




2021

PAVEMENT MANAGEMENT STUDY

Medford, Massachusetts
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Nitsch Engineering

 Stantec

2021 PAVEMENT MANAGEMENT STUDY

Medford, Massachusetts

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1. INTRODUCTION

BACKGROUND

The City of Medford is located in Middlesex County, Massachusetts just 6.7 miles northwest of Boston along the Mystic River. A 95-mile public accepted roadway network serves a population of approximately 57,000 citizens. It's easy to forget that Medford's pavements are its largest surface asset and fastest deteriorating asset. To replace Medford's pavements today would cost the taxpayers \$175,000,000.



The City of Medford, in November 2020, retained Nitsch Engineering and Stantec, to develop and implement a Pavement Management System (PMS) for its roadway system. From the first meeting with City Engineer, Tim McGiven and Assistant City Engineer, Mark Shea, it was clear that the City of Medford is committed to improving their roadway infrastructure to the greatest extent possible.

This comprehensive study was undertaken to continue the City's commitment to long-term capital improvement planning and further to develop a new, on-going preservation maintenance plan with its pavement management system. The pavement management system contains an extensive roadway database describing actual pavement conditions and roadway characteristics in Medford to better understand future roadway conditions and needs at various funding levels.

This comprehensive study was undertaken to continue the City's

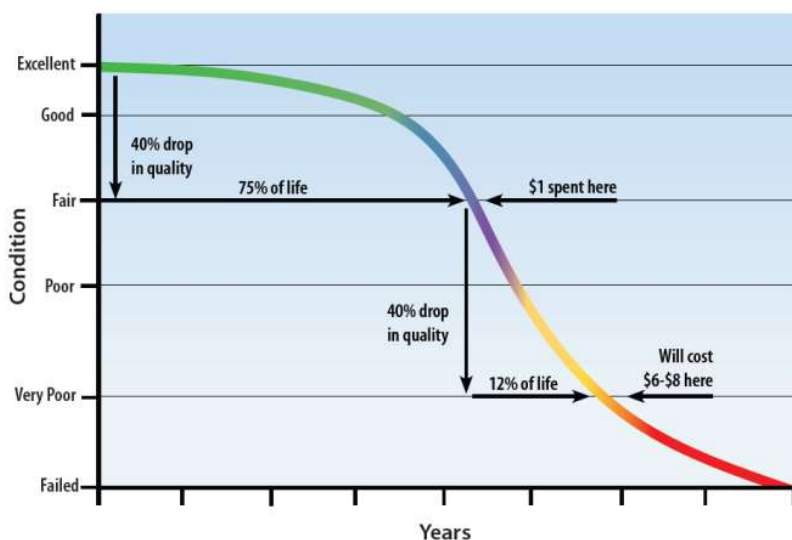
This report is designed to be a network level planning tool and intended to provide a foundation for managing the City's roadway resources by combining technology, local knowledge, and professional engineering input. Before describing the roadway management study, scope and findings, an introduction to pavement management concepts and theory is offered.

PAVEMENT MANAGEMENT CONCEPTS

The development of a pavement management system is a logical approach road officials use to allocate cost effective road budgets. The theory of pavement management is based on accurately predicting accelerated roadway deterioration. Figure 1 dramatically illustrates the key concept of making timely maintenance repairs, thereby averting the need for far

more expensive structural repairs. The goal is to save money in both the short and long run by developing a road repair program that minimizes expenditures.

Figure 1
Pavement Deterioration Curve



The curve shows the rate at which the pavement condition deteriorates over time (Figure 1). A roadway worsens slowly at the beginning of its projected life span (the portion of the graph where the curve is nearly horizontal). This level of deterioration per year increases drastically (the portion where the curve becomes nearly vertical) as the pavement reaches near middle age. When the pavement is near the end of its projected life span, the

pavement worsens at a slower rate once again (the curve returns to near horizontal). The point where the pavement approaches middle age, before the curve drops off sharply, is considered the *critical zone* in the pavement's life. Before this point, it is relatively inexpensive to keep a roadway in good service, while after this point it becomes much more expensive to keep the roadway in good service condition. It is important to note that Figure 1 displays a generic pavement deterioration curve- the actual curve depends on the rating scale used to collect the data.

The pavement management system formalizes the process by using computer software. The procedure is to collect, organize, and maintain a complete roadway database that describes a particular road network system. This data is then analyzed to identify existing deterioration levels, prioritize cost-effective repairs, and create an optimal long-term spending plan. Pavement Management provides the City with a tool to make the best use of every available dollar.

STUDY APPROACH

Stantec field engineers conducted a pavement condition survey using Stantec's Road Tester 3000 (RT3000), a van integrated with lasers, inertial GPS, and high-definition digital imagery. For "block to block pavement segments"; the pavement profile, rutting, surface distress, and roadway geometrics were used to calculate a Pavement Condition Index (PCI) rating system.

Roadways were then partitioned into "pavement management segments" whenever there was a significant pavement condition, length, or other distinguishing characteristics based on

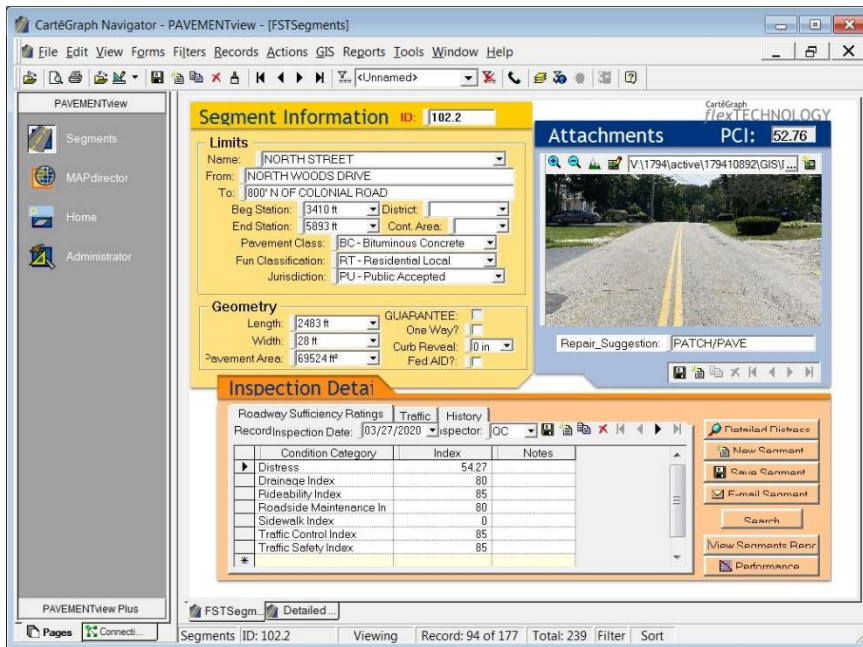
the "block to block pavement segments". The pavement management sections were then given a descriptive name that would best allow someone in the Department to identify the field location. Appendix A contains all the pavement management segments identified and sorted in alphabetical order.

Following the completion of the pavement segmentation, system configuration meetings with the Department of Public Works were held to gather information for subsequent computer analysis at various funding levels to be performed.

2. METHODOLOGY

PAVEMENT MANAGEMENT SOFTWARE

Today's computer management technology allows consolidation of multiple data for easy and efficient building, editing, sorting, and reporting. Stantec used Cartêgraph Systems, Inc. - PAVEMENTview®Plus software for storing and analyzing Medford's roadway data. The database was tailored to reflect Medford's decision-making criteria for selecting roadway repair types for available and proposed budgets. Medford's Department of Public Works and Stantec jointly developed system configuration parameters used in the analysis projections.



For analyzing Medford's roadway system, the Pavement Condition Index served as the primary condition index to compare the roadway serviceability and performance. PCI is an American Society for Testing & Materials (ASTM) method used to quantify pavement condition that has been verified and adopted by American Public Works Association (APWA). For PCI calculation, the severity and extent of

major pavement distresses were imported from the data collection into Cartegraph and calculated based on ASTM distress standards within the Cartegraph software. The distresses included: potholes or non-utility patching, alligator cracking, distortion, rutting, block cracking, transverse or longitudinal cracking, bleeding or polished aggregate, surface wear or raveling, and shoving, slippage or corrugations. One (1) pavement surface type was used for analyzing Medford's pavements:

- "Hot Mix Asphalt" or "bituminous concrete" roadway is typically engineered with a pavement structure designed to withstand predicted traffic load and volume. The roadway usually has a gravel base, an intermediate course, and a top surface wearing course.

THE PAVEMENT CONDITION INDEX (PCI) DEFINED

Recording of actual field distresses calculate the PCI. A PCI was generated for each inventoried, surfaced, public roadway in Medford using distress data. PCI is measured on a one hundred to zero scale, with one hundred representing a pavement in excellent condition and zero describing a pavement in extremely poor condition. Each type of observed pavement distress is assigned a deduct value based on the distress type, severity and extent.

More severe distress types, such as potholes, have higher “deduct points” than a lesser distress such as longitudinal 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. In general, base related (the pavement foundation) distresses are weighted more heavily than surface related distresses.

THE FIVE TREATMENT REPAIR BANDS

Stantec's pavement management software decision matrix uses five broad category ranges to group the calculated PCI numbers into five major repair bands. An individual road segment will fall into a particular band based on user defined criteria such as pavement type, functional classification, and curb reveal. Then each segment is assigned a repair alternative candidate with the prescribed treatment band. Table 1 presents the category ranges represented by the PCI bands.

Table 1
(PCI) Treatment Band Ranges and Cost¹

DO NOTHING PCI Band #1 (100 – 86 PCI)	Excellent Condition - in need of no immediate maintenance.	\$0/SY
ROUTINE MAINTENANCE PCI Band #2 (85 - 62 PCI)	Good Condition - may be in need of crack sealing and minor localized repair.	\$2-3/SY
PREVENTIVE MAINTENANCE PCI Band #3 (61 - 43 PCI)	Fair Condition - pavement surface in need of patching and thin overlay or surface sealing.	\$12-18/SY
STRUCTURAL IMPROVEMENT PCI Band #4 (42 - 25 PCI)	Poor Condition - pavement structure in need of additional thickness to resist traffic loading.	\$28-50/SY
BASE REHABILITATION PCI Band #5 (24 - 0 PCI)	Failure Condition - in need of full depth reconstruction/reclamation.	\$105-130/SY

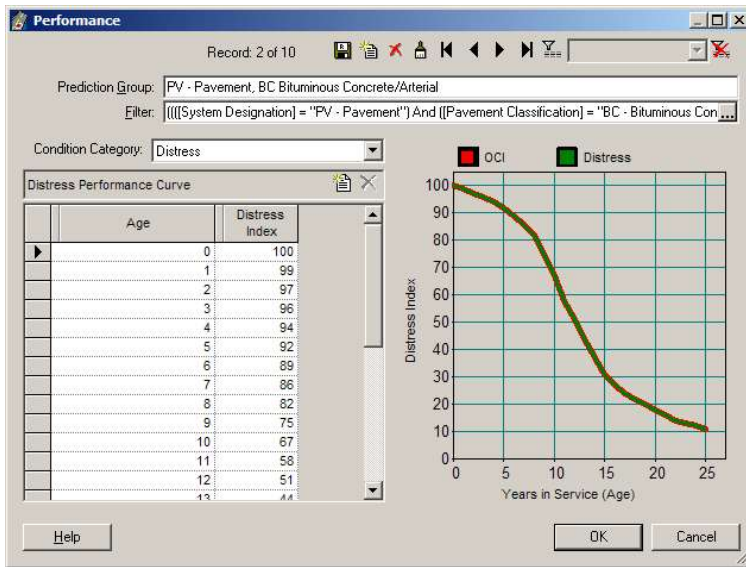
¹ The PCI ranges given in this table are general averages. The actual treatment band threshold numbers depend on pavement surface type and functional classification.

1. When roads are in near perfect condition, the **Do Nothing** category (Band #1) prescribes no maintenance.
2. **Routine Maintenance** (Band #2) is regularly used on roads in reasonably good condition to prevent deterioration from the normal effects of traffic and pavement age. This treatment category would include either crack sealing and/or local repair of pothole, raveling, poorly constructed utility patch, etc.
3. **Preventive Maintenance** (Band #3) or 'Preservation Maintenance' is a slightly greater response to more pronounced signs of age and wear than that of Band #2. Not only would crack sealing, full-depth utility patching, and minor leveling be included, but also surface treatments such as hot-in-place recycling, micro-surfacing, and thin-lift overlay treatments may apply on selected facilities and pavement types. A road in need of Preventive Maintenance is in the critical zone of the pavement deterioration curve (Figure 1). It is in this range of a pavement's life cycle that the most cost-effective repairs can be made. Further deterioration warrants a significantly more costly response.
4. When the pavement deteriorates beyond the need for surface maintenance applications, but the road base appears to be sound, **Structural Improvement** (Band #4) repairs are in order. They could include structural overlays, shim and overlay, cold planing and overlay, and hot in-place recycling.
5. The **Base Rehabilitation** category (Band #5) represents roads that exhibit weakened pavement foundation base layers. Complete reconstruction and full depth reclamation fall into this category. Quite often, project level pavement evaluation through field sampling and laboratory testing is used to evaluate the existing materials for possible recycling or reuse.

PRIORITY RANKING AND FUTURE PROJECTION

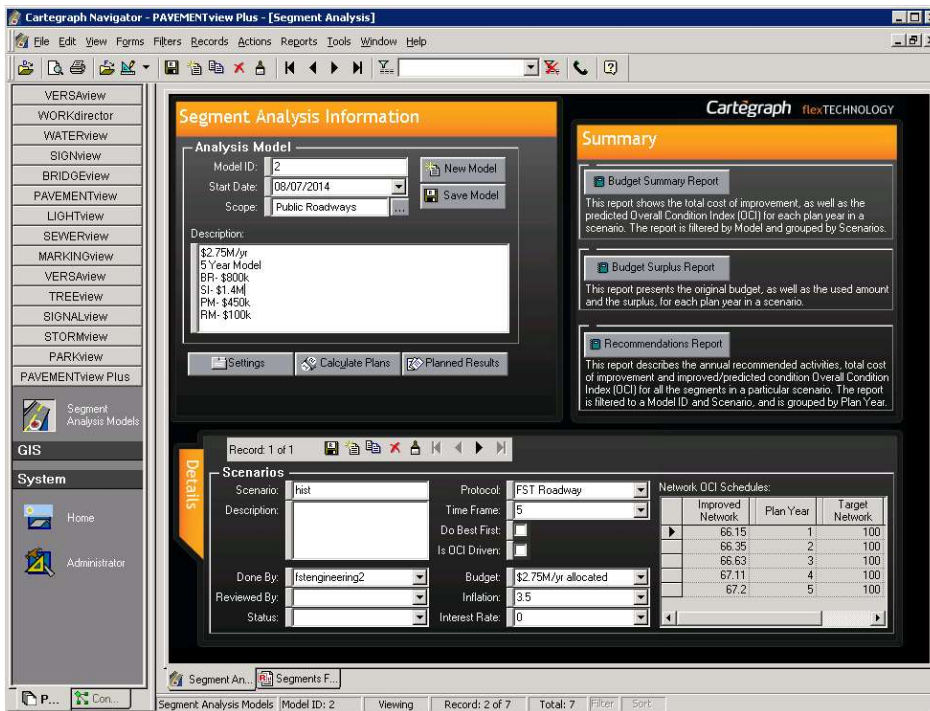
After all pavement segment repairs are assigned, the software prioritizes needed system repairs based on the highest projected Network Priority Ranking (NPR). The NPR value uses variables representing functional classification, pavement type, PCI, and traffic volume. Although road repairs could be prioritized on a "worst first" basis, Stantec and Medford Department of Public Works chose to maximize its available funds road funds by generating an NPR that favors cost-effective repairs that improve and/or maintain salvageable pavement segments. This would delay repair actions on those segments that require reconstruction or major rehabilitation, i.e., their condition cannot deteriorate much further. After the relatively good roads are "preserved", future repairs are then directed toward the poorer, heavily traveled roads.

In order to properly plan future repairs, the software utilizes several different deterioration CURVES.



These pavement performance curves depict four (4) major categories relative to functional classification (arterial roads in one curve, collectors in one curve, local through roads in another curve); and two (2) fundamental pavement systems (a curve for Hot Mix Asphalt pavements and a curve for surface treatment surfaces). When a road segment is evaluated as to whether it should be included in future repair programs, it deteriorates according to the applicable curve for the model duration, thereby accounting for the differential effects

of traffic volume and pavement type.



Each plan year, the software prepares a future roadway condition projection, exhausts the assigned budget, and then produces an annual list of road segments to include in the repair program. The system also takes inflation into account for the time value of money. In these cases, a 3.5% inflation rate was used. Having explained the methodology built into the pavement management software,

the next section describes the existing conditions on public roads in Medford.

3. EXISTING CONDITIONS

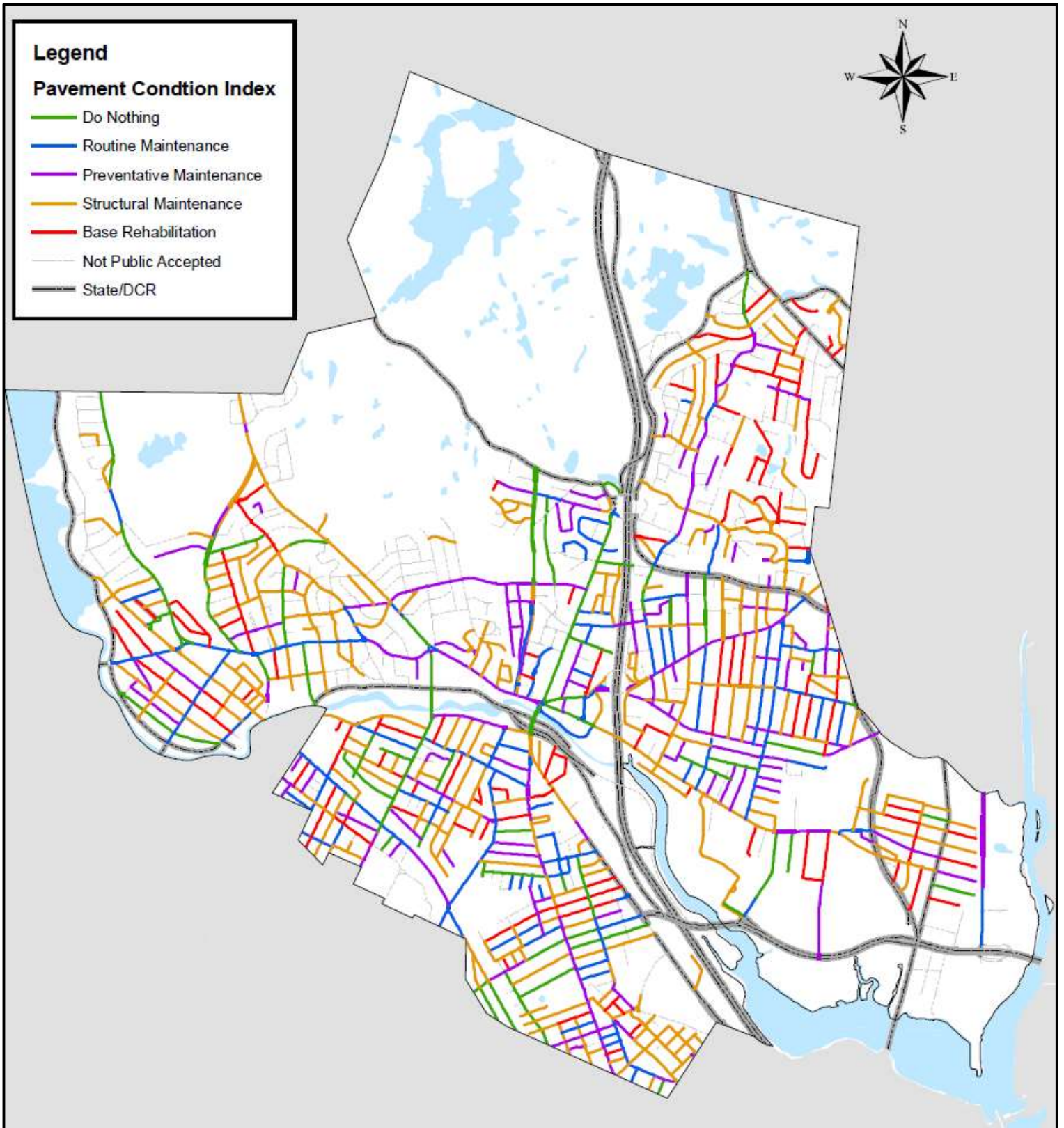
ROADWAY MILEAGE AND CURRENT PCI

Medford has 427 public streets that make up 95.4 miles. This public roadway system is predominantly hot mix asphalt (bituminous concrete) roadway surfaces. Stantec identified 583 pavement management segments and determined that the City's average road network PCI in the Spring of 2021 was 49.5, placing Medford's typical road conditions in the bottom half of the Preventive Maintenance treatment band (PCI range from 61 to 43). This PCI average value generally represents a roadway in "poor" condition.

An average road condition in this range by definition means that sensible resources will be needed to sustain network wide road conditions as a significant portion of the network is between the Preventive Maintenance and Structural Improvement Bands. It is likely that while any proposed pavement management spending plan will strive to maximize the benefit of each dollar spent, without a pre-emptive strike the system will undoubtedly continue to drop to the structural improvement and base rehabilitation treatment bands. This very costly loss will present a challenge to Medford officials if the City wants to retain its roads in good condition.

The following map shows current pavement conditions in the City followed by photographs illustrating examples of Medford roadways that fall into each of the five treatment repair bands, and a roadway representative of the average City roadway condition. The photographs also show, for each treatment band, the location and the PCI value.

Figure 2
City Wide Pavement Conditions



PCI = 99

DO NOTHING



Brooks Street from Woburn Street to Winthrop Street



PCI = 76

ROUTINE MAINTENANCE

Willard Avenue from Main Street to Willis Avenue

PCI = 49

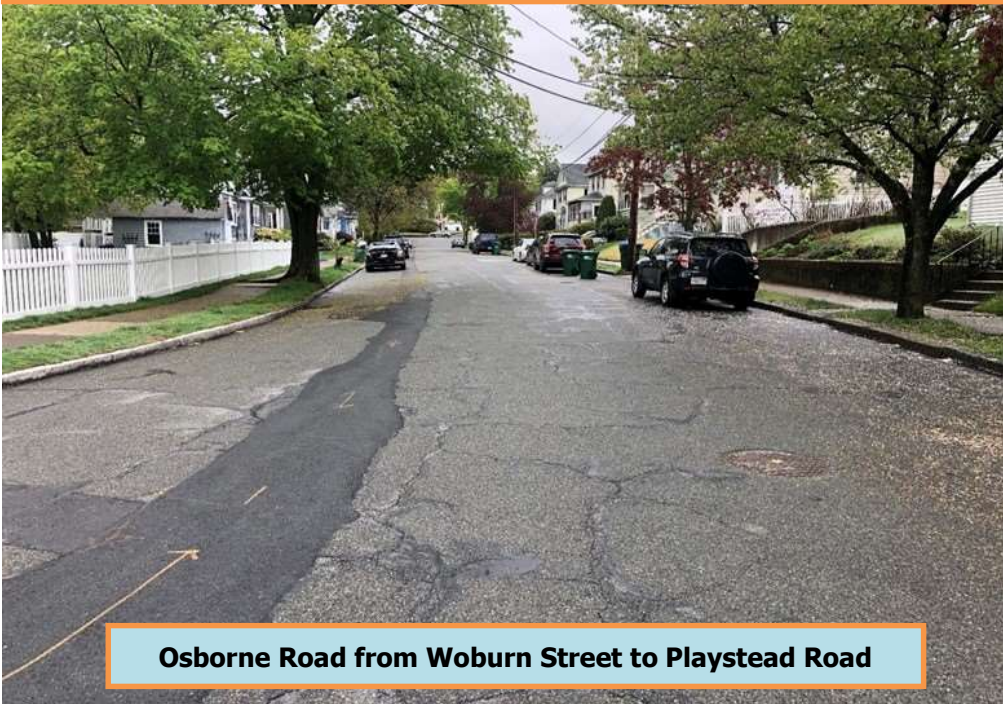
PREVENTIVE MAINTENANCE



Whyte Street from Willis Avenue to Mystic Avenue

PCI = 25

STRUCTURAL IMPROVEMENT



Osborne Road from Woburn Street to Playstead Road

PCI = 9

BASE REHABILITATION



Swan Street from Mystic Avenue to Dead End

CITY AVERAGE PCI = 49

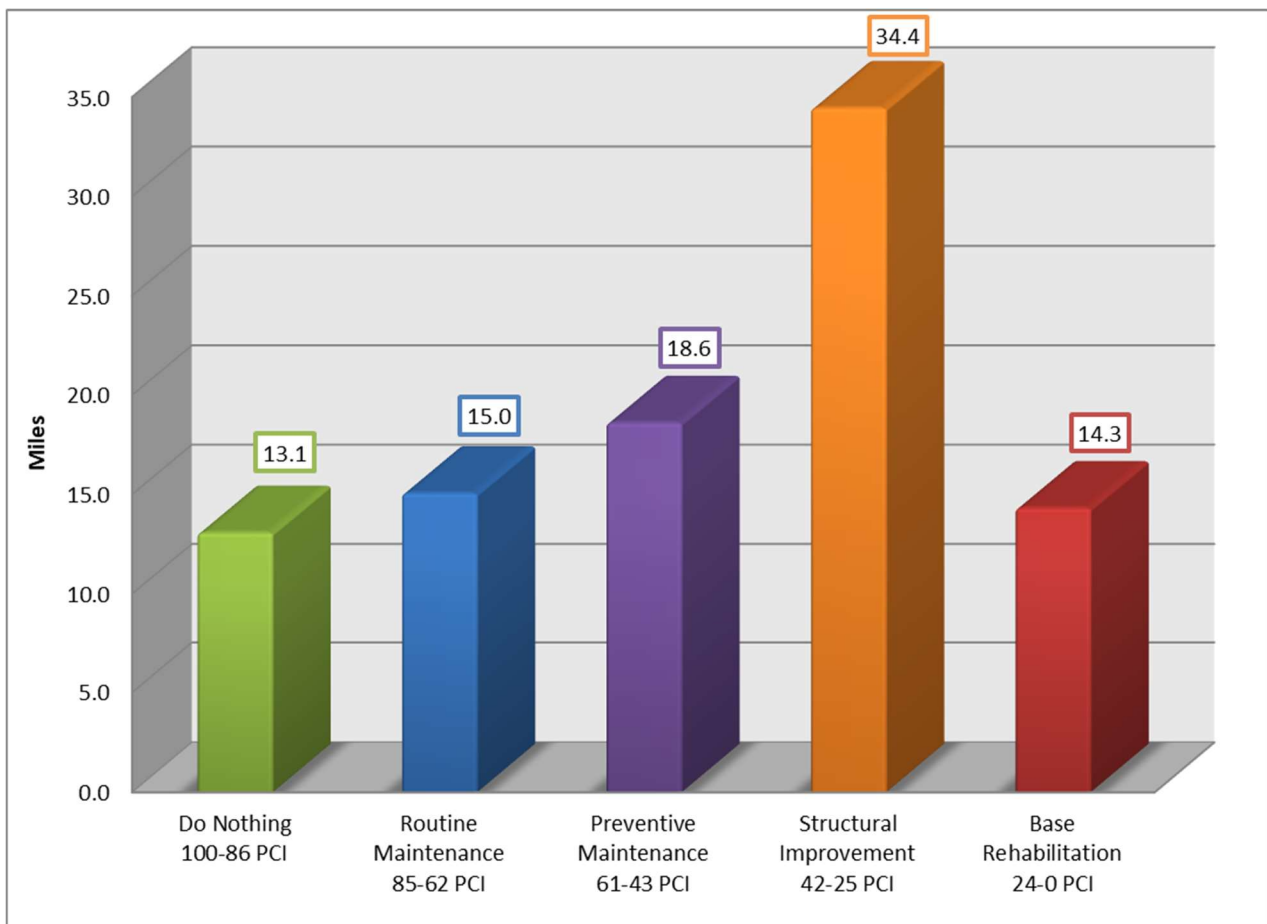


Colby Street from Yale Street to Dead End

DISTRIBUTION OF PAVEMENT CONDITIONS

A categorization of the surveyed pavement segments show that 14% (13.1 miles) of the roadways fall into the "Do Nothing" band; 16% (15 miles) of the roads are in the "Routine Maintenance" band; 19% (18.6 miles) of the roads are in the "Preventive Maintenance" band; 36% (34.4 miles) of the roads are in need of "Structural Improvement"; and 15% (14.3 miles) of the pavement segments are in need of "Base Rehabilitation". The distribution of treatment band miles in Medford is fairly poor as nearly a third (36%) of the network requires 'Structural Improvement.' It is recommended for the City to adapt a pavement management strategy for future years to help to maintain a healthy distribution of network miles.

Figure 3
PCI Distribution in Miles by Treatment Band



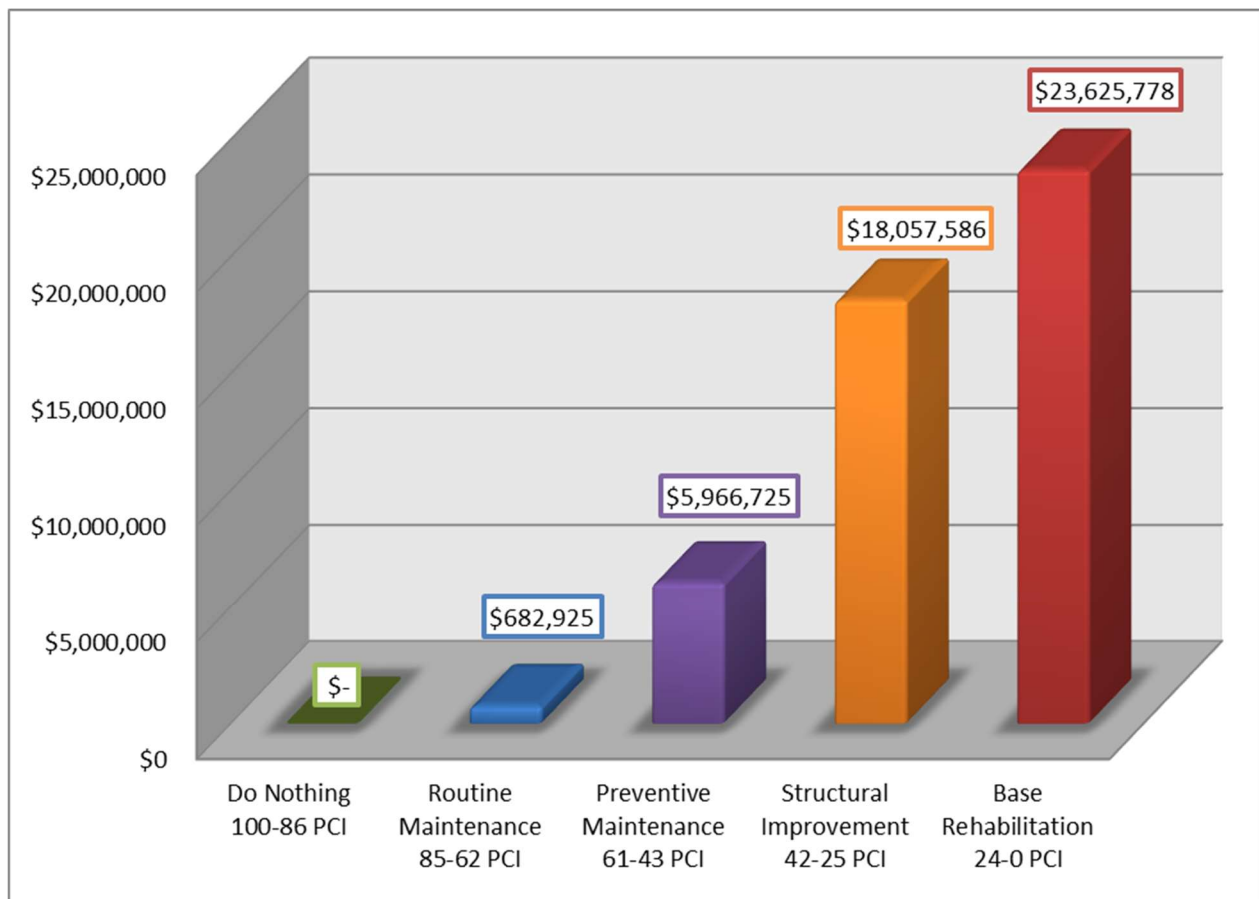
For construction only planning purposes, Base Rehabilitation type repairs range between \$105 - \$130 per square yard depending on the functional classification and drainage conditions, Structural improvement costs are between \$28 - \$50 per square yard pending on the thickness of pavement being resurfaced, Preventive maintenance costs about \$12 - 18 per square yard, and routine maintenance is in the \$2 - 3 per square yard range.

CURRENT ROADWAY BACKLOG

Backlog is defined as the cost of repairing all the roads within one year and bringing the average PCI to a near perfect 100. Backlog is a “snapshot” or relative measure of outstanding repair work. The backlog not only represents how far behind the Medford roadway network is in terms of its present physical condition, but its cost value serves as a benchmark to measure the impact of various funding scenarios. A backlog offers a basis for comparison to future and/or past year’s backlog(s). Backlog dollars represent the pavement structure only; it does not include related repair cost for sidewalk, pedestrian ramp improvements, utilities, drainage, signals, unless specified within the activity.

As of May 2021, Medford’s backlog of pavement repair work totaled \$48,333,013. This cost estimate consists of \$23,625,778 in base rehabilitation; \$18,057,586 in structural improvement work; \$5,966,725 in preventive maintenance, and \$682,925 in routine maintenance. The figure below summarizes costs by treatment band. Note that the nearly **87%** of the backlog is dedicated to expensive capital repair bands.

Figure 4
Dollar Backlog of Outstanding Repairs



4. MODEL/PLANNING PROCESS

BUDGET ANALYSIS

The analysis software of the pavement management system is where financial determinations and projections are made. Consideration is given to the required budget, by repair type, based on the supplied information from meetings with Department of Public Works staff and Stantec, for overall desired roadway network conditions.

A **regressive** spending program occurs when insufficient funds are invested in road repairs, resulting in an ever-increasing repair backlog. An **equilibrium** program spends enough money each year to keep the average PCI generally stable. A **progressive** program provides sufficient improvement funds to result in a reduction of the backlog over time. Various scenarios were analyzed for Medford to measure the effects of alternative funding levels, and to determine the funding needed to avoid regressive spending. The following scenarios are compared to today's current backlog (**\$48,333,013**), along with the average PCI of **49.5** for the road network.

The planning process determines the most beneficial improvement plan based on the dollars available for each repair type and other factors. Pavement management pulls together these components in its Network Priority Ranking (NPR) value in order to develop a cost-effective program. As previously stated, the NPR was configured to maximize roadway funds. In all of the following model projections (except the Chapter 90 Budget Worst-First), the power of the software was used to allocate funding amounts by best NPR value, based on the pavement management theory. Pavement management theory recognizes that roads deteriorate in an accelerated fashion after the first 75% of their service life, and consequently, programs timely road expenditures to avert far more costly and widespread repairs.

SCENARIO FINDINGS

What follows is an overview of the budget/planning model results. Five budget/planning scenarios were modeled:

- Zero Budget Scenario
- Chapter 90 (Worst First)
- Chapter 90 (Pavement Management Strategy)
- Equilibrium (Maintain PCI) Funding Scenario
- Progressive Funding Scenario

After establishing Medford's current backlog of work, Stantec projected the network average pavement condition index and backlog at a zero annual appropriation rate for five years; the expected historical appropriation rate for five years with a priority on repairing the worst streets first; and the same historical allotment with a priority on pavement management theory; then a five year scenario showing funding levels needed to maintain the current PCI; and finally, the impact of a progressive five year funding scenario.

All the scenarios accounted the "optimum" NPR with the exception of the Chapter 90 (Worst First) where NPR focuses on repairing the worst segments first. Due to the recent increase in cost to raw materials, the dollar amounts appropriated incorporate a 4% annual inflation rate. **Therefore, where the annual roads program appropriation appears to remain the same, it in fact represents a net budget decrease due to the impact of inflation.**

In the scenario specific summary tables that follow, each plan begins with the same network average PCI, and then shows the new network average PCI at the end of each plan period. The tables also use the same amount of outstanding repair work (current backlog) at the start of each plan period, so the first plan year backlog will appear the same for each of the scenarios. The successive years document the impact of the funding plan in comparison of road network average conditions and backlog.

ZERO BUDGET SCENARIO

In recent history, funding for Medford road repairs has come primarily from State Aid sources, with some coming from federal programs. Given the unreliability of consistent funding, a worst-case scenario was developed to show how severely the City would be impacted, over a five-year period, by not funding any road repairs.

Table 2
Zero Budget

YEAR	FUNDING	PCI LEVEL	BACKLOG
Present		49.5	\$48,333,013
FY 2022	\$0	47.9	\$53,835,558
FY 2023	\$0	43.6	\$66,518,910
FY 2024	\$0	39.5	\$85,640,134
FY 2025	\$0	35.9	\$106,153,238
FY 2026	\$0	32.5	\$127,572,087

In a five-year period, the scenario shows that with no road maintenance funding, the network average PCI dropped from a PCI of 49.5 (the middle of the Preventive Maintenance band) down to a PCI of 32.5 (the middle of the Structural Improvement band). Further, the numbers show the repair backlog will increase by 2.6 times to \$127,572,087. The system-wide deterioration was dramatic because the concentration of roads in the Structural Improvement band quickly slipped into the most expensive repair band, the Base Rehabilitation treatment range. This is regressive spending at its worst and this level of deterioration would not be expected to occur.

CHAPTER 90 (WORST FIRST)

Stantec used Chapter 90's 2021 Apportionment of \$1M/year as the base for a Historical Budget in future scenarios. The Chapter 90 (Worst First) scenario prioritized the worst street segments first since these represent most citizen roadway complaints and repair requests.

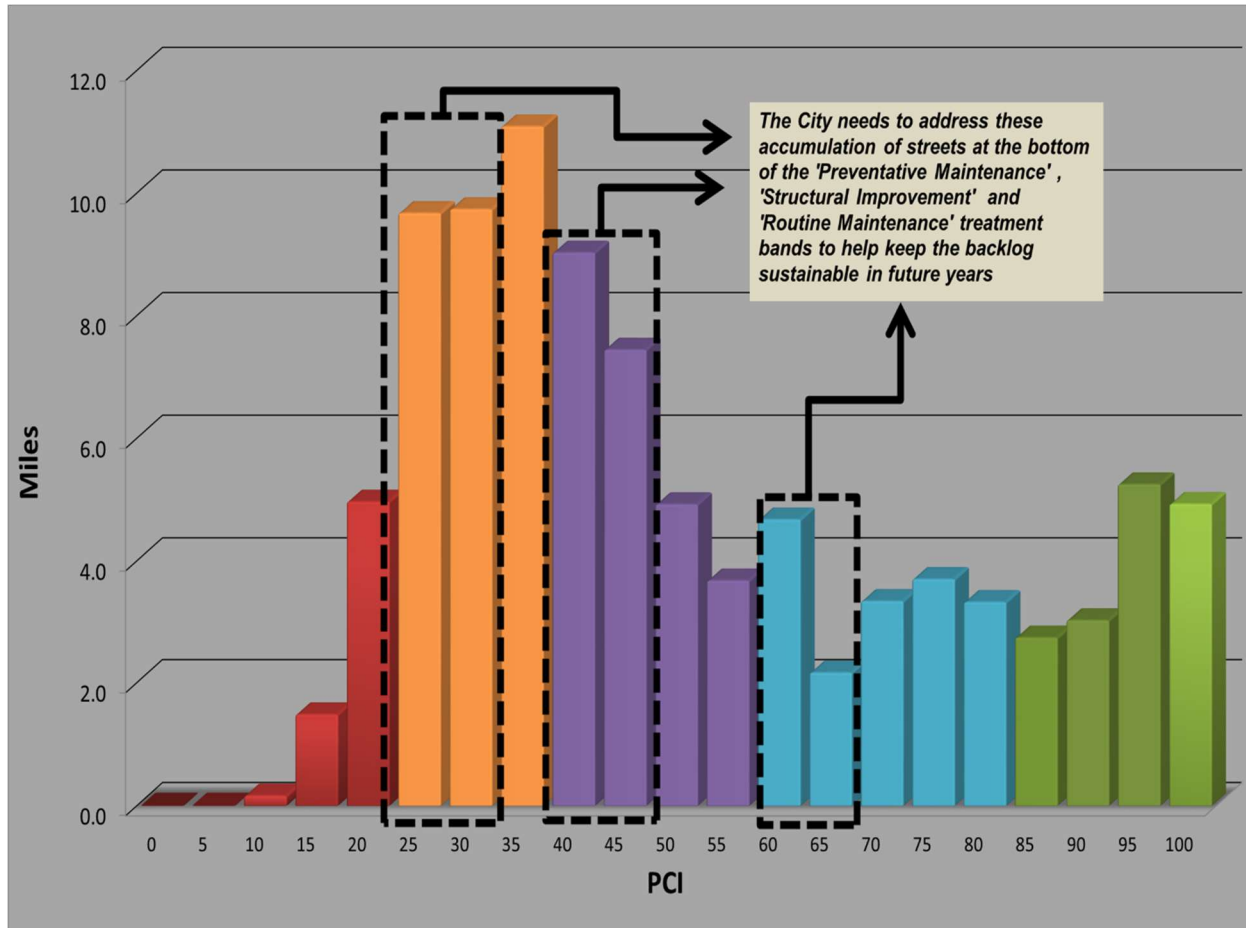
Table 3
Chapter 90 (Worst-First)

<u>YEAR</u>	<u>FUNDING</u>	<u>PCI LEVEL</u>	<u>BACKLOG</u>
Present		49.5	\$48,333,013
FY 2022	\$1,000,000	48.4	\$52,835,951
FY 2023	\$1,000,000	44.6	\$64,476,524
FY 2024	\$1,000,000	41.0	\$82,436,056
FY 2025	\$1,000,000	37.9	\$101,802,278
FY 2026	\$1,000,000	35.0	\$121,953,560

The network average PCI dropped from a PCI of 49.5 (the middle of the Preventive Maintenance band) down to a PCI of 35 (the middle of the Structural Improvement band). If this funding level remains unchanged, by the year 2026, the present backlog of \$48,333,013 will have grown to \$121,953,560. This reflects a serious regressive spending program.

Figure 5 shows the histogram of current network conditions broken down by 5 PCI points to further demonstrate the distribution needs to increase funding on the road network.

Figure 5
PCI Histogram of Network Conditions



As seen in Figure 5, half of City's road network is dedicated to 'Structural Improvement' and 'Preventative Maintenance' treatment bands with many falling along the bottom of those bands. The City has some serious work ahead.

In order for the City to avoid these roads from falling to the next treatment bands, it is vital to sufficiently fund the mileage at the 'Structural Improvement', 'Preventative Maintenance' and 'Routine Maintenance' treatment bands to prevent roadways from deteriorating into the more expensive treatment bands and thus inflating the backlog.

CHAPTER 90 (PAVEMENT MANAGEMENT STRATEGY)

Using Medford's Chapter 90's 2021 Apportionment of \$1M/year as the base for a Historical Budget in future scenarios. The Chapter 90 (Pavement Management Strategy) scenario prioritized streets with higher Network Priority Rating (NPR). NPR is determining which roads are heavily traveled and cost effective.

Table 4
Chapter 90 (Pavement Management Strategy)

YEAR	FUNDING	PCI LEVEL	BACKLOG
Present		49.5	\$48,086,143
FY 2022	\$1,000,000	51.3	\$52,839,207
FY 2023	\$1,000,000	50.3	\$63,695,803
FY 2024	\$1,000,000	49.1	\$79,514,587
FY 2025	\$1,000,000	48.5	\$96,693,586
FY 2026	\$1,000,000	47.7	\$113,396,463

The network average PCI dropped from a PCI of 49.5 (the bottom of the Preventive Maintenance band) down to a PCI of 47.7. If this funding level remains unchanged, by the year 2026, the present backlog of \$48,086,143 will have grown to \$113,396,463. While this scenario is regressive in nature, it demonstrates the importance of spending money wisely, as this scenario results in \$8.5M savings versus the Chapter 90 worst-first scenario.

EQUILIBRIUM FUNDING SCENARIO

Recognizing that an increase in local dollars will be needed to maintain city-wide road conditions, a scenario that would generally keep the PCI and backlog at today's levels over a ten-year time period, was evaluated.

This alternative would perform cost-effective repair work identified by existing conditions to maintain the current network conditions. The work would be done over a five-year period, costing \$17,500,000 of which would require \$3,500,000 per year.

Table 5
Maintain PCI Funding Scenario

<u>YEAR</u>	<u>FUNDING</u>	<u>PCI LEVEL</u>	<u>BACKLOG</u>
Present		49.5	\$48,333,013
FY 2022	\$3,500,000	51.5	\$50,357,645
FY 2023	\$3,500,000	51.1	\$59,323,295
FY 2024	\$3,500,000	51.2	\$74,333,077
FY 2025	\$3,500,000	52.3	\$90,007,548
FY 2026	\$3,500,000	52.8	\$104,041,866

This funding would allow the City to spend sufficiently on streets in need of capital repair, while also maintaining a preventive and routine maintenance program. With the PCI slightly increasing throughout the projection and finishing at 52.8 (in the bottom of the Preventive Maintenance band), and the backlog of repair work nearly doubling over the next five years, this scenario represents how much the City should strive to spend at a minimum.

By spending \$12.5 million dollars more over five years than the current budget - this scenario allows for a more aggressive resurfacing program which leads to fewer segments in the 'Base Rehabilitation' treatment band, and a backlog which is \$9.3 million less after 5 years compared to the Chapter 90 (Worst First) budget.

PROGRESSIVE FUNDING SCENARIO

Recognizing that City Average pavement conditions are poor and significant funding is needed to improve the PCI a progressive scenario was investigated. This alternative would perform cost-effective repair work identified by existing conditions to dramatically improve the current network conditions. The work would be done over a five-year period, costing \$47,500,000 of which would require \$9,500,000 per year.

Table 6
Progressive Funding Scenario

<u>YEAR</u>	<u>FUNDING</u>	<u>PCI LEVEL</u>	<u>BACKLOG</u>
Present		49.5	\$48,333,013
FY 2022	\$9,500,000	61.3	\$44,336,193
FY 2023	\$9,500,000	67.4	\$45,197,054
FY 2024	\$9,500,000	72.0	\$50,143,142
FY 2025	\$9,500,000	75.5	\$43,514,258
FY 2026	\$9,500,000	79.1	\$36,603,183

This funding would allow the City to aggressively repair the roads that sit at the bottom of the 'Structural Improvement' and 'Preventative Maintenance' treatment bands, to avoid a large transfer of roads to more expensive repair methods. With the PCI increasing throughout the projection and finishing at 79.1 (in the bottom of the Routine Maintenance band), and the backlog of repair work reducing by 24% by FY 2026, this truly is a progressive funding program for City of Medford.

Summary of Roadway Funding Scenarios:

Figure 6

Average PCI of Roadway Funding Scenarios:

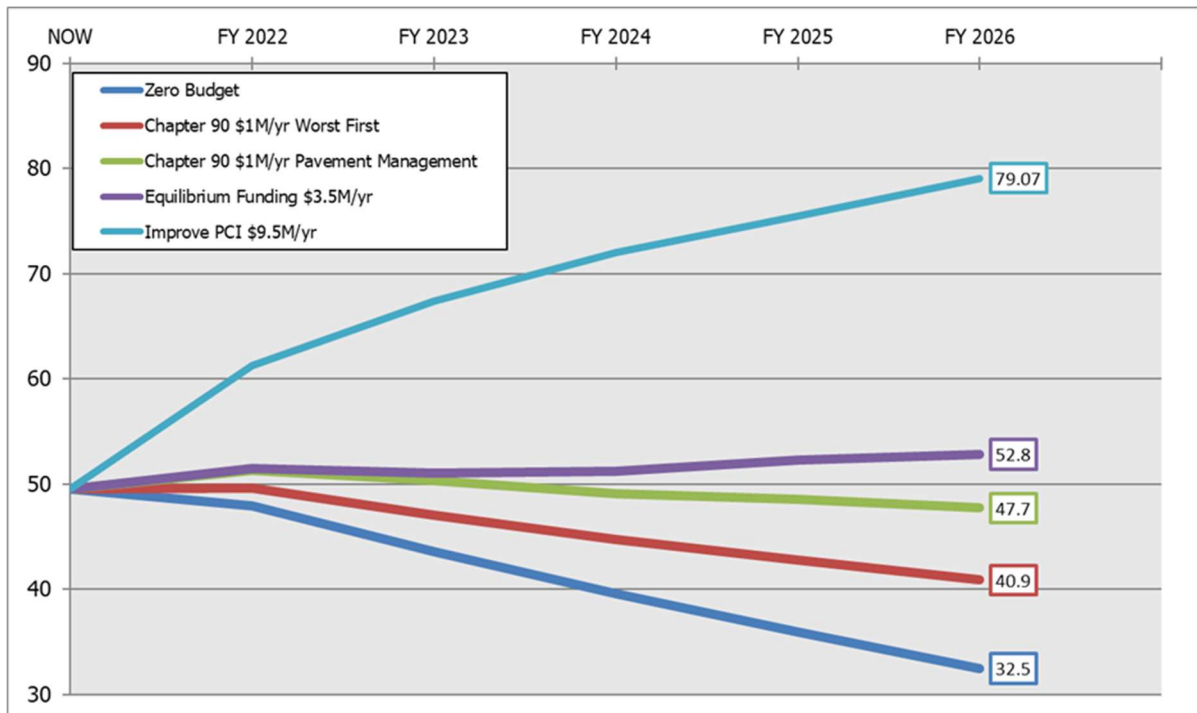
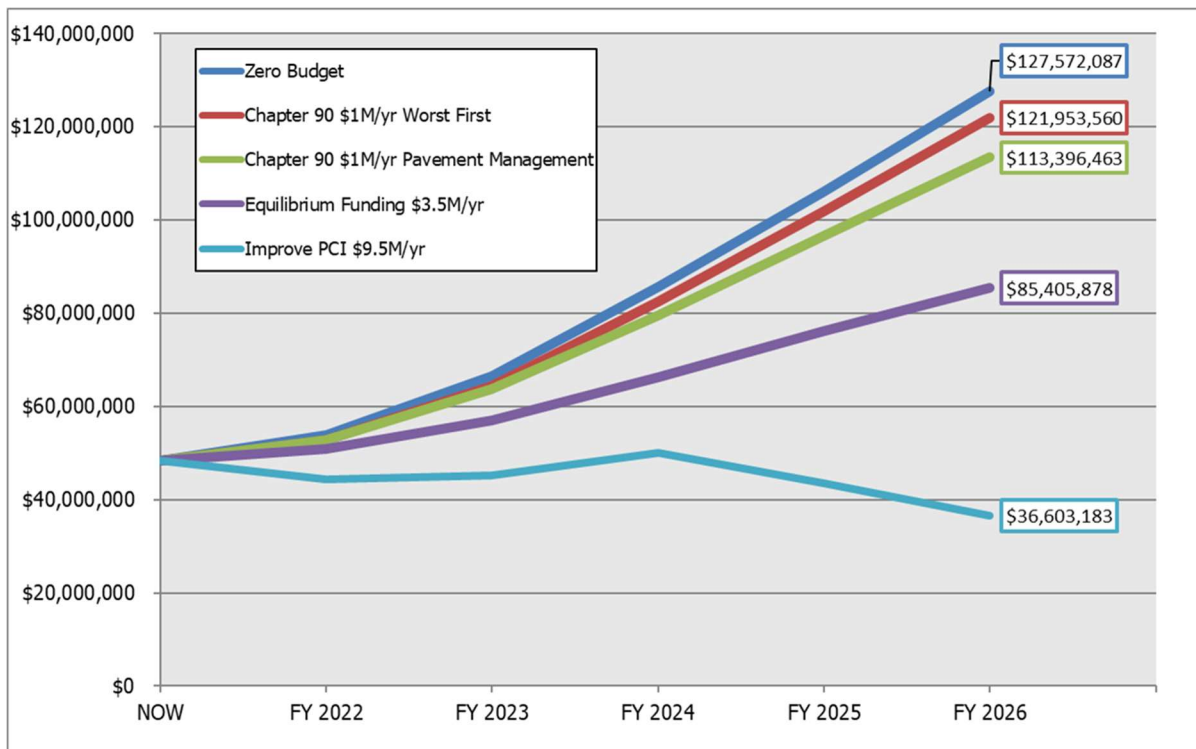


Figure 7

Future Backlog of Roadway Funding Scenarios:



5. CONCLUSION

RECOMMENDED PLAN OF ACTION

The overall roadway network in the City of Medford is currently in poor condition. The findings in this report illustrate current funding levels are low and will not prevent expected roadway deterioration unless additional funding beyond Chapter 90 apportionment is budgeted. Future roadway funding levels need to be increased, as Medford's annual budget needs to include an aggressive capital paving program for its streets needing structural improvement while also maintaining its routine maintenance streets. Additionally, it is recommended that roads be reviewed each year to confirm that deterioration is occurring at the expected computer model rates. Based on these reviews and inspections, an update to the pavement management software will provide the City with a better understanding of its roadway degradation and confirmation of appropriate funding needs to prevent it.

If pre-emptive action is not taken, half of the network in need of structural improvement rapidly digress to needing base rehabilitation, which require higher repair cost. Today's roadway network currently sits at a "critical point" where the window of opportunity to perform cost-effective and major capital roadway repairs is presented.

The unit cost price for repairing segments increases drastically as the treatment bands worsen. For example, it is almost twice as expensive to repair segments in the 'Base Rehabilitation' band compared to those in the 'Structural Improvement' band. An optimum pavement management strategy was considered in which segments are treated at the most ideal time within each treatment band. This strategy recognizes which segments are on the verge of multiplying in repair expense and treats them to maximize taxpayer dollars. In executing this strategy, Stantec recognized that Medford's current budget is not sufficient to treat enough of these segments and too many are in the most expensive treatments, accounting for 87% of the backlog. It is because of this that Stantec recommends that the City should strive to secure between \$3,500,000 and \$9,500,000 per year for the next five years, to address its roadway backlog and gain control of its deteriorating roadways. Also, the City should continue keeping abreast of the latest developments in pavement restoration technology that might offer a more cost-effective alternative to pavement maintenance or rehabilitation over the pavement's life cycle.

It's easy to forget that pavements are a community's single largest asset. The City has a major investment in its 95.4-mile public roadway network. Pavements are not perpetual, they're one of the City's fastest deteriorating assets, due to environmental effects, increased traffic loading, and utility cuts.

Additional roadway funding will protect Medford's pavement assets, resulting in better overall roadway conditions, and satisfaction that taxpayer dollars have been well spent.

PAVEMENT MANAGEMENT SYSTEM MAINTENANCE

Pavement management is a systematic process that needs the long-term commitment of City decision-makers and support of practitioners to maintain the pavement management system. Standard management and upkeep of the database include the following practices:

1. Identify an internal Asset/Pavement Management/GIS Champion to manage database, facilitate condition surveys, and generate annual analysis and recommendations. Typically, communities with more than 100 miles of roadway benefit from a professional asset/pavement management software/GIS system.
2. Continue annual re-inspections. Arterial and Collector roadways annually; local roads every two (2) years; dead end and cul-de-sacs every three (3) years. Institute departmental quality control on PCI data to ensure analytical reliability.
3. Caregraph and GIS will be the new tool to look at multi-asset conditions rather than linear tables. Post all annual pavement management segment improvements into the database. Both pavement condition ratings and the repair history information should be entered. Repair history should include outside agencies such as MassDOT, DCR, and others executing permanent roadway restoration.
4. Begin developing other inventory and asset condition data via Cartegraph to aid in future road repair decision factors. PCI is only part of the repair decision equation. Integrate water and sewer condition data to prioritize repairs based on science/engineering and constituent requests i.e. City's pedestrian ramp inventory is used to decide whether a street can be resurfaced or deferred to reconstruction.
5. Today, the City adopts a 2-prong approach (Do Nothing/Patch, Resurface or Reconstruct). Begin to implement an annual cracksealing program on newer City streets - use "guarantee street list" i.e. recently reconstructed and resurfaced. Explore, pilot, and identify preservation surface treatments that will be conducive to working in an urban environment and programmed for future work as the City embarks on one of its most aggressive public infrastructure improvement projects. Adopt a 4-tier roadway repair program strategy approach as identified in this report. See following recommended allocation strategy:

<u>Future (4-tier allocation system)</u>	<u>Future Appropriation</u>
i. Routine Maintenance – Crack Seal	\$250k/yr
ii. Preventative Maintenance - Utility Patching	\$250k/yr
iii. Resurfacing	
1. Travel Lane Only – no ADA	\$1.0M/yr
2. Full width paving – Ramps Only	\$3.0M/yr
iv. Reconstruction - Pavement items only	<u>\$5.0M/yr</u>
	\$9.5M/yr

6. Prioritize roadway restoration funding on Arterial/Collectors. Strive to improve Medford's arterial/collector network average PCI to within the Routine Maintenance band and

work closely with utilities (see #8). The City, as a whole, feels and rides as the condition of its major thoroughfares.

7. Focus preservation maintenance funding and Chapter 90 funds on non-NHS/STP streets – i.e. non-federal aided roadways, should additional ARRA/stimulus funding surface.
8. Partner with utilities. The City should not invest in roads with sub-standard underground utilities. Street improvement projects require not only coordination and cooperation from utilities, but equal/matching underground and surface roadway investments resulting in worthwhile projects and not waste of taxpayer dollars. Begin importing the City's pavement management plans into a utility coordination format. Start coordination early, preferably 18 to 36 months in advance. Develop a "troublesome" underground utility(s) GIS layer, specifically gas and water infrastructure, based on emergency permits issued over the last 10 years. So that all future major roadway projects may be cross-checked prior to utility coordination clearance process to further safeguard the City's infrastructure dollars.
9. Form a Pavement Management Committee. Members should include representatives from Public Works and Mayor's Office to promote public awareness and educate citizens on the City's new pavement management practices - why taxdollars should not always be directed to worst-streets first.
10. Confirm Chapter 90 MassDOT/EOT (91.72 miles) versus Medford's Pavement Management System (95.4 miles). Chapter 90 formula looks at living and work population and total road miles. The City may be missing out on some due funding. Cross-check street inventories and confirm with Engineering.

Stantec can support this proposed action plan using our transportation expertise and talents. In summary, the pavement management system should serve as a valuable tool to the City of Medford and to Medford decision-makers in their pro-active approach to managing the City's roadways.

APPENDIX A

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10550	ABBOTT STREET	RIVERSIDE AVENUE	CUSHING STREET	440	81.8	(RM) Crack Seal	\$ 3,178
10239	ADAMS STREET	CITY LIMIT	BOSTON AVENUE	1438	27.1	(SI) 2" Mill & Overlay Local	\$ 125,221
10335	ALAN DALE ROAD	NORWICH CIRCLE	NORWICH CIRCLE	556	25.1	(SI) 2" Mill & Overlay Local	\$ 41,500
10094	ALBION STREET	CITY LIMIT	MAIN STREET	1420	45.7	(PM) Travel Lane 2" Mill & Overlay	\$ 90,880
10084	ALEXANDER AVENUE	MAIN STREET	ALEXANDER AVENUE	1656	89.8	Do Nothing	\$ -
10154	ALFRED STREET	CITY LIMIT	NEWBERN AVENUE	686	34.5	(SI) 2" Mill & Overlay Local	\$ 64,004
10095	ALFRED TERRACE	ALFRED STREET	WILLIAM STREET	336	47.2	(PM) Travel Lane 2" Mill & Overlay	\$ 12,096
10371	ALLSTON STREET	END	HIGH STREET	914	34.2	(SI) 2" Mill & Overlay Local	\$ 62,536
10372	ALLSTON STREET	HIGH STREET	WOBURN STREET	1669	89.2	Do Nothing	\$ -
10558	ALMONT STREET	SALEM STREET	FELLSWAY WEST	1234	38.1	(SI) 2" Mill & Overlay Local	\$ 92,106
10578	AMARANTH AVENUE	MYRTLE STREET	FELLSWAY	719	37.9	(SI) 2" Mill & Overlay Local	\$ 62,611
10648	AMES STREET	FULTON STREET	WALSH STREET	646	21.2	(BR) Recon/Reclaim Local	\$ 230,126
10646	ANDREWS STREET	FULTON STREET	WALSH STREET	1315	29.8	(SI) 2" Mill & Overlay Local	\$ 98,152
10305	ARLINGTON STREET	BOSTON AVENUE	CANAL STREET	440	30.2	(SI) 2" Mill & Overlay Local	\$ 35,578
10304	ARLINGTON STREET	JEROME STREET	BOSTON AVENUE	857	77.4	(RM) Crack Seal	\$ 6,189
10288	ARLINGTON STREET	MYSTIC RIVER ROAD	MYSTIC RIVER ROAD	2339	96.0	Do Nothing	\$ -
10437	ASH STREET	WATER STREET	WEBSTER STREET	371	66.1	(RM) Crack Seal	\$ 1,855
10415	ASHCROFT ROAD	LAWRENCE ROAD	SHERWOOD ROAD	1751	95.5	Do Nothing	\$ -
10436	ASHLAND STREET	SALEM STREET	WATER STREET	1224	53.4	(PM) Pavement Patching	\$ 40,800
10190	AUBURN STREET	CITY LIMIT	NORTH STREET	649	42.7	(SI) 3" Mill & Overlay Art/Col	\$ 93,726
10373	AUBURN STREET	MYSTIC VALLEY PARKWAY	HIGH STREET	1263	92.7	Do Nothing	\$ -
10377	AUSTIN ROAD	WOLCOTT STREET	HIGH STREET	471	39.6	(SI) 2" Mill & Overlay Local	\$ 38,085
10374	BARNARD ROAD	VERNON STREET	WOBURN STREET	453	50.3	(PM) Travel Lane 2" Mill & Overlay	\$ 23,556
10628	BELLE AVENUE	FULTON STREET	PALMER STREET	1404	16.3	(BR) Recon/Reclaim Local	\$ 400,121
10247	BELLEVUE STREET	END	BOSTON AVENUE	367	100.0	Do Nothing	\$ -
10252	BENHAM STREET	CHARNWOOD ROAD	CHESTER AVENUE	672	35.7	(SI) 2" Mill & Overlay Local	\$ 54,338
10632	BENMOR STREET	PARK AVENUE	HIGHLAND AVENUE	584	22.8	(BR) Recon/Reclaim Local	\$ 187,236
10110	BENNETT STREET	EDWARD STREET	EAST ALBION STREET	280	31.8	(SI) 2" Mill & Overlay Local	\$ 23,512
10144	BENTON ROAD	HARVARD STREET	YALE STREET	270	30.0	(SI) 2" Mill & Overlay Local	\$ 21,832
10146	BERWICK ROAD	HARVARD STREET	YALE STREET	279	22.9	(BR) Recon/Reclaim Local	\$ 86,137
10125	BILLINGS AVENUE	WILLIS AVENUE	MYSTIC AVENUE	608	23.9	(BR) Recon/Reclaim Local	\$ 194,931
10124	BILLINGS AVENUE	MAIN STREET	WILLIS AVENUE	691	39.1	(SI) 2" Mill & Overlay Local	\$ 58,023
10085	BONNER AVENUE	MAIN STREET	ALEXANDER AVENUE	1745	25.1	(SI) 2" Mill & Overlay Local	\$ 141,101
10302	BOSTON AVENUE	HIGH STREET	CITY LIMIT	2412	31.3	(SI) 3" Mill & Overlay Art/Col	\$ 513,564
10225	BOSTON AVENUE	647 FT E OF COLLEGE AVENUE	WARNER STREET	1018	37.7	(SI) 3" Mill & Overlay Art/Col	\$ 226,177
10223	BOSTON AVENUE	UNIVERSITY AVENUE	COLLEGE AVENUE	1405	61.2	(PM) Pavement Patching	\$ 78,056
10220	BOSTON AVENUE	CITY LIMIT	ADAMS STREET	1241	74.0	(RM) Crack Seal	\$ 13,789
10222	BOSTON AVENUE	HILLSDALE ROAD	UNIVERSITY AVENUE	1446	76.8	(RM) Crack Seal	\$ 16,067
10224	BOSTON AVENUE	COLLEGE AVENUE	647 FT E OF COLLEGE AVENUE	636	81.1	(RM) Crack Seal	\$ 7,067
10221	BOSTON AVENUE	ADAMS STREET	HILLSDALE ROAD	246	90.7	Do Nothing	\$ -
10226	BOSTON AVENUE	WARNER STREET	1194 FT E OF WARNER STREET	1175	93.7	Do Nothing	\$ -
10157	BOW STREET	MAIN STREET	BRAEMORE ROAD	475	43.8	(PM) Travel Lane 2" Mill & Overlay	\$ 31,350
10158	BOW STREET	BRAEMORE ROAD	MAIN STREET	1531	64.1	(RM) Crack Seal	\$ 14,034
10122	BOWDOIN STREET	COLBY STREET	MAIN STREET	1617	23.9	(BR) Recon/Reclaim Local	\$ 499,225
10652	BOWEN AVENUE	MAIN STREET	MYSTIC AVENUE	1381	22.7	(BR) Recon/Reclaim Local	\$ 459,161
10303	BOWER STREET	HARVARD AVENUE	CANAL STREET	1224	30.2	(SI) 2" Mill & Overlay Local	\$ 91,359
10391	BOYNTON ROAD	HIGH STREET	PILGRIM ROAD	747	35.3	(SI) 2" Mill & Overlay Local	\$ 69,695

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10647	BRACKETT STREET	WALSH STREET	ELM STREET	562	30.9	(SI) 2" Mill & Overlay Local	\$ 41,948
10463	BRADBURY AVENUE	RIVERSIDE AVENUE	SECOND STREET	835	20.0	(BR) Recon/Reclaim Local	\$ 257,794
10462	BRADBURY AVENUE	FELLSWAY	RIVERSIDE AVENUE	638	24.5	(SI) 2" Mill & Overlay Local	\$ 51,589
10464	BRADBURY AVENUE	SECOND STREET	WOODRUFF AVENUE	413	39.2	(SI) 2" Mill & Overlay Local	\$ 33,395
10145	BRADFORD AVENUE	HARVARD STREET	YALE STREET	270	28.8	(SI) 2" Mill & Overlay Local	\$ 21,832
10432	BRADLEE ROAD	BRADLEE ROAD	BRADLEE ROAD	666	66.6	(RM) Crack Seal	\$ 4,440
10431	BRADLEE ROAD	HIGH STREET	BRADLEE ROAD	606	72.0	(RM) Crack Seal	\$ 4,040
10501	BRADSHAW STREET	PEMBROKE STREET	SPRING STREET	1060	98.3	Do Nothing	\$ -
10104	BRAEMORE ROAD	BOW STREET	KILSYTH ROAD	546	25.7	(SI) 2" Mill & Overlay Local	\$ 47,546
10408	BREWSTER ROAD	UPTON TERRACE	GOVERNORS AVENUE	795	43.3	(PM) Travel Lane 2" Mill & Overlay	\$ 38,160
10147	BRISTOL ROAD	CITY LIMIT	WARNER STREET	776	98.7	Do Nothing	\$ -
10531	BROGAN ROAD	FULTON STREET	PARK STREET	909	84.3	(RM) Crack Seal	\$ 6,060
10256	BROOKINGS STREET	GEORGE STREET	SUMMER STREET	944	23.5	(BR) Recon/Reclaim Local	\$ 269,027
10255	BROOKINGS STREET	GREENLEAF AVENUE	GEORGE STREET	626	75.4	(RM) Crack Seal	\$ 4,173
10254	BROOKINGS STREET	END	GREENLEAF AVENUE	481	87.2	Do Nothing	\$ -
10183	BROOKS PARK	MAIN STREET	MAIN STREET	788	33.6	(SI) 2" Mill & Overlay Local	\$ 78,422
10369	BROOKS STREET	HIGH STREET	313 FT E OF WOBURN STREET	2492	39.0	(SI) 2" Mill & Overlay Local	\$ 201,503
10370	BROOKS STREET	313 FT E OF WOBURN STREET	WINTHROP STREET	766	94.6	Do Nothing	\$ -
10440	BROOKSIDE PARKWAY	WEBSTER STREET	VALLEY STREET	1275	29.2	(SI) 2" Mill & Overlay Local	\$ 118,958
10385	BURBANK ROAD	WINTHROP STREET	LAWRENCE ROAD	710	28.0	(SI) 3" Mill & Overlay Art/Col	\$ 94,648
10257	BURGET AVENUE	END	GEORGE STREET	1700	29.3	(SI) 2" Mill & Overlay Local	\$ 142,749
10572	BURNSIDE STREET	LAWRENCE STREET	CENTRAL AVENUE	893	30.9	(SI) 2" Mill & Overlay Local	\$ 72,208
10643	BUTLER STREET	END	FOSS STREET	414	42.2	(PM) Travel Lane 2" Mill & Overlay	\$ 20,700
10363	CANAL STREET	BOWER STREET	PRESCOTT STREET	430	49.8	(PM) Travel Lane 2" Mill & Overlay	\$ 20,640
10364	CANAL STREET	PRESCOTT STREET	HIGH STREET	584	91.1	Do Nothing	\$ -
10230	CAPEN STREET	ADAMS STREET	WINTHROP STREET	962	22.3	(BR) Recon/Reclaim Local	\$ 274,157
10229	CAPEN STREET	HARRIS ROAD	ADAMS STREET	1035	31.2	(SI) 2" Mill & Overlay Local	\$ 77,252
10228	CAPEN STREET	CITY LIMIT	HARRIS ROAD	259	44.4	(PM) Travel Lane 2" Mill & Overlay	\$ 12,432
10524	CARNEY STREET	YEOMANS AVENUE	LINWOOD STREET	466	35.7	(SI) 2" Mill & Overlay Local	\$ 37,681
10553	CAROLINA STREET	RIVERSIDE AVENUE	BRADSHAW STREET	863	44.3	(PM) Travel Lane 2" Mill & Overlay	\$ 44,876
10596	CEDAR CLIFF TERRACE	FELLSWAY WEST	END	302	36.0	(SI) 2" Mill & Overlay Local	\$ 22,541
10607	CEDAR ROAD	LUND ROAD	CITY LIMIT	856	17.1	(BR) Recon/Reclaim Local	\$ 182,961
10397	CEDAR ROAD	SUMMIT ROAD	GOVERNORS AVENUE	527	42.3	(PM) Travel Lane 2" Mill & Overlay	\$ 18,972
10518	CENTRAL AVENUE	PARK STREET	SPRING STREET	1765	34.9	(SI) 3" Mill & Overlay Art/Col	\$ 323,519
10519	CENTRAL AVENUE	SPRING STREET	KENMERE ROAD	1441	73.6	(RM) Crack Seal	\$ 13,209
10520	CENTRAL AVENUE	KENMERE ROAD	CITY LIMIT	289	90.7	Do Nothing	\$ -
10341	CENTURY STREET	PLAYSTEAD ROAD	WOBURN STREET	1275	91.0	Do Nothing	\$ -
10346	CHARDON ROAD	PLAYSTEAD ROAD	WARREN STREET	487	41.0	(SI) 2" Mill & Overlay Local	\$ 39,379
10527	CHARLES STREET	SURREY STREET	CITY LIMIT	126	36.4	(SI) 2" Mill & Overlay Local	\$ 10,188
10139	CHARLTON STREET	BUZZELL LANE	WINDSOR ROAD	245	79.0	(RM) Crack Seal	\$ 1,633
10218	CHARNWOOD ROAD	WINTHROP STREET	BROOKINGS STREET	904	48.2	(PM) Travel Lane 2" Mill & Overlay	\$ 43,392
10561	CHERRY STREET	SALEM STREET	FELLSWAY WEST	1009	36.1	(SI) 2" Mill & Overlay Local	\$ 81,588
10212	CHESTER AVENUE	WINTHROP STREET	BURGET AVENUE	1111	76.4	(RM) Crack Seal	\$ 8,024
10427	CHESTNUT STREET	ASHLAND STREET	OAKLAND STREET	428	77.4	(RM) Crack Seal	\$ 1,902
10573	CHIPMAN STREET	LAWRENCE STREET	CENTRAL AVENUE	884	13.7	(BR) Recon/Reclaim Local	\$ 272,922
10416	CIRCUIT ROAD	MASSACHUSETTS AVENUE	SHERWOOD ROAD	1335	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 69,420
10308	CIRCUIT STREET	BOWER STREET	BOWER STREET	975	37.0	(SI) 2" Mill & Overlay Local	\$ 72,774

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10441	CITY HALL MALL	SALEM STREET	RIVERSIDE AVENUE	581	67.6	(RM) Crack Seal	\$ 5,794
10250	CLARK STREET	GEORGE STREET	WINTHROP PLACE	457	32.4	(SI) 2" Mill & Overlay Local	\$ 36,953
10251	CLARK STREET	WINTHROP PLACE	DOUGLAS ROAD	600	48.7	(PM) Travel Lane 2" Mill & Overlay	\$ 31,200
10093	CLAYTON AVENUE	ALFRED STREET	MEDFORD STREET	708	76.8	(RM) Crack Seal	\$ 4,720
10627	CLEMATIS ROAD	END	DOONAN STREET	887	40.4	(PM) Travel Lane 2" Mill & Overlay	\$ 35,480
10624	CLEVELAND STREET	MANGLES STREET	BELLE AVENUE	869	17.3	(BR) Recon/Reclaim Local	\$ 268,291
10343	CLEWLEY ROAD	WARREN STREET	CENTURY STREET	891	24.3	(SI) 2" Mill & Overlay Local	\$ 94,214
10342	CLEWLEY ROAD	PLAYSTEAD ROAD	WARREN STREET	430	28.2	(SI) 2" Mill & Overlay Local	\$ 45,468
10414	CLIFTON STREET	END	LAWRENCE ROAD	333	14.5	(BR) Recon/Reclaim Local	\$ 86,992
10442	CLIPPERSHIP DRIVE	MAIN STREET	RIVERSIDE AVENUE	1414	70.5	(RM) Crack Seal	\$ 10,212
10444	CLIPPERSHIP DRIVE	START OF DIVIDED	MAIN STREET	87	77.6	(RM) Crack Seal	\$ 628
10153	COLBY STREET	YALE STREET	BOWDOIN STREET	481	28.0	(SI) 2" Mill & Overlay Local	\$ 38,894
10265	COLLEGE AVENUE	CITY LIMIT	SUMMER STREET	3546	71.2	(RM) Crack Seal	\$ 37,430
10204	COLUMBIA ROAD	MAIN STREET	MYSTIC AVENUE	562	23.2	(BR) Recon/Reclaim Local	\$ 173,510
10485	COMMERCIAL STREET	HALL STREET	RIVERSIDE AVENUE	1030	13.9	(BR) Recon/Reclaim Local	\$ 342,459
10484	COMMERCIAL STREET	MYSTIC VALLEY PARKWAY	HALL STREET	1548	53.8	(PM) Pavement Patching	\$ 60,200
10201	COREY STREET	CLARK STREET	DOUGLAS ROAD	475	41.7	(SI) 2" Mill & Overlay Local	\$ 38,408
10344	CORINNE ROAD	END	WOBURN STREET	643	30.3	(SI) 2" Mill & Overlay Local	\$ 51,993
10368	COTTAGE STREET	PRESCOTT STREET	HIGH STREET	584	23.0	(BR) Recon/Reclaim Local	\$ 166,432
10191	COTTING STREET	NORTH STREET	LYMAN AVENUE	435	78.4	(RM) Crack Seal	\$ 2,900
10192	COTTING STREET	LYMAN AVENUE	WINTHROP STREET	922	83.8	(RM) Crack Seal	\$ 6,147
10193	COTTING STREET RAMP	COTTING STREET	WEST STREET	63	63.5	(RM) Crack Seal	\$ 420
10546	COURT STREET	SALEM STREET	TAINTER STREET	751	66.6	(RM) Crack Seal	\$ 3,755
10547	COURT STREET	TAINTER STREET	BROGAN ROAD	605	87.4	Do Nothing	\$ -
10164	CRESCENT STREET	HANCOCK STREET	MYSTIC AVENUE	426	38.3	(SI) 2" Mill & Overlay Local	\$ 34,446
10396	CREST ROAD	SUMMIT ROAD	TERRACE ROAD	251	53.4	(PM) Pavement Patching	\$ 8,367
10497	CROSS STREET	LAURIAT PLACE	SALEM STREET	827	38.4	(SI) 2" Mill & Overlay Local	\$ 66,871
10447	CROSS STREET	CROSS STREET	SALEM STREET	139	40.3	(SI) 2" Mill & Overlay Local	\$ 11,240
10266	CURTIS STREET	SUMMER STREET	SOUTH STREET	610	19.4	(BR) Recon/Reclaim Local	\$ 159,355
10500	CUSHING STREET	THATCHER STREET	CAROLINA STREET	1172	90.4	Do Nothing	\$ -
10419	CYPRESS ROAD	FOREST STREET	END	293	81.1	(RM) Crack Seal	\$ 2,279
10496	DANIELS STREET	PLEASANT STREET	LAURIAT PLACE	536	25.1	(SI) 2" Mill & Overlay Local	\$ 43,341
10142	DARTMOUTH STREET	YALE STREET	BOWDOIN STREET	459	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 22,032
10651	DARTMOUTH STREET	BOWDOIN STREET	BUZZELL LANE	557	52.3	(PM) Pavement Patching	\$ 18,567
10211	DEARBORN STREET	LYMAN AVENUE	WINTHROP STREET	941	28.5	(SI) 2" Mill & Overlay Local	\$ 76,089
10618	DEXTER STREET	CLEMATIS ROAD	HIGHLAND TERRACE	756	16.9	(BR) Recon/Reclaim Local	\$ 305,221
10101	DEXTER STREET	CITY LIMIT	SANGER STREET	1674	39.6	(SI) 2" Mill & Overlay Local	\$ 171,803
10617	DOONAN STREET	HELD CIRCLE	CLEMATIS ROAD	2226	16.2	(BR) Recon/Reclaim Local	\$ 898,705
10253	DOUGLAS ROAD	GEORGE STREET	SUMMER STREET	892	96.4	Do Nothing	\$ -
10555	DUDLEY STREET	WASHINGTON STREET	SALEM STREET	1737	72.5	(RM) Crack Seal	\$ 14,475
10522	DUNBAR AVENUE	YEOMANS AVENUE	EMERALD STREET	475	57.4	(PM) Pavement Patching	\$ 17,153
10264	DWYER CIRCLE	GOURLEY ROAD	GOURLEY ROAD	558	21.5	(BR) Recon/Reclaim Local	\$ 172,274
10421	EARLY AVENUE	FOREST STREET	BROOKSIDE PARKWAY	513	27.8	(SI) 2" Mill & Overlay Local	\$ 41,481
10180	EAST ALBIOM STREET	WILLIS AVENUE	HICKS AVENUE	49	33.6	(SI) 2" Mill & Overlay Local	\$ 3,962
10622	EAST BORDER CIRCLE	END	EAST BORDER ROAD	612	14.0	(BR) Recon/Reclaim Local	\$ 218,015
10650	EDISON AVENUE	TESLA AVENUE	212 FT N OF TESLA AVENUE	156	24.0	(SI) 2" Mill & Overlay Local	\$ 12,614
10178	EDWARD STREET	HENRY STREET	HICKS AVENUE	1521	40.2	(SI) 2" Mill & Overlay Local	\$ 160,831

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10129	ELIOT STREET	MAIN STREET	HANCOCK STREET	759	82.7	(RM) Crack Seal	\$ 5,482
10113	ELLIS AVENUE	MAIN STREET	WILLIS AVENUE	440	30.6	(SI) 3" Mill & Overlay Art/Col	\$ 63,543
10633	ELLSWORTH STREET	GASTON STREET	BENMOR STREET	807	34.8	(SI) 2" Mill & Overlay Local	\$ 35,137
10657	EMERALD STREET	LINWOOD STREET	28 FT E OF WICKLOW AVENUE	536	75.0	(RM) Crack Seal	\$ 3,871
10523	EMERALD STREET	SPRING STREET	LINWOOD STREET	693	80.8	(RM) Crack Seal	\$ 5,005
10649	EMERSON STREET	WALNUT ST	MAIN ST	676	68.6	(RM) Crack Seal	\$ 4,882
10227	EMERY STREET	ADAMS STREET	WINTHROP STREET	937	47.9	(PM) Travel Lane 2" Mill & Overlay	\$ 48,724
10438	ENGLEHUTT ROAD	WOODROW AVENUE	EARLY AVENUE	796	33.7	(SI) 2" Mill & Overlay Local	\$ 64,365
10338	EUGENE ROAD	SMITH LANE	END	317	43.7	(PM) Travel Lane 2" Mill & Overlay	\$ 8,876
10575	EVANS STREET	LAWRENCE STREET	CENTRAL AVENUE	886	82.4	(RM) Crack Seal	\$ 6,399
10544	EVERETT STREET	SALEM STREET	TAINTER STREET	851	62.1	(RM) Crack Seal	\$ 5,673
10311	FAIRFIELD STREET	MYSTIC RIVER ROAD	MONUMENT STREET	1289	28.6	(SI) 2" Mill & Overlay Local	\$ 120,264
10248	FAIRMOUNT STREET	END	BOSTON AVENUE	344	39.2	(PM) Travel Lane 2" Mill & Overlay	\$ 17,888
10287	FARM ROAD	WINTHROP STREET	END	426	31.4	(SI) 2" Mill & Overlay Local	\$ 34,446
10562	FARRAGUT AVENUE	CENTRAL AVENUE	SALEM STREET	1060	23.8	(BR) Recon/Reclaim Local	\$ 327,259
10595	FELLS AVENUE	FELLSWAY WEST	VISTA AVENUE	2316	35.1	(SI) 3" Mill & Overlay Art/Col	\$ 334,467
10601	FELLS AVENUE TERRACE	FELLS AVENUE	FELLS AVENUE TERRACE	764	61.2	(RM) Crack Seal	\$ 5,093
10604	FERN ROAD	VISTA AVENUE	WATERVALE ROAD	696	21.1	(BR) Recon/Reclaim Local	\$ 214,880
10603	FERN ROAD	FELLSWAY WEST	VISTA AVENUE	1101	63.4	(RM) Crack Seal	\$ 7,952
10276	FIFTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	851	58.4	(PM) Pavement Patching	\$ 28,367
10469	FIRST STREET	HENLEY STREET	BRADBURY AVENUE	762	23.7	(BR) Recon/Reclaim Local	\$ 235,256
10471	FIRST STREET	MIDDLESEX AVENUE	CITY LIMIT	561	27.1	(SI) 2" Mill & Overlay Local	\$ 45,363
10470	FIRST STREET	BRADBURY AVENUE	MIDDLESEX AVENUE	564	97.7	Do Nothing	\$ -
10202	FLORENCE STREET	COLLEGE AVENUE	ROYALL STREET	557	18.8	(BR) Recon/Reclaim Local	\$ 171,966
10434	FOREST STREET	START OF DIVIDED	RIVERSIDE AVENUE	354	71.0	(RM) Crack Seal	\$ 4,032
10433	FOREST STREET	SALEM STREET	START OF DIVIDED	4097	99.8	Do Nothing	\$ -
10642	FOSS STREET	FELLSWAY WEST	FULTON STREET	1003	38.5	(SI) 3" Mill & Overlay Art/Col	\$ 167,133
10536	FOUNTAIN STREET	END	TUFTS STREET	536	37.7	(SI) 2" Mill & Overlay Local	\$ 30,005
10538	FOUNTAIN STREET	WATER STREET	END	1093	43.7	(PM) Travel Lane 2" Mill & Overlay	\$ 39,348
10537	FOUNTAIN TERRACE	TUFTS STREET	WATER STREET	7	34.9	(SI) 2" Mill & Overlay Local	\$ 523
10479	FOURTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	766	14.5	(BR) Recon/Reclaim Local	\$ 236,492
10478	FOURTH STREET	FELLSWAY	MIDDLESEX AVENUE	1420	43.4	(PM) Travel Lane 2" Mill & Overlay	\$ 73,840
10477	FOURTH STREET	RIVERSIDE AVENUE	FELLSWAY	671	80.3	(RM) Crack Seal	\$ 4,846
10511	FRANKLIN STREET	WASHINGTON STREET	PARK STREET	815	36.0	(SI) 2" Mill & Overlay Local	\$ 45,624
10130	FREDERICK AVENUE	COLLEGE AVENUE	MAIN STREET	1276	33.6	(SI) 2" Mill & Overlay Local	\$ 107,146
10491	FREEDOM WAY	LOCUST STREET	RIVERSIDE AVENUE	3499	25.9	(SI) 2" Mill & Overlay Local	\$ 272,047
10610	FRYE ROAD	END	GROVER ROAD	396	26.1	(SI) 2" Mill & Overlay Local	\$ 44,336
10182	FULBRIGHT STREET	MYSTIC AVENUE	END	713	29.5	(SI) 2" Mill & Overlay Local	\$ 66,523
10593	FULTON SPRING ROAD	FELLSWAY WEST	FERN ROAD	1867	39.8	(SI) 2" Mill & Overlay Local	\$ 174,191
10588	FULTON STREET	FULTON STREET	END	450	22.9	(SI) 2" Mill & Overlay Local	\$ 36,387
10586	FULTON STREET	FLORENCE AVENUE	ANDREWS STREET	1160	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 60,320
10589	FULTON STREET	FULTON STREET	STURGES STREET	1927	47.0	(PM) Travel Lane 2" Mill & Overlay	\$ 100,204
10585	FULTON STREET	RIDGEWAY ROAD	FLORENCE AVENUE	1294	54.5	(PM) Pavement Patching	\$ 46,728
10587	FULTON STREET	ANDREWS STREET	FULTON STREET	399	63.8	(RM) Crack Seal	\$ 2,882
10584	FULTON STREET	FELLSWAY WEST	RIDGEWAY ROAD	800	75.9	(RM) Crack Seal	\$ 5,778
10542	FULTON STREET	SALEM STREET	LEWIS STREET	1216	76.8	(RM) Crack Seal	\$ 8,782
10543	FULTON STREET	LEWIS STREET	FELLSWAY WEST	978	87.3	Do Nothing	\$ -

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10590	FULTON STREET	STURGES STREET	ELM STREET	1146	92.8	Do Nothing	\$ -
10428	GARDEN STREET	ASHLAND STREET	OAKLAND STREET	438	50.2	(PM) Travel Lane 2" Mill & Overlay	\$ 15,768
10560	GARFIELD AVENUE	CENTRAL AVENUE	SALEM STREET	1000	19.1	(BR) Recon/Reclaim Local	\$ 308,736
10638	GASTON STREET	FULTON STREET	HAINES STREET	558	17.3	(BR) Recon/Reclaim Local	\$ 145,771
10639	GASTON STREET	HAINES STREET	TAFT STREET	1818	36.2	(SI) 2" Mill & Overlay Local	\$ 124,388
10654	GEORGE P HASSETT	RING ROAD	SALEM STREET CIRCLE	190	50.3	(PM) Travel Lane 2" Mill & Overlay	\$ 5,320
10210	GEORGE STREET	COLLEGE AVENUE	MAIN STREET	696	17.5	(BR) Recon/Reclaim Collector	\$ 302,820
10208	GEORGE STREET	BURGET AVENUE	WOODBINE ROAD	638	33.8	(SI) 3" Mill & Overlay Art/Col	\$ 120,487
10207	GEORGE STREET	WINTHROP STREET	BURGET AVENUE	1092	49.6	(PM) Travel Lane 2" Mill & Overlay	\$ 74,256
10209	GEORGE STREET	WOODBINE ROAD	COLLEGE AVENUE	345	53.3	(PM) Travel Lane 2" Mill & Overlay	\$ 23,460
10509	GIBSON STREET	SPRING STREET	GIBSON CIRCLE	516	54.2	(PM) Pavement Patching	\$ 21,500
10510	GIBSON STREET	GIBSON CIRCLE	END	820	80.2	(RM) Crack Seal	\$ 6,833
10366	GLEASON STREET	MADISON STREET	CLEWLEY ROAD	904	40.4	(SI) 2" Mill & Overlay Local	\$ 73,098
10506	GLENWOOD AVENUE	SPRING STREET	END	417	54.3	(PM) Pavement Patching	\$ 15,058
10120	GOLDEN AVENUE	MAIN STREET	PIERCE AVENUE	1226	23.5	(BR) Recon/Reclaim Local	\$ 393,068
10121	GOLDEN AVENUE	PIERCE AVENUE	MYSTIC AVENUE	266	65.7	(RM) Crack Seal	\$ 1,995
10126	GOLDSMITH AVENUE	WILLIS AVENUE	MYSTIC AVENUE	539	36.9	(SI) 2" Mill & Overlay Local	\$ 43,584
10347	GORHAM ROAD	PLAYSTEAD ROAD	WARREN STREET	587	16.7	(BR) Recon/Reclaim Local	\$ 181,228
10262	GOURLEY ROAD	GEORGE STREET	DWYER CIRCLE	482	25.1	(SI) 2" Mill & Overlay Local	\$ 41,973
10263	GOURLEY ROAD	DWYER CIRCLE	SUMMER STREET	466	41.0	(SI) 2" Mill & Overlay Local	\$ 40,579
10398	GOVERNORS AVENUE	HIGH STREET	PORTER ROAD	432	30.0	(SI) 3" Mill & Overlay Art/Col	\$ 52,789
10402	GOVERNORS AVENUE	LAWRENCE ROAD	CEDAR ROAD	364	37.0	(SI) 3" Mill & Overlay Art/Col	\$ 44,480
10400	GOVERNORS AVENUE	HALL AVENUE	LAWRENCE ROAD	1166	41.8	(SI) 3" Mill & Overlay Art/Col	\$ 142,483
10399	GOVERNORS AVENUE	PORTER ROAD	HALL AVENUE	696	54.1	(PM) Pavement Patching	\$ 21,267
10403	GOVERNORS AVENUE	CEDAR ROAD	HIGH STREET	2047	78.8	(RM) Crack Seal	\$ 12,737
10401	GOVERNORS AVENUE	LAWRENCE ROAD	SOUTH BORDER ROAD	4141	97.5	Do Nothing	\$ -
10325	GRACE ROAD	PINE RIDGE ROAD	SALTONSTALL ROAD	772	24.3	(SI) 2" Mill & Overlay Local	\$ 67,226
10393	GRANDVIEW AVENUE	HILLSIDE AVENUE	HILLSIDE AVENUE	738	40.5	(SI) 2" Mill & Overlay Local	\$ 59,675
10565	GRANT AVENUE	SALEM STREET	FELLSWAY WEST	787	28.9	(SI) 2" Mill & Overlay Local	\$ 48,951
10564	GRANT AVENUE	WASHINGTON STREET	SALEM STREET	2385	68.1	(RM) Crack Seal	\$ 13,250
10089	GRANVILLE AVENUE	END	END	523	31.5	(SI) 2" Mill & Overlay Local	\$ 39,037
10640	GREENHALGE STREET	WALSH STREET	SAUNDERS STREET	512	21.2	(BR) Recon/Reclaim Local	\$ 158,072
10215	GREENLEAF AVENUE	WINTHROP STREET	BENHAM STREET	658	16.1	(BR) Recon/Reclaim Local	\$ 203,148
10216	GREENLEAF AVENUE	BENHAM STREET	HUME AVENUE	654	38.8	(SI) 2" Mill & Overlay Local	\$ 52,882
10324	GROVE STREET	GROVE STREET	GROVE STREET	662	40.1	(SI) 2" Mill & Overlay Local	\$ 45,294
10322	GROVE STREET	141 FT N OF SALTONSTALL ROAD	GROVE STREET	752	65.8	(RM) Crack Seal	\$ 4,596
10323	GROVE STREET	GROVE STREET	HIGH STREET	2302	92.5	Do Nothing	\$ -
10321	GROVE STREET	WEST HIGH STREET	141 FT N OF SALTONSTALL ROAD	2520	98.4	Do Nothing	\$ -
10611	GROVER ROAD	REGIS ROAD	END	691	22.9	(SI) 2" Mill & Overlay Local	\$ 34,384
10661	GUILD STREET	FOSS STREET	469 FT N OF FOSS STREET	484	45.0	(PM) Travel Lane 2" Mill & Overlay	\$ 23,232
10539	HADLEY PLACE	WASHINGTON STREET	SALEM STREET	562	48.1	(PM) Travel Lane 2" Mill & Overlay	\$ 40,464
10637	HAINES STREET	ELM STREET	GASTON STREET	734	20.1	(BR) Recon/Reclaim Local	\$ 209,180
10099	HALE AVENUE	MEDFORD STREET	BOW STREET	352	17.0	(BR) Recon/Reclaim Local	\$ 108,675
10486	HALL STREET	COMMERCIAL STREET	RIVERSIDE AVENUE	1344	21.1	(BR) Recon/Reclaim Local	\$ 383,022
10233	HAMILTON STREET	HAROLD STREET	NORTH STREET	664	66.1	(RM) Crack Seal	\$ 4,796
10503	HAMLIN AVENUE	SPRING STREET	END	539	33.9	(SI) 2" Mill & Overlay Local	\$ 43,584
10135	HANCOCK AVENUE	MAIN STREET	HANCOCK AVENUE	916	84.5	(RM) Crack Seal	\$ 10,687

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10131	HANCOCK STREET	MAIN STREET	MYSTIC AVENUE	1131	74.6	(RM) Crack Seal	\$ 9,425
10149	HAROLD STREET	CITY LIMIT	CAPEN STREET	328	52.6	(PM) Pavement Patching	\$ 11,389
10150	HARRIS ROAD	CAPEN STREET	BOSTON AVENUE	614	23.4	(BR) Recon/Reclaim Local	\$ 174,981
10310	HARVARD AVENUE	MYSTIC RIVER ROAD	HIGH STREET	2264	69.2	(RM) Crack Seal	\$ 16,980
10080	HARVARD STREET	BOSTON AVENUE	BENTON ROAD	879	53.3	(PM) Travel Lane 2" Mill & Overlay	\$ 52,740
10082	HARVARD STREET	WILLIS AVENUE	MYSTIC AVENUE	931	80.9	(RM) Crack Seal	\$ 7,758
10081	HARVARD STREET	BENTON ROAD	WILLIS AVENUE	1614	94.3	Do Nothing	\$ -
10655	HAWTHORN STREET	LINCOLN STREET	JEROME STREET	216	59.0	(PM) Pavement Patching	\$ 7,200
10467	HENLEY STREET	SECOND STREET	FIRST STREET	201	32.9	(SI) 2" Mill & Overlay Local	\$ 16,253
10106	HENRY STREET	MAIN STREET	MEACHAM STREET	578	25.5	(SI) 2" Mill & Overlay Local	\$ 53,927
10181	HICKS AVENUE	EAST ALBIOM STREET	SCHOOL DRIVE	475	31.3	(SI) 2" Mill & Overlay Local	\$ 48,749
10159	HICKS AVENUE	MAIN STREET	EAST ALBIOM STREET	439	40.5	(SI) 2" Mill & Overlay Local	\$ 45,055
10097	HIGGINS AVENUE	MEDFORD STREET	BOW STREET	348	69.8	(RM) Crack Seal	\$ 2,610
10316	HIGH STREET	WOBURN STREET	POWDER HOUSE ROAD	2291	45.6	(PM) Travel Lane 2" Mill & Overlay	\$ 168,159
10317	HIGH STREET	POWDER HOUSE ROAD	END OF DIVIDED	1851	58.6	(PM) Pavement Patching	\$ 88,437
10313	HIGH STREET	SHERMAN STREET	JOHNSON AVENUE	1583	69.7	(RM) Crack Seal	\$ 16,358
10312	HIGH STREET	ARLINGTON STREET	SHERMAN STREET	474	77.5	(RM) Crack Seal	\$ 4,367
10315	HIGH STREET	ALLSTON STREET	WOBURN STREET	1675	78.2	(RM) Crack Seal	\$ 17,481
10314	HIGH STREET	JOHNSON AVENUE	ALLSTON STREET	1609	87.0	(RM) Crack Seal	\$ 17,386
10318	HIGH STREET RAMP	MAIN STREET	HIGH STREET	120	69.2	(RM) Crack Seal	\$ 1,667
10319	HIGH STREET RAMP	HIGH STREET	HIGH STREET	311	80.9	(RM) Crack Seal	\$ 3,456
10242	HILLSDALE ROAD	CAPEN STREET	BOSTON AVENUE	517	11.5	(BR) Recon/Reclaim Local	\$ 171,894
10240	HILLSDALE ROAD	UPLAND ROAD	TESLA AVENUE	243	38.8	(SI) 2" Mill & Overlay Local	\$ 21,160
10241	HILLSDALE ROAD	TESLA AVENUE	CAPEN STREET	502	80.6	(RM) Crack Seal	\$ 3,904
10392	HILLSIDE AVENUE	HIGH STREET	END	579	35.1	(SI) 2" Mill & Overlay Local	\$ 46,818
10136	HINSDALE STREET	END	FREDERICK AVENUE	272	86.9	Do Nothing	\$ -
10354	HOBBS ROAD	END	MYSTIC STREET	224	30.1	(SI) 2" Mill & Overlay Local	\$ 20,899
10309	HOLTON STREET	SHARON STREET	BOWER STREET	1021	29.1	(SI) 2" Mill & Overlay Local	\$ 76,208
10521	HOOKER STREET	SHERIDAN AVENUE	SPRING STREET	508	45.9	(PM) Travel Lane 2" Mill & Overlay	\$ 26,416
10629	HORNE AVENUE	RALPH STREET	PALMER STREET	532	24.0	(SI) 2" Mill & Overlay Local	\$ 36,399
10609	HOWARD ROAD	WATERVALE ROAD	CEDAR ROAD	739	22.8	(BR) Recon/Reclaim Local	\$ 228,156
10258	HUME AVENUE	BURGET AVENUE	GEORGE STREET	1222	30.5	(SI) 2" Mill & Overlay Local	\$ 98,811
10554	HUNEWILL AVENUE	RIVERSIDE AVENUE	BRADSHAW STREET	937	57.4	(PM) Pavement Patching	\$ 31,233
10526	HURLCROFT AVENUE	LINWOOD STREET	WICKLOW AVENUE	652	32.6	(SI) 2" Mill & Overlay Local	\$ 68,942
10404	HUTCHINS ROAD	END	GOVERNORS AVENUE	1084	33.2	(SI) 2" Mill & Overlay Local	\$ 101,137
10350	IRVING STREET	PLAYSTEAD ROAD	ALLSTON STREET	1175	55.7	(PM) Pavement Patching	\$ 39,167
10328	JACKSON ROAD	SAGAMORE AVENUE	GROVE STREET	852	81.6	(RM) Crack Seal	\$ 6,390
10185	JAMES STREET	MYSTIC AVENUE	SWAN STREET	691	16.0	(BR) Recon/Reclaim Local	\$ 246,157
10290	JEROME STREET	HIGH STREET	HAWTHORN STREET	549	25.1	(SI) 2" Mill & Overlay Local	\$ 51,222
10292	JEROME STREET	FAIRFIELD STREET	ARLINGTON STREET	1641	28.3	(SI) 2" Mill & Overlay Local	\$ 153,105
10291	JEROME STREET	HAWTHORN STREET	FAIRFIELD STREET	488	39.2	(SI) 2" Mill & Overlay Local	\$ 45,530
10332	JOHNSON AVENUE	GROVE STREET	HIGH STREET	1149	22.6	(BR) Recon/Reclaim Local	\$ 368,381
10102	JOSEPH STREET	SANGER STREET	MEACHAM STREET	561	33.8	(SI) 2" Mill & Overlay Local	\$ 57,575
10384	KEITH ROAD	RAMSHEAD ROAD	LINCOLN ROAD	572	36.8	(SI) 2" Mill & Overlay Local	\$ 32,021
10577	KENMERE ROAD	LAWRENCE STREET	CENTRAL AVENUE	858	75.6	(RM) Crack Seal	\$ 6,197
10653	KENWAY STREET	ELIOT STREET	HANCOCK STREET	311	71.1	(RM) Crack Seal	\$ 2,333
10293	KILGORE AVENUE	MYSTIC VALLEY PARKWAY	HIGH STREET	789	18.9	(BR) Recon/Reclaim Local	\$ 243,592

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10105	KILSYTH ROAD	CITY LIMIT	BOW STREET	314	87.4	Do Nothing	\$ -
10213	KNOLLWOOD ROAD	HUME AVENUE	WOODBINE ROAD	423	22.8	(BR) Recon/Reclaim Local	\$ 135,618
10535	LAMBERT STREET	GRANT AVENUE	SALEM STREET	471	36.5	(SI) 2" Mill & Overlay Local	\$ 38,085
10534	LAMBERT STREET	CHERRY STREET	GRANT AVENUE	510	56.0	(PM) Pavement Patching	\$ 18,417
10552	LAPHAM STREET	RIVERSIDE AVENUE	CUSHING STREET	506	56.0	(PM) Pavement Patching	\$ 18,272
10566	LARKIN ROAD	FELLSWAY WEST	END	231	48.9	(PM) Travel Lane 2" Mill & Overlay	\$ 12,012
10386	LAWRENCE ROAD	WINTHROP STREET	FOREST STREET	4112	55.2	(PM) Pavement Patching	\$ 228,445
10516	LAWRENCE STREET	CHIPMAN STREET	PINKERT STREET	720	33.6	(SI) 2" Mill & Overlay Local	\$ 58,219
10517	LAWRENCE STREET	PINKERT STREET	MYRTLE STREET	405	43.1	(PM) Travel Lane 2" Mill & Overlay	\$ 21,060
10515	LAWRENCE STREET	SHERIDAN AVENUE	CHIPMAN STREET	951	51.0	(PM) Travel Lane 2" Mill & Overlay	\$ 49,452
10530	LEWIS STREET	FULTON STREET	COURT STREET	697	54.3	(PM) Pavement Patching	\$ 23,233
10176	LEYDEN AVENUE	END	LEYDEN STREET	198	29.1	(SI) 2" Mill & Overlay Local	\$ 16,626
10107	LEYDEN STREET	EDWARD STREET	END	620	26.8	(SI) 2" Mill & Overlay Local	\$ 50,133
10112	LIBERTY AVENUE	MAIN STREET	WILLIS AVENUE	403	23.7	(BR) Recon/Reclaim Local	\$ 124,420
10289	LINCOLN STREET	HAWTHORN STREET	HARVARD AVENUE	1249	55.4	(PM) Pavement Patching	\$ 45,103
10487	LINDEN STREET	END	RIVERSIDE AVENUE	829	94.8	Do Nothing	\$ -
10579	LINWOOD STREET	CENTRAL AVENUE	MALDEN STREET	433	23.7	(BR) Recon/Reclaim Local	\$ 123,400
10580	LINWOOD STREET	MALDEN STREET	EMERALD STREET	470	85.4	Do Nothing	\$ -
10488	LOCUST STREET	MYSTIC VALLEY PARKWAY	458 FT N OF MYSTIC VALLEY PARKWAY	444	71.2	(RM) Crack Seal	\$ 3,700
10489	LOCUST STREET	458 FT N OF MYSTIC VALLEY PARKWAY	RIVERSIDE AVENUE	1428	94.7	Do Nothing	\$ -
10559	LOGAN AVENUE	WASHINGTON STREET	CENTRAL AVENUE	1063	32.6	(SI) 2" Mill & Overlay Local	\$ 85,954
10597	LOOKOUT ROAD	END	VISTA AVENUE	373	34.9	(SI) 2" Mill & Overlay Local	\$ 27,841
10571	LOWELL COURT	END	CARNEY STREET	164	49.8	(PM) Travel Lane 2" Mill & Overlay	\$ 7,872
10606	LUND ROAD	WATERVALE ROAD	GROVER ROAD	712	16.6	(BR) Recon/Reclaim Local	\$ 279,002
10244	LYMAN AVENUE	COTTING STREET	WEST STREET	378	20.9	(BR) Recon/Reclaim Local	\$ 116,702
10243	LYMAN AVENUE	END	COTTING STREET	954	96.7	Do Nothing	\$ -
10348	MADISON STREET	PLAYSTEAD ROAD	BROOKS STREET	1090	34.8	(SI) 2" Mill & Overlay Local	\$ 88,137
10507	MAGOUN AVENUE	PARK STREET	PEMBROKE STREET	812	30.6	(SI) 2" Mill & Overlay Local	\$ 83,335
10508	MAGOUN AVENUE	PEMBROKE STREET	SPRING STREET	1079	49.0	(PM) Travel Lane 2" Mill & Overlay	\$ 71,214
10167	MAIN STREET	HICKS AVENUE	MEDFORD STREET	728	26.5	(SI) 3" Mill & Overlay Art/Col	\$ 151,636
10171	MAIN STREET	STANLEY AVENUE	BROOKS PARK	782	34.8	(SI) 3" Mill & Overlay Art/Col	\$ 156,369
10169	MAIN STREET	PRINCETON STREET	WINDSOR ROAD	859	35.2	(SI) 3" Mill & Overlay Art/Col	\$ 171,766
10165	MAIN STREET	CITY LIMIT	SMITH STREET	1214	39.1	(SI) 3" Mill & Overlay Art/Col	\$ 242,751
10278	MAIN STREET	MYSTIC VALLEY PARKWAY	MAIN STREET	451	40.8	(SI) 3" Mill & Overlay Art/Col	\$ 90,182
10170	MAIN STREET	WINDSOR ROAD	STANLEY AVENUE	435	45.5	(PM) Travel Lane 2" Mill & Overlay	\$ 31,320
10166	MAIN STREET	SMITH STREET	HICKS AVENUE	599	51.9	(PM) Travel Lane 2" Mill & Overlay	\$ 43,128
10168	MAIN STREET	MEDFORD STREET	PRINCETON STREET	1500	54.3	(PM) Travel Lane 2" Mill & Overlay	\$ 108,000
10172	MAIN STREET	BROOKS PARK	THOMAS STREET	993	56.5	(PM) Pavement Patching	\$ 49,650
10173	MAIN STREET	THOMAS STREET	MYSTIC AVENUE	339	71.6	(RM) Crack Seal	\$ 3,390
10174	MAIN STREET	MYSTIC VALLEY PARKWAY	FOREST STREET	704	88.4	Do Nothing	\$ -
10277	MAIN STREET	HIGH STREET RAMP	MYSTIC VALLEY PARKWAY	683	91.9	Do Nothing	\$ -
10525	MALDEN STREET	LINWOOD STREET	CITY LIMIT	791	30.8	(SI) 2" Mill & Overlay Local	\$ 63,960
10658	MAMMOLA WAY	EARL AVE	END	790	26.4	(SI) 2" Mill & Overlay Local	\$ 73,707
10269	MANNING STREET	SUMMER STREET	SOUTH STREET	766	28.6	(SI) 2" Mill & Overlay Local	\$ 61,939
10267	MAPLE AVENUE	SUMMER STREET	SOUTH STREET	730	35.5	(SI) 2" Mill & Overlay Local	\$ 49,946
10495	MARINE STREET	SHIP AVENUE	RIVERSIDE AVENUE	206	29.9	(SI) 2" Mill & Overlay Local	\$ 16,657
10086	MARION STREET	WINCHESTER STREET	MAIN STREET	1300	93.1	Do Nothing	\$ -

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10206	MARSHALL STREET	LYMAN AVENUE	WINTHROP STREET	305	22.3	(BR) Recon/Reclaim Local	\$ 94,164
10205	MARSHALL STREET	NORTH STREET	MASON STREET	1119	35.0	(SI) 2" Mill & Overlay Local	\$ 90,482
10261	MARSTON STREET	GEORGE STREET	SUMMER STREET	946	34.1	(SI) 2" Mill & Overlay Local	\$ 88,262
10200	MARTIN STREET	END	WINTHROP STREET	665	91.8	Do Nothing	\$ -
10246	MASON STREET	MARSHALL STREET	MARTIN STREET	364	30.4	(SI) 2" Mill & Overlay Local	\$ 29,433
10621	MAURICE STREET	BLOMERTH STREET	EAST BORDER ROAD	1492	30.8	(SI) 2" Mill & Overlay Local	\$ 111,363
10494	MAVERICK STREET	SHIP AVENUE	RIVERSIDE AVENUE	229	18.3	(BR) Recon/Reclaim Local	\$ 67,981
10087	MAYBERRY AVENUE	MAIN STREET	WILLIS AVENUE	675	62.0	(RM) Crack Seal	\$ 4,875
10533	MAYNARD STREET	ALMONT STREET	CHERRY STREET	378	38.6	(SI) 2" Mill & Overlay Local	\$ 30,565
10660	MCCORMACK AVENUE	422 FT S OF LILA AVENUE	LILA AVENUE	438	16.5	(BR) Recon/Reclaim Local	\$ 135,226
10615	MCCORMACK AVENUE	LILA AVENUE	WINSLOW AVENUE	632	25.7	(SI) 2" Mill & Overlay Local	\$ 51,104
10465	MCDONALD ROAD	FELLSWAY	RIVERSIDE AVENUE	420	19.9	(BR) Recon/Reclaim Local	\$ 99,745
10177	MEACHAM STREET	CITY LIMIT	JOSEPH STREET	54	57.0	(PM) Pavement Patching	\$ 1,950
10156	MEDFORD STREET	CITY LIMIT	MAIN STREET	1871	58.1	(PM) Pavement Patching	\$ 109,142
10175	MEDFORD STREET RAMP	MEDFORD STREET	BROADWAY	64	99.6	Do Nothing	\$ -
10197	METCALF STREET	WALNUT STREET	WALNUT STREET	687	26.7	(SI) 2" Mill & Overlay Local	\$ 51,278
10614	MITCHELL AVENUE	TRAINER AVENUE	590 FT N OF TRAINER AVENUE	603	39.2	(PM) Travel Lane 2" Mill & Overlay	\$ 26,532
10383	MONMOUTH AVENUE	WYMAN STREET	EXETER STREET	774	32.5	(SI) 2" Mill & Overlay Local	\$ 57,771
10299	MONUMENT STREET	HARVARD AVENUE	HOLTON STREET	544	20.1	(BR) Recon/Reclaim Local	\$ 155,033
10300	MONUMENT STREET	HOLTON STREET	ARLINGTON STREET	513	35.5	(SI) 2" Mill & Overlay Local	\$ 38,290
10298	MONUMENT STREET	HIGH STREET	HARVARD AVENUE	1167	49.1	(PM) Travel Lane 2" Mill & Overlay	\$ 56,016
10090	MORGAN AVENUE	END	MEDFORD STREET	1331	27.0	(SI) 2" Mill & Overlay Local	\$ 115,904
10634	MORGAN AVENUE	GASTON STREET	BENMOR STREET	709	30.1	(SI) 2" Mill & Overlay Local	\$ 72,765
10602	MURRAY HILL ROAD	FELLS AVENUE	CITY LIMIT	483	23.4	(BR) Recon/Reclaim Collector	\$ 154,520
10514	MYRTLE STREET	PINKERT STREET	ACCESS ROAD	1631	55.6	(PM) Pavement Patching	\$ 69,469
10513	MYRTLE STREET	SPRING STREET	PINKERT STREET	1225	89.0	Do Nothing	\$ -
10271	MYSTIC AVENUE	ACCESS ROAD	MYSTIC VALLEY PARKWAY	2045	37.2	(SI) 3" Mill & Overlay Art/Col	\$ 452,460
10279	MYSTIC AVENUE	MAIN STREET	MYSTIC AVENUE	153	73.5	(RM) Crack Seal	\$ 935
10280	MYSTIC AVENUE RAMP	MAIN STREET	MYSTIC AVENUE	126	70.4	(RM) Crack Seal	\$ 1,260
10375	MYSTIC STREET	MYSTIC VALLEY PARKWAY	WOBURN STREET	2415	41.8	(SI) 2" Mill & Overlay Local	\$ 187,766
10490	MYSTIC VALLEY PARKWAY	END	LOCUST STREET	474	93.7	Do Nothing	\$ -
10612	NATHANIEL ROAD	CEDAR ROAD	TAMAR DRIVE	692	17.8	(BR) Recon/Reclaim Local	\$ 246,514
10092	NEWBERN AVENUE	END	MEDFORD STREET	718	22.6	(BR) Recon/Reclaim Local	\$ 238,724
10091	NEWBERN AVENUE	END	MEDFORD STREET	529	29.6	(SI) 2" Mill & Overlay Local	\$ 46,065
10540	NEWCOMB STREET	WASHINGTON STREET	FRANKLIN STREET	313	50.6	(PM) Travel Lane 2" Mill & Overlay	\$ 10,642
10329	NEWTON ROAD	WOODLAND ROAD	GROVE STREET	479	29.3	(SI) 2" Mill & Overlay Local	\$ 40,222
10236	NORTH STREET	PIGGOTT ROAD	COTTING STREET	1007	24.1	(BR) Recon/Reclaim Collector	\$ 438,132
10235	NORTH STREET	HAMILTON STREET	PIGGOTT ROAD	935	82.1	(RM) Crack Seal	\$ 8,831
10199	NORTON AVENUE	NORTH STREET	LYMAN AVENUE	475	24.6	(SI) 2" Mill & Overlay Local	\$ 23,636
10656	OAK RIDGE ROAD	MYSTIC VALLEY PARKWAY	SAGAMORE AVENUE	154	39.6	(SI) 2" Mill & Overlay Local	\$ 13,410
10608	OAK ROAD	HICKORY AVENUE	WATERVALE ROAD	387	19.0	(BR) Recon/Reclaim Local	\$ 119,481
10439	OAKLAND STREET	SALEM STREET	WATER STREET	1025	21.5	(BR) Recon/Reclaim Local	\$ 316,454
10453	OAKLAND STREET	CITY HALL MALL	OAKLAND STREET	9	94.9	Do Nothing	\$ -
10214	ORCHARD STREET	MARSHALL STREET	WINTHROP STREET	1485	92.8	Do Nothing	\$ -
10337	OSBORNE ROAD	WOBURN STREET	WINTHROP STREET	630	23.6	(BR) Recon/Reclaim Local	\$ 246,870
10231	OSGOOD STREET	NORTH STREET	HILLSDALE ROAD	720	69.1	(RM) Crack Seal	\$ 5,000
10557	OTIS STREET	WASHINGTON STREET	SALEM STREET	1942	20.1	(BR) Recon/Reclaim Local	\$ 691,805

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10625	PALMER STREET	CLEMATIS ROAD	PARK AVENUE	760	13.3	(BR) Recon/Reclaim Local	\$ 216,590
10556	PARIS STREET	SALEM STREET	FELLSWAY WEST	1396	86.3	Do Nothing	\$ -
10631	PARK AVENUE	RALPH STREET	PALMER STREET	500	31.2	(SI) 2" Mill & Overlay Local	\$ 37,320
10630	PARK AVENUE	FULTON STREET	RALPH STREET	532	57.2	(PM) Pavement Patching	\$ 17,733
10548	PARK STREET	RIVERSIDE AVENUE	SALEM STREET	2358	29.9	(SI) 3" Mill & Overlay Art/Col	\$ 340,532
10549	PARK STREET	SALEM STREET	FELLSWAY WEST	1604	57.6	(PM) Pavement Patching	\$ 57,922
10134	PEARL STREET	COLLEGE AVENUE	MAIN STREET	772	90.3	Do Nothing	\$ -
10551	PEMBROKE STREET	RIVERSIDE AVENUE	END	1060	77.2	(RM) Crack Seal	\$ 7,656
10217	PIGGOTT ROAD	NORTH STREET	BOSTON AVENUE	964	24.8	(SI) 2" Mill & Overlay Local	\$ 77,949
10390	PILGRIM ROAD	POWDER HOUSE ROAD	END	528	36.8	(SI) 2" Mill & Overlay Local	\$ 42,694
10576	PINKERT STREET	MYRTLE STREET	CENTRAL AVENUE	1128	22.4	(BR) Recon/Reclaim Local	\$ 348,254
10151	PINKHAM ROAD	CAPEN STREET	BOSTON AVENUE	577	58.4	(PM) Pavement Patching	\$ 20,836
10297	PITCHER AVENUE	LAKEVIEW	HIGH STREET	1145	23.3	(BR) Recon/Reclaim Local	\$ 353,502
10359	PLAYSTEAD ROAD	WINTHROP STREET	165 FT S OF WOBURN STREET	1151	33.4	(SI) 3" Mill & Overlay Art/Col	\$ 268,513
10358	PLAYSTEAD ROAD	207 FT N OF DIANNE ROAD	WINTHROP STREET	1515	36.5	(SI) 3" Mill & Overlay Art/Col	\$ 328,184
10362	PLAYSTEAD ROAD	ROBERTS ROAD	PLAYSTEAD ROAD	91	38.3	(SI) 3" Mill & Overlay Art/Col	\$ 21,229
10360	PLAYSTEAD ROAD	165 FT S OF WOBURN STREET	ROBERTS ROAD	724	49.3	(PM) Travel Lane 2" Mill & Overlay	\$ 60,816
10357	PLAYSTEAD ROAD	CLEWLEY ROAD	207 FT N OF DIANNE ROAD	849	89.8	Do Nothing	\$ -
10361	PLAYSTEAD ROAD	ROBERTS ROAD	PLAYSTEAD ROAD	619	96.6	Do Nothing	\$ -
10356	PLAYSTEAD ROAD	HIGH STREET	CLEWLEY ROAD	1937	96.7	Do Nothing	\$ -
10498	PLEASANT STREET	RIVERSIDE AVENUE	PARK STREET	1052	24.0	(BR) Recon/Reclaim Local	\$ 324,790
10574	POOLE STREET	LAWRENCE STREET	CENTRAL AVENUE	875	7.5	(BR) Recon/Reclaim Local	\$ 270,144
10430	PORTER ROAD	GOVERNORS AVENUE	BRADLEE ROAD	267	15.8	(BR) Recon/Reclaim Local	\$ 82,432
10389	POWDER HOUSE ROAD	HIGH STREET	POWDER HOUSE TERRACE	1020	39.6	(SI) 2" Mill & Overlay Local	\$ 69,788
10367	PRESCOTT STREET	CANAL STREET	MYSTIC STREET	1139	32.5	(SI) 2" Mill & Overlay Local	\$ 63,761
10119	PRINCETON STREET	DARTMOUTH STREET	MAIN STREET	410	40.3	(SI) 2" Mill & Overlay Local	\$ 33,152
10118	PRINCETON STREET	COLBY STREET	DARTMOUTH STREET	1164	65.7	(RM) Crack Seal	\$ 8,407
10238	QUINCY STREET	CITY LIMIT	BOSTON AVENUE	1419	23.5	(BR) Recon/Reclaim Local	\$ 454,946
10143	RADCLIFFE STREET	YALE STREET	BOWDOIN STREET	455	35.3	(SI) 2" Mill & Overlay Local	\$ 36,791
10626	RALPH STREET	BELLE AVENUE	PARK AVENUE	533	19.9	(BR) Recon/Reclaim Local	\$ 151,898
10327	RAVINE ROAD	MYSTIC VALLEY PARKWAY	GROVE STREET	1254	28.2	(SI) 2" Mill & Overlay Local	\$ 101,399
10137	RENFREW STREET	BUZZELL LANE	WINDSOR ROAD	320	72.8	(RM) Crack Seal	\$ 2,133
10545	REVERE PLACE	END	SALEM STREET	347	55.1	(PM) Pavement Patching	\$ 11,567
10443	RING ROAD	RIVERSIDE AVENUE	SALEM STREET	819	44.7	(SI) 3" Mill & Overlay Art/Col	\$ 145,571
10417	RIPLEY ROAD	WESTVALE ROAD	WESTVALE ROAD	838	68.1	(RM) Crack Seal	\$ 7,914
10435	RIVER STREET	RIVERSIDE AVENUE	SALEM STREET	272	52.4	(PM) Travel Lane 2" Mill & Overlay	\$ 17,408
10458	RIVERS EDGE DRIVE	START OF DIVIDED	1426 FT N OF START OF DIVIDED	1427	55.1	(PM) Pavement Patching	\$ 51,531
10460	RIVERS EDGE DRIVE	2195 FT S OF MEDFORD ST	RIVERS EDGE DRIVE	1433	56.7	(PM) Pavement Patching	\$ 70,987
10459	RIVERS EDGE DRIVE	1426 FT N OF START OF DIVIDED	2195 FT S OF MEDFORD ST	962	64.7	(PM) Pavement Patching	\$ 34,739
10457	RIVERS EDGE DRIVE	CORPORATION WAY	START OF DIVIDED	1179	68.9	(RM) Crack Seal	\$ 8,515
10275	RIVERSIDE AVENUE	COMMERCIAL STREET	MIDDLESEX AVENUE	2335	24.4	(SI) 2" Mill & Overlay Local	\$ 225,117
10273	RIVERSIDE AVENUE	RING ROAD	ROSS STREET	4273	34.0	(SI) 2" Mill & Overlay Local	\$ 411,960
10274	RIVERSIDE AVENUE	ROSS STREET	COMMERCIAL STREET	1110	50.7	(PM) Travel Lane 2" Mill & Overlay	\$ 68,820
10272	RIVERSIDE AVENUE	FOREST STREET	RING ROAD	1065	86.2	Do Nothing	\$ -
10339	ROBERTS ROAD	CITY LIMIT	PLAYSTEAD ROAD	1386	40.1	(SI) 2" Mill & Overlay Local	\$ 137,935
10600	ROCK GLEN CIRCLE	END	ROCK GLEN ROAD	139	44.8	(PM) Travel Lane 2" Mill & Overlay	\$ 6,672
10599	ROCK GLEN ROAD	CITY LIMIT	FELLS AVENUE	1009	35.0	(SI) 2" Mill & Overlay Local	\$ 81,588

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10492	ROCKWELL AVENUE	END	RIVERSIDE AVENUE	683	18.1	(BR) Recon/Reclaim Local	\$ 194,646
10532	ROCKWOOD TERRACE	FULTON STREET	END	339	25.6	(SI) 2" Mill & Overlay Local	\$ 25,303
10418	ROOSEVELT ROAD	FOREST STREET	FOREST STREET	1447	75.3	(RM) Crack Seal	\$ 13,666
10659	ROSINA STREET	MAMMOLA WAY	219 FT N OF MAMMOLA WAY	208	47.0	(PM) Travel Lane 2" Mill & Overlay	\$ 10,816
10502	ROSS STREET	SPRING STREET	RIVERSIDE AVENUE	855	30.0	(SI) 2" Mill & Overlay Local	\$ 87,749
10203	ROYALL STREET	COLLEGE AVENUE	MAIN STREET	697	35.9	(SI) 2" Mill & Overlay Local	\$ 69,365
10645	RUSSELL STREET	FOSS STREET	ANDREWS STREET	666	33.6	(SI) 2" Mill & Overlay Local	\$ 28,998
10301	SAGAMORE AVENUE	OAK RIDGE ROAD	END OF DIVIDED	2179	38.5	(SI) 2" Mill & Overlay Local	\$ 162,641
10334	SAGAMORE PARK	START OF DIVIDED	SAGAMORE AVENUE	126	79.0	(RM) Crack Seal	\$ 840
10331	SAGAMORE PARK	SAGAMORE AVENUE	GROVE STREET	608	89.7	Do Nothing	\$ -
10450	SALEM STREET	FELLSWAY WEST	CITY LIMIT	394	31.1	(SI) 3" Mill & Overlay Art/Col	\$ 52,523
10451	SALEM STREET	CROSS STREET	SALEM STREET CIRCLE	468	36.3	(SI) 3" Mill & Overlay Art/Col	\$ 62,388
10452	SALEM STREET	SALEM STREET CIRCLE	CITY HALL MALL	564	44.1	(SI) 3" Mill & Overlay Art/Col	\$ 75,185
10446	SALEM STREET	SALEM STREET CIRCLE	CROSS STREET	337	46.8	(PM) Travel Lane 2" Mill & Overlay	\$ 16,176
10448	SALEM STREET	CROSS STREET	LAMBERT STREET	3173	47.7	(PM) Travel Lane 2" Mill & Overlay	\$ 152,304
10445	SALEM STREET	CITY HALL MALL	SALEM STREET CIRCLE	538	71.3	(RM) Crack Seal	\$ 3,587
10449	SALEM STREET	LAMBERT STREET	FELLSWAY WEST	541	83.6	(RM) Crack Seal	\$ 3,607
10454	SALEM STREET	OAKLAND STREET	MAIN STREET	882	93.6	Do Nothing	\$ -
10456	SALEM STREET	SALEM STREET	SALEM STREET	27	99.6	Do Nothing	\$ -
10455	SALEM STREET RAMP	SALEM STREET	OAKLAND STREET	53	43.0	(SI) 3" Mill & Overlay Art/Col	\$ 14,719
10326	SALTONSTALL ROAD	GRACE ROAD	GROVE STREET	140	38.0	(SI) 2" Mill & Overlay Local	\$ 12,191
10406	SAMSON ROAD	HUTCHINS ROAD	GOVERNORS AVENUE	743	38.3	(SI) 2" Mill & Overlay Local	\$ 69,322
10108	SANGER STREET	EDWARD STREET	END	511	32.0	(SI) 2" Mill & Overlay Local	\$ 41,319
10644	SAUNDERS STREET	FOSS STREET	WALSH STREET	1617	33.8	(SI) 2" Mill & Overlay Local	\$ 125,722
10379	SCHOOLHOUSE ROAD	END	HIGH STREET	327	39.6	(PM) Travel Lane 2" Mill & Overlay	\$ 17,004
10641	SCOTT STREET	SAUNDERS STREET	END	219	67.3	(RM) Crack Seal	\$ 1,460
10473	SECOND STREET	HENLEY STREET	BRADBURY AVENUE	760	14.6	(BR) Recon/Reclaim Local	\$ 216,590
10475	SECOND STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	625	16.8	(BR) Recon/Reclaim Local	\$ 178,117
10474	SECOND STREET	BRADBURY AVENUE	MIDDLESEX AVENUE	564	29.7	(SI) 2" Mill & Overlay Local	\$ 42,097
10472	SECOND STREET	SYDNEY STREET	HENLEY STREET	445	30.4	(SI) 2" Mill & Overlay Local	\$ 33,215
10483	SEVENTH STREET	MIDDLESEX AVENUE	END	615	21.9	(BR) Recon/Reclaim Local	\$ 189,873
10100	SHAPLEY AVENUE	MEDFORD STREET	BOW STREET	357	32.4	(SI) 2" Mill & Overlay Local	\$ 29,977
10295	SHARON STREET	HIGH STREET	FAIRFIELD STREET	787	23.2	(BR) Recon/Reclaim Local	\$ 252,320
10296	SHARON STREET	FAIRFIELD STREET	ARLINGTON STREET	1681	23.9	(BR) Recon/Reclaim Local	\$ 538,945
10563	SHERIDAN AVENUE	WASHINGTON STREET	FELLSWAY WEST	3086	28.9	(SI) 2" Mill & Overlay Local	\$ 230,339
10505	SHERMAN COURT	SPRING STREET	END	467	55.7	(PM) Pavement Patching	\$ 16,864
10504	SHERMAN PLACE	SPRING STREET	END	506	48.8	(PM) Travel Lane 2" Mill & Overlay	\$ 24,288
10294	SHERMAN STREET	HIGH STREET	JEROME STREET	717	46.6	(PM) Travel Lane 2" Mill & Overlay	\$ 37,284
10411	SHERWOOD ROAD	LEE STREET	END	449	29.1	(SI) 2" Mill & Overlay Local	\$ 33,513
10410	SHERWOOD ROAD	MASSACHUSETTS AVENUE	LEE STREET	822	44.1	(PM) Travel Lane 2" Mill & Overlay	\$ 39,456
10409	SHERWOOD ROAD	GOVERNORS AVENUE	MASSACHUSETTS AVENUE	523	72.5	(RM) Crack Seal	\$ 3,487
10493	SHIP AVENUE	END	MAVERICK STREET	1114	27.7	(SI) 2" Mill & Overlay Local	\$ 83,149
10482	SIXTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	882	98.7	Do Nothing	\$ -
10109	SMITH STREET	MAIN STREET	EDWARD STREET	354	29.7	(SI) 2" Mill & Overlay Local	\$ 28,625
10413	SOUTH BORDER ROAD	SOUTH BORDER ROAD	END	405	100.0	Do Nothing	\$ -
10189	SOUTH STREET	WALNUT STREET	MYSTIC VALLEY PARKWAY	425	31.2	(SI) 3" Mill & Overlay Art/Col	\$ 70,819
10188	SOUTH STREET	WINTHROP STREET	WALNUT STREET	1510	52.6	(PM) Travel Lane 2" Mill & Overlay	\$ 90,852

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10249	SPENCER ROAD	CHESTER AVENUE	GEORGE STREET	306	23.4	(BR) Recon/Reclaim Local	\$ 87,206
10567	SPRING STREET	RIVERSIDE AVENUE	END OF DIVIDED	4228	74.8	(RM) Crack Seal	\$ 30,536
10568	SPRING STREET EXT	LAMBERT STREET	FELLSWAY WEST	393	52.7	(PM) Pavement Patching	\$ 14,192
10592	ST. CLARE ROAD	ST. FRANCIS STREET	FULTON STREET	589	40.8	(SI) 2" Mill & Overlay Local	\$ 47,627
10148	ST. CLEMENTS ROAD	WARNER STREET	BOSTON AVENUE	635	26.2	(SI) 2" Mill & Overlay Local	\$ 55,296
10591	ST. FRANCIS STREET	FELLSWAY WEST	FULTON STREET	690	19.6	(BR) Recon/Reclaim Local	\$ 213,027
10481	ST. JAMES ROAD	MASSACHUSETTS ROUTE 28	RIVERSIDE AVENUE	538	25.6	(SI) 2" Mill & Overlay Local	\$ 51,869
10480	ST. JAMES ROAD	FOURTH STREET	MASSACHUSETTS ROUTE 28	387	49.0	(PM) Travel Lane 2" Mill & Overlay	\$ 23,994
10582	ST. MARY STREET	FELLSWAY WEST	CITY LIMIT	182	10.2	(BR) Recon/Reclaim Local	\$ 73,480
10132	STANLEY AVENUE	COLLEGE AVENUE	MAIN STREET	1084	56.8	(PM) Pavement Patching	\$ 40,650
10133	STEARNS AVENUE	COLLEGE AVENUE	MAIN STREET	884	54.7	(PM) Pavement Patching	\$ 31,922
10138	STERLING STREET	BUZZELL LANE	WINDSOR ROAD	278	77.0	(RM) Crack Seal	\$ 2,008
10405	STICKNEY ROAD	HUTCHINS ROAD	SAMSON ROAD	405	37.1	(SI) 2" Mill & Overlay Local	\$ 27,710
10234	STOUGHTON STREET	END	BOSTON AVENUE	360	51.9	(PM) Pavement Patching	\$ 13,000
10103	STRATHMORE ROAD	CITY LIMIT	BOW STREET	317	79.2	(RM) Crack Seal	\$ 2,466
10636	STURGES STREET	ELM STREET	HIGHLAND AVENUE	1774	24.0	(SI) 2" Mill & Overlay Local	\$ 143,446
10355	SUFFOLK STREET	WOBURN STREET	WINTHROP STREET	1007	32.2	(SI) 2" Mill & Overlay Local	\$ 81,426
10196	SUMMER STREET	WINTHROP STREET	MAIN STREET	2347	64.3	(RM) Crack Seal	\$ 15,647
10394	SUMMIT ROAD	END	LAWRENCE ROAD	1471	43.0	(PM) Travel Lane 2" Mill & Overlay	\$ 76,492
10179	SUMNER AVENUE	HICKS AVENUE	LIBERTY AVENUE	328	19.6	(BR) Recon/Reclaim Local	\$ 101,266
10219	SUNSET AVENUE	HUME AVENUE	END	407	53.3	(PM) Pavement Patching	\$ 14,697
10581	SURREY STREET	MALDEN STREET	FELLSWAY WEST	1305	46.6	(PM) Travel Lane 2" Mill & Overlay	\$ 88,740
10186	SWAN STREET	MYSTIC AVENUE	JAMES STREET	913	18.8	(BR) Recon/Reclaim Local	\$ 260,193
10466	SYDNEY STREET	FOURTH STREET	END	1090	25.5	(SI) 2" Mill & Overlay Local	\$ 88,137
10184	SYLVIA ROAD	MAIN STREET	END	476	73.5	(RM) Crack Seal	\$ 3,438
10529	TAINTER STREET	FULTON STREET	PARIS STREET	1197	33.4	(SI) 2" Mill & Overlay Local	\$ 100,512
10613	TAMAR DRIVE	CEDAR ROAD	WINSLOW AVENUE	1417	16.8	(BR) Recon/Reclaim Local	\$ 504,782
10245	TAYLOR STREET	MARSHALL STREET	MARTIN STREET	338	19.1	(BR) Recon/Reclaim Local	\$ 104,352
10307	TEMPLE STREET	BOSTON AVENUE	BOWER STREET	355	22.2	(BR) Recon/Reclaim Local	\$ 75,878
10395	TERRACE ROAD	GOVERNORS AVENUE	LAWRENCE ROAD	1627	44.9	(PM) Travel Lane 2" Mill & Overlay	\$ 84,604
10232	TESLA AVENUE	HILLSDALE ROAD	WINTHROP STREET	701	24.4	(SI) 2" Mill & Overlay Local	\$ 56,683
10499	THATCHER STREET	PARK STREET	MAGOUN AVENUE	757	42.1	(PM) Travel Lane 2" Mill & Overlay	\$ 39,364
10476	THIRD STREET	FELLSWAY	CRADOCK AVENUE	2140	30.8	(SI) 2" Mill & Overlay Local	\$ 173,040
10198	THOMAS STREET	WALNUT STREET	MAIN STREET	800	58.2	(PM) Pavement Patching	\$ 28,889
10306	TONTINE STREET	BOSTON AVENUE	BOWER STREET	351	24.1	(SI) 2" Mill & Overlay Local	\$ 19,649
10268	TOURO AVENUE	SUMMER STREET	SOUTH STREET	738	25.2	(SI) 2" Mill & Overlay Local	\$ 59,675
10387	TRAINCROFT	RURAL AVENUE	POWDER HOUSE ROAD	960	44.1	(PM) Travel Lane 2" Mill & Overlay	\$ 46,080
10388	TRAINCROFT N.W.	START OF DIVIDED	TRAINCROFT	648	35.3	(SI) 2" Mill & Overlay Local	\$ 48,367
10141	TROUT AVENUE	BILLINGS AVENUE	ELIOT STREET	384	92.5	Do Nothing	\$ -
10619	TUCKER STREET	HIGHLAND AVENUE	END	302	18.8	(BR) Recon/Reclaim Local	\$ 78,894
10528	TUFTS STREET	FOUNTAIN STREET	FOUNTAIN STREET	558	31.5	(SI) 2" Mill & Overlay Local	\$ 27,766
10429	TURRELL ROAD	GOVERNORS AVENUE	BRADLEE ROAD	329	23.7	(BR) Recon/Reclaim Local	\$ 93,760
10336	TYLER AVENUE	GROVE STREET	JOHNSON AVENUE	1064	21.3	(BR) Recon/Reclaim Local	\$ 379,033
10187	UNION STREET	MYSTIC AVENUE	END	487	29.4	(SI) 2" Mill & Overlay Local	\$ 54,525
10407	UPTON TERRACE	END	BREWSTER ROAD	175	12.0	(BR) Recon/Reclaim Local	\$ 49,873
10349	USHER ROAD	PLAYSTEAD ROAD	WARREN STREET	518	15.6	(BR) Recon/Reclaim Local	\$ 172,227
10598	VALLEY ROAD	END	VISTA AVENUE	353	40.2	(PM) Travel Lane 2" Mill & Overlay	\$ 16,944

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10420	VALLEY STREET	FOREST STREET	RAMP - ROOSEVELT CIR TO VALLEY ST	737	92.2	Do Nothing	\$ -
10140	VASSAR STREET	WELLESLEY STREET	BUZZELL LANE	285	72.2	(RM) Crack Seal	\$ 1,900
10351	VERNON STREET	BROOKS STREET	MYSTIC STREET	947	28.6	(SI) 2" Mill & Overlay Local	\$ 70,684
10620	VICTOR STREET	HIGHLAND AVENUE	CITY LIMIT	378	13.2	(BR) Recon/Reclaim Local	\$ 107,725
10541	VINE STREET	FRANKLIN STREET	SALEM STREET	636	39.3	(SI) 2" Mill & Overlay Local	\$ 35,603
10594	VISTA AVENUE	FERN ROAD	FELLS AVENUE	177	34.4	(SI) 2" Mill & Overlay Local	\$ 9,908
10333	W SAGAMORE PARK	SAGAMORE PARK	SAGAMORE PARK	183	92.0	Do Nothing	\$ -
10237	WALKING COURT	WALKING COURT	AUBURN STREET	216	23.2	(BR) Recon/Reclaim Collector	\$ 71,866
10270	WALNUT STREET	SUMMER STREET	SOUTH STREET	856	81.4	(RM) Crack Seal	\$ 5,231
10422	WALTER STREET	WOODROW AVENUE	CITY LIMIT	479	39.4	(SI) 2" Mill & Overlay Local	\$ 38,732
10083	WAREHAM STREET	WINCHESTER STREET	MAIN STREET	1360	32.9	(SI) 2" Mill & Overlay Local	\$ 109,970
10079	WARNER STREET	CITY LIMIT	BOSTON AVENUE	359	90.3	Do Nothing	\$ -
10365	WARREN STREET	HIGH STREET	CENTURY STREET	2219	19.5	(BR) Recon/Reclaim Local	\$ 526,988
10512	WASHINGTON STREET	CROSS STREET	SPRING STREET	3017	47.8	(PM) Travel Lane 2" Mill & Overlay	\$ 199,122
10635	WASON STREET	FULTON STREET	HIGHLAND AVENUE	706	15.9	(BR) Recon/Reclaim Local	\$ 134,134
10426	WATER STREET	FOREST STREET	EXIT RAMP	945	92.4	Do Nothing	\$ -
10605	WATERVALE ROAD	FERN ROAD	FELLS AVENUE	1326	27.6	(SI) 2" Mill & Overlay Local	\$ 107,220
10425	WEBSTER STREET	BROOKSIDE PARKWAY	FULTON STREET	678	62.3	(PM) Pavement Patching	\$ 24,483
10424	WEBSTER STREET	FOREST STREET	BROOKSIDE PARKWAY	814	75.6	(RM) Crack Seal	\$ 5,879
10260	WEDGEMERE ROAD	END	GEORGE STREET	373	15.6	(BR) Recon/Reclaim Local	\$ 115,159
10123	WELLESLEY STREET	DARTMOUTH STREET	MAIN STREET	398	50.6	(PM) Travel Lane 2" Mill & Overlay	\$ 9,552
10461	WELLINGTON ROAD	FELLSWAY	RIVERSIDE AVENUE	878	23.3	(BR) Recon/Reclaim Local	\$ 271,069
10320	WEST HIGH STREET	HIGH STREET	GROVE STREET	390	85.5	Do Nothing	\$ -
10194	WEST STREET	COTTING STREET	WINTHROP STREET	1565	36.9	(SI) 3" Mill & Overlay Art/Col	\$ 286,859
10412	WESTWOOD ROAD	MASSACHUSETTS AVENUE	SOUTH BORDER ROAD	789	43.1	(PM) Travel Lane 2" Mill & Overlay	\$ 63,120
10098	WHEELER AVENUE	MEDFORD STREET	BOW STREET	353	72.9	(RM) Crack Seal	\$ 2,353
10345	WHEELWRIGHT ROAD	PLAYSTEAD ROAD	WARREN STREET	493	28.3	(SI) 2" Mill & Overlay Local	\$ 42,931
10111	WHITTEMORE STREET	MAIN STREET	EDWARD STREET	359	20.3	(BR) Recon/Reclaim Local	\$ 106,573
10127	WHYTE STREET	WILLIS AVENUE	MYSTIC AVENUE	467	25.9	(SI) 2" Mill & Overlay Local	\$ 37,762
10583	WICKLOW AVENUE	CENTRAL AVENUE	CITY LIMIT	1131	22.6	(BR) Recon/Reclaim Local	\$ 456,620
10088	WILLARD AVENUE	MAIN STREET	WILLIS AVENUE	663	64.0	(RM) Crack Seal	\$ 4,788
10155	WILLIAM STREET	CITY LIMIT	NEWBERN AVENUE	1020	27.6	(SI) 2" Mill & Overlay Local	\$ 95,166
10161	WILLIS AVENUE	RICE AVENUE	MAYBERRY AVENUE	436	33.1	(SI) 2" Mill & Overlay Local	\$ 35,255
10160	WILLIS AVENUE	EAST ALBION STREET	RICE AVENUE	717	48.8	(PM) Travel Lane 2" Mill & Overlay	\$ 37,284
10162	WILLIS AVENUE	MAYBERRY AVENUE	WRIGHT AVENUE	896	65.5	(RM) Crack Seal	\$ 6,471
10163	WILLIS AVENUE	WRIGHT AVENUE	HANCOCK STREET	1337	97.8	Do Nothing	\$ -
10623	WILSON STREET	END	CLEMATIS ROAD	616	26.7	(SI) 2" Mill & Overlay Local	\$ 49,810
10152	WINCHESTER STREET	CITY LIMIT	HARVARD STREET	1725	88.8	Do Nothing	\$ -
10128	WINDSOR ROAD	HINSDALE STREET	MAIN STREET	1303	95.6	Do Nothing	\$ -
10616	WINSLOW AVENUE	MITCHELL AVENUE	MCCORMACK AVENUE	511	20.2	(BR) Recon/Reclaim Local	\$ 206,306
10096	WINTER HILL ROAD	WILLIAM STREET	MEDFORD STREET	348	34.6	(SI) 2" Mill & Overlay Local	\$ 28,139
10195	WINTER STREET	LYMAN AVENUE	WINTHROP STREET	936	24.0	(BR) Recon/Reclaim Local	\$ 288,976
10286	WINTHROP STREET	SUFFOLK STREET	END	646	33.5	(SI) 3" Mill & Overlay Art/Col	\$ 143,527
10284	WINTHROP STREET	SUFFOLK STREET	END	4635	43.4	(SI) 3" Mill & Overlay Art/Col	\$ 1,029,794
10285	WINTHROP STREET	SUFFOLK STREET	END	186	47.7	(PM) Travel Lane 2" Mill & Overlay	\$ 14,880
10281	WINTHROP STREET	UPLAND ROAD	EMERY STREET	907	52.3	(PM) Travel Lane 2" Mill & Overlay	\$ 72,560
10283	WINTHROP STREET	BADGER ROAD	SUFFOLK STREET	341	67.6	(RM) Crack Seal	\$ 3,789

ROADWAY BACKLOG (ALPHABETICAL)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10282	WINTHROP STREET	EMERY STREET	BADGER ROAD	4756	90.3	Do Nothing	\$ -
10382	WOBURN STREET	BROOKS STREET	PLAYSTEAD ROAD	1458	13.8	(BR) Recon/Reclaim Arterial	\$ 649,969
10381	WOBURN STREET	WYMAN STREET	BROOKS STREET	1795	33.1	(SI) 3" Mill & Overlay Art/Col	\$ 299,107
10380	WOBURN STREET	HIGH STREET	WYMAN STREET	891	81.7	(RM) Crack Seal	\$ 7,425
10376	WOLCOTT PARK	END	PRESCOTT STREET	293	38.1	(SI) 2" Mill & Overlay Local	\$ 23,692
10378	WOLCOTT STREET	AUSTIN ROAD	WYMAN STREET	1184	31.8	(SI) 2" Mill & Overlay Local	\$ 88,374
10259	WOODBINE ROAD	END	GEORGE STREET	441	28.5	(SI) 2" Mill & Overlay Local	\$ 35,659
10330	WOODLAND ROAD	JACKSON ROAD	SAGAMORE PARK	590	23.6	(BR) Recon/Reclaim Local	\$ 189,160
10423	WOODROW AVENUE	FOREST STREET	BROOKSIDE PARKWAY	679	82.9	(RM) Crack Seal	\$ 4,904
10468	WOODRUFF AVENUE	FIRST STREET	MIDDLESEX AVENUE	1491	29.7	(SI) 2" Mill & Overlay Local	\$ 120,562
10340	WOODS ROAD	BUSSELL ROAD	PLAYSTEAD ROAD	1128	44.8	(PM) Travel Lane 2" Mill & Overlay	\$ 74,448
10116	WRIGHT AVENUE	MAIN STREET	WILLIS AVENUE	681	26.6	(SI) 2" Mill & Overlay Local	\$ 57,184
10117	WRIGHT AVENUE	WILLIS AVENUE	PIERCE AVENUE	544	42.1	(PM) Travel Lane 2" Mill & Overlay	\$ 29,376
10352	WYMAN STREET	ALLSTON STREET	WEST DOVER STREET	1308	30.8	(SI) 2" Mill & Overlay Local	\$ 105,765
10353	WYMAN STREET	WEST DOVER STREET	SUFFOLK STREET	868	45.0	(PM) Travel Lane 2" Mill & Overlay	\$ 45,136
10114	YALE STREET	WINCHESTER STREET	RADCLIFFE STREET	591	31.7	(SI) 2" Mill & Overlay Local	\$ 47,788
10115	YALE STREET	RADCLIFFE STREET	MAIN STREET	886	66.1	(RM) Crack Seal	\$ 6,399
10570	YEOMANS AVENUE	CARNEY STREET	SPRING STREET	839	34.0	(SI) 2" Mill & Overlay Local	\$ 67,842
10569	YEOMANS AVENUE	CENTRAL AVENUE	CARNEY STREET	644	49.9	(PM) Travel Lane 2" Mill & Overlay	\$ 33,488

APPENDIX B

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10574	POOLE STREET	LAWRENCE STREET	CENTRAL AVENUE	875	7.5	(BR) Recon/Reclaim Local	\$ 270,144
10582	ST. MARY STREET	FELLSWAY WEST	CITY LIMIT	182	10.2	(BR) Recon/Reclaim Local	\$ 73,480
10242	HILLSDALE ROAD	CAPEN STREET	BOSTON AVENUE	517	11.5	(BR) Recon/Reclaim Local	\$ 171,894
10407	UPTON TERRACE	END	BREWSTER ROAD	175	12.0	(BR) Recon/Reclaim Local	\$ 49,873
10620	VICTOR STREET	HIGHLAND AVENUE	CITY LIMIT	378	13.2	(BR) Recon/Reclaim Local	\$ 107,725
10625	PALMER STREET	CLEMATIS ROAD	PARK AVENUE	760	13.3	(BR) Recon/Reclaim Local	\$ 216,590
10573	CHIPMAN STREET	LAWRENCE STREET	CENTRAL AVENUE	884	13.7	(BR) Recon/Reclaim Local	\$ 272,922
10382	WOBURN STREET	BROOKS STREET	PLAYSTEAD ROAD	1458	13.8	(BR) Recon/Reclaim Arterial	\$ 649,969
10485	COMMERCIAL STREET	HALL STREET	RIVERSIDE AVENUE	1030	13.9	(BR) Recon/Reclaim Local	\$ 342,459
10622	EAST BORDER CIRCLE	END	EAST BORDER ROAD	612	14.0	(BR) Recon/Reclaim Local	\$ 218,015
10414	CLIFTON STREET	END	LAWRENCE ROAD	333	14.5	(BR) Recon/Reclaim Local	\$ 86,992
10479	FOURTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	766	14.5	(BR) Recon/Reclaim Local	\$ 236,492
10473	SECOND STREET	HENLEY STREET	BRADBURY AVENUE	760	14.6	(BR) Recon/Reclaim Local	\$ 216,590
10349	USHER ROAD	PLAYSTEAD ROAD	WARREN STREET	518	15.6	(BR) Recon/Reclaim Local	\$ 172,227
10260	WEDGEMERE ROAD	END	GEORGE STREET	373	15.6	(BR) Recon/Reclaim Local	\$ 115,159
10430	PORTER ROAD	GOVERNORS AVENUE	BRADLEE ROAD	267	15.8	(BR) Recon/Reclaim Local	\$ 82,432
10635	WASON STREET	FULTON STREET	HIGHLAND AVENUE	706	15.9	(BR) Recon/Reclaim Local	\$ 134,134
10185	JAMES STREET	MYSTIC AVENUE	SWAN STREET	691	16.0	(BR) Recon/Reclaim Local	\$ 246,157
10215	GREENLEAF AVENUE	WINTHROP STREET	BENHAM STREET	658	16.1	(BR) Recon/Reclaim Local	\$ 203,148
10617	DOONAN STREET	HELD CIRCLE	CLEMATIS ROAD	2226	16.2	(BR) Recon/Reclaim Local	\$ 898,705
10628	BELLE AVENUE	FULTON STREET	PALMER STREET	1404	16.3	(BR) Recon/Reclaim Local	\$ 400,121
10660	MCCORMACK AVENUE	422 FT S OF LILA AVENUE	LILA AVENUE	438	16.5	(BR) Recon/Reclaim Local	\$ 135,226
10606	LUND ROAD	WATERVALE ROAD	GROVER ROAD	712	16.6	(BR) Recon/Reclaim Local	\$ 279,002
10347	GORHAM ROAD	PLAYSTEAD ROAD	WARREN STREET	587	16.7	(BR) Recon/Reclaim Local	\$ 181,228
10475	SECOND STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	625	16.8	(BR) Recon/Reclaim Local	\$ 178,117
10613	TAMAR DRIVE	CEDAR ROAD	WINSLOW AVENUE	1417	16.8	(BR) Recon/Reclaim Local	\$ 504,782
10618	DEXTER STREET	CLEMATIS ROAD	HIGHLAND TERRACE	756	16.9	(BR) Recon/Reclaim Local	\$ 305,221
10099	HALE AVENUE	MEDFORD STREET	BOW STREET	352	17.0	(BR) Recon/Reclaim Local	\$ 108,675
10607	CEDAR ROAD	LUND ROAD	CITY LIMIT	856	17.1	(BR) Recon/Reclaim Local	\$ 182,961
10624	CLEVELAND STREET	MANGLES STREET	BELLE AVENUE	869	17.3	(BR) Recon/Reclaim Local	\$ 268,291
10638	GASTON STREET	FULTON STREET	HAINES STREET	558	17.3	(BR) Recon/Reclaim Local	\$ 145,771
10210	GEORGE STREET	COLLEGE AVENUE	MAIN STREET	696	17.5	(BR) Recon/Reclaim Collector	\$ 302,820
10612	NATHANIEL ROAD	CEDAR ROAD	TAMAR DRIVE	692	17.8	(BR) Recon/Reclaim Local	\$ 246,514
10492	ROCKWELL AVENUE	END	RIVERSIDE AVENUE	683	18.1	(BR) Recon/Reclaim Local	\$ 194,646
10494	MAVERICK STREET	SHIP AVENUE	RIVERSIDE AVENUE	229	18.3	(BR) Recon/Reclaim Local	\$ 67,981
10202	FLORENCE STREET	COLLEGE AVENUE	ROYALL STREET	557	18.8	(BR) Recon/Reclaim Local	\$ 171,966
10186	SWAN STREET	MYSTIC AVENUE	JAMES STREET	913	18.8	(BR) Recon/Reclaim Local	\$ 260,193
10619	TUCKER STREET	HIGHLAND AVENUE	END	302	18.8	(BR) Recon/Reclaim Local	\$ 78,894
10293	KILGORE AVENUE	MYSTIC VALLEY PARKWAY	HIGH STREET	789	18.9	(BR) Recon/Reclaim Local	\$ 243,592
10608	OAK ROAD	HICKORY AVENUE	WATERVALE ROAD	387	19.0	(BR) Recon/Reclaim Local	\$ 119,481
10560	GARFIELD AVENUE	CENTRAL AVENUE	SALEM STREET	1000	19.1	(BR) Recon/Reclaim Local	\$ 308,736
10245	TAYLOR STREET	MARSHALL STREET	MARTIN STREET	338	19.1	(BR) Recon/Reclaim Local	\$ 104,352
10266	CURTIS STREET	SUMMER STREET	SOUTH STREET	610	19.4	(BR) Recon/Reclaim Local	\$ 159,355
10365	WARREN STREET	HIGH STREET	CENTURY STREET	2219	19.5	(BR) Recon/Reclaim Local	\$ 526,988
10591	ST. FRANCIS STREET	FELLSWAY WEST	FULTON STREET	690	19.6	(BR) Recon/Reclaim Local	\$ 213,027
10179	SUMNER AVENUE	HICKS AVENUE	LIBERTY AVENUE	328	19.6	(BR) Recon/Reclaim Local	\$ 101,266

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10465	MCDONALD ROAD	FELLSWAY	RIVERSIDE AVENUE	420	19.9	(BR) Recon/Reclaim Local	\$ 99,745
10626	RALPH STREET	BELLE AVENUE	PARK AVENUE	533	19.9	(BR) Recon/Reclaim Local	\$ 151,898
10463	BRADBURY AVENUE	RIVERSIDE AVENUE	SECOND STREET	835	20.0	(BR) Recon/Reclaim Local	\$ 257,794
10637	HAINES STREET	ELM STREET	GASTON STREET	734	20.1	(BR) Recon/Reclaim Local	\$ 209,180
10299	MONUMENT STREET	HARVARD AVENUE	HOLTON STREET	544	20.1	(BR) Recon/Reclaim Local	\$ 155,033
10557	OTIS STREET	WASHINGTON STREET	SALEM STREET	1942	20.1	(BR) Recon/Reclaim Local	\$ 691,805
10616	WINSLOW AVENUE	MITCHELL AVENUE	MCCORMACK AVENUE	511	20.2	(BR) Recon/Reclaim Local	\$ 206,306
10111	WHITTEMORE STREET	MAIN STREET	EDWARD STREET	359	20.3	(BR) Recon/Reclaim Local	\$ 106,573
10244	LYMAN AVENUE	COTTING STREET	WEST STREET	378	20.9	(BR) Recon/Reclaim Local	\$ 116,702
10604	FERN ROAD	VISTA AVENUE	WATERVALE ROAD	696	21.1	(BR) Recon/Reclaim Local	\$ 214,880
10486	HALL STREET	COMMERCIAL STREET	RIVERSIDE AVENUE	1344	21.1	(BR) Recon/Reclaim Local	\$ 383,022
10648	AMES STREET	FULTON STREET	WALSH STREET	646	21.2	(BR) Recon/Reclaim Local	\$ 230,126
10640	GREENHALGE STREET	WALSH STREET	SAUNDERS STREET	512	21.2	(BR) Recon/Reclaim Local	\$ 158,072
10336	TYLER AVENUE	GROVE STREET	JOHNSON AVENUE	1064	21.3	(BR) Recon/Reclaim Local	\$ 379,033
10264	DWYER CIRCLE	GOURLEY ROAD	GOURLEY ROAD	558	21.5	(BR) Recon/Reclaim Local	\$ 172,274
10439	OAKLAND STREET	SALEM STREET	WATER STREET	1025	21.5	(BR) Recon/Reclaim Local	\$ 316,454
10483	SEVENTH STREET	MIDDLESEX AVENUE	END	615	21.9	(BR) Recon/Reclaim Local	\$ 189,873
10307	TEMPLE STREET	BOSTON AVENUE	BOWER STREET	355	22.2	(BR) Recon/Reclaim Local	\$ 75,878
10230	CAPEN STREET	ADAMS STREET	WINTHROP STREET	962	22.3	(BR) Recon/Reclaim Local	\$ 274,157
10206	MARSHALL STREET	LYMAN AVENUE	WINTHROP STREET	305	22.3	(BR) Recon/Reclaim Local	\$ 94,164
10576	PINKERT STREET	MYRTLE STREET	CENTRAL AVENUE	1128	22.4	(BR) Recon/Reclaim Local	\$ 348,254
10583	WICKLOW AVENUE	CENTRAL AVENUE	CITY LIMIT	1131	22.6	(BR) Recon/Reclaim Local	\$ 456,620
10332	JOHNSON AVENUE	GROVE STREET	HIGH STREET	1149	22.6	(BR) Recon/Reclaim Local	\$ 368,381
10092	NEWBERN AVENUE	END	MEDFORD STREET	718	22.6	(BR) Recon/Reclaim Local	\$ 238,724
10652	BOWEN AVENUE	MAIN STREET	MYSTIC AVENUE	1381	22.7	(BR) Recon/Reclaim Local	\$ 459,161
10632	BENMOR STREET	PARK AVENUE	HIGHLAND AVENUE	584	22.8	(BR) Recon/Reclaim Local	\$ 187,236
10609	HOWARD ROAD	WATERVALE ROAD	CEDAR ROAD	739	22.8	(BR) Recon/Reclaim Local	\$ 228,156
10213	KNOLLWOOD ROAD	HUME AVENUE	WOODBINE ROAD	423	22.8	(BR) Recon/Reclaim Local	\$ 135,618
10146	BERWICK ROAD	HARVARD STREET	YALE STREET	279	22.9	(BR) Recon/Reclaim Local	\$ 86,137
10588	FULTON STREET	FULTON STREET	END	450	22.9	(SI) 2" Mill & Overlay Local	\$ 36,387
10611	GROVER ROAD	REGIS ROAD	END	691	22.9	(SI) 2" Mill & Overlay Local	\$ 34,384
10368	COTTAGE STREET	PRESCOTT STREET	HIGH STREET	584	23.0	(BR) Recon/Reclaim Local	\$ 166,432
10204	COLUMBIA ROAD	MAIN STREET	MYSTIC AVENUE	562	23.2	(BR) Recon/Reclaim Local	\$ 173,510
10295	SHARON STREET	HIGH STREET	FAIRFIELD STREET	787	23.2	(BR) Recon/Reclaim Local	\$ 252,320
10237	WALKING COURT	WALKING COURT	AUBURN STREET	216	23.2	(BR) Recon/Reclaim Collector	\$ 71,866
10461	WELLINGTON ROAD	FELLSWAY	RIVERSIDE AVENUE	878	23.3	(BR) Recon/Reclaim Local	\$ 271,069
10297	PITCHER AVENUE	LAKEVIEW	HIGH STREET	1145	23.3	(BR) Recon/Reclaim Local	\$ 353,502
10150	HARRIS ROAD	CAPEN STREET	BOSTON AVENUE	614	23.4	(BR) Recon/Reclaim Local	\$ 174,981
10602	MURRAY HILL ROAD	FELLS AVENUE	CITY LIMIT	483	23.4	(BR) Recon/Reclaim Collector	\$ 154,520
10249	SPENCER ROAD	CHESTER AVENUE	GEORGE STREET	306	23.4	(BR) Recon/Reclaim Local	\$ 87,206
10256	BROOKINGS STREET	GEORGE STREET	SUMMER STREET	944	23.5	(BR) Recon/Reclaim Local	\$ 269,027
10120	GOLDEN AVENUE	MAIN STREET	PIERCE AVENUE	1226	23.5	(BR) Recon/Reclaim Local	\$ 393,068
10238	QUINCY STREET	CITY LIMIT	BOSTON AVENUE	1419	23.5	(BR) Recon/Reclaim Local	\$ 454,946
10337	OSBORNE ROAD	WOBURN STREET	WINTHROP STREET	630	23.6	(BR) Recon/Reclaim Local	\$ 246,870
10330	WOODLAND ROAD	JACKSON ROAD	SAGAMORE PARK	590	23.6	(BR) Recon/Reclaim Local	\$ 189,160
10112	LIBERTY AVENUE	MAIN STREET	WILLIS AVENUE	403	23.7	(BR) Recon/Reclaim Local	\$ 124,420

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10579	LINWOOD STREET	CENTRAL AVENUE	MALDEN STREET	433	23.7	(BR) Recon/Reclaim Local	\$ 123,400
10429	TURRELL ROAD	GOVERNORS AVENUE	BRADLEE ROAD	329	23.7	(BR) Recon/Reclaim Local	\$ 93,760
10469	FIRST STREET	HENLEY STREET	BRADBURY AVENUE	762	23.7	(BR) Recon/Reclaim Local	\$ 235,256
10562	FARRAGUT AVENUE	CENTRAL AVENUE	SALEM STREET	1060	23.8	(BR) Recon/Reclaim Local	\$ 327,259
10125	BILLINGS AVENUE	WILLIS AVENUE	MYSTIC AVENUE	608	23.9	(BR) Recon/Reclaim Local	\$ 194,931
10122	BOWDOIN STREET	COLBY STREET	MAIN STREET	1617	23.9	(BR) Recon/Reclaim Local	\$ 499,225
10296	SHARON STREET	FAIRFIELD STREET	ARLINGTON STREET	1681	23.9	(BR) Recon/Reclaim Local	\$ 538,945
10195	WINTER STREET	LYMAN AVENUE	WINTHROP STREET	936	24.0	(BR) Recon/Reclaim Local	\$ 288,976
10498	PLEASANT STREET	RIVERSIDE AVENUE	PARK STREET	1052	24.0	(BR) Recon/Reclaim Local	\$ 324,790
10650	EDISON AVENUE	TESLA AVENUE	212 FT N OF TESLA AVENUE	156	24.0	(SI) 2" Mill & Overlay Local	\$ 12,614
10629	HORNE AVENUE	RALPH STREET	PALMER STREET	532	24.0	(SI) 2" Mill & Overlay Local	\$ 36,399
10636	STURGES STREET	ELM STREET	HIGHLAND AVENUE	1774	24.0	(SI) 2" Mill & Overlay Local	\$ 143,446
10306	TONTINE STREET	BOSTON AVENUE	BOWER STREET	351	24.1	(SI) 2" Mill & Overlay Local	\$ 19,649
10236	NORTH STREET	PIGGOTT ROAD	COTTING STREET	1007	24.1	(BR) Recon/Reclaim Collector	\$ 438,132
10343	CLEWLEY ROAD	WARREN STREET	CENTURY STREET	891	24.3	(SI) 2" Mill & Overlay Local	\$ 94,214
10325	GRACE ROAD	PINE RIDGE ROAD	SALTONSTALL ROAD	772	24.3	(SI) 2" Mill & Overlay Local	\$ 67,226
10275	RIVERSIDE AVENUE	COMMERCIAL STREET	MIDDLESEX AVENUE	2335	24.4	(SI) 2" Mill & Overlay Local	\$ 225,117
10232	TESLA AVENUE	HILLSDALE ROAD	WINTHROP STREET	701	24.4	(SI) 2" Mill & Overlay Local	\$ 56,683
10462	BRADBURY AVENUE	FELLSWAY	RIVERSIDE AVENUE	638	24.5	(SI) 2" Mill & Overlay Local	\$ 51,589
10199	NORTON AVENUE	NORTH STREET	LYMAN AVENUE	475	24.6	(SI) 2" Mill & Overlay Local	\$ 23,636
10217	PIGGOTT ROAD	NORTH STREET	BOSTON AVENUE	964	24.8	(SI) 2" Mill & Overlay Local	\$ 77,949
10335	ALAN DALE ROAD	NORWICH CIRCLE	NORWICH CIRCLE	556	25.1	(SI) 2" Mill & Overlay Local	\$ 41,500
10085	BONNER AVENUE	MAIN STREET	ALEXANDER AVENUE	1745	25.1	(SI) 2" Mill & Overlay Local	\$ 141,101
10496	DANIELS STREET	PLEASANT STREET	LAURIAT PLACE	536	25.1	(SI) 2" Mill & Overlay Local	\$ 43,341
10290	JEROME STREET	HIGH STREET	HAWTHORN STREET	549	25.1	(SI) 2" Mill & Overlay Local	\$ 51,222
10262	GOURLEY ROAD	GEORGE STREET	DWYER CIRCLE	482	25.1	(SI) 2" Mill & Overlay Local	\$ 41,973
10268	TOURO AVENUE	SUMMER STREET	SOUTH STREET	738	25.2	(SI) 2" Mill & Overlay Local	\$ 59,675
10106	HENRY STREET	MAIN STREET	MEACHAM STREET	578	25.5	(SI) 2" Mill & Overlay Local	\$ 53,927
10466	SYDNEY STREET	FOURTH STREET	END	1090	25.5	(SI) 2" Mill & Overlay Local	\$ 88,137
10481	ST. JAMES ROAD	MASSACHUSSETTS ROUTE 28	RIVERSIDE AVENUE	538	25.6	(SI) 2" Mill & Overlay Local	\$ 51,869
10532	ROCKWOOD TERRACE	FULTON STREET	END	339	25.6	(SI) 2" Mill & Overlay Local	\$ 25,303
10104	BRAEMORE ROAD	BOW STREET	KILSYTH ROAD	546	25.7	(SI) 2" Mill & Overlay Local	\$ 47,546
10615	MCCORMACK AVENUE	LILA AVENUE	WINSLOW AVENUE	632	25.7	(SI) 2" Mill & Overlay Local	\$ 51,104
10491	FREEDOM WAY	LOCUST STREET	RIVERSIDE AVENUE	3499	25.9	(SI) 2" Mill & Overlay Local	\$ 272,047
10127	WHYTE STREET	WILLIS AVENUE	MYSTIC AVENUE	467	25.9	(SI) 2" Mill & Overlay Local	\$ 37,762
10610	FRYE ROAD	END	GROVER ROAD	396	26.1	(SI) 2" Mill & Overlay Local	\$ 44,336
10148	ST. CLEMENTS ROAD	WARNER STREET	BOSTON AVENUE	635	26.2	(SI) 2" Mill & Overlay Local	\$ 55,296
10658	MAMMOLA WAY	EARL AVE	END	790	26.4	(SI) 2" Mill & Overlay Local	\$ 73,707
10167	MAIN STREET	HICKS AVENUE	MEDFORD STREET	728	26.5	(SI) 3" Mill & Overlay Art/Col	\$ 151,636
10116	WRIGHT AVENUE	MAIN STREET	WILLIS AVENUE	681	26.6	(SI) 2" Mill & Overlay Local	\$ 57,184
10623	WILSON STREET	END	CLEMATIS ROAD	616	26.7	(SI) 2" Mill & Overlay Local	\$ 49,810
10197	METCALF STREET	WALNUT STREET	WALNUT STREET	687	26.7	(SI) 2" Mill & Overlay Local	\$ 51,278
10107	LEYDEN STREET	EDWARD STREET	END	620	26.8	(SI) 2" Mill & Overlay Local	\$ 50,133
10090	MORGAN AVENUE	END	MEDFORD STREET	1331	27.0	(SI) 2" Mill & Overlay Local	\$ 115,904
10239	ADAMS STREET	CITY LIMIT	BOSTON AVENUE	1438	27.1	(SI) 2" Mill & Overlay Local	\$ 125,221
10471	FIRST STREET	MIDDLESEX AVENUE	CITY LIMIT	561	27.1	(SI) 2" Mill & Overlay Local	\$ 45,363

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10605	WATERVALE ROAD	FERN ROAD	FELLS AVENUE	1326	27.6	(SI) 2" Mill & Overlay Local	\$ 107,220
10155	WILLIAM STREET	CITY LIMIT	NEWBERN AVENUE	1020	27.6	(SI) 2" Mill & Overlay Local	\$ 95,166
10493	SHIP AVENUE	END	MAVERICK STREET	1114	27.7	(SI) 2" Mill & Overlay Local	\$ 83,149
10421	EARLY AVENUE	FOREST STREET	BROOKSIDE PARKWAY	513	27.8	(SI) 2" Mill & Overlay Local	\$ 41,481
10385	BURBANK ROAD	WINTHROP STREET	LAWRENCE ROAD	710	28.0	(SI) 3" Mill & Overlay Art/Col	\$ 94,648
10153	COLBY STREET	YALE STREET	BOWDOIN STREET	481	28.0	(SI) 2" Mill & Overlay Local	\$ 38,894
10342	CLEWLEY ROAD	PLAYSTEAD ROAD	WARREN STREET	430	28.2	(SI) 2" Mill & Overlay Local	\$ 45,468
10327	RAVINE ROAD	MYSTIC VALLEY PARKWAY	GROVE STREET	1254	28.2	(SI) 2" Mill & Overlay Local	\$ 101,399
10292	JEROME STREET	FAIRFIELD STREET	ARLINGTON STREET	1641	28.3	(SI) 2" Mill & Overlay Local	\$ 153,105
10345	WHEELWRIGHT ROAD	PLAYSTEAD ROAD	WARREN STREET	493	28.3	(SI) 2" Mill & Overlay Local	\$ 42,931
10259	WOODBINE ROAD	END	GEORGE STREET	441	28.5	(SI) 2" Mill & Overlay Local	\$ 35,659
10211	DEARBORN STREET	LYMAN AVENUE	WINTHROP STREET	941	28.5	(SI) 2" Mill & Overlay Local	\$ 76,089
10311	FAIRFIELD STREET	MYSTIC RIVER ROAD	MONUMENT STREET	1289	28.6	(SI) 2" Mill & Overlay Local	\$ 120,264
10351	VERNON STREET	BROOKS STREET	MYSTIC STREET	947	28.6	(SI) 2" Mill & Overlay Local	\$ 70,684
10269	MANNING STREET	SUMMER STREET	SOUTH STREET	766	28.6	(SI) 2" Mill & Overlay Local	\$ 61,939
10145	BRADFORD AVENUE	HARVARD STREET	YALE STREET	270	28.8	(SI) 2" Mill & Overlay Local	\$ 21,832
10565	GRANT AVENUE	SALEM STREET	FELLSWAY WEST	787	28.9	(SI) 2" Mill & Overlay Local	\$ 48,951
10563	SHERIDAN AVENUE	WASHINGTON STREET	FELLSWAY WEST	3086	28.9	(SI) 2" Mill & Overlay Local	\$ 230,339
10411	SHERWOOD ROAD	LEE STREET	END	449	29.1	(SI) 2" Mill & Overlay Local	\$ 33,513
10309	HOLTON STREET	SHARON STREET	BOWER STREET	1021	29.1	(SI) 2" Mill & Overlay Local	\$ 76,208
10176	LEYDEN AVENUE	END	LEYDEN STREET	198	29.1	(SI) 2" Mill & Overlay Local	\$ 16,626
10440	BROOKSIDE PARKWAY	WEBSTER STREET	VALLEY STREET	1275	29.2	(SI) 2" Mill & Overlay Local	\$ 118,958
10257	BURGET AVENUE	END	GEORGE STREET	1700	29.3	(SI) 2" Mill & Overlay Local	\$ 142,749
10329	NEWTON ROAD	WOODLAND ROAD	GROVE STREET	479	29.3	(SI) 2" Mill & Overlay Local	\$ 40,222
10187	UNION STREET	MYSTIC AVENUE	END	487	29.4	(SI) 2" Mill & Overlay Local	\$ 54,525
10182	FULBRIGHT STREET	MYSTIC AVENUE	END	713	29.5	(SI) 2" Mill & Overlay Local	\$ 66,523
10091	NEWBERN AVENUE	END	MEDFORD STREET	529	29.6	(SI) 2" Mill & Overlay Local	\$ 46,065
10109	SMITH STREET	MAIN STREET	EDWARD STREET	354	29.7	(SI) 2" Mill & Overlay Local	\$ 28,625
10468	WOODRUFF AVENUE	FIRST STREET	MIDDLESEX AVENUE	1491	29.7	(SI) 2" Mill & Overlay Local	\$ 120,562
10474	SECOND STREET	BRADBURY AVENUE	MIDDLESEX AVENUE	564	29.7	(SI) 2" Mill & Overlay Local	\$ 42,097
10646	ANDREWS STREET	FULTON STREET	WALSH STREET	1315	29.8	(SI) 2" Mill & Overlay Local	\$ 98,152
10495	MARINE STREET	SHIP AVENUE	RIVERSIDE AVENUE	206	29.9	(SI) 2" Mill & Overlay Local	\$ 16,657
10548	PARK STREET	RIVERSIDE AVENUE	SALEM STREET	2358	29.9	(SI) 3" Mill & Overlay Art/Col	\$ 340,532
10398	GOVERNORS AVENUE	HIGH STREET	PORTER ROAD	432	30.0	(SI) 3" Mill & Overlay Art/Col	\$ 52,789
10144	BENTON ROAD	HARVARD STREET	YALE STREET	270	30.0	(SI) 2" Mill & Overlay Local	\$ 21,832
10502	ROSS STREET	SPRING STREET	RIVERSIDE AVENUE	855	30.0	(SI) 2" Mill & Overlay Local	\$ 87,749
10354	HOBBS ROAD	END	MYSTIC STREET	224	30.1	(SI) 2" Mill & Overlay Local	\$ 20,899
10634	MORGAN AVENUE	GASTON STREET	BENMOR STREET	709	30.1	(SI) 2" Mill & Overlay Local	\$ 72,765
10305	ARLINGTON STREET	BOSTON AVENUE	CANAL STREET	440	30.2	(SI) 2" Mill & Overlay Local	\$ 35,578
10303	BOWER STREET	HARVARD AVENUE	CANAL STREET	1224	30.2	(SI) 2" Mill & Overlay Local	\$ 91,359
10344	CORINNE ROAD	END	WOBURN STREET	643	30.3	(SI) 2" Mill & Overlay Local	\$ 51,993
10246	MASON STREET	MARSHALL STREET	MARTIN STREET	364	30.4	(SI) 2" Mill & Overlay Local	\$ 29,433
10472	SECOND STREET	SYDNEY STREET	HENLEY STREET	445	30.4	(SI) 2" Mill & Overlay Local	\$ 33,215
10258	HUME AVENUE	BURGET AVENUE	GEORGE STREET	1222	30.5	(SI) 2" Mill & Overlay Local	\$ 98,811
10113	ELLIS AVENUE	MAIN STREET	WILLIS AVENUE	440	30.6	(SI) 3" Mill & Overlay Art/Col	\$ 63,543
10507	MAGOUN AVENUE	PARK STREET	PEMBROKE STREET	812	30.6	(SI) 2" Mill & Overlay Local	\$ 83,335

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10476	THIRD STREET	FELLSWAY	CRADOCK AVENUE	2140	30.8	(SI) 2" Mill & Overlay Local	\$ 173,040
10525	MALDEN STREET	LINWOOD STREET	CITY LIMIT	791	30.8	(SI) 2" Mill & Overlay Local	\$ 63,960
10621	MAURICE STREET	BLOMERTH STREET	EAST BORDER ROAD	1492	30.8	(SI) 2" Mill & Overlay Local	\$ 111,363
10352	WYMAN STREET	ALLSTON STREET	WEST DOVER STREET	1308	30.8	(SI) 2" Mill & Overlay Local	\$ 105,765
10647	BRACKETT STREET	WALSH STREET	ELM STREET	562	30.9	(SI) 2" Mill & Overlay Local	\$ 41,948
10572	BURNSIDE STREET	LAWRENCE STREET	CENTRAL AVENUE	893	30.9	(SI) 2" Mill & Overlay Local	\$ 72,208
10450	SALEM STREET	FELLSWAY WEST	CITY LIMIT	394	31.1	(SI) 3" Mill & Overlay Art/Col	\$ 52,523
10189	SOUTH STREET	WALNUT STREET	MYSTIC VALLEY PARKWAY	425	31.2	(SI) 3" Mill & Overlay Art/Col	\$ 70,819
10229	CAPEN STREET	HARRIS ROAD	ADAMS STREET	1035	31.2	(SI) 2" Mill & Overlay Local	\$ 77,252
10631	PARK AVENUE	RALPH STREET	PALMER STREET	500	31.2	(SI) 2" Mill & Overlay Local	\$ 37,320
10302	BOSTON AVENUE	HIGH STREET	CITY LIMIT	2412	31.3	(SI) 3" Mill & Overlay Art/Col	\$ 513,564
10181	HICKS AVENUE	EAST ALBIOM STREET	SCHOOL DRIVE	475	31.3	(SI) 2" Mill & Overlay Local	\$ 48,749
10287	FARM ROAD	WINTHROP STREET	END	426	31.4	(SI) 2" Mill & Overlay Local	\$ 34,446
10528	TUFTS STREET	FOUNTAIN STREET	FOUNTAIN STREET	558	31.5	(SI) 2" Mill & Overlay Local	\$ 27,766
10089	GRANVILLE AVENUE	END	END	523	31.5	(SI) 2" Mill & Overlay Local	\$ 39,037
10114	YALE STREET	WINCHESTER STREET	RADCLIFFE STREET	591	31.7	(SI) 2" Mill & Overlay Local	\$ 47,788
10378	WOLCOTT STREET	AUSTIN ROAD	WYMAN STREET	1184	31.8	(SI) 2" Mill & Overlay Local	\$ 88,374
10110	BENNETT STREET	EDWARD STREET	EAST ALBION STREET	280	31.8	(SI) 2" Mill & Overlay Local	\$ 23,512
10108	SANGER STREET	EDWARD STREET	END	511	32.0	(SI) 2" Mill & Overlay Local	\$ 41,319
10355	SUFFOLK STREET	WOBURN STREET	WINTHROP STREET	1007	32.2	(SI) 2" Mill & Overlay Local	\$ 81,426
10250	CLARK STREET	GEORGE STREET	WINTHROP PLACE	457	32.4	(SI) 2" Mill & Overlay Local	\$ 36,953
10100	SHAPLEY AVENUE	MEDFORD STREET	BOW STREET	357	32.4	(SI) 2" Mill & Overlay Local	\$ 29,977
10383	MONMOUTH AVENUE	WYMAN STREET	EXETER STREET	774	32.5	(SI) 2" Mill & Overlay Local	\$ 57,771
10367	PRESCOTT STREET	CANAL STREET	MYSTIC STREET	1139	32.5	(SI) 2" Mill & Overlay Local	\$ 63,761
10559	LOGAN AVENUE	WASHINGTON STREET	CENTRAL AVENUE	1063	32.6	(SI) 2" Mill & Overlay Local	\$ 85,954
10526	HURLCROFT AVENUE	LINWOOD STREET	WICKLOW AVENUE	652	32.6	(SI) 2" Mill & Overlay Local	\$ 68,942
10083	WAREHAM STREET	WINCHESTER STREET	MAIN STREET	1360	32.9	(SI) 2" Mill & Overlay Local	\$ 109,970
10467	HENLEY STREET	SECOND STREET	FIRST STREET	201	32.9	(SI) 2" Mill & Overlay Local	\$ 16,253
10381	WOBURN STREET	WYMAN STREET	BROOKS STREET	1795	33.1	(SI) 3" Mill & Overlay Art/Col	\$ 299,107
10161	WILLIS AVENUE	RICE AVENUE	MAYBERRY AVENUE	436	33.1	(SI) 2" Mill & Overlay Local	\$ 35,255
10404	HUTCHINS ROAD	END	GOVERNORS AVENUE	1084	33.2	(SI) 2" Mill & Overlay Local	\$ 101,137
10359	PLAYSTEAD ROAD	WINTHROP STREET	165 FT S OF WOBURN STREET	1151	33.4	(SI) 3" Mill & Overlay Art/Col	\$ 268,513
10529	TAINTER STREET	FULTON STREET	PARIS STREET	1197	33.4	(SI) 2" Mill & Overlay Local	\$ 100,512
10286	WINTHROP STREET	SUFFOLK STREET	END	646	33.5	(SI) 3" Mill & Overlay Art/Col	\$ 143,527
10516	LAWRENCE STREET	CHIPMAN STREET	PINKERT STREET	720	33.6	(SI) 2" Mill & Overlay Local	\$ 58,219
10183	BROOKS PARK	MAIN STREET	MAIN STREET	788	33.6	(SI) 2" Mill & Overlay Local	\$ 78,422
10180	EAST ALBIOM STREET	WILLIS AVENUE	HICKS AVENUE	49	33.6	(SI) 2" Mill & Overlay Local	\$ 3,962
10130	FREDERICK AVENUE	COLLEGE AVENUE	MAIN STREET	1276	33.6	(SI) 2" Mill & Overlay Local	\$ 107,146
10645	RUSSELL STREET	FOSS STREET	ANDREWS STREET	666	33.6	(SI) 2" Mill & Overlay Local	\$ 28,998
10438	ENGLEHUTT ROAD	WOODROW AVENUE	EARLY AVENUE	796	33.7	(SI) 2" Mill & Overlay Local	\$ 64,365
10208	GEORGE STREET	BURGET AVENUE	WOODBINE ROAD	638	33.8	(SI) 3" Mill & Overlay Art/Col	\$ 120,487
10102	JOSEPH STREET	SANGER STREET	MEACHAM STREET	561	33.8	(SI) 2" Mill & Overlay Local	\$ 57,575
10644	SAUNDERS STREET	FOSS STREET	WALSH STREET	1617	33.8	(SI) 2" Mill & Overlay Local	\$ 125,722
10503	HAMLIN AVENUE	SPRING STREET	END	539	33.9	(SI) 2" Mill & Overlay Local	\$ 43,584
10570	YEOMANS AVENUE	CARNEY STREET	SPRING STREET	839	34.0	(SI) 2" Mill & Overlay Local	\$ 67,842
10273	RIVERSIDE AVENUE	RING ROAD	ROSS STREET	4273	34.0	(SI) 2" Mill & Overlay Local	\$ 411,960

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10261	MARSTON STREET	GEORGE STREET	SUMMER STREET	946	34.1	(SI) 2" Mill & Overlay Local	\$ 88,262
10371	ALLSTON STREET	END	HIGH STREET	914	34.2	(SI) 2" Mill & Overlay Local	\$ 62,536
10594	VISTA AVENUE	FERN ROAD	FELLS AVENUE	177	34.4	(SI) 2" Mill & Overlay Local	\$ 9,908
10154	ALFRED STREET	CITY LIMIT	NEWBERN AVENUE	686	34.5	(SI) 2" Mill & Overlay Local	\$ 64,004
10096	WINTER HILL ROAD	WILLIAM STREET	MEDFORD STREET	348	34.6	(SI) 2" Mill & Overlay Local	\$ 28,139
10633	ELLSWORTH STREET	GASTON STREET	BENMOR STREET	807	34.8	(SI) 2" Mill & Overlay Local	\$ 35,137
10348	MADISON STREET	PLAYSTEAD ROAD	BROOKS STREET	1090	34.8	(SI) 2" Mill & Overlay Local	\$ 88,137
10171	MAIN STREET	STANLEY AVENUE	BROOKS PARK	782	34.8	(SI) 3" Mill & Overlay Art/Col	\$ 156,369
10518	CENTRAL AVENUE	PARK STREET	SPRING STREET	1765	34.9	(SI) 3" Mill & Overlay Art/Col	\$ 323,519
10537	FOUNTAIN TERRACE	TUFTS STREET	WATER STREET	7	34.9	(SI) 2" Mill & Overlay Local	\$ 523
10597	LOOKOUT ROAD	END	VISTA AVENUE	373	34.9	(SI) 2" Mill & Overlay Local	\$ 27,841
10205	MARSHALL STREET	NORTH STREET	MASON STREET	1119	35.0	(SI) 2" Mill & Overlay Local	\$ 90,482
10599	ROCK GLEN ROAD	CITY LIMIT	FELLS AVENUE	1009	35.0	(SI) 2" Mill & Overlay Local	\$ 81,588
10595	FELLS AVENUE	FELLSWAY WEST	VISTA AVENUE	2316	35.1	(SI) 3" Mill & Overlay Art/Col	\$ 334,467
10392	HILLSIDE AVENUE	HIGH STREET	END	579	35.1	(SI) 2" Mill & Overlay Local	\$ 46,818
10169	MAIN STREET	PRINCETON STREET	WINDSOR ROAD	859	35.2	(SI) 3" Mill & Overlay Art/Col	\$ 171,766
10391	BOYNTON ROAD	HIGH STREET	PILGRIM ROAD	747	35.3	(SI) 2" Mill & Overlay Local	\$ 69,695
10388	TRAINCROFT N.W.	START OF DIVIDED	TRAINCROFT	648	35.3	(SI) 2" Mill & Overlay Local	\$ 48,367
10143	RADCLIFFE STREET	YALE STREET	BOWDOIN STREET	455	35.3	(SI) 2" Mill & Overlay Local	\$ 36,791
10300	MONUMENT STREET	HOLTON STREET	ARLINGTON STREET	513	35.5	(SI) 2" Mill & Overlay Local	\$ 38,290
10267	MAPLE AVENUE	SUMMER STREET	SOUTH STREET	730	35.5	(SI) 2" Mill & Overlay Local	\$ 49,946
10252	BENHAM STREET	CHARNWOOD ROAD	CHESTER AVENUE	672	35.7	(SI) 2" Mill & Overlay Local	\$ 54,338
10524	CARNEY STREET	YEOMANS AVENUE	LINWOOD STREET	466	35.7	(SI) 2" Mill & Overlay Local	\$ 37,681
10203	ROYALL STREET	COLLEGE AVENUE	MAIN STREET	697	35.9	(SI) 2" Mill & Overlay Local	\$ 69,365
10511	FRANKLIN STREET	WASHINGTON STREET	PARK STREET	815	36.0	(SI) 2" Mill & Overlay Local	\$ 45,624
10596	CEDAR CLIFF TERRACE	FELLSWAY WEST	END	302	36.0	(SI) 2" Mill & Overlay Local	\$ 22,541
10561	CHERRY STREET	SALEM STREET	FELLSWAY WEST	1009	36.1	(SI) 2" Mill & Overlay Local	\$ 81,588
10639	GASTON STREET	HAINES STREET	TAFT STREET	1818	36.2	(SI) 2" Mill & Overlay Local	\$ 124,388
10451	SALEM STREET	CROSS STREET	SALEM STREET CIRCLE	468	36.3	(SI) 3" Mill & Overlay Art/Col	\$ 62,388
10527	CHARLES STREET	SURREY STREET	CITY LIMIT	126	36.4	(SI) 2" Mill & Overlay Local	\$ 10,188
10535	LAMBERT STREET	GRANT AVENUE	SALEM STREET	471	36.5	(SI) 2" Mill & Overlay Local	\$ 38,085
10358	PLAYSTEAD ROAD	207 FT N OF DIANNE ROAD	WINTHROP STREET	1515	36.5	(SI) 3" Mill & Overlay Art/Col	\$ 328,184
10384	KEITH ROAD	RAMSHEAD ROAD	LINCOLN ROAD	572	36.8	(SI) 2" Mill & Overlay Local	\$ 32,021
10390	PILGRIM ROAD	POWDER HOUSE ROAD	END	528	36.8	(SI) 2" Mill & Overlay Local	\$ 42,694
10194	WEST STREET	COTTING STREET	WINTHROP STREET	1565	36.9	(SI) 3" Mill & Overlay Art/Col	\$ 286,859
10126	GOLDSMITH AVENUE	WILLIS AVENUE	MYSTIC AVENUE	539	36.9	(SI) 2" Mill & Overlay Local	\$ 43,584
10308	CIRCUIT STREET	BOWER STREET	BOWER STREET	975	37.0	(SI) 2" Mill & Overlay Local	\$ 72,774
10402	GOVERNORS AVENUE	LAWRENCE ROAD	CEDAR ROAD	364	37.0	(SI) 3" Mill & Overlay Art/Col	\$ 44,480
10405	STICKNEY ROAD	HUTCHINS ROAD	SAMSON ROAD	405	37.1	(SI) 2" Mill & Overlay Local	\$ 27,710
10271	MYSTIC AVENUE	ACCESS ROAD	MYSTIC VALLEY PARKWAY	2045	37.2	(SI) 3" Mill & Overlay Art/Col	\$ 452,460
10225	BOSTON AVENUE	647 FT E OF COLLEGE AVENUE	WARNER STREET	1018	37.7	(SI) 3" Mill & Overlay Art/Col	\$ 226,177
10536	FOUNTAIN STREET	END	TUFTS STREET	536	37.7	(SI) 2" Mill & Overlay Local	\$ 30,005
10578	AMARANTH AVENUE	MYRTLE STREET	FELLSWAY	719	37.9	(SI) 2" Mill & Overlay Local	\$ 62,611
10326	SALTONSTALL ROAD	GRACE ROAD	GROVE STREET	140	38.0	(SI) 2" Mill & Overlay Local	\$ 12,191
10558	ALMONT STREET	SALEM STREET	FELLSWAY WEST	1234	38.1	(SI) 2" Mill & Overlay Local	\$ 92,106
10376	WOLCOTT PARK	END	PRESCOTT STREET	293	38.1	(SI) 2" Mill & Overlay Local	\$ 23,692

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10406	SAMSON ROAD	HUTCHINS ROAD	GOVERNORS AVENUE	743	38.3	(SI) 2" Mill & Overlay Local	\$ 69,322
10362	PLAYSTEAD ROAD	ROBERTS ROAD	PLAYSTEAD ROAD	91	38.3	(SI) 3" Mill & Overlay Art/Col	\$ 21,229
10164	CRESCENT STREET	HANCOCK STREET	MYSTIC AVENUE	426	38.3	(SI) 2" Mill & Overlay Local	\$ 34,446
10497	CROSS STREET	LAURIAT PLACE	SALEM STREET	827	38.4	(SI) 2" Mill & Overlay Local	\$ 66,871
10301	SAGAMORE AVENUE	OAK RIDGE ROAD	END OF DIVIDED	2179	38.5	(SI) 2" Mill & Overlay Local	\$ 162,641
10642	FOSS STREET	FELLSWAY WEST	FULTON STREET	1003	38.5	(SI) 3" Mill & Overlay Art/Col	\$ 167,133
10533	MAYNARD STREET	ALMONT STREET	CHERRY STREET	378	38.6	(SI) 2" Mill & Overlay Local	\$ 30,565
10216	GREENLEAF AVENUE	BENHAM STREET	HUME AVENUE	654	38.8	(SI) 2" Mill & Overlay Local	\$ 52,882
10240	HILLSDALE ROAD	UPLAND ROAD	TESLA AVENUE	243	38.8	(SI) 2" Mill & Overlay Local	\$ 21,160
10369	BROOKS STREET	HIGH STREET	313 FT E OF WOBURN STREET	2492	39.0	(SI) 2" Mill & Overlay Local	\$ 201,503
10124	BILLINGS AVENUE	MAIN STREET	WILLIS AVENUE	691	39.1	(SI) 2" Mill & Overlay Local	\$ 58,023
10165	MAIN STREET	CITY LIMIT	SMITH STREET	1214	39.1	(SI) 3" Mill & Overlay Art/Col	\$ 242,751
10464	BRADBURY AVENUE	SECOND STREET	WOODRUFF AVENUE	413	39.2	(SI) 2" Mill & Overlay Local	\$ 33,395
10248	FAIRMOUNT STREET	END	BOSTON AVENUE	344	39.2	(PM) Travel Lane 2" Mill & Overlay	\$ 17,888
10291	JEROME STREET	HAWTHORN STREET	FAIRFIELD STREET	488	39.2	(SI) 2" Mill & Overlay Local	\$ 45,530
10614	MITCHELL AVENUE	TRAINER AVENUE	590 FT N OF TRAINER AVENUE	603	39.2	(PM) Travel Lane 2" Mill & Overlay	\$ 26,532
10541	VINE STREET	FRANKLIN STREET	SALEM STREET	636	39.3	(SI) 2" Mill & Overlay Local	\$ 35,603
10422	WALTER STREET	WOODROW AVENUE	CITY LIMIT	479	39.4	(SI) 2" Mill & Overlay Local	\$ 38,732
10101	DEXTER STREET	CITY LIMIT	SANGER STREET	1674	39.6	(SI) 2" Mill & Overlay Local	\$ 171,803
10656	OAK RIDGE ROAD	MYSTIC VALLEY PARKWAY	SAGAMORE AVENUE	154	39.6	(SI) 2" Mill & Overlay Local	\$ 13,410
10377	AUSTIN ROAD	WOLCOTT STREET	HIGH STREET	471	39.6	(SI) 2" Mill & Overlay Local	\$ 38,085
10389	POWDER HOUSE ROAD	HIGH STREET	POWDER HOUSE TERRACE	1020	39.6	(SI) 2" Mill & Overlay Local	\$ 69,788
10379	SCHOOLHOUSE ROAD	END	HIGH STREET	327	39.6	(PM) Travel Lane 2" Mill & Overlay	\$ 17,004
10593	FULTON SPRING ROAD	FELLSWAY WEST	FERN ROAD	1867	39.8	(SI) 2" Mill & Overlay Local	\$ 174,191
10324	GROVE STREET	GROVE STREET	GROVE STREET	662	40.1	(SI) 2" Mill & Overlay Local	\$ 45,294
10339	ROBERTS ROAD	CITY LIMIT	PLAYSTEAD ROAD	1386	40.1	(SI) 2" Mill & Overlay Local	\$ 137,935
10178	EDWARD STREET	HENRY STREET	HICKS AVENUE	1521	40.2	(SI) 2" Mill & Overlay Local	\$ 160,831
10598	VALLEY ROAD	END	VISTA AVENUE	353	40.2	(PM) Travel Lane 2" Mill & Overlay	\$ 16,944
10447	CROSS STREET	CROSS STREET	SALEM STREET	139	40.3	(SI) 2" Mill & Overlay Local	\$ 11,240
10119	PRINCETON STREET	DARTMOUTH STREET	MAIN STREET	410	40.3	(SI) 2" Mill & Overlay Local	\$ 33,152
10366	GLEASON STREET	MADISON STREET	CLEWLEY ROAD	904	40.4	(SI) 2" Mill & Overlay Local	\$ 73,098
10627	CLEMATIS ROAD	END	DOONAN STREET	887	40.4	(PM) Travel Lane 2" Mill & Overlay	\$ 35,480
10159	HICKS AVENUE	MAIN STREET	EAST ALBIOM STREET	439	40.5	(SI) 2" Mill & Overlay Local	\$ 45,055
10393	GRANDVIEW AVENUE	HILLSIDE AVENUE	HILLSIDE AVENUE	738	40.5	(SI) 2" Mill & Overlay Local	\$ 59,675
10278	MAIN STREET	MYSTIC VALLEY PARKWAY	MAIN STREET	451	40.8	(SI) 3" Mill & Overlay Art/Col	\$ 90,182
10592	ST. CLARE ROAD	ST. FRANCIS STREET	FULTON STREET	589	40.8	(SI) 2" Mill & Overlay Local	\$ 47,627
10263	GOURLEY ROAD	DWYER CIRCLE	SUMMER STREET	466	41.0	(SI) 2" Mill & Overlay Local	\$ 40,579
10346	CHARDON ROAD	PLAYSTEAD ROAD	WARREN STREET	487	41.0	(SI) 2" Mill & Overlay Local	\$ 39,379
10201	COREY STREET	CLARK STREET	DOUGLAS ROAD	475	41.7	(SI) 2" Mill & Overlay Local	\$ 38,408
10400	GOVERNORS AVENUE	HALL AVENUE	LAWRENCE ROAD	1166	41.8	(SI) 3" Mill & Overlay Art/Col	\$ 142,483
10375	MYSTIC STREET	MYSTIC VALLEY PARKWAY	WOBURN STREET	2415	41.8	(SI) 2" Mill & Overlay Local	\$ 187,766
10499	THATCHER STREET	PARK STREET	MAGOUN AVENUE	757	42.1	(PM) Travel Lane 2" Mill & Overlay	\$ 39,364
10117	WRIGHT AVENUE	WILLIS AVENUE	PIERCE AVENUE	544	42.1	(PM) Travel Lane 2" Mill & Overlay	\$ 29,376
10643	BUTLER STREET	END	FOSS STREET	414	42.2	(PM) Travel Lane 2" Mill & Overlay	\$ 20,700
10397	CEDAR ROAD	SUMMIT ROAD	GOVERNORS AVENUE	527	42.3	(PM) Travel Lane 2" Mill & Overlay	\$ 18,972
10190	AUBURN STREET	CITY LIMIT	NORTH STREET	649	42.7	(SI) 3" Mill & Overlay Art/Col	\$ 93,726

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10394	SUMMIT ROAD	END	LAWRENCE ROAD	1471	43.0	(PM) Travel Lane 2" Mill & Overlay	\$ 76,492
10455	SALEM STREET RAMP	SALEM STREET	OAKLAND STREET	53	43.0	(SI) 3" Mill & Overlay Art/Col	\$ 14,719
10517	LAWRENCE STREET	PINKERT STREET	MYRTLE STREET	405	43.1	(PM) Travel Lane 2" Mill & Overlay	\$ 21,060
10412	WESTWOOD ROAD	MASSACHUSETTS AVENUE	SOUTH BORDER ROAD	789	43.1	(PM) Travel Lane 2" Mill & Overlay	\$ 63,120
10408	BREWSTER ROAD	UPTON TERRACE	GOVERNORS AVENUE	795	43.3	(PM) Travel Lane 2" Mill & Overlay	\$ 38,160
10478	FOURTH STREET	FELLSWAY	MIDDLESEX AVENUE	1420	43.4	(PM) Travel Lane 2" Mill & Overlay	\$ 73,840
10284	WINTHROP STREET	SUFFOLK STREET	END	4635	43.4	(SI) 3" Mill & Overlay Art/Col	\$ 1,029,794
10338	EUGENE ROAD	SMITH LANE	END	317	43.7	(PM) Travel Lane 2" Mill & Overlay	\$ 8,876
10538	FOUNTAIN STREET	WATER STREET	END	1093	43.7	(PM) Travel Lane 2" Mill & Overlay	\$ 39,348
10157	BOW STREET	MAIN STREET	BRAEMORE ROAD	475	43.8	(PM) Travel Lane 2" Mill & Overlay	\$ 31,350
10416	CIRCUIT ROAD	MASSACHUSETTS AVENUE	SHERWOOD ROAD	1335	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 69,420
10142	DARTMOUTH STREET	YALE STREET	BOWDOIN STREET	459	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 22,032
10586	FULTON STREET	FLORENCE AVENUE	ANDREWS STREET	1160	44.0	(PM) Travel Lane 2" Mill & Overlay	\$ 60,320
10452	SALEM STREET	SALEM STREET CIRCLE	CITY HALL MALL	564	44.1	(SI) 3" Mill & Overlay Art/Col	\$ 75,185
10410	SHERWOOD ROAD	MASSACHUSETTS AVENUE	LEE STREET	822	44.1	(PM) Travel Lane 2" Mill & Overlay	\$ 39,456
10387	TRAINCROFT	RURAL AVENUE	POWDER HOUSE ROAD	960	44.1	(PM) Travel Lane 2" Mill & Overlay	\$ 46,080
10553	CAROLINA STREET	RIVERSIDE AVENUE	BRADSHAW STREET	863	44.3	(PM) Travel Lane 2" Mill & Overlay	\$ 44,876
10228	CAPEN STREET	CITY LIMIT	HARRIS ROAD	259	44.4	(PM) Travel Lane 2" Mill & Overlay	\$ 12,432
10443	RING ROAD	RIVERSIDE AVENUE	SALEM STREET	819	44.7	(SI) 3" Mill & Overlay Art/Col	\$ 145,571
10340	WOODS ROAD	BUSSELL ROAD	PLAYSTEAD ROAD	1128	44.8	(PM) Travel Lane 2" Mill & Overlay	\$ 74,448
10600	ROCK GLEN CIRCLE	END	ROCK GLEN ROAD	139	44.8	(PM) Travel Lane 2" Mill & Overlay	\$ 6,672
10395	TERRACE ROAD	GOVERNORS AVENUE	LAWRENCE ROAD	1627	44.9	(PM) Travel Lane 2" Mill & Overlay	\$ 84,604
10661	GUILD STREET	FOSS STREET	469 FT N OF FOSS STREET	484	45.0	(PM) Travel Lane 2" Mill & Overlay	\$ 23,232
10353	WYMAN STREET	WEST DOVER STREET	SUFFOLK STREET	868	45.0	(PM) Travel Lane 2" Mill & Overlay	\$ 45,136
10170	MAIN STREET	WINDSOR ROAD	STANLEY AVENUE	435	45.5	(PM) Travel Lane 2" Mill & Overlay	\$ 31,320
10316	HIGH STREET	WOBURN STREET	POWDER HOUSE ROAD	2291	45.6	(PM) Travel Lane 2" Mill & Overlay	\$ 168,159
10094	ALBION STREET	CITY LIMIT	MAIN STREET	1420	45.7	(PM) Travel Lane 2" Mill & Overlay	\$ 90,880
10521	HOOKER STREET	SHERIDAN AVENUE	SPRING STREET	508	45.9	(PM) Travel Lane 2" Mill & Overlay	\$ 26,416
10294	SHERMAN STREET	HIGH STREET	JEROME STREET	717	46.6	(PM) Travel Lane 2" Mill & Overlay	\$ 37,284
10581	SURREY STREET	MALDEN STREET	FELLSWAY WEST	1305	46.6	(PM) Travel Lane 2" Mill & Overlay	\$ 88,740
10446	SALEM STREET	SALEM STREET CIRCLE	CROSS STREET	337	46.8	(PM) Travel Lane 2" Mill & Overlay	\$ 16,176
10589	FULTON STREET	FULTON STREET	STURGES STREET	1927	47.0	(PM) Travel Lane 2" Mill & Overlay	\$ 100,204
10659	ROSINA STREET	MAMMOLA WAY	219 FT N OF MAMMOLA WAY	208	47.0	(PM) Travel Lane 2" Mill & Overlay	\$ 10,816
10095	ALFRED TERRACE	ALFRED STREET	WILLIAM STREET	336	47.2	(PM) Travel Lane 2" Mill & Overlay	\$ 12,096
10285	WINTHROP STREET	SUFFOLK STREET	END	186	47.7	(PM) Travel Lane 2" Mill & Overlay	\$ 14,880
10448	SALEM STREET	CROSS STREET	LAMBERT STREET	3173	47.7	(PM) Travel Lane 2" Mill & Overlay	\$ 152,304
10512	WASHINGTON STREET	CROSS STREET	SPRING STREET	3017	47.8	(PM) Travel Lane 2" Mill & Overlay	\$ 199,122
10227	EMERY STREET	ADAMS STREET	WINTHROP STREET	937	47.9	(PM) Travel Lane 2" Mill & Overlay	\$ 48,724
10539	HADLEY PLACE	WASHINGTON STREET	SALEM STREET	562	48.1	(PM) Travel Lane 2" Mill & Overlay	\$ 40,464
10218	CHARNWOOD ROAD	WINTHROP STREET	BROOKINGS STREET	904	48.2	(PM) Travel Lane 2" Mill & Overlay	\$ 43,392
10251	CLARK STREET	WINTHROP PLACE	DOUGLAS ROAD	600	48.7	(PM) Travel Lane 2" Mill & Overlay	\$ 31,200
10504	SHERMAN PLACE	SPRING STREET	END	506	48.8	(PM) Travel Lane 2" Mill & Overlay	\$ 24,288
10160	WILLIS AVENUE	EAST ALBION STREET	RICE AVENUE	717	48.8	(PM) Travel Lane 2" Mill & Overlay	\$ 37,284
10566	LARKIN ROAD	FELLSWAY WEST	END	231	48.9	(PM) Travel Lane 2" Mill & Overlay	\$ 12,012
10508	MAGOUN AVENUE	PEMBROKE STREET	SPRING STREET	1079	49.0	(PM) Travel Lane 2" Mill & Overlay	\$ 71,214
10480	ST. JAMES ROAD	FOURTH STREET	MASSACHUSETTS ROUTE 28	387	49.0	(PM) Travel Lane 2" Mill & Overlay	\$ 23,994

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10298	MONUMENT STREET	HIGH STREET	HARVARD AVENUE	1167	49.1	(PM) Travel Lane 2" Mill & Overlay	\$ 56,016
10360	PLAYSTEAD ROAD	165 FT S OF WOBURN STREET	ROBERTS ROAD	724	49.3	(PM) Travel Lane 2" Mill & Overlay	\$ 60,816
10207	GEORGE STREET	WINTHROP STREET	BURGET AVENUE	1092	49.6	(PM) Travel Lane 2" Mill & Overlay	\$ 74,256
10363	CANAL STREET	BOWER STREET	PRESCOTT STREET	430	49.8	(PM) Travel Lane 2" Mill & Overlay	\$ 20,640
10571	LOWELL COURT	END	CARNEY STREET	164	49.8	(PM) Travel Lane 2" Mill & Overlay	\$ 7,872
10569	YEOMANS AVENUE	CENTRAL AVENUE	CARNEY STREET	644	49.9	(PM) Travel Lane 2" Mill & Overlay	\$ 33,488
10428	GARDEN STREET	ASHLAND STREET	OAKLAND STREET	438	50.2	(PM) Travel Lane 2" Mill & Overlay	\$ 15,768
10374	BARNARD ROAD	VERNON STREET	WOBURN STREET	453	50.3	(PM) Travel Lane 2" Mill & Overlay	\$ 23,556
10654	GEORGE P HASSETT	RING ROAD	SALEM STREET CIRCLE	190	50.3	(PM) Travel Lane 2" Mill & Overlay	\$ 5,320
10540	NEWCOMB STREET	WASHINGTON STREET	FRANKLIN STREET	313	50.6	(PM) Travel Lane 2" Mill & Overlay	\$ 10,642
10123	WELLESLEY STREET	DARTMOUTH STREET	MAIN STREET	398	50.6	(PM) Travel Lane 2" Mill & Overlay	\$ 9,552
10274	RIVERSIDE AVENUE	ROSS STREET	COMMERCIAL STREET	1110	50.7	(PM) Travel Lane 2" Mill & Overlay	\$ 68,820
10515	LAWRENCE STREET	SHERIDAN AVENUE	CHIPMAN STREET	951	51.0	(PM) Travel Lane 2" Mill & Overlay	\$ 49,452
10234	STOUGHTON STREET	END	BOSTON AVENUE	360	51.9	(PM) Pavement Patching	\$ 13,000
10166	MAIN STREET	SMITH STREET	HICKS AVENUE	599	51.9	(PM) Travel Lane 2" Mill & Overlay	\$ 43,128
10281	WINTHROP STREET	UPLAND ROAD	EMERY STREET	907	52.3	(PM) Travel Lane 2" Mill & Overlay	\$ 72,560
10651	DARTMOUTH STREET	BOWDOIN STREET	BUZZELL LANE	557	52.3	(PM) Pavement Patching	\$ 18,567
10435	RIVER STREET	RIVERSIDE AVENUE	SALEM STREET	272	52.4	(PM) Travel Lane 2" Mill & Overlay	\$ 17,408
10149	HAROLD STREET	CITY LIMIT	CAPEN STREET	328	52.6	(PM) Pavement Patching	\$ 11,389
10188	SOUTH STREET	WINTHROP STREET	WALNUT STREET	1510	52.6	(PM) Travel Lane 2" Mill & Overlay	\$ 90,852
10568	SPRING STREET EXT	LAMBERT STREET	FELLSWAY WEST	393	52.7	(PM) Pavement Patching	\$ 14,192
10219	SUNSET AVENUE	HUME AVENUE	END	407	53.3	(PM) Pavement Patching	\$ 14,697
10080	HARVARD STREET	BOSTON AVENUE	BENTON ROAD	879	53.3	(PM) Travel Lane 2" Mill & Overlay	\$ 52,740
10209	GEORGE STREET	WOODBINE ROAD	COLLEGE AVENUE	345	53.3	(PM) Travel Lane 2" Mill & Overlay	\$ 23,460
10436	ASHLAND STREET	SALEM STREET	WATER STREET	1224	53.4	(PM) Pavement Patching	\$ 40,800
10396	CREST ROAD	SUMMIT ROAD	TERRACE ROAD	251	53.4	(PM) Pavement Patching	\$ 8,367
10484	COMMERCIAL STREET	MYSTIC VALLEY PARKWAY	HALL STREET	1548	53.8	(PM) Pavement Patching	\$ 60,200
10399	GOVERNORS AVENUE	PORTER ROAD	HALL AVENUE	696	54.1	(PM) Pavement Patching	\$ 21,267
10509	GIBSON STREET	SPRING STREET	GIBSON CIRCLE	516	54.2	(PM) Pavement Patching	\$ 21,500
10168	MAIN STREET	MEDFORD STREET	PRINCETON STREET	1500	54.3	(PM) Travel Lane 2" Mill & Overlay	\$ 108,000
10506	GLENWOOD AVENUE	SPRING STREET	END	417	54.3	(PM) Pavement Patching	\$ 15,058
10530	LEWIS STREET	FULTON STREET	COURT STREET	697	54.3	(PM) Pavement Patching	\$ 23,233
10585	FULTON STREET	RIDGEWAY ROAD	FLORENCE AVENUE	1294	54.5	(PM) Pavement Patching	\$ 46,728
10133	STEARNS AVENUE	COLLEGE AVENUE	MAIN STREET	884	54.7	(PM) Pavement Patching	\$ 31,922
10458	RIVERS EDGE DRIVE	START OF DIVIDED	1426 FT N OF START OF DIVIDED	1427	55.1	(PM) Pavement Patching	\$ 51,531
10545	REVERE PLACE	END	SALEM STREET	347	55.1	(PM) Pavement Patching	\$ 11,567
10386	LAWRENCE ROAD	WINTHROP STREET	FOREST STREET	4112	55.2	(PM) Pavement Patching	\$ 228,445
10289	LINCOLN STREET	HAWTHORN STREET	HARVARD AVENUE	1249	55.4	(PM) Pavement Patching	\$ 45,103
10514	MYRTLE STREET	PINKERT STREET	ACCESS ROAD	1631	55.6	(PM) Pavement Patching	\$ 69,469
10350	IRVING STREET	PLAYSTEAD ROAD	ALLSTON STREET	1175	55.7	(PM) Pavement Patching	\$ 39,167
10505	SHERMAN COURT	SPRING STREET	END	467	55.7	(PM) Pavement Patching	\$ 16,864
10534	LAMBERT STREET	CHERRY STREET	GRANT AVENUE	510	56.0	(PM) Pavement Patching	\$ 18,417
10552	LAPHAM STREET	RIVERSIDE AVENUE	CUSHING STREET	506	56.0	(PM) Pavement Patching	\$ 18,272
10172	MAIN STREET	BROOKS PARK	THOMAS STREET	993	56.5	(PM) Pavement Patching	\$ 49,650
10460	RIVERS EDGE DRIVE	2195 FT S OF MEDFORD ST	RIVERS EDGE DRIVE	1433	56.7	(PM) Pavement Patching	\$ 70,987
10132	STANLEY AVENUE	COLLEGE AVENUE	MAIN STREET	1084	56.8	(PM) Pavement Patching	\$ 40,650

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10177	MEACHAM STREET	CITY LIMIT	JOSEPH STREET	54	57.0	(PM) Pavement Patching	\$ 1,950
10630	PARK AVENUE	FULTON STREET	RALPH STREET	532	57.2	(PM) Pavement Patching	\$ 17,733
10522	DUNBAR AVENUE	YEOMANS AVENUE	EMERALD STREET	475	57.4	(PM) Pavement Patching	\$ 17,153
10554	HUNEWILL AVENUE	RIVERSIDE AVENUE	BRADSHAW STREET	937	57.4	(PM) Pavement Patching	\$ 31,233
10549	PARK STREET	SALEM STREET	FELLSWAY WEST	1604	57.6	(PM) Pavement Patching	\$ 57,922
10156	MEDFORD STREET	CITY LIMIT	MAIN STREET	1871	58.1	(PM) Pavement Patching	\$ 109,142
10198	THOMAS STREET	WALNUT STREET	MAIN STREET	800	58.2	(PM) Pavement Patching	\$ 28,889
10151	PINKHAM ROAD	CAPEN STREET	BOSTON AVENUE	577	58.4	(PM) Pavement Patching	\$ 20,836
10276	FIFTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	851	58.4	(PM) Pavement Patching	\$ 28,367
10317	HIGH STREET	POWDER HOUSE ROAD	END OF DIVIDED	1851	58.6	(PM) Pavement Patching	\$ 88,437
10655	HAWTHORN STREET	LINCOLN STREET	JEROME STREET	216	59.0	(PM) Pavement Patching	\$ 7,200
10601	FELLS AVENUE TERRACE	FELLS AVENUE	FELLS AVENUE TERRACE	764	61.2	(RM) Crack Seal	\$ 5,093
10223	BOSTON AVENUE	UNIVERSITY AVENUE	COLLEGE AVENUE	1405	61.2	(PM) Pavement Patching	\$ 78,056
10087	MAYBERRY AVENUE	MAIN STREET	WILLIS AVENUE	675	62.0	(RM) Crack Seal	\$ 4,875
10544	EVERETT STREET	SALEM STREET	TAINTER STREET	851	62.1	(RM) Crack Seal	\$ 5,673
10425	WEBSTER STREET	BROOKSIDE PARKWAY	FULTON STREET	678	62.3	(PM) Pavement Patching	\$ 24,483
10603	FERN ROAD	FELLSWAY WEST	VISTA AVENUE	1101	63.4	(RM) Crack Seal	\$ 7,952
10193	COTTING STREET RAMP	COTTING STREET	WEST STREET	63	63.5	(RM) Crack Seal	\$ 420
10587	FULTON STREET	ANDREWS STREET	FULTON STREET	399	63.8	(RM) Crack Seal	\$ 2,882
10088	WILLARD AVENUE	MAIN STREET	WILLIS AVENUE	663	64.0	(RM) Crack Seal	\$ 4,788
10158	BOW STREET	BRAEMORE ROAD	MAIN STREET	1531	64.1	(RM) Crack Seal	\$ 14,034
10196	SUMMER STREET	WINTHROP STREET	MAIN STREET	2347	64.3	(RM) Crack Seal	\$ 15,647
10459	RIVERS EDGE DRIVE	1426 FT N OF START OF DIVIDED	2195 FT S OF MEDFORD ST	962	64.7	(PM) Pavement Patching	\$ 34,739
10162	WILLIS AVENUE	MAYBERRY AVENUE	WRIGHT AVENUE	896	65.5	(RM) Crack Seal	\$ 6,471
10118	PRINCETON STREET	COLBY STREET	DARTMOUTH STREET	1164	65.7	(RM) Crack Seal	\$ 8,407
10121	GOLDEN AVENUE	PIERCE AVENUE	MYSTIC AVENUE	266	65.7	(RM) Crack Seal	\$ 1,995
10322	GROVE STREET	141 FT N OF SALTONSTALL ROAD	GROVE STREET	752	65.8	(RM) Crack Seal	\$ 4,596
10437	ASH STREET	WATER STREET	WEBSTER STREET	371	66.1	(RM) Crack Seal	\$ 1,855
10233	HAMILTON STREET	HAROLD STREET	NORTH STREET	664	66.1	(RM) Crack Seal	\$ 4,796
10115	YALE STREET	RADCLIFFE STREET	MAIN STREET	886	66.1	(RM) Crack Seal	\$ 6,399
10432	BRADLEE ROAD	BRADLEE ROAD	BRADLEE ROAD	666	66.6	(RM) Crack Seal	\$ 4,440
10546	COURT STREET	SALEM STREET	TAINTER STREET	751	66.6	(RM) Crack Seal	\$ 3,755
10641	SCOTT STREET	SAUNDERS STREET	END	219	67.3	(RM) Crack Seal	\$ 1,460
10441	CITY HALL MALL	SALEM STREET	RIVERSIDE AVENUE	581	67.6	(RM) Crack Seal	\$ 5,794
10283	WINTHROP STREET	BADGER ROAD	SUFFOLK STREET	341	67.6	(RM) Crack Seal	\$ 3,789
10564	GRANT AVENUE	WASHINGTON STREET	SALEM STREET	2385	68.1	(RM) Crack Seal	\$ 13,250
10417	RIPLEY ROAD	WESTVALE ROAD	WESTVALE ROAD	838	68.1	(RM) Crack Seal	\$ 7,914
10649	EMERSON STREET	WALNUT ST	MAIN ST	676	68.6	(RM) Crack Seal	\$ 4,882
10457	RIVERS EDGE DRIVE	CORPORATION WAY	START OF DIVIDED	1179	68.9	(RM) Crack Seal	\$ 8,515
10231	OSGOOD STREET	NORTH STREET	HILLSDALE ROAD	720	69.1	(RM) Crack Seal	\$ 5,000
10318	HIGH STREET RAMP	MAIN STREET	HIGH STREET	120	69.2	(RM) Crack Seal	\$ 1,667
10310	HARVARD AVENUE	MYSTIC RIVER ROAD	HIGH STREET	2264	69.2	(RM) Crack Seal	\$ 16,980
10313	HIGH STREET	SHERMAN STREET	JOHNSON AVENUE	1583	69.7	(RM) Crack Seal	\$ 16,358
10097	HIGGINS AVENUE	MEDFORD STREET	BOW STREET	348	69.8	(RM) Crack Seal	\$ 2,610
10280	MYSTIC AVENUE RAMP	MAIN STREET	MYSTIC AVENUE	126	70.4	(RM) Crack Seal	\$ 1,260
10442	CLIPPERSHIP DRIVE	MAIN STREET	RIVERSIDE AVENUE	1414	70.5	(RM) Crack Seal	\$ 10,212

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10434	FOREST STREET	START OF DIVIDED	RIVERSIDE AVENUE	354	71.0	(RM) Crack Seal	\$ 4,032
10653	KENWAY STREET	ELIOT STREET	HANCOCK STREET	311	71.1	(RM) Crack Seal	\$ 2,333
10488	LOCUST STREET	MYSTIC VALLEY PARKWAY	458 FT N OF MYSTIC VALLEY PARKWAY	444	71.2	(RM) Crack Seal	\$ 3,700
10265	COLLEGE AVENUE	CITY LIMIT	SUMMER STREET	3546	71.2	(RM) Crack Seal	\$ 37,430
10445	SALEM STREET	CITY HALL MALL	SALEM STREET CIRCLE	538	71.3	(RM) Crack Seal	\$ 3,587
10173	MAIN STREET	THOMAS STREET	MYSTIC AVENUE	339	71.6	(RM) Crack Seal	\$ 3,390
10431	BRADLEE ROAD	HIGH STREET	BRADLEE ROAD	606	72.0	(RM) Crack Seal	\$ 4,040
10140	VASSAR STREET	WELLESLEY STREET	BUZZELL LANE	285	72.2	(RM) Crack Seal	\$ 1,900
10555	DUDLEY STREET	WASHINGTON STREET	SALEM STREET	1737	72.5	(RM) Crack Seal	\$ 14,475
10409	SHERWOOD ROAD	GOVERNORS AVENUE	MASSACHUSETTS AVENUE	523	72.5	(RM) Crack Seal	\$ 3,487
10137	RENFREW STREET	BUZZELL LANE	WINDSOR ROAD	320	72.8	(RM) Crack Seal	\$ 2,133
10098	WHEELER AVENUE	MEDFORD STREET	BOW STREET	353	72.9	(RM) Crack Seal	\$ 2,353
10279	MYSTIC AVENUE	MAIN STREET	MYSTIC AVENUE	153	73.5	(RM) Crack Seal	\$ 935
10184	SYLVIA ROAD	MAIN STREET	END	476	73.5	(RM) Crack Seal	\$ 3,438
10519	CENTRAL AVENUE	SPRING STREET	KENMERE ROAD	1441	73.6	(RM) Crack Seal	\$ 13,209
10220	BOSTON AVENUE	CITY LIMIT	ADAMS STREET	1241	74.0	(RM) Crack Seal	\$ 13,789
10131	HANCOCK STREET	MAIN STREET	MYSTIC AVENUE	1131	74.6	(RM) Crack Seal	\$ 9,425
10567	SPRING STREET	RIVERSIDE AVENUE	END OF DIVIDED	4228	74.8	(RM) Crack Seal	\$ 30,536
10657	EMERALD STREET	LINWOOD STREET	28 FT E OF WICKLOW AVENUE	536	75.0	(RM) Crack Seal	\$ 3,871
10418	ROOSEVELT ROAD	FOREST STREET	FOREST STREET	1447	75.3	(RM) Crack Seal	\$ 13,666
10255	BROOKINGS STREET	GREENLEAF AVENUE	GEORGE STREET	626	75.4	(RM) Crack Seal	\$ 4,173
10577	KENMERE ROAD	LAWRENCE STREET	CENTRAL AVENUE	858	75.6	(RM) Crack Seal	\$ 6,197
10424	WEBSTER STREET	FOREST STREET	BROOKSIDE PARKWAY	814	75.6	(RM) Crack Seal	\$ 5,879
10584	FULTON STREET	FELLSWAY WEST	RIDGEWAY ROAD	800	75.9	(RM) Crack Seal	\$ 5,778
10212	CHESTER AVENUE	WINTHROP STREET	BURGET AVENUE	1111	76.4	(RM) Crack Seal	\$ 8,024
10542	FULTON STREET	SALEM STREET	LEWIS STREET	1216	76.8	(RM) Crack Seal	\$ 8,782
10093	CLAYTON AVENUE	ALFRED STREET	MEDFORD STREET	708	76.8	(RM) Crack Seal	\$ 4,720
10222	BOSTON AVENUE	HILLSDALE ROAD	UNIVERSITY AVENUE	1446	76.8	(RM) Crack Seal	\$ 16,067
10138	STERLING STREET	BUZZELL LANE	WINDSOR ROAD	278	77.0	(RM) Crack Seal	\$ 2,008
10551	PEMBROKE STREET	RIVERSIDE AVENUE	END	1060	77.2	(RM) Crack Seal	\$ 7,656
10304	ARLINGTON STREET	JEROME STREET	BOSTON AVENUE	857	77.4	(RM) Crack Seal	\$ 6,189
10427	CHESTNUT STREET	ASHLAND STREET	OAKLAND STREET	428	77.4	(RM) Crack Seal	\$ 1,902
10312	HIGH STREET	ARLINGTON STREET	SHERMAN STREET	474	77.5	(RM) Crack Seal	\$ 4,367
10444	CLIPPERSHIP DRIVE	START OF DIVIDED	MAIN STREET	87	77.6	(RM) Crack Seal	\$ 628
10315	HIGH STREET	ALLSTON STREET	WOBURN STREET	1675	78.2	(RM) Crack Seal	\$ 17,481
10191	COTTING STREET	NORTH STREET	LYMAN AVENUE	435	78.4	(RM) Crack Seal	\$ 2,900
10403	GOVERNORS AVENUE	CEDAR ROAD	HIGH STREET	2047	78.8	(RM) Crack Seal	\$ 12,737
10334	SAGAMORE PARK	START OF DIVIDED	SAGAMORE AVENUE	126	79.0	(RM) Crack Seal	\$ 840
10139	CHARLTON STREET	BUZZELL LANE	WINDSOR ROAD	245	79.0	(RM) Crack Seal	\$ 1,633
10103	STRATHMORE ROAD	CITY LIMIT	BOW STREET	317	79.2	(RM) Crack Seal	\$ 2,466
10510	GIBSON STREET	GIBSON CIRCLE	END	820	80.2	(RM) Crack Seal	\$ 6,833
10477	FOURTH STREET	RIVERSIDE AVENUE	FELLSWAY	671	80.3	(RM) Crack Seal	\$ 4,846
10241	HILLSDALE ROAD	TESLA AVENUE	CAPEN STREET	502	80.6	(RM) Crack Seal	\$ 3,904
10523	EMERALD STREET	SPRING STREET	LINWOOD STREET	693	80.8	(RM) Crack Seal	\$ 5,005
10082	HARVARD STREET	WILLIS AVENUE	MYSTIC AVENUE	931	80.9	(RM) Crack Seal	\$ 7,758
10319	HIGH STREET RAMP	HIGH STREET	HIGH STREET	311	80.9	(RM) Crack Seal	\$ 3,456

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10224	BOSTON AVENUE	COLLEGE AVENUE	647 FT E OF COLLEGE AVENUE	636	81.1	(RM) Crack Seal	\$ 7,067
10419	CYPRESS ROAD	FOREST STREET	END	293	81.1	(RM) Crack Seal	\$ 2,279
10270	WALNUT STREET	SUMMER STREET	SOUTH STREET	856	81.4	(RM) Crack Seal	\$ 5,231
10328	JACKSON ROAD	SAGAMORE AVENUE	GROVE STREET	852	81.6	(RM) Crack Seal	\$ 6,390
10380	WOBURN STREET	HIGH STREET	WYMAN STREET	891	81.7	(RM) Crack Seal	\$ 7,425
10550	ABBOTT STREET	RIVERSIDE AVENUE	CUSHING STREET	440	81.8	(RM) Crack Seal	\$ 3,178
10235	NORTH STREET	HAMILTON STREET	PIGGOTT ROAD	935	82.1	(RM) Crack Seal	\$ 8,831
10575	EVANS STREET	LAWRENCE STREET	CENTRAL AVENUE	886	82.4	(RM) Crack Seal	\$ 6,399
10129	ELIOT STREET	MAIN STREET	HANCOCK STREET	759	82.7	(RM) Crack Seal	\$ 5,482
10423	WOODROW AVENUE	FOREST STREET	BROOKSIDE PARKWAY	679	82.9	(RM) Crack Seal	\$ 4,904
10449	SALEM STREET	LAMBERT STREET	FELLSWAY WEST	541	83.6	(RM) Crack Seal	\$ 3,607
10192	COTTING STREET	LYMAN AVENUE	WINTHROP STREET	922	83.8	(RM) Crack Seal	\$ 6,147
10531	BROGAN ROAD	FULTON STREET	PARK STREET	909	84.3	(RM) Crack Seal	\$ 6,060
10135	HANCOCK AVENUE	MAIN STREET	HANCOCK AVENUE	916	84.5	(RM) Crack Seal	\$ 10,687
10580	LINWOOD STREET	MALDEN STREET	EMERALD STREET	470	85.4	Do Nothing	\$ -
10320	WEST HIGH STREET	HIGH STREET	GROVE STREET	390	85.5	Do Nothing	\$ -
10272	RIVERSIDE AVENUE	FOREST STREET	RING ROAD	1065	86.2	Do Nothing	\$ -
10556	PARIS STREET	SALEM STREET	FELLSWAY WEST	1396	86.3	Do Nothing	\$ -
10136	HINSDALE STREET	END	FREDERICK AVENUE	272	86.9	Do Nothing	\$ -
10314	HIGH STREET	JOHNSON AVENUE	ALLSTON STREET	1609	87.0	(RM) Crack Seal	\$ 17,386
10254	BROOKINGS STREET	END	GREENLEAF AVENUE	481	87.2	Do Nothing	\$ -
10543	FULTON STREET	LEWIS STREET	FELLSWAY WEST	978	87.3	Do Nothing	\$ -
10547	COURT STREET	TAINTER STREET	BROGAN ROAD	605	87.4	Do Nothing	\$ -
10105	KILSYTH ROAD	CITY LIMIT	BOW STREET	314	87.4	Do Nothing	\$ -
10174	MAIN STREET	MYSTIC VALLEY PARKWAY	FOREST STREET	704	88.4	Do Nothing	\$ -
10152	WINCHESTER STREET	CITY LIMIT	HARVARD STREET	1725	88.8	Do Nothing	\$ -
10513	MYRTLE STREET	SPRING STREET	PINKERT STREET	1225	89.0	Do Nothing	\$ -
10372	ALLSTON STREET	HIGH STREET	WOBURN STREET	1669	89.2	Do Nothing	\$ -
10331	SAGAMORE PARK	SAGAMORE AVENUE	GROVE STREET	608	89.7	Do Nothing	\$ -
10084	ALEXANDER AVENUE	MAIN STREET	ALEXANDER AVENUE	1656	89.8	Do Nothing	\$ -
10357	PLAYSTEAD ROAD	CLEWLEY ROAD	207 FT N OF DIANNE ROAD	849	89.8	Do Nothing	\$ -
10282	WINTHROP STREET	EMERY STREET	BADGER ROAD	4756	90.3	Do Nothing	\$ -
10134	PEARL STREET	COLLEGE AVENUE	MAIN STREET	772	90.3	Do Nothing	\$ -
10079	WARNER STREET	CITY LIMIT	BOSTON AVENUE	359	90.3	Do Nothing	\$ -
10500	CUSHING STREET	THATCHER STREET	CAROLINA STREET	1172	90.4	Do Nothing	\$ -
10520	CENTRAL AVENUE	KENMERE ROAD	CITY LIMIT	289	90.7	Do Nothing	\$ -
10221	BOSTON AVENUE	ADAMS STREET	HILLSDALE ROAD	246	90.7	Do Nothing	\$ -
10341	CENTURY STREET	PLAYSTEAD ROAD	WOBURN STREET	1275	91.0	Do Nothing	\$ -
10364	CANAL STREET	PRESCOTT STREET	HIGH STREET	584	91.1	Do Nothing	\$ -
10200	MARTIN STREET	END	WINTHROP STREET	665	91.8	Do Nothing	\$ -
10277	MAIN STREET	HIGH STREET RAMP	MYSTIC VALLEY PARKWAY	683	91.9	Do Nothing	\$ -
10333	W SAGAMORE PARK	SAGAMORE PARK	SAGAMORE PARK	183	92.0	Do Nothing	\$ -
10420	VALLEY STREET	FOREST STREET	RAMP - ROOSEVELT CIR TO VALLEY ST	737	92.2	Do Nothing	\$ -
10426	WATER STREET	FOREST STREET	EXIT RAMP	945	92.4	Do Nothing	\$ -
10141	TROUT AVENUE	BILLINGS AVENUE	ELIOT STREET	384	92.5	Do Nothing	\$ -
10323	GROVE STREET	GROVE STREET	HIGH STREET	2302	92.5	Do Nothing	\$ -

ROADWAY BACKLOG (WORST TO BEST PCI)

ID	STREETNAME	FROM	TO	LENGTH	PCI	PLAN ACTIVITY	COST
10373	AUBURN STREET	MYSTIC VALLEY PARKWAY	HIGH STREET	1263	92.7	Do Nothing	\$ -
10214	ORCHARD STREET	MARSHALL STREET	WINTHROP STREET	1485	92.8	Do Nothing	\$ -
10590	FULTON STREET	STURGES STREET	ELM STREET	1146	92.8	Do Nothing	\$ -
10086	MARION STREET	WINCHESTER STREET	MAIN STREET	1300	93.1	Do Nothing	\$ -
10454	SALEM STREET	OAKLAND STREET	MAIN STREET	882	93.6	Do Nothing	\$ -
10226	BOSTON AVENUE	WARNER STREET	1194 FT E OF WARNER STREET	1175	93.7	Do Nothing	\$ -
10490	MYSTIC VALLEY PARKWAY	END	LOCUST STREET	474	93.7	Do Nothing	\$ -
10081	HARVARD STREET	BENTON ROAD	WILLIS AVENUE	1614	94.3	Do Nothing	\$ -
10370	BROOKS STREET	313 FT E OF WOBURN STREET	WINTHROP STREET	766	94.6	Do Nothing	\$ -
10489	LOCUST STREET	458 FT N OF MYSTIC VALLEY PARKWAY	RIVERSIDE AVENUE	1428	94.7	Do Nothing	\$ -
10487	LINDEN STREET	END	RIVERSIDE AVENUE	829	94.8	Do Nothing	\$ -
10453	OAKLAND STREET	CITY HALL MALL	OAKLAND STREET	9	94.9	Do Nothing	\$ -
10415	ASHCROFT ROAD	LAWRENCE ROAD	SHERWOOD ROAD	1751	95.5	Do Nothing	\$ -
10128	WINDSOR ROAD	HINSDALE STREET	MAIN STREET	1303	95.6	Do Nothing	\$ -
10288	ARLINGTON STREET	MYSTIC RIVER ROAD	MYSTIC RIVER ROAD	2339	96.0	Do Nothing	\$ -
10253	DOUGLAS ROAD	GEORGE STREET	SUMMER STREET	892	96.4	Do Nothing	\$ -
10361	PLAYSTEAD ROAD	ROBERTS ROAD	PLAYSTEAD ROAD	619	96.6	Do Nothing	\$ -
10243	LYMAN AVENUE	END	COTTING STREET	954	96.7	Do Nothing	\$ -
10356	PLAYSTEAD ROAD	HIGH STREET	CLEWLEY ROAD	1937	96.7	Do Nothing	\$ -
10401	GOVERNORS AVENUE	LAWRENCE ROAD	SOUTH BORDER ROAD	4141	97.5	Do Nothing	\$ -
10470	FIRST STREET	BRADBURY AVENUE	MIDDLESEX AVENUE	564	97.7	Do Nothing	\$ -
10163	WILLIS AVENUE	WRIGHT AVENUE	HANCOCK STREET	1337	97.8	Do Nothing	\$ -
10501	BRADSHAW STREET	PEMBROKE STREET	SPRING STREET	1060	98.3	Do Nothing	\$ -
10321	GROVE STREET	WEST HIGH STREET	141 FT N OF SALTONSTALL ROAD	2520	98.4	Do Nothing	\$ -
10147	BRISTOL ROAD	CITY LIMIT	WARNER STREET	776	98.7	Do Nothing	\$ -
10482	SIXTH STREET	MIDDLESEX AVENUE	CRADOCK AVENUE	882	98.7	Do Nothing	\$ -
10175	MEDFORD STREET RAMP	MEDFORD STREET	BROADWAY	64	99.6	Do Nothing	\$ -
10456	SALEM STREET	SALEM STREET	SALEM STREET	27	99.6	Do Nothing	\$ -
10433	FOREST STREET	SALEM STREET	START OF DIVIDED	4097	99.8	Do Nothing	\$ -
10247	BELLEVUE STREET	END	BOSTON AVENUE	367	100.0	Do Nothing	\$ -
10413	SOUTH BORDER ROAD	SOUTH BORDER ROAD	END	405	100.0	Do Nothing	\$ -

APPENDIX C

2021 Repair Alternative Cost Summary

Activity	Description	Cost/SY
Do Nothing	Do Nothing at this time	\$ -
(RM) Crack Seal	Crackseal and surface patch	\$ 2.50
(PM) Pavement Patching	Partial 1-1/2" HMA Overlay, adjust structures, full-depth patching, crackseal, tack, police detail and line paint	\$ 12.50
(PM) Travel Lane 2" Mill & Overlay	1-1/2" Grind and Inlay Travel Lanes Only	\$ 18.00
(SI) 2" Mill & Overlay Local	2" mill, 2" HMA, crackseal, tack, police detail, line paint & 15% contingency	\$ 28.00
(SI) 3" Mill & Overlay Art/Col	3" mill, 3" HMA, crackseal, patch, tack, police detail, line paint & 15% contingency	\$ 50.00
(BR) Recon/Reclaim Local	Full depth reconstruction, 5" HMA, remodel & reset structures, police detail, line paint & 20% contingency	\$ 106.90
(BR) Recon/Reclaim Collector	Full depth reconstruction, 6" HMA, remodel & reset structures, police detail, line paint & 20% contingency	\$ 115.20
(BR) Recon/Reclaim Arterial	Full depth reconstruction, 8" HMA, remodel & reset structures, police detail, line paint & 20% contingency	\$ 127.40

APPENDIX D

GLOSSARY OF TERMS

ASSET MANAGEMENT SYSTEM (AMS): similar to a Pavement Management System, has all the database attributes describing an infrastructure network such as water, wastewater or drainage system. This additional data 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 network system serves as a common location and identification system for roadside elements, the database can be comprehensively evaluated for infrastructure system wide planning and management.

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

DETERIORATION RATE: a rate that predicts of the anticipated change in a roadway's condition over time.

DISTRESS: a physical defect or deficiency on the pavement surface that can be observed and quantified through visual inspection of the pavement surface. Broad categories include surface cracking, base related cracking, patching, and surface wear.

DRAINAGE CONDITION INDEX (DCI): an index derived from controlled measurements and evaluations of pavement surface drainage deficiencies and conditions. It is a serviceability rating established for determining the present stature or performance of the drainage features on a scale from 0 to 100, with 100 being excellent.

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

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

NETWORK PRIORITY RANKING (NPR): a value computed by PAVEMENTview®Plus at the time it determines the most beneficial recommended repair for a particular pavement section. The Network Priority Ranking formula is:

$$\text{NPR} = (.40 \times \text{PCI}) + (.50 \times \text{Functional Class. Priority}) + (.30 \times \text{Pavement Class. Priority}) + (.10 \times \text{ADT})$$

Where NPR = Network Priority Ranking equals 40% Pavement Condition Index plus 50% Functional Classification Priority Rank plus 30% Pavement Classification Priority Rank and plus 10% Average Daily Traffic.

OVERALL CONDITION INDEX (OCI): an index derived from controlled measurements of pavement condition, rideability, drainage condition, safety, utility condition, traffic control, sidewalk condition, and roadside maintenance. An acceptable scale for roads and streets is 0 to 100, with 100 being excellent.

PAVEMENT CONDITION INDEX (PCI): 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 CLASSIFICATION: Pavement classification identifies the pavement material for streets and roads in the network. There are four categories: BC = Bituminous Concrete, BR = Brick, PC= Portland Concrete, and GR = Gravel.

PAVEMENT MANAGEMENT (PM): 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): 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: the assessment of how well the pavement serves 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.

PREVENTATIVE MAINTENANCE: activities performed at planned intervals to protect and seal the pavement. Generally these activities lead to pavement preservation. 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: 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: the complete removal and replacement of a failed pavement, which might also involve widening, realignment, traffic control devices, safety hardware, and major base and drainage work.

REHABILITATION: any work needed 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: PAVEMENTview®Plus represents repair strategies as a decision of user defined "if, then" statements used in the PAVEMENTview®Plus. The recommended repairs are based on five decision factors: Functional Classification, Surface Type, PCI range, curb reveal, and Sidewalk Condition Index (SCI). These criteria input into the decision matrix represent the various conditions for each decision factor.

REPAIR TYPES: 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.

RIDEABILITY INDEX (RI): a measure of the smoothness of a pavement, (traveled surface) as perceived by the public traveling in a vehicle at a speed appropriate for the particular surface. It is a serviceability rating having a scale of 0 to 100, with 100 being excellent. A controlled measurement of longitudinal profile pavement surface condition distress or deficiencies can be made using a profilometer and can be correlated to a roughness scale.

ROADSIDE MAINTENANCE INDEX (RMI): an index derived from evaluations of required roadside maintenance activity levels, such as mowing, litter collection, overhanging branches, and sand residue from plowing operations. It is a rating established for determining the present status or relative condition of the roadside maintenance, and is measured on a scale of 0 to 100, with 100 being excellent.

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

1. Full depth patching - more than 2" deep, requiring saw cutting distressed area and removal of pavement and gravel base to a depth of 8", followed by placement of new dense graded gravel base and hot mix asphalt in multiple layers;
2. Skin patching - less than 2" deep, typically no cutting required, placement of hot mix asphalt in 1 layer;
3. Crack sealing – sealing of surface cracks to prevent water intrusion

SIDEWALK CONDITION INDEX (SCI): an index derived from controlled measurements and evaluations of sidewalk and/or walkway and/or pedestrian ramp deficiencies and conditions. It is a serviceability rating established for determining the present status or performance of sidewalks and pedestrian ramps, and is measured on a scale of 0 to 100, with 100 being excellent.

STRUCTURAL IMPROVEMENT: activities performed when the pavement deteriorates beyond the need for preventive maintenance applications and the road base is structurally sound. Activities could include:

1. Thick Overlays;
2. Cold Planning and Overlay;
3. Hot in Place Recycling – Re-heating, scarifying, and adding rejuvenator to existing surface to a depth of 1-1/4" followed by an overlay.

TRAFFIC CONTROL INDEX (TCI): an index derived from factors pertaining to traffic control measures such as traffic signs and signals, lighting, and other warning devices. It is a rating established for determining the performance of the roadway as it relates to traffic control, and is measured on a scale of 0 to 100, with 100 being excellent.

TRAFFIC SAFETY INDEX (TSI): an index derived from measurements and evaluations of stopping sight distance, horizontal and vertical curves, accident data, geometry and other factors which may affect the public safety while traveling on the roadway. It is a rating established for determining the performance of the roadway as it relates to safety, and is measured on a scale of 0 to 100, with 100 being excellent.

UTILITY CONDITION INDEX (UCI): an index derived from controlled measurements and evaluations of utility cuts/patches in the pavement surface area. It is a serviceability rating established for determining the present status or performance of the utility patch on a scale from 0 to 100, with 100 being excellent.