGY DR	BROAD ST	Do Nothing	848	95	\$0	0
BROOK ST	HUMMOCK WAY	100' N OF MURPHY RD	Do Nothing	527	98	\$0	0

Pavement Backlog Report (PCI Ascending)
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2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
BROOK ST	MURPHY RD	CHESTNUT ST	Do Nothing	681	98	\$0	0
HOUGHTON ST	100' S OF HOUGHTON CT	SCHOOL ST	Do Nothing	419	98	\$0	0
IRVING ST	CENTRAL ST	FRANKLIN ST	Do Nothing	316	98	\$0	0
LAKE SHORE DR	CAUSEWAY ST	TOWN LINE	Do Nothing	1,995	98	\$0	0
STONY BROOK RD	CHESTNUT ST	500' S OF CHESTNUT ST	Do Nothing	502	98	\$0	0
WASHINGTON STREET (SB)	NORTH SIDE OF ROTARY	HUDSON ST	Do Nothing	910	98	\$0	0
WILSON ST	APSLEY ST	PACKARD ST	Do Nothing	736	98	\$0	0
WORCESTER AVE	HUNTER AV	TEMPLE AV	Do Nothing	878	98	\$0	0
FORBES RD	235' S OF ATHERTON RD	CUL DE SAC	Do Nothing	2,326	99	\$0	0
JUDITH RD	70' E OF HICKORY LA	CUL DE SAC	Do Nothing	856	99	\$0	0
MAIN ST	CHESTNUT ST	LEWIS ST	Do Nothing	624	99	\$0	0
OLD COUNTY RD	MAIN ST (W)	MAIN ST (E)	Do Nothing	1,227	99	\$0	0
SCHOOL ST	485' E OF WASHINGTON ST	HOUGHTON ST	Do Nothing	817	99	\$0	0
VERNON DR	WASHINGTON ST	CUL DE SAC	Do Nothing	583	99	\$0	0
WASHINGTON ST	MARLBORO TOWN LINE	VERNON DR	Do Nothing	998	99	\$0	0
WASHINGTON ST	VERNON DR	415' S OF TECHNOLOGY DR	Do Nothing	685	99	\$0	0
BIRCHWOOD RD	WOODROW ST (N)	WOODROW ST (S)	Do Nothing	1,113	100	\$0	0
CHERRY ST	GROVE ST	DEAD END	Do Nothing	1,896	100	\$0	0
ELIZABETH RD	FORT MEADOW DR	394' S OF FORT MEADOW DR	Do Nothing	395	100	\$0	0
ELIZABETH RD	394' S OF FORT MEADOW DR	TOWN LINE	Do Nothing	316	100	\$0	0
FORESTVALE RD	450' E OF BROAD ST	TECHNOLOGY DR	Do Nothing	373	100	\$0	0
GATELY AVE	OLD COUNTY RD	DEAD END	Do Nothing	804	100	\$0	0
GLENDALE RD	MAIN ST	FOREST AV	Do Nothing	513	100	\$0	0
HOUGHTON CT	SOUTH ST EXT	300' S OF SOUTH ST EXT	Do Nothing	303	100	\$0	0
HUNTER AVE	TEMPLE AV	TOWN LINE	Do Nothing	3,037	100	\$0	0
LA FRANCE DR	RIVER ST	DEAD END	Do Nothing	297	100	\$0	0
LAMSON AVE	COX ST	CUL DE SAC	Do Nothing	458	100	\$0	0
LINCOLN ST	CENTRAL ST	PLEASANT ST	Do Nothing	909	100	\$0	0
LINCOLN ST	PLEASANT ST	APSLEY ST	Do Nothing	487	100	\$0	0

Pavement Backlog Report (PCI Ascending)
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2017 Backlog

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
LYMAN AVE	OLD COUNTY RD	DEAD END	Do Nothing	842	100	\$0	0
MAIN ST	LEWIS ST	138' W OF WILKINS ST	Do Nothing	4,202	100	\$0	0
MAIN ST	140' W OF POPE ST	ROTARY	Do Nothing	483	100	\$0	0
MANNING ST	MAIN ST	APSLEY ST	Do Nothing	1,843	100	\$0	0
MANNING ST	APSLEY ST	COX ST	Do Nothing	1,308	100	\$0	0
PARMENTER RD	MAIN ST	2344' S OF MAIN ST	Do Nothing	2,344	100	\$0	0
PARMENTER RD	2344' S OF MAIN ST	TOWN LINE	Do Nothing	2,437	100	\$0	0
PROCTOR AVE	TEMPLE AV	DEAD END	Do Nothing	432	100	\$0	0
RATHBUN RD	RIVER RD	ROLLING LN	Do Nothing	352	100	\$0	0
RIVERVIEW ST	206' N OF DEAD END	DEAD END	Do Nothing	206	100	\$0	0
WASHINGTON ST	SCHOOL ST	MAIN ST	Do Nothing	588	100	\$0	0
WASHINGTON ST ROTARY	WASHINGTON ST (NB)	WASHINGTON ST (SB)	Do Nothing	83	100	\$0	0
WASHINGTON ST ROTARY	WASHINGTON ST (SB)	WASHINGTON ST (NB)	Do Nothing	121	100	\$0	0
WHITE POND RD	MAIN ST	3845' S OF MAIN ST	Do Nothing	3,846	100	\$0	0
WHITE POND RD	2344' S OF MAIN ST	TOWN LINE	Do Nothing	2,115	100	\$0	0
						17,886,331.72	

Appendix D: Crackseal Candidates

Listing of all pavement segments with a PCI between 70 and 80, that have medium or high severity, transverse, longitudinal and/or block cracking on greater than 5% of the road.

Crackseal Candidates

	<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
ALAN RD	400	81	88	85
BRADFORD RD TO 400' N OF BRADFORD RD				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				
ALBERTA DR	1,072	83	90	85
REARDON RD TO HARRIMAN RD				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				
ANNIE TERRACE DR	503	70	80	73
PARMENTER RD TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>75% - 100%</i>				
APSLEY ST	1,037	76	78	80
LAKE ST TO MANNING ST				
<i>Block Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
ARLINGTON ST	457	80	85	85
CENTRAL ST TO DEAD END				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				
ATHERTON RD	653	89	90	88
BRENTWOOD DR TO 128' S OF BRENTWOOD DR				
<i>Transverse & Long. Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
128' S OF BRENTWOOD DR TO HICKORY LA				
<i>Block Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
<i>Transverse & Long. Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
AVON DR	2,542	78	78	75
OLD BOLTON RD TO STRATTON DR				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				
BELLEVIEW ST	364	75	73	85
SCHOOL ST TO FELTONVILLE RD				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				
BEXLEY DR	1,142	87	93	89
AVON DR TO EATON DR				
<i>Transverse & Long. Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
BLAINE ST	853	88	93	90
CARTER ST TO WILSON ST				
<i>Transverse & Long. Cracking</i>				
<i>Medium</i>				
<i>5% - 50%</i>				
BLUEBERRY LN	1,187	77	83	78
OLD NORTH RD TO CUL DE SAC LOOP				
<i>Transverse & Long. Cracking</i>				
<i>Heavy</i>				
<i>5% - 50%</i>				

Crackseal Candidates

		<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
BRADFORD RD		2,105	72	83	73
LINCOLN ST TO RUTHELLEN RD					
Block Cracking	Medium	5% - 50%			
Transverse & Long. Cracking	Medium	50% - 75%			
BRENT DR		2,181	74	73	85
MAIN ST TO CUL DE SAC					
Transverse & Long. Cracking	Medium	5% - 50%			
BRENTONWOOD RD		921	88	88	90
MAXWELL CIR TO 380' S OF ATHERTON RD					
Transverse & Long. Cracking	Medium	5% - 50%			
380' S OF ATHERTON RD TO CHADWICK RD					
Transverse & Long. Cracking	Heavy	50% - 75%			
BRIGHAM CIR		1,308	87	85	90
BRIGHAM ST TO CUL DE SAC LOOP					
Transverse & Long. Cracking	Medium	5% - 50%			
BRIGHAM CIR #2		377	81	80	88
BRIGHAM CIR TO CUL DE SAC LOOP					
Transverse & Long. Cracking	Medium	5% - 50%			
BRIGHAM ST		1,509	70	65	85
WASHINGTON ST TO PARK ST					
Transverse & Long. Cracking	Medium	5% - 50%			
PARK ST TO 220' N OF CURLEY DR					
Block Cracking	Medium	5% - 50%			
Transverse & Long. Cracking	Medium	5% - 50%			
220' N OF CURLEY DR TO CHAPIN RD					
Transverse & Long. Cracking	Medium	5% - 50%			
BROOK ST		965	76	75	88
MAIN ST TO HUMMOCK WAY					
Transverse & Long. Cracking	Medium	5% - 50%			
SHAY RD TO 245' N OF SHAY RD					
Transverse & Long. Cracking	Heavy	5% - 50%			
CAUSEWAY ST		2,036	83	80	85
MARLBORO ST TO SUPERIOR DR					
Transverse & Long. Cracking	Medium	5% - 50%			
RICHARDSON ST TO LOWER RD					
Block Cracking	Medium	5% - 50%			
Transverse & Long. Cracking	Medium	5% - 50%			

Crackseal Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
CAYUGA DR			1,430	70	85	74
FORT MEADOW DR TO ONTARIO DR						
Transverse & Long. Cracking	Heavy	75% - 100%				
CENTRAL ST			3,351	86	90	88
LAUREL DR TO 1553' W OF BOLTON ST						
Transverse & Long. Cracking	Medium	5% - 50%				
CHAMPLAIN DR			1,377	73	73	78
FORT MEADOW DR TO ONTARIO DR						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Heavy	5% - 50%				
CHAPIN RD			2,652	73	73	73
BRIGHAM ST TO TOWN LINE						
Block Cracking	Medium	50% - 75%				
Transverse & Long. Cracking	Medium	5% - 50%				
CHURCH ST			979	77	78	83
367' N OF MAIN ST TO PLEASANT ST						
Transverse & Long. Cracking	Heavy	5% - 50%				
COLBURN CIR			535	86	85	89
OLD BOLTON RD TO CUL DE SAC						
Transverse & Long. Cracking	Medium	5% - 50%				
COOLIDGE ST			450	81	90	80
CENTRAL ST TO 450' W OF CENTRAL ST						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Medium	5% - 50%				
450' W OF CENTRAL ST TO HIGHLAND PARK AV						
Block Cracking	Medium	50% - 75%				
Transverse & Long. Cracking	Medium	5% - 50%				
HIGHLAND PARK AV TO 1396' W OF HIGHLAND PARK AV						
Block Cracking	Heavy	5% - 50%				
Transverse & Long. Cracking	Heavy	5% - 50%				
1396' W OF HIGHLAND PARK AV TO 1388' E OF BERLIN TOWN LINE						
Transverse & Long. Cracking	Heavy	5% - 50%				
1388' E OF BERLIN TOWN LINE TO 824' E OF BERLIN TOWN LINE						
Transverse & Long. Cracking	Medium	5% - 50%				
824' E OF BERLIN TOWN LINE TO BERLIN TOWN LINE						
Transverse & Long. Cracking	Medium	5% - 50%				
CORTLAND DR			291	74	73	82
HOSMER ST TO CORTLAND DR WB						
Block Cracking	Medium	5% - 50%				

Crackseal Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
CORTLAND DR WB			300	81	88	82
CORTLAND DR TO HOSMER ST						
Block Cracking	Medium	5% - 50%				
COTTAGE ST			1,369	89	95	90
APSLEY ST TO PACKARD ST						
Transverse & Long. Cracking	Medium	5% - 50%				
COX ST			2,426	74	73	83
MAIN ST TO 300' S OF PIERCE ST						
Transverse & Long. Cracking	Medium	5% - 50%				
CLAIRE CIR TO OLD STOW RD						
Block Cracking	Medium	5% - 50%				
MANNING ST TO LAKE ST						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Medium	5% - 50%				
LAKE ST TO LINCOLN ST						
Transverse & Long. Cracking	Medium	5% - 50%				
CRANBERRY LN			777	83	90	85
WHITE POND RD TO CUL DE SAC						
Transverse & Long. Cracking	Heavy	5% - 50%				
DEWEY ST			904	82	80	90
COX ST TO DEAD END						
Transverse & Long. Cracking	Medium	5% - 50%				
DOVER CIR			577	78	78	89
AVON DR TO CUL DE SAC						
Transverse & Long. Cracking	Medium	5% - 50%				
EATON DR			3,005	76	75	89
AVON DR TO KENT DR						
Transverse & Long. Cracking	Medium	5% - 50%				
EDGEWOOD DR			722	85	100	85
JOHNSON AV TO CUL DE SAC						
Transverse & Long. Cracking	Heavy	5% - 50%				
EDITH RD			1,472	70	88	70
PRIEST ST TO PIERCE ST						
Transverse & Long. Cracking	Heavy	75% - 100%				
EMERSON RD			346	72	90	72
ATHERTON RD TO CUL DE SAC						
Transverse & Long. Cracking	Heavy	75% - 100%				

Crackseal Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
ERIE DR			1,454	73	73	75
FORT MEADOW DR TO ONTARIO DR						
Block Cracking	Medium	50% - 75%				
EXETER RD			771	74	73	82
BRENTWOOD RD TO PRIVATE PROPERTY						
Transverse & Long. Cracking	Medium	5% - 50%				
PRIVATE PROPERTY TO FORBES RD						
Transverse & Long. Cracking	Medium	5% - 50%				
FALLSBROOK RD			1,150	76	78	81
LAUREL DR TO CUL DE SAC						
Transverse & Long. Cracking	Heavy	5% - 50%				
FELTON ST			735	76	75	86
MAIN ST TO RUSSELL ST						
Transverse & Long. Cracking	Medium	5% - 50%				
RUSSELL ST TO PLEASANT ST						
Transverse & Long. Cracking	Medium	5% - 50%				
FELTON ST Y INT			208	79	80	90
FELTON ST TO PLEASANT ST						
Transverse & Long. Cracking	Medium	5% - 50%				
FELTONVILLE RD			782	75	73	90
200' S OF BELLEVIEW ST TO PRINCETON RD						
Transverse & Long. Cracking	Medium	5% - 50%				
FIELDSTREAM LN			448	82	90	84
PHEASANT TR TO CUL DE SAC						
Transverse & Long. Cracking	Heavy	5% - 50%				
FLORENCE ST			1,604	85	83	90
RIVER ST TO CUL DE SAC						
Transverse & Long. Cracking	Medium	5% - 50%				
FOREST AVE			561	87	87	88
150' W OF MARLBORO ST TO 200' W OF WOODROW ST						
Transverse & Long. Cracking	Medium	5% - 50%				
OLD NORTH RD TO MAIN ST						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Medium	5% - 50%				
FORT MEADOW DR			2,225	76	80	73
MARLBORO ST TO ELIZABETH RD						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Heavy	5% - 50%				

Crackseal Candidates

	<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
FRANKLIN ST	510	81	88	85
ARLINGTON ST TO IRVING ST				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
FREEMAN CIR	518	83	90	85
BRIGHAM ST TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
FRIAS CT	486	81	88	83
MANNING ST TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
GREEN MEADOW LN	491	83	90	85
LEWIS ST TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
GREEN ST	1,033	73	73	73
CENTRAL ST TO 330' N OF RIVER ST				
<i>Block Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>50% - 75%</i>		
GROVE ST	554	90	100	90
100' S OF WINTER ST TO WATER ST				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
HAMMOND CIR	380	71	88	75
BRIGHAM ST TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>75% - 100%</i>		
HAMPSHIRE CIR	704	76	88	77
BEXLEY DR TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>50% - 75%</i>		
HARRIMAN RD	1,425	81	88	82
100' N OF REARDON RD TO CURLEY DR				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
HEARTHSTONE DR	982	70	88	67
CURLEY DR (W) TO CURLEY DR (E)				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>50% - 75%</i>		
HICKORY LN	2,061	78	83	82
CHAPIN RD TO CURLEY DR				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>		
HILLSIDE RD	885	78	78	90
470' N OF CENTRAL ST TO 161' W OF LAUREL DR				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		

Crackseal Candidates

	<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
HOSMER ST	754	89	95	90
MURPHY RD TO TOWN LINE				
Transverse & Long. Cracking	Medium	5% - 50%		
HOUGHTON CT	217	86	85	88
300' S OF SOUTH ST EXT TO HOUGHTON ST				
Transverse & Long. Cracking	Medium	5% - 50%		
HOWARD RD	511	79	85	78
BRADFORD RD TO CUL DE SAC				
Block Cracking	Medium	5% - 50%		
Transverse & Long. Cracking	Heavy	5% - 50%		
HOWE ST	424	89	95	90
APSLEY ST TO 90' N OF BLAINE ST				
Transverse & Long. Cracking	Medium	5% - 50%		
JOHNSON AVE	474	88	88	90
HARVEY ST TO MARELDOR ST				
Transverse & Long. Cracking	Medium	5% - 50%		
MARELDOR ST TO OLD STOW RD				
Transverse & Long. Cracking	Heavy	5% - 50%		
KATHLEEN RD	706	72	90	74
COX ST TO PIERCE ST				
Transverse & Long. Cracking	Heavy	75% - 100%		
KATTAIL RD	765	80	88	79
PHEASANT TR TO CUL DE SAC				
Block Cracking	Medium	5% - 50%		
Transverse & Long. Cracking	Medium	5% - 50%		
KELLY LN	668	82	90	84
CHESTNUT ST TO CUL DE SAC LOOP				
Transverse & Long. Cracking	Heavy	5% - 50%		
KENT DR	690	88	93	90
EATON DR TO 690' S OF EATON DR				
Transverse & Long. Cracking	Medium	5% - 50%		
690' S OF EATON DR TO OLD BOLTON RD				
Transverse & Long. Cracking	Medium	5% - 50%		
LAKE ST	759	80	78	90
250' N OF APSLEY ST TO PLEASANT ST				
Transverse & Long. Cracking	Medium	5% - 50%		
LARK DR	822	71	88	74
MARYCHRIS DR (S) TO MARYCHRIS DR (N)				
Transverse & Long. Cracking	Heavy	75% - 100%		

Crackseal Candidates

		<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
LINCOLN ST		912	83	80	84
PACKARD ST TO THIRD ST					
Transverse & Long. Cracking	Medium	5% - 50%			
THIRD ST TO TOWN LINE					
Transverse & Long. Cracking	Medium	5% - 50%			
LINDEN ST		726	80	85	85
GREEN ST TO DEAD END					
Transverse & Long. Cracking	Heavy	5% - 50%			
MAIN ST		1,021	73	75	67
VILA DO PORTO BLVD TO 765' E OF MANNING ST					
Block Cracking	Heavy	5% - 50%			
Transverse & Long. Cracking	Heavy	5% - 50%			
MARELDOR ST		462	83	90	85
OLD STOW RD TO JOHNSON AV					
Transverse & Long. Cracking	Heavy	5% - 50%			
MARGARET CIR		466	81	88	83
OLD BOLTON RD TO CUL DE SAC					
Transverse & Long. Cracking	Heavy	5% - 50%			
MARION ST		864	87	93	88
LAKE ST TO LINCOLN ST					
Transverse & Long. Cracking	Medium	5% - 50%			
LINCOLN ST TO WARNER ST					
Block Cracking	Medium	5% - 50%			
Transverse & Long. Cracking	Medium	5% - 50%			
MARKET ST		238	75	73	90
MAIN ST TO SOUTH ST					
Transverse & Long. Cracking	Medium	5% - 50%			
MARLBORO ST		1,388	74	75	73
30' N OF FORT MEADOW DR TO 370' N OF REED RD					
Transverse & Long. Cracking	Medium	50% - 75%			
370' N OF REED RD TO 50' N OF ONEIDA PL					
Transverse & Long. Cracking	Medium	5% - 50%			
MARYCHRIS DR		1,489	70	88	70
PIERCE ST TO PRIEST ST					
Transverse & Long. Cracking	Heavy	75% - 100%			

Crackseal Candidates

	<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
OLD BOLTON RD	821	76	75	87
OLD STOW RD TO AVON DR				
Transverse & Long. Cracking	Medium	5% - 50%		
AVON DR TO TOWN LINE				
Transverse & Long. Cracking	Medium	5% - 50%		
ORCHARD DR	2,552	80	85	85
MAIN ST TO WILKINS ST				
Transverse & Long. Cracking	Heavy	5% - 50%		
PACKARD ST	3,126	87	93	88
LINCOLN ST TO CENTRAL ST				
Transverse & Long. Cracking	Medium	5% - 50%		
PALMIERI DR	180	89	95	89
TEMI RD TO 180' S OF TEMI RD				
Transverse & Long. Cracking	Medium	5% - 50%		
PARK ST	3,105	74	85	73
WASHINGTON ST TO BRIGHAM ST				
Block Cracking	Medium	50% - 75%		
Transverse & Long. Cracking	Medium	5% - 50%		
PATRIOT LN	753	88	88	89
OLD BOLTON RD TO CUL DE SAC				
Transverse & Long. Cracking	Medium	5% - 50%		
PHEASANT TR	1,207	74	85	77
BRIGHAM ST TO BRIGHAM ST				
Transverse & Long. Cracking	Medium	50% - 75%		
PHILIP ST	1,237	70	85	73
BRADFORD RD TO CUL DE SAC				
Transverse & Long. Cracking	Heavy	75% - 100%		
PLEASANT ST	299	87	93	89
LINCOLN ST TO WARNER ST				
Transverse & Long. Cracking	Medium	5% - 50%		
POPE ST	821	74	85	76
MAIN ST TO 480' S OF PLEASANT ST				
Transverse & Long. Cracking	Medium	50% - 75%		
PORT ST	802	88	93	90
RIVER ST TO DEAD END				
Transverse & Long. Cracking	Medium	5% - 50%		
REARDON RD	927	80	88	80
BRIGHAM ST TO HARRIMAN RD				
Transverse & Long. Cracking	Heavy	5% - 50%		

Crackseal Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
RIBBLES LN			1,022	81	88	83
FALLSBROOK RD (S) TO FALLSBROOK RD (N)						
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>				
RICE ST			686	87	88	88
CENTRAL ST TO LINCOLN ST						
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
RICHARD RD			1,903	80	88	77
BRADFORD RD TO ROBERT RD						
<i>Block Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>				
RICHARDSON RD			659	70	85	73
FOREST AV TO RICHARDSON RD						
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>75% - 100%</i>				
RIVER RD			2,150	73	83	75
BIGELOW RD TO TOWN LINE						
<i>Block Cracking</i>	<i>Medium</i>	<i>50% - 75%</i>				
RIVER ST			987	72	70	78
GREEN ST TO RIVERVIEW ST						
<i>Block Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
ROBERT RD			889	78	85	77
TEMI RD TO CUL DE SAC						
<i>Block Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>				
RUSSELL ST			352	88	93	90
LINCOLN ST TO 350' E OF LINCOLN ST						
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
RUTHELLEN RD			1,561	81	88	83
RICHARD RD TO 345' N OF BRADFORD RD						
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>				
RUTLAND ST			966	80	88	78
WASHINGTON ST TO PARK ST						
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>				
SENECA DR			1,245	80	85	83
FORT MEADOW DR TO 1245' W OF FORT MEADOW RD						
<i>Transverse & Long. Cracking</i>	<i>Heavy</i>	<i>5% - 50%</i>				
STOWE CT			626	76	75	80
FOREST AV TO DEAD END						
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>50% - 75%</i>				

Crackseal Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
STRATTON DR			1,851	88	93	90
STRATTON RD TO EATON DR						
Transverse & Long. Cracking	Medium	5% - 50%				
STRATTON RD			1,613	87	88	89
COX ST TO MANNING ST						
Transverse & Long. Cracking	Medium	5% - 50%				
SUMMER ST			758	81	93	78
BROAD ST TO GROVE ST						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Medium	5% - 50%				
TEMI RD			2,800	74	75	75
MANNING ST TO BRADFORD RD						
Block Cracking	Medium	5% - 50%				
Transverse & Long. Cracking	Heavy	5% - 50%				
WALCOTT ST			1,135	80	78	88
OLD BOLTON RD TO TOWN LINE						
Transverse & Long. Cracking	Medium	5% - 50%				
WALNUT ST			1,200	90	100	90
BROAD ST TO GIASSEN ST						
Transverse & Long. Cracking	Medium	5% - 50%				
WARNER ST			454	87	88	85
APSLEY ST TO PLEASANT ST						
Transverse & Long. Cracking	Medium	5% - 50%				
PLEASANT ST TO DEAD END						
Transverse & Long. Cracking	Medium	5% - 50%				
WASHINGTON ST			1,930	89	99	88
BROAD ST TO GIASSEN ST						
Transverse & Long. Cracking	Medium	5% - 50%				
WELLINGTON DR			1,372	88	88	90
EATON DR TO BEXLEY DR						
Transverse & Long. Cracking	Medium	5% - 50%				
WINTER ST			1,473	88	88	89
BROAD ST TO FOREST AV						
Transverse & Long. Cracking	Medium	5% - 50%				
WOOD ST			430	89	90	90
EVERETT ST TO DEAD END						
Transverse & Long. Cracking	Medium	5% - 50%				

Crackseal Candidates

	<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
WOODLAND DR	1,330	81	90	79
CHAPIN RD TO HICKORY LA				
<i>Block Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
WOODROW ST	1,655	83	80	87
MAIN ST TO 1655' S OF MAIN ST				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
YORK DR	672	87	93	90
AVON DR TO CUL DE SAC				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		
ZINA DR	2,467	90	100	90
COX ST TO OLD STOW RD				
<i>Transverse & Long. Cracking</i>	<i>Medium</i>	<i>5% - 50%</i>		

Appendix E: Full Depth Patching Candidates

Listing of all pavement segments with a PCI between 60 and 80 that also have a Surface Distress condition index above 79, and has Medium or Heavy Alligator cracking and/or Potholes or temporary patching.

Ful Depth Patching Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
APSLEY ST			1,037	76	78	80
LAKE ST TO MANNING ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
ARLINGTON ST			457	80	85	85
CENTRAL ST TO DEAD END						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>0% - 1%</i>				
BEECHNUT LN			961	67	68	83
CHESTNUT ST TO CUL DE SAC						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>5% - 10%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
BELLEVIEW ST			364	75	73	85
SCHOOL ST TO FELTONVILLE RD						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
BRENT DR			2,181	74	73	85
MAIN ST TO CUL DE SAC						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
BRIGHAM ST			1,509	70	65	85
WASHINGTON ST TO PARK ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>5% - 10%</i>				
BROOK ST			965	76	75	88
MAIN ST TO HUMMOCK WAY						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
245' N OF SHAY RD TO LEWIS ST						
<i>Alligator Cracking</i>	<i>Heavy</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Medium</i>	<i>0% - 1%</i>				
CARLTON ST			401	67	68	83
TOWER ST TO 140' E OF BENNETT ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>5% - 10%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				

Ful Depth Patching Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
CAUSEWAY ST			2,051	72	70	80
RICHARDSON ST TO LOWER RD						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Medium</i>	<i>0% - 1%</i>				
LOWER RD TO TOWN LINE						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
CHURCH ST			368	67	65	90
MAIN ST TO 367' N OF MAIN ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>5% - 10%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
367' N OF MAIN ST TO PLEASANT ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
CORTLAND DR			291	74	73	82
HOSMER ST TO CORTLAND DR WB						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
COX ST			2,426	74	73	83
MAIN ST TO 300' S OF PIERCE ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
MANNING ST TO LAKE ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>0% - 1%</i>				
CROSS ST			354	66	65	88
MANNING ST TO HIGH ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>5% - 10%</i>				
EATON DR			3,005	76	75	89
AVON DR TO KENT DR						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>0% - 1%</i>				
ELM ST			1,123	79	85	80
COX ST TO BLOSSOM ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>0% - 1%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				
EVERETT ST			514	78	78	95
WASHINGTON ST TO PARK ST						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>1% - 5%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				

Ful Depth Patching Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
EXETER RD			771	74	73	82
BRENTWOOD RD TO PRIVATE PROPERTY						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
PRIVATE PROPERTY TO FORBES RD						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
FALLSBROOK RD			1,150	76	78	81
LAUREL DR TO CUL DE SAC						
Alligator Cracking	Medium	1% - 5%				
FELTON ST			735	76	75	86
MAIN ST TO RUSSELL ST						
Alligator Cracking	Medium	1% - 5%				
RUSSELL ST TO PLEASANT ST						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
FELTON ST Y INT			208	79	80	90
FELTON ST TO PLEASANT ST						
Alligator Cracking	Medium	1% - 5%				
FELTONVILLE RD			782	75	73	90
200' S OF BELLEVIEW ST TO PRINCETON RD						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
HICKORY LN			2,061	78	83	82
CHAPIN RD TO CURLEY DR						
Alligator Cracking	Medium	0% - 1%				
Potholes & Non-Utility Patches	Light	0% - 1%				
HILLSIDE RD			885	78	78	90
470' N OF CENTRAL ST TO 161' W OF LAUREL DR						
Alligator Cracking	Medium	1% - 5%				
LAKE ST			759	80	78	90
250' N OF APSLEY ST TO PLEASANT ST						
Alligator Cracking	Medium	0% - 1%				
LINDEN ST			726	80	85	85
GREEN ST TO DEAD END						
Alligator Cracking	Medium	0% - 1%				

Ful Depth Patching Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
MARKET ST			238	75	73	90
MAIN ST TO SOUTH ST						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
MILDRED RD			113	80	80	98
DEAD END TO FELTONVILLE RD						
Alligator Cracking	Medium	1% - 5%				
MUNICIPAL DR			257	78	80	85
COX ST TO 250' E OF COX ST						
Alligator Cracking	Medium	1% - 5%				
OLD BOLTON RD			821	76	75	87
OLD STOW RD TO AVON DR						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
AVON DR TO TOWN LINE						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
OLD STOW RD			2,612	74	70	93
COX ST TO TOWN LINE						
Alligator Cracking	Medium	0% - 1%				
Potholes & Non-Utility Patches	Medium	0% - 1%				
ORCHARD DR			2,552	80	85	85
MAIN ST TO WILKINS ST						
Alligator Cracking	Medium	0% - 1%				
POPE ST			480	77	78	90
480' S OF PLEASANT ST TO PLEASANT ST						
Alligator Cracking	Medium	1% - 5%				
PRIEST ST			2,620	69	63	85
MAIN ST TO PIERCE ST						
Alligator Cracking	Medium	1% - 5%				
Potholes & Non-Utility Patches	Light	0% - 1%				
REARDON RD			927	80	88	80
BRIGHAM ST TO HARRIMAN RD						
Alligator Cracking	Medium	0% - 1%				
SENECA DR			1,245	80	85	83
FORT MEADOW DR TO 1245' W OF FORT MEADOW RD						
Alligator Cracking	Medium	0% - 1%				

Ful Depth Patching Candidates

			<u>Length (ft)</u>	<u>PCI</u>	<u>Base Index</u>	<u>Surface Index</u>
STOWE CT			626	76	75	80
FOREST AV TO DEAD END						
<i>Alligator Cracking</i>	<i>Medium</i>	<i>0% - 1%</i>				
WALCOTT ST			1,135	80	78	88
OLD BOLTON RD TO TOWN LINE						
<i>Alligator Cracking</i>	<i>Heavy</i>	<i>0% - 1%</i>				
<i>Potholes & Non-Utility Patches</i>	<i>Light</i>	<i>0% - 1%</i>				

Appendix F: 2018 Overlay Candidates

\$1.5 Million of overlay candidates with the highest benefit values.

2018 Overlay Candidates

2018 Overlay Program

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2018							
CHESTNUT ST	MAIN ST	MURPHY RD	Prep & Overlay - A/C	2,910	57	\$104,249	364
MURPHY RD	CHESTNUT ST	BROOK ST	Prep & Overlay - Local	994	57	\$25,558	498
LINCOLN ST	APSLEY ST	220' N OF HAPGOOD ST	Prep & Overlay - A/C	640	58	\$27,074	919
MAIN ST	240' E OF PRIEST ST	VILA DO PORTO BLVD	Prep & Overlay - A/C	2,520	58	\$131,287	1,170
APSLEY ST	LINCOLN ST	LAKE ST	Prep & Overlay - Local	941	59	\$44,352	481
BROAD ST	WASHINGTON ST	WHEELER RD	Prep & Overlay - A/C	3,033	59	\$133,345	903
WILKINS ST	MAIN ST	TOWN LINE	Prep & Overlay - A/C	4,338	60	\$211,890	607
MAIN ST	165' W OF COX ST	1222' E OF PRIEST ST	Prep & Overlay - A/C	881	61	\$45,926	1,112
MAIN ST	765' E OF MANNING ST	HIGH ST	Prep & Overlay - A/C	318	61	\$18,629	1,112
LINCOLN ST	220' N OF HAPGOOD ST	PACKARD ST	Prep & Overlay - A/C	785	62	\$33,226	860
MAIN ST	ROTARY	LINCOLN ST	Prep & Overlay - A/C	170	62	\$27,681	1,094
MURPHY RD	KAREN CIR	CRESTVIEW DR	Prep & Overlay - Local	1,500	62	\$44,994	458
CHAPIN RD	1508' S OF RIVER RD	1614' N OF BRIGHAM ST	Prep & Overlay - Local	913	63	\$36,532	451
MURPHY RD	HOSMER ST	KAREN CIR	Prep & Overlay - Local	1,215	63	\$36,456	451
RIVER RD	FOUR BRIDGES RD	RIMKUS RD	Prep & Overlay - A/C	972	63	\$47,457	330
SOUTH BOLTON RD	CENTRAL ST	TOWN LINE	Prep & Overlay - Local	103	63	\$2,636	105
GROVE ST	VILA DO PORTO BLVD	100' S OF WINTER ST	Prep & Overlay - Local	585	64	\$20,057	444
COOLIDGE ST	HIGHLAND PARK AV	1396' W OF HIGHLAND PARK AV	Prep & Overlay - A/C	1,396	69	\$100,018	1,156
MAIN ST	VILA DO PORTO BLVD	765' E OF MANNING ST	Prep & Overlay - A/C	1,021	70	\$53,195	969
CHAPIN RD	BRIGHAM ST	TOWN LINE	Prep & Overlay - Local	2,652	71	\$113,678	400
MAIN ST	138' W OF WILKINS ST	165' W OF COX ST	Prep & Overlay - A/C	667	71	\$34,765	956
COOLIDGE ST	450' W OF CENTRAL ST	HIGHLAND PARK AV	Prep & Overlay - A/C	1,623	72	\$116,253	1,108
OLD STOW RD	COX ST	TOWN LINE	Prep & Overlay - Local	2,612	72	\$89,559	395
						1,498,817.66	

Appendix G: 5 Year Capital Plan

List of Overlay and Reclamation Candidates under the funding limits of \$1.5 Million in 2018, \$980K/Year in 2019-2022, prioritized by Benefit Value.

5 Year Draft Capital Paving Plan

5 Year Capital Program

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2018							
BROAD ST	WHEELER RD	MAIN ST	Reclaim & Pave - A/C	1,597	52	\$207,861	624
MURPHY RD	CHESTNUT ST	BROOK ST	Prep & Overlay - Local	994	57	\$25,558	498
LINCOLN ST	APSLEY ST	220' N OF HAPGOOD ST	Prep & Overlay - A/C	640	58	\$27,074	919
MAIN ST	240' E OF PRIEST ST	VILA DO PORTO BLVD	Prep & Overlay - A/C	2,520	58	\$131,287	1,170
APSLEY ST	LINCOLN ST	LAKE ST	Prep & Overlay - Local	941	59	\$44,352	481
BROAD ST	WASHINGTON ST	WHEELER RD	Prep & Overlay - A/C	3,033	59	\$133,345	903
WILKINS ST	MAIN ST	TOWN LINE	Prep & Overlay - A/C	4,338	60	\$211,890	607
MAIN ST	165' W OF COX ST	1222' E OF PRIEST ST	Prep & Overlay - A/C	881	61	\$45,926	1,112
MAIN ST	765' E OF MANNING ST	HIGH ST	Prep & Overlay - A/C	318	61	\$18,629	1,112
LINCOLN ST	220' N OF HAPGOOD ST	PACKARD ST	Prep & Overlay - A/C	785	62	\$33,226	860
MAIN ST	ROTARY	LINCOLN ST	Prep & Overlay - A/C	170	62	\$27,681	1,094
MURPHY RD	KAREN CIR	CRESTVIEW DR	Prep & Overlay - Local	1,500	62	\$44,994	458
CHAPIN RD	1508' S OF RIVER RD	1614' N OF BRIGHAM ST	Prep & Overlay - Local	913	63	\$36,532	451
MURPHY RD	HOSMER ST	KAREN CIR	Prep & Overlay - Local	1,215	63	\$36,456	451
GROVE ST	VILA DO PORTO BLVD	100' S OF WINTER ST	Prep & Overlay - Local	585	64	\$20,057	444
COOLIDGE ST	HIGHLAND PARK AV	1396' W OF HIGHLAND PARK AV	Prep & Overlay - A/C	1,396	69	\$100,018	1,156
MAIN ST	VILA DO PORTO BLVD	765' E OF MANNING ST	Prep & Overlay - A/C	1,021	70	\$53,195	969
CHAPIN RD	BRIGHAM ST	TOWN LINE	Prep & Overlay - Local	2,652	71	\$113,678	400
COX ST	CLAIRE CIR	OLD STOW RD	Prep & Overlay - A/C	864	71	\$35,159	293
MAIN ST	138' W OF WILKINS ST	165' W OF COX ST	Prep & Overlay - A/C	667	71	\$34,765	956
COOLIDGE ST	450' W OF CENTRAL ST	HIGHLAND PARK AV	Prep & Overlay - A/C	1,623	72	\$116,253	1,108
						1,497,937.78	
2019							
CHAPIN RD	1614' N OF BRIGHAM ST	BRIGHAM ST	Reclaim & Pave - Local	1,615	43	\$185,041	440
APSLEY ST	CENTRAL ST	LINCOLN ST	Reclaim & Pave - Local	2,429	44	\$338,047	430
CHAPIN RD	RIVER RD	600' S OF RIVER RD	Reclaim & Pave - Local	595	49	\$68,217	386
MURPHY RD	CRESTVIEW DR	CHESTNUT ST	Reclaim & Pave - Local	1,362	49	\$122,678	386

5 Year Draft Capital Paving Plan

5 Year Capital Program

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
COX ST	OLD STOW RD	SANTOS DR	Prep & Overlay - A/C	2,565	57	\$121,620	364
SOUTH BOLTON RD	CENTRAL ST	TOWN LINE	Prep & Overlay - Local	103	60	\$2,741	110
OLD STOW RD	COX ST	TOWN LINE	Prep & Overlay - Local	2,612	69	\$93,139	412
APSLEY ST	LAKE ST	MANNING ST	Prep & Overlay - Local	1,037	71	\$43,137	400
						974,619.70	
2020							
SOUTH ST	50' N OF SOUTH ST EXT	MAIN ST	Reclaim & Pave - Local	192	36	\$19,635	123
RIVER RD	FOUR BRIDGES RD	RIMKUS RD	Prep & Overlay - A/C	972	57	\$51,333	364
RIVER RD	CHAPIN RD	FOUR BRIDGES RD	Prep & Overlay - A/C	3,315	58	\$175,165	358
BRIGHAM ST	WASHINGTON ST	PARK ST	Prep & Overlay - A/C	1,509	61	\$58,471	340
CAUSEWAY ST	RICHARDSON ST	LOWER RD	Prep & Overlay - A/C	2,051	62	\$90,310	335
BRIGHAM ST	PARK ST	220' N OF CURLEY DR	Prep & Overlay - A/C	1,461	63	\$69,482	330
RIVER ST	GREEN ST	RIVERVIEW ST	Prep & Overlay - A/C	987	63	\$41,709	330
RIVER RD	BIGELOW RD	TOWN LINE	Prep & Overlay - A/C	2,150	64	\$136,330	324
MARLBORO ST	30' N OF FORT MEADOW DR	370' N OF REED RD	Prep & Overlay - A/C	1,388	65	\$73,335	320
COOLIDGE ST	CENTRAL ST	450' W OF CENTRAL ST	Prep & Overlay - A/C	450	71	\$34,873	1,124
COOLIDGE ST	1396' W OF HIGHLAND PARK AV	1388' E OF BERLIN TOWN LINE	Prep & Overlay - A/C	1,599	71	\$168,935	1,124
COX ST	MANNING ST	LAKE ST	Prep & Overlay - A/C	1,028	71	\$57,911	293
						977,488.23	
2021							
COX ST	SANTOS DR	MANNING ST	Reclaim & Pave - A/C	1,544	37	\$234,389	341
RIVER ST	RIVERVIEW ST	TOWN LINE	Reclaim & Pave - A/C	878	39	\$114,211	324
BROOK ST	245' N OF SHAY RD	LEWIS ST	Prep & Overlay - Local	326	56	\$11,511	118
COX ST	MAIN ST	300' S OF PIERCE ST	Prep & Overlay - A/C	2,426	61	\$115,526	340
PARK ST	WASHINGTON ST	BRIGHAM ST	Prep & Overlay - A/C	3,105	61	\$153,569	340
CAUSEWAY ST	LOWER RD	TOWN LINE	Prep & Overlay - A/C	2,327	64	\$106,577	324
LINCOLN ST	PACKARD ST	THIRD ST	Prep & Overlay - A/C	912	70	\$43,433	762
LINCOLN ST	THIRD ST	TOWN LINE	Prep & Overlay - A/C	3,032	72	\$199,963	740
						979,179.57	

5 Year Draft Capital Paving Plan

5 Year Capital Program

<u>Street Name</u>	<u>From</u>	<u>To</u>	<u>Alternative</u>	<u>Length (ft)</u>	<u>PCI</u>	<u>Repair Cost</u>	<u>Benefit Value</u>
2022							
SHAY RD	HOSMER ST	500' S OF HOSMER ST	Reclaim & Pave - Local	503	34	\$39,342	130
HOSMER ST	ABAGAIL DR	MURPHY RD	Reclaim & Pave - A/C	1,079	38	\$133,820	332
CHESTNUT ST	TOWN LINE	580' S OF TOWN LINE	Prep & Overlay - A/C	580	68	\$17,677	305
COOLIDGE ST	1388' E OF BERLIN TOWN LINE	824' E OF BERLIN TOWN LINE	Prep & Overlay - A/C	564	71	\$64,439	1,124
FOREST AVE	150' W OF MARLBORO ST	200' W OF WOODROW ST	Prep & Overlay - A/C	561	71	\$44,915	488
COOLIDGE ST	824' E OF BERLIN TOWN LINE	BERLIN TOWN LINE	Prep & Overlay - A/C	825	72	\$69,278	1,108
MAIN ST	STOW TOWN LINE	TEMPLE AV	Prep & Overlay - A/C	3,940	72	\$255,174	942
MAIN ST	TEMPLE AV	BRENT DR	Prep & Overlay - A/C	3,429	72	\$222,104	942
WASHINGTON ST	GIASSON ST	BRIGHAM ST	Prep & Overlay - A/C	878	72	\$40,158	1,154
WASHINGTON ST	BRIGHAM ST	SCHOOL ST	Prep & Overlay - A/C	1,815	72	\$89,897	1,154
						976,805.13	

Appendix H: Glossary of Terms

Glossary of Terms

BASE INDEX (BI): is an index derived from controlled measurements and evaluations of condition survey distresses attributed to the underlying unbound base and subbase materials, and is manifested as non-utility patches, alligator cracking, cross section, and consolidation. It is a rating established as an indicator of asphalt materials quality and performance on a scale from 0 to 100, with 100 being excellent.

BENEFIT VALUE (BV): The benefit value is computed by RoadManager software at the time it determines the most beneficial recommended repair for a particular road section. The benefit value formula is:

$$(\text{ADT} \times \text{Estimated Repair Life}) / (\text{Repair Unit Cost} \times \text{Condition Index})$$

Where: "ADT" = average daily traffic, "Estimated Repair Life" is the number of years of life added to a road by the selected repair type, "Repair Unit Cost" is the cost per square yard of the selected repair type, and "Condition Index" = the PCI (pavement condition index, 0-100 scale) for the road section.

Benefit value is on a relative scale. The range of values varies from agency to agency.

CAPITAL REPAIRS: Capital repairs are extensive and costly repairs such as Structural Improvement and Base Rehabilitation work.

DEDUCT VALUES: Deduct values represent the penalty assessed for each identified distress and is used in the calculation of the Pavement Condition Index. Each distress has multiple severity and extent levels, with a specific deduct value at each level. Deduct values may be modified for all nine pavement distress types. The deduct value is ultimately subtracted from a perfect pavement condition of 100.

DEFICIENCY: is any indication of poor or unfavorable pavement performance or signs of impending failure; or any unsatisfactory performance of a pavement short of failure.

DETERIORATION RATE: is a prediction of the anticipated change in a roadway's condition over time.

DISTRESS: Distresses are the physical defects in a pavement system which can be observed and quantified through visual inspection of the roadway surface. Broad categories include cracking, patching, depressions, and surface wear.

FUNCTIONAL CLASSIFICATION: Road functional classification places all streets and roads in the network into one of three general categories - arterial, collector, or local - according to vehicular volume, roadway geometry, and traffic characteristics.

GRADE: is a measure of the steepness of a slope, expressed as a percentage. One percent slope has one foot of elevation change in one hundred feet of horizontal distance.

MAINTENANCE: is anything done to the pavement after original construction short of complete reconstruction, excluding shoulders and bridges.

NETWORK LEVEL: is an assessment of conditions and/or program needs across the entire roadway system encompassed by the roadway management study.

PAVEMENT CONDITION INDEX (PCI): is an index derived from established measurements of pavement surface condition distress or deficiencies. It is a serviceability rating established under controlled conditions having a scale of 0 to 100, with 100 being excellent.

PAVEMENT MANAGEMENT (PM): Pavement Management is the effective and efficient directing of the various activities involved in providing and sustaining pavements in a condition acceptable to the traveling public at the lowest life-cycle cost.

PAVEMENT MANAGEMENT SYSTEM (PMS): is an established, documented procedure treating many or all of the Pavement Management activities in a systematic and coordinated manner. It consists of five essential elements structured to serve decision-making responsibilities at various management levels.

1. Pavement surveys related to condition and serviceability;
2. Database containing all pavement-related information;
3. Analysis scheme;
4. Decision criteria;
5. Implementation procedures.

PAVEMENT PERFORMANCE: is the assessment of how well the pavement served the user over time. The engineer often associates pavement condition with an arbitrary, but quantifiable, value relating to pavement roughness, pavement distress, or pavement strength. Performance is the measured change of condition and/or serviceability over increments of time.

PAVEMENT TYPES: The RoadManager 2000 assigns an unlimited number of pavement types to the streets and roads. These pavement types often include bituminous concrete, surface treated, gravel, portland cement concrete, and composite. Pavement types serve to inform pavement engineers of the operating condition of the street, and provides a meaningful communication tool when engineering judgment is required to select possible rehabilitation alternatives. "Surface treated" designates a road surface and pavement structure that evolved over time. Generally, this type of surface starts as a dirt road, then is built up over time with a series of sand seals and stone seals. Conversely, a "bituminous concrete" roadway is typically engineered with a pavement structure designed to withstand predicted traffic volumes. The roadway usually has a gravel base, a binder course, and an asphalt wearing surface. The "composite" surface type is used to describe a bituminous concrete roadway that has received a preventive maintenance surface treatment, such as microsurfacing.

PRESERVATION MAINTENANCE: Preservation maintenance is used to describe the routine and preventive maintenance repair categories.

PREVENTIVE MAINTENANCE: Preventive maintenance activities are those which are performed at planned intervals to protect and seal the pavement. Seals are designed to provide one or more of the following benefits:

1. Prevent the intrusion of air and moisture;
2. Fill small cracks and voids;

3. Rejuvenate an oxidized binder;
4. Provide a new wearing surface.

PROJECT LEVEL: is a detailed assessment or identification of needs relative to a specific roadway, or a section thereof, as opposed to network level applications. It may include on site pavement testing, lab evaluation, life cycle cost analysis, and treatment recommendation for the particular pavement section.

RECONSTRUCTION: Reconstruction is the complete removal and replacement of a failed pavement, and might also involve widening, realignment, traffic control devices, safety hardware, and major base and drainage work.

REHABILITATION: The rehabilitation of pavements includes the work necessary to restore the pavement to a condition that will allow it to perform satisfactorily for several years. Rehabilitation also includes the work necessary to prepare the pavement for an overlay. The major activities involved in the rehabilitation process are:

1. Partial depth patching;
2. Full depth patching;
3. Joint and crack sealing.
4. Grouting and undersealing (filling voids);
5. Grinding and milling (removal of high spots in the pavement.)
6. Overlays.

REPAIR STRATEGIES: The RoadManager 2000™ represents repair strategies in a table of user defined "if, then" statements. The recommended repairs are based on seven decision factors: PCI range, Base Index, Surface Index, Functional Classification, Surface Type, Utility Index, and Drainage Index. These input conditions to the repair strategy table represent the various conditions for each decision factor.

REPAIR TYPES: are the various choices of treatment available for providing a solution to a pavement deficiency or problem. The associated repair type cost is based on a locality's past experience.

ROADWAY MANAGEMENT SYSTEM: A roadway management system has all the database attributes of a pavement management system as defined above, along with recording additional inventory and condition data on a range of roadside elements. These additions to the management system database may include drainage features, utilities, traffic signs, pavement markings, sidewalks, pedestrian ramps and other road related elements within the right of way. Because the roadway management system has common locating and identifying fields for each roadside element, the database can be comprehensively evaluated for system wide planning and management.

ROUTINE MAINTENANCE: Routine maintenance activities are those which are taken to correct a specific pavement failure or area distress. Routine maintenance usually addresses localized pavement defects and includes activities such as:

1. Full depth patching;
2. Skin patching;

3. Crack sealing.

SURFACE INDEX (SI): is an index derived from controlled measurements and evaluations of the pavement condition survey distresses attributed to such asphalt mixture and material components as: surface wear/raveling, mix characteristics, and polished aggregate. It is a rating established as an indicator of asphalt materials quality and performance on a scale from 0 to 100, with 100 being excellent.

THRESHOLDS: The thresholds define various condition index ranges used in the determination of recommended repairs. These thresholds identify PCI ranges from 1 to 5, with 5 representing optimal conditions and 1 representing complete reconstruction.

