

# Pavement Management Budget Options Report



January, 2019

City of Veneta

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## Executive Summary

Capitol Asset & Pavement Services, Inc. was contracted by the City of Veneta Public Works to perform visual inspections of all of the paved streets maintained by the City of Veneta (City). All 22.23 centerline miles of paved streets maintained by the City were evaluated in accordance with MTC standards and the Streetsaver Online 9.0 database was updated with the inspection data. Inspections were completed in November, 2019.

The maintenance decision tree treatments and costs were reviewed and updated to reflect current pavement maintenance treatment prices. A budgetary needs analysis was performed based on the updated inspections and treatment costs and three budget scenarios were evaluated to compare the effects of various funding levels.

The City's street network consists of 22.23 centerline miles of streets. A detailed visual inspection of the City's streets resulted in a calculated average PCI of 84. Using a 0-100 PCI scale, with 100 being the most favorable, a rating of 84 places the City's street network in the 'Good' condition category.

Three scenarios were analyzed for various street maintenance funding levels. The budgets include preventative maintenance and rehabilitation work for existing paved street surfaces. The City's current strategy of street maintenance, along with current prices for the treatments, is represented in the Streetsaver decision tree matrix. This matrix defines what treatments need to be applied to streets in varying PCI conditions. Utilizing this decision matrix, it was determined that the City will need to spend \$2.52 million over the next six years to bring the street network into 'optimal' condition, or 85, where nearly all streets will be in Good condition<sup>1</sup>. At this level, the City should be able to maintain the street network in the future with primarily cost-effective preventative maintenance treatments (crack seals and surface seals). Comparing this with the current funding level of \$2.5 million over the next six years shows that the average network PCI remains at the current level of 84 through 2024. A scenario was also run to show the effects of ceasing all maintenance funding, in order to highlight the importance of maintaining a well funded street maintenance program. Table 1 summarizes the findings of the Scenarios.

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<sup>1</sup> Scenarios 1 & 2 include planned maintenance to 8<sup>th</sup> street between Dunham Ave and Bolton Hill in 2019 and East Hunter Road from Territorial Road to Crystal Lane in 2020.

**Table 1 – Summary of outcome of different funding levels (Scenarios)**

<b>Average yearly budget</b>	\$420,828 <sup>2</sup> (1-Unconstrained)	\$425,000 (2-Current Funding)	\$0 (3-Zero Funding)
<b>Total budget for 6 years</b>	\$2.52 million	\$2.5 million	\$0
<b>Current PCI</b>	84	84	84
<b>Current % in 'Good' condition</b>	92.1%	92.1%	92.1%
<b>PCI after 6 years (change)</b>	85 (+1)	84 (0)	73 (-11)
<b>Backlog after 6 years</b>	\$0	\$508,219	\$2.5 million
<b>% 'Good' in 6 years</b>	96.9%	96.1%	82.6%
<b>% 'Fair' in 6 years</b>	3.1%	2.1%	10.9%
<b>% 'Poor' in 6 years</b>	0.0%	1.9%	3.3%
<b>% 'Very Poor' in 6 years</b>	0.0%	0.0%	3.3%

## Purpose

This report is intended to assist the City of Veneta with identifying street maintenance priorities specific to the City. The report examines the overall condition of the street network and highlights the impacts of various funding levels on the network pavement condition and deferred maintenance funding shortfalls. The Metropolitan Transportation Commission, MTC, Streetsaver Pavement Management Program (PMP) was used for this evaluation. The intent of this program is to develop a maintenance strategy that will improve the overall condition of the street network to an optimal Pavement Condition Index (PCI) in the low to mid 80's and also to maintain it at that level.

The MTC Streetsaver program maximizes the cost-effectiveness of the maintenance treatment plan by recommending a multi-year street maintenance and rehabilitation plan based on the most cost-effective repairs available. A comprehensive preventative maintenance program is a critical component of this plan, as these treatments extend the life of good pavements at a much lower cost than rehabilitation overlay or reconstruction treatments. To this end, various 'what-if' analyses (scenarios) were conducted to determine the most cost-effective plan for maintaining the City's street network over six years and at various funding levels.

<sup>2</sup> Scenario 1 has a lower overall funding than Scenario 2, but achieves a higher overall PCI and lower deferred backlog. This is due to the front-loading of the spending in Scenario 1, where 92% of the funding is in the first two years.



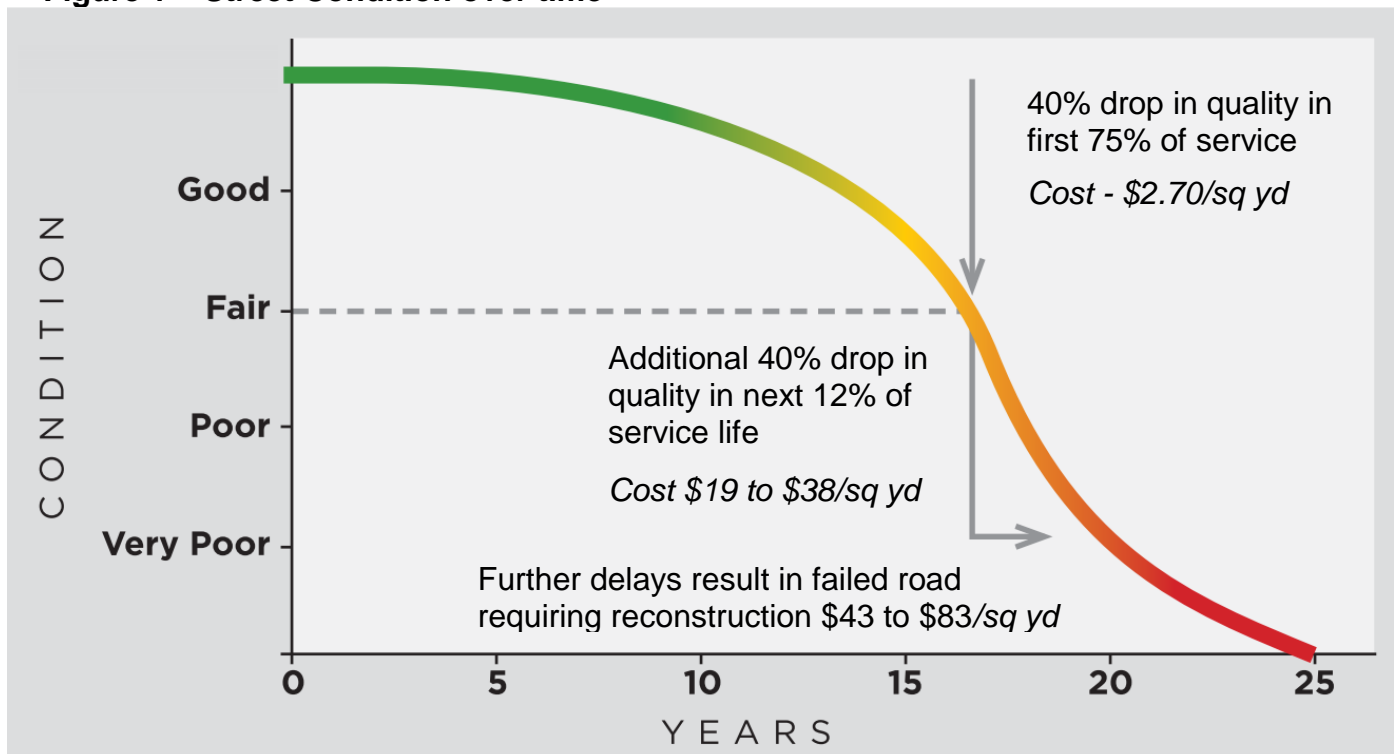
## Pavement Management Strategy

Pavement Management is a set of tools and philosophies designed to manage the maintenance activities of asphalt concrete and Portland concrete pavements. A Pavement Management System consists of a module to keep track of existing and historical pavement condition data and a decision making process to help choose the most cost-effective maintenance strategies and which streets to treat when.

Conventional wisdom of most public works and street department agencies has been to treat streets in a “worst-first” philosophy. Under this “worst-first” policy, streets are allowed to deteriorate to a nearly failed condition before any rehabilitation (such as overlays or reconstructions), are applied. This can also be called the “don’t fix if it isn’t broke” mentality.

Pavement management systems are designed with a more cost-effective, “best-first” approach. The reasoning behind this philosophy, is that it is better to treat streets with lower-cost, preventative maintenance treatments, such as slurry seals, chip seals, and crack seals, and extend their life cycle before the street condition deteriorates to a state where it requires more costly rehabilitation and reconstruction treatments. Generally, paved streets spend about three-quarters of their life-cycle in fair to good condition, where the street shows little sign of deterioration and has a high service level. After this time, the street condition begins to deteriorate at a rapid rate and, if not maintained properly, will soon reach a condition where it will require costly overlays and reconstructions. If treated with a surface seal and other preventative measures, the street condition will remain at a good level for a longer period of time. Figure 1 shows a typical condition deterioration curve for a street.

**Figure 1 – Street Condition over time**



## Existing Pavement Condition

The City is responsible for the repair and maintenance of 22.23 centerline miles of paved streets. The City's street network replacement value is estimated at \$22.0 million.<sup>3</sup> This asset valuation assumes replacement of the entire street network in present day dollars (street base and surface only, not curbs or sidewalk). This represents a significant asset for City officials to manage.

The average overall network Pavement Condition Index (PCI) of the City's street network is 84, which indicates that the street network is in 'Good' condition. The PCI is a measurement of pavement condition that ranges from 0 to 100. A newly constructed or overlaid street would have a PCI of 100, while a failed street (requiring complete reconstruction) would have a PCI under 25. Appendix B contains a report detailing the PCI information for each street.

Table 2 details the network statistics and pavement condition by functional class.

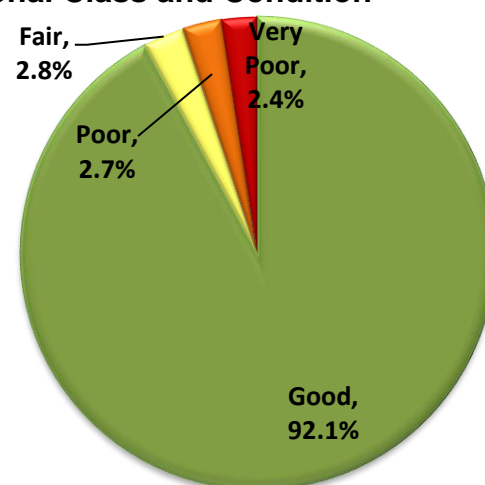
**Table 2 – Street Network Statistics and Average PCI by Functional Class**

Functional Class	# of Sections	Centerline Miles	Lane Miles	Average PCI
Collector	35	7.70	15.3978	80
Residential	145	14.53	29.05	86
Totals	180	22.23	44.44	84

Table 3 and Figure 2 details the percentage of the street network area by each PCI range or condition category.

**Table 3 and Figure 2 – Percent Network Area by Functional Class and Condition**

Condition Class	PCI Range	Collector	Residential	Total
Good (I)	70-100	30.1%	62.0%	92.1%
Fair (II/III)	50-70	1.0%	1.8%	2.8%
Poor (IV)	25-50	0.9%	1.8%	2.7%
Very Poor (V)	0-25	2.4%	0.0%	2.4%
Totals		34.4%	65.6%	



<sup>3</sup> Replacement value is calculated as the current cost to reconstruct each street in the network, based on the values in the Streetsaver decision tree. This does not include sidewalks or curb.

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## Present Cost to Repair the Street Network

The MTC Pavement Management Program (PMP) is designed to achieve an optimal network PCI somewhere between the low and mid 80's, which is in the middle of the good condition category. In other words, the system will recommend maintenance treatments in an attempt to bring all of the streets in the City to a 'Good' condition, with the majority of the streets falling in the low to mid 80's PCI range. Streets will remain in the 'Good' condition category for a longer period of time if relatively inexpensive preventive maintenance treatments are used. Once the PCI falls below 70, more expensive rehabilitation treatments will be needed.

The Budget Needs module of the PMP estimates a necessary funding level for the City's pavement preservation and rehabilitation program of \$2.52 million<sup>4</sup> over the next six-year period (2019–2024) in order to improve and maintain the street network PCI at an optimal level in the lower to mid 80's. Of this total, approximately \$1.4 million is needed in the first year alone.

As mentioned earlier, the average PCI for the City's streets is 84, which is in the 'Good' condition category. Why then, does it cost so much to repair the City's streets, and why bother improving them?

First, the cost to repair and maintain a pavement depends on its current PCI. In the 'Good' category, it costs very little to apply preventive maintenance treatments such as crack and surface seals (slurry seal), which can extend the life of a pavement by correcting minor faults and reducing further deterioration. Minor treatments are applied before pavement deterioration has become severe and usually costs less than \$2.70 per square yard<sup>5</sup>. 92.1% of the City's street network would benefit from these relatively inexpensive, life-extending treatments.

2.8% of the City's street network falls into the 'Fair' condition category. Pavements in this range show some form of distress caused by traffic load related activity or environmental distress that requires more than a life-extending treatment. At this point, a well-designed pavement will have served at least 75 percent of its life, with the quality of the pavement dropping approximately 40 percent. A residential street is usually still a good candidate for a slurry seal at this point (with crack sealing and localized digouts, where needed) at a cost of approximately \$3.25 to \$4.50 per square yard (depending on extent of digouts). A collector street usually would require a thin asphalt overlay (cold mill and 2 inch overlay) at approximately \$19.44 /sq. yd.

2.7% of the City's street network falls into the 'Poor' condition category. These pavements are near the end of their service lives, and often exhibit major forms of distress such as potholes, extensive cracking, etc. At this stage, a street usually requires cold mill and 2 to 4 inch overlay, at a cost of \$19.44 to \$36.63/sq yd.

2.4% of the City's street network falls into the 'Very Poor' condition category. Streets in the 'Very Poor' condition category indicate that the street has failed. These pavements are at the end of their service lives and have major distresses, often indicating the failure of the sub base. Streets at this stage require major rehabilitation, usually the complete reconstruction of the street surface.

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<sup>4</sup> Treatment costs are based on this year's average costs per square yard, with future years including a 3% inflation adjustment per year after 2019.

<sup>5</sup> For detailed treatments and costs used in analysis for this report, see appendix C – Decision Tree report

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Estimated costs to reconstruct the street surface are \$44/sq yard for residential streets and \$82.50/sq yard for collector streets.

One of the key elements of a pavement repair strategy is to keep streets that are in the 'Good' or 'Fair' categories from deteriorating. This is particularly true for streets in the 'Fair' range, because they are at the point where pavement deterioration accelerates if left untreated. However, the deterioration rate for pavements in the 'Poor' to 'Very Poor' range is relatively flat and the condition of these streets will not decline significantly if repairs are delayed. As more 'Good' streets deteriorate into the 'Fair', 'Poor', and 'Very Poor' categories, the cost of deferred maintenance will continue to increase. The cost of the deferred maintenance backlog will stop increasing only when enough funds are provided to prevent streets from deteriorating into a worse condition category, or the whole network falls into the 'Very Poor' category (i.e. cannot deteriorate any further). The deferred maintenance backlog refers to the dollar amount of maintenance and rehabilitation work that should have been completed to maintain the street in 'Good' condition, but had to be deferred due to funding deficiencies for preventative maintenance and/or pavement rehabilitation programs. The actual repairs that are being deferred are often referred to as a "backlog."

## **Future Expenditures for Pavement Maintenance**

Assuming projected funding is allocated for pavement maintenance; we anticipate that the City will spend \$2.5 million on pavement maintenance rehabilitation during the next six years (2019 - 2024) as detailed on Table 4.

## **Budget Needs**

Based on the principle that it costs less to maintain streets in good condition than bad, the MTC PMP strives to develop a maintenance strategy that will first improve the overall condition of the network to an optimal PCI somewhere between the low and mid 80's, and then sustain it at that level. The average PCI for the City is 84, which is in the 'Good' condition category. Current funding strategies demonstrate there is a \$905,648 deferred maintenance backlog<sup>6</sup> in the first year of the scenario. If these issues are not addressed, the quality of the street network will inevitably decline. In order to correct these deficiencies, cost-effective funding and street maintenance strategies must be implemented.

The first step in developing a cost-effective maintenance and rehabilitation strategy is to determine, assuming unlimited revenues, the maintenance "needs" of the City's street network. Using the PMP budget needs module; street maintenance needs are estimated at \$2.52 million over the next six years. If the City follows the strategy recommended by the program, the average network PCI will increase to 85. If, however, current pavement maintenance funding is exhausted and little or no maintenance is applied over the next six years, already distressed streets will continue to deteriorate, and the network PCI will drop to 75. The results of the budget needs analysis are summarized in Table 5.<sup>7</sup>

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<sup>6</sup> Definition of deferred maintenance backlog can be found in Appendix A

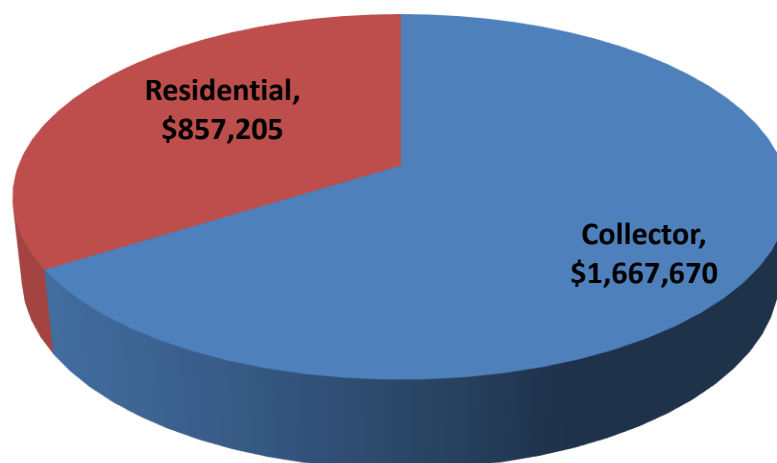
<sup>7</sup> Actual program outputs are included in Appendixes B through F

**Table 4. Summary of Results from Needs Analysis**

<i>Fiscal Years</i>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>Total</b>
<b>PCI with Treatment</b>	90	90	89	87	86	85	---
<b>PCI, no Treatment</b>	83	81	79	77	75	73	---
<b>Budget Needs Total</b>	\$1,369,980	\$952,400	\$142,823	\$14,947	\$23,491	\$21,324	<b>\$21,324</b>
<b>Rehabilitation Portion</b>	\$783,940	\$351,727	\$26,459	\$0	\$0	\$19,006	<b>\$1,181,132</b>
<b>Preventative Maintenance Portion</b>	\$585,950	\$600,673	\$116,364	\$14,947	\$23,491	\$2,318	<b>\$2,318</b>

Table 5 shows the level of expenditure required to raise the City's pavement condition to an optimal network PCI of 85 and eliminate the current maintenance and rehabilitation backlog. The results of the budget needs analysis represent the ideal funding strategy recommended by the MTC PMP. Of the in maintenance and rehabilitation needs shown, approximately or is earmarked for preventive maintenance or life-extending treatments, while or is allocated for the more costly rehabilitation and reconstruction treatments.

Figure 4 is based on the budget needs predictive module. The pavement management program is recommending a funding level of \$2.52 million over a six-year period. Figure 4 illustrates the funding distribution by street functional classification.

**Figure 4. Budget Needs Funding Distribution by Functional Classification**



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## Budget Scenarios

Having determined the maintenance and rehabilitation needs of the City's street network, the next step in developing a cost-effective maintenance and rehabilitation strategy is to conduct 'what-if' analyses. Using the PMP budget scenarios module, the impact of various budget scenarios can be evaluated. The program projects the effects of the different scenarios on pavement condition PCI and deferred maintenance (backlog). By examining the effects on these indicators, the advantages and disadvantages of different funding levels and maintenance strategies become clear. For the purpose of this report, the following scenarios were run for six (6)-year periods (2019-2024). The results are summarized in Table 6.

1. *Unconstrained (zero "deferred maintenance")* — The annual amounts, as identified in the budget needs analysis totaling \$2.52 million, were input into the scenarios module. This scenario shows the effects of implementing the ideal investment strategy (as recommended by the MTC PMP Needs module).
2. *Current Investment Level* — An annual budget of \$425,000 was evaluated over six years, for a total of \$2.5 million, to determine the effects of continuing pavement maintenance at the current budget level. The overall network PCI remains at the current level of 84 through 2024.
3. *Zero Funding* — Ceasing all funding for street maintenance would result in the overall network PCI declining by eleven points, to 75 over the duration of the six-year analysis period. This scenario was run to illustrate the importance of maintaining a well funded street maintenance program.

**Table 6. Scenario Summary**

Scenario Name	6 Year Budget	2024 PCI (change)	2024 Deferred Maintenance	2024 % Good	2024 % Very Poor
1 – Unconstrained	\$2.52 million	85 (+1)	\$0	96.9%	0.0%
2 – Current Investment	\$2.5 million	84 (0)	\$508,219	96.1%	0.0%
3 – Zero Funding	\$0	73 (-11)	\$2.5 million	82.6%	3.3%

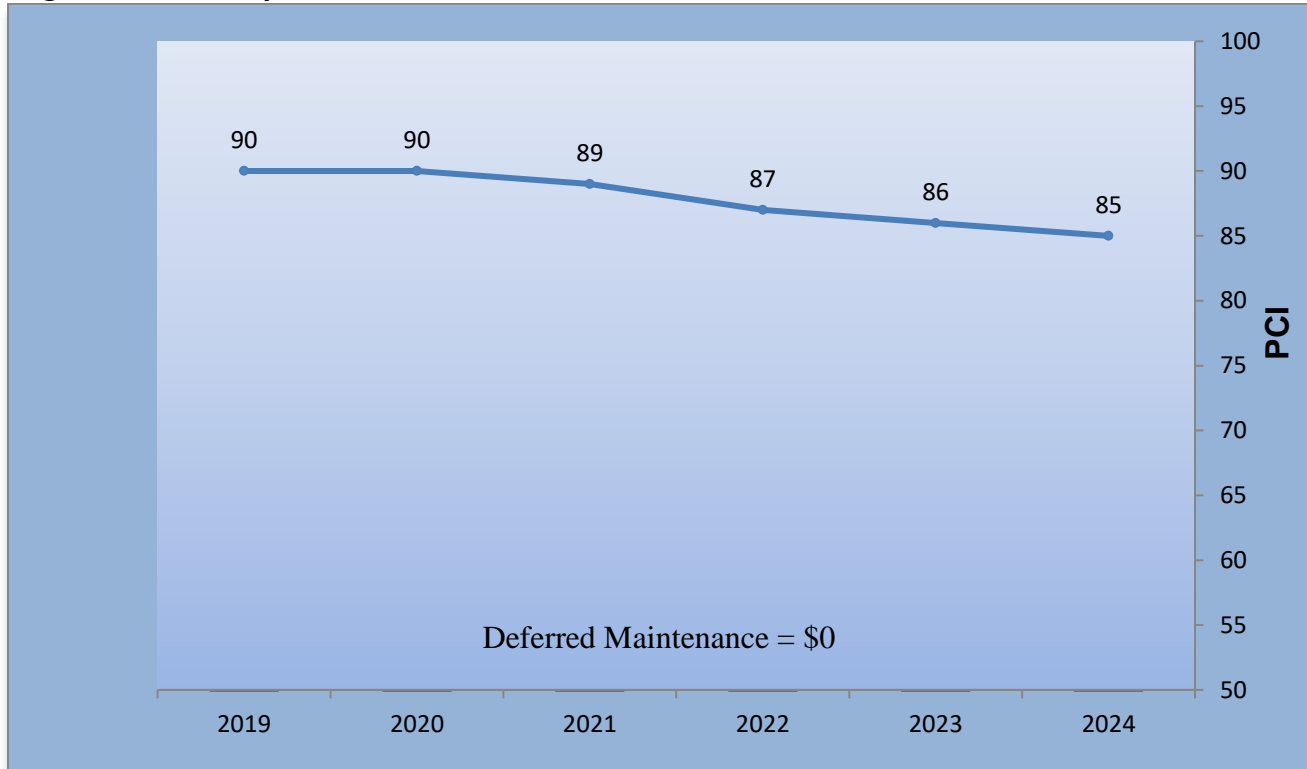
### Scenario 1 — Unconstrained Needs (zero deferred maintenance)

This scenario shows the effects of implementing the ideal investment strategy (as recommended by the MTC PMP needs module). Because it is more cost-effective to eliminate the deferred maintenance backlog as quickly as possible, the bulk of the deferred maintenance needs are addressed in the first year of the six-year program, raising the overall average network PCI to 90. The street network is maintained at an optimal level through the six years, reaching 85 by 2024. By 2024, 96.9% of the network improves into the 'Good' condition category, an increase from the current level of 92.1% in 'Good' condition. These results are shown in both Table 7 and Figure 5.

**Table 7. Summary of Results from Scenario 1 — Unconstrained Needs**

	2019	2020	2021	2022	2023	2024	Total
<b>Budget Total</b>	\$1,369,980	\$952,400	\$142,823	\$14,947	\$23,491	\$21,324	<b>\$2,524,965</b>
<b>Rehabilitation budget</b>	\$783,940	\$351,727	\$26,459	\$0	\$0	\$19,006	<b>\$1,181,132</b>
<b>Preventative Maintenance budget</b>	\$585,950	\$600,673	\$116,364	\$14,947	\$23,491	\$2,318	<b>\$1,343,743</b>
<b>Deferred Maintenance</b>	\$0	\$0	\$0	\$0	\$0	\$0	---
<b>PCI</b>	90	90	89	87	86	85	

**Figure 5. Summary of Results from Scenario 1 — Unconstrained Needs**



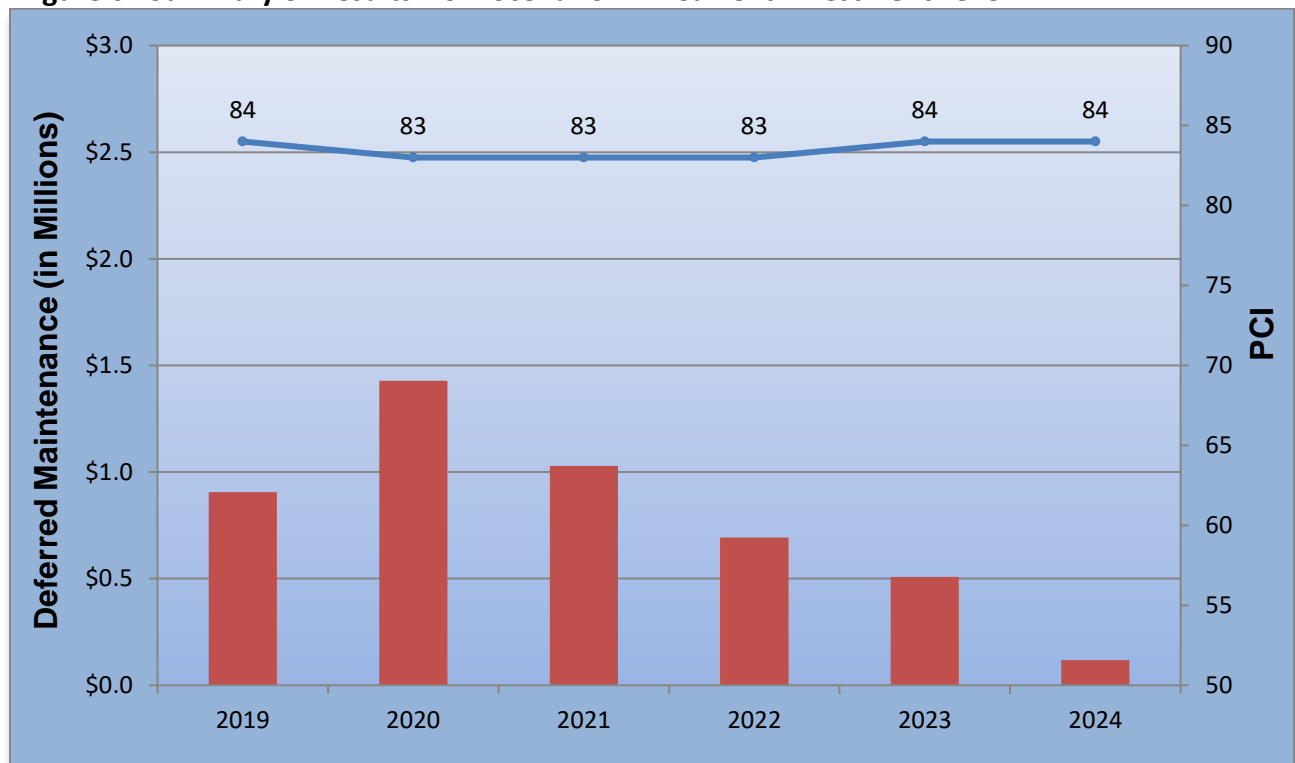
## Scenario 2 — Current Investment Level

This scenario shows the effects of the City’s current budget for street maintenance of \$2.5 million over six years. Under this scenario, the overall network PCI remains at 84 through 2024. Under this investment level, the deferred maintenance backlog decreases from \$905,648 in 2019, to \$117,718 in 2024. The street network in ‘Poor’ to ‘Very Poor’ condition decreases from 5.1% currently, to 1.9% in 2024. The percentage of the street network in ‘Good’ condition increases, from 92.1% currently, to 96.1% in 2024. While the overall spending in this scenario is nearly identical to that in Scenario 1, the results are slightly worse, as Scenario 1 front loads the spending, allocating 92% of the funding in the first two years of the scenario. Results are illustrated in Table 8 and Figure 6.

**Table 8. Summary of Results from Scenario 2 — Current Investment Level**

	2019	2020	2021	2022	2023	2024	Total
<b>Budget Total</b>	\$425,000	\$425,000	\$490,350	\$357,480	\$379,350	\$471,633	<b>\$2,548,813</b>
<b>Rehabilitation budget</b>	\$424,970	\$0	\$53,920	\$357,475	\$379,350	\$0	<b>\$1,215,715</b>
<b>Preventative Maintenance budget</b>	\$0	\$424,979	\$435,535	\$0	\$0	\$471,427	<b>\$1,331,941</b>
<b>Deferred Maintenance</b>	\$905,648	\$1,427,981	\$1,028,054	\$691,852	\$508,219	\$117,718	---
<b>PCI</b>	84	83	84	83	83	84	

**Figure 6. Summary of Results from Scenario 2 — Current Investment Level**



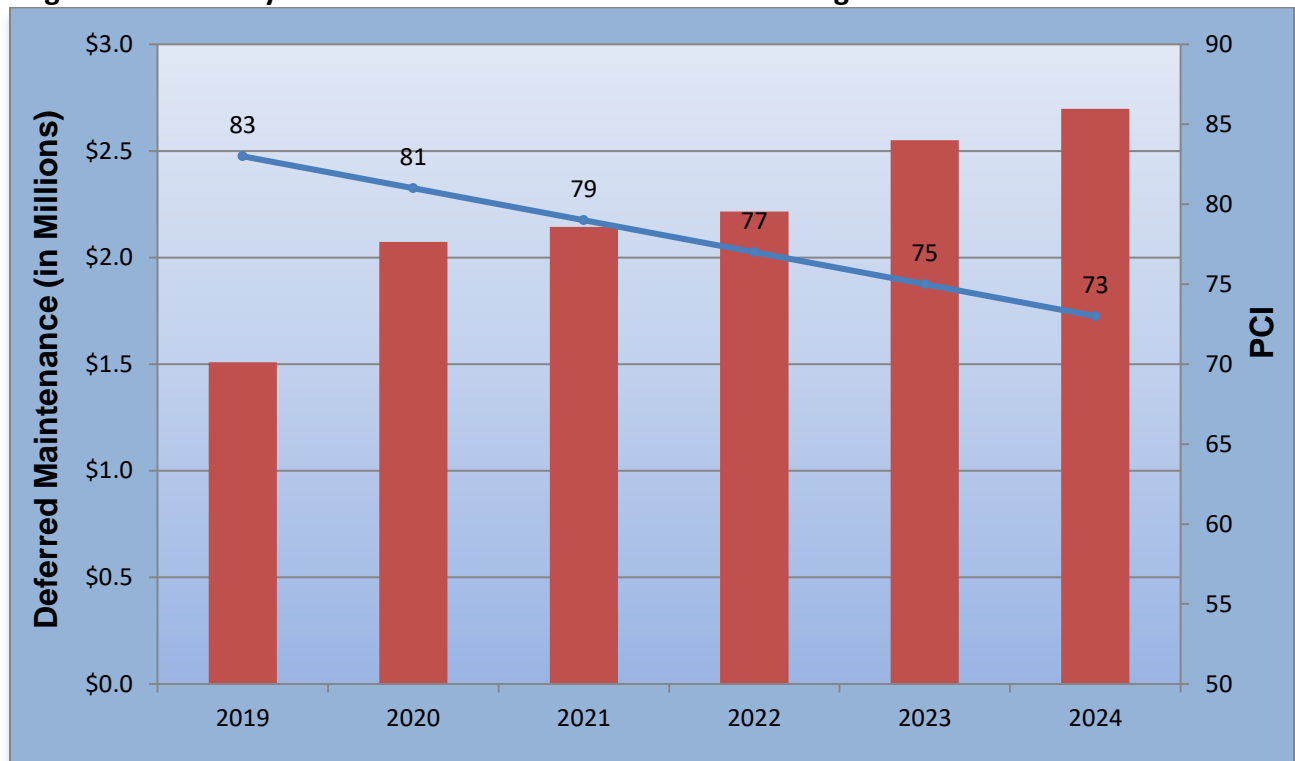
### Scenario 3 — Zero Funding

This scenario analyzes the effects on the street network condition with zero funding over the next six years. Under this scenario the overall network PCI declines by eleven points, from the current level of 84, to 73 in 2024. At this funding level the deferred maintenance backlog increases from \$1.5 million in 2019, to \$2.5 million in 2024. The percentage of the street network in the ‘Good’ condition category decreases to 82.6% in 2024, from the current level of 92.1%. The percentage of roads in ‘Very Poor’ condition increases to 3.3% from the current level of 2.4%. This highlights the needs of maintaining a well-funded street maintenance budget. These results are illustrated in Table 9 and Figure 7.

**Table 9. Summary of Results, Scenario 3 — Zero Funding**

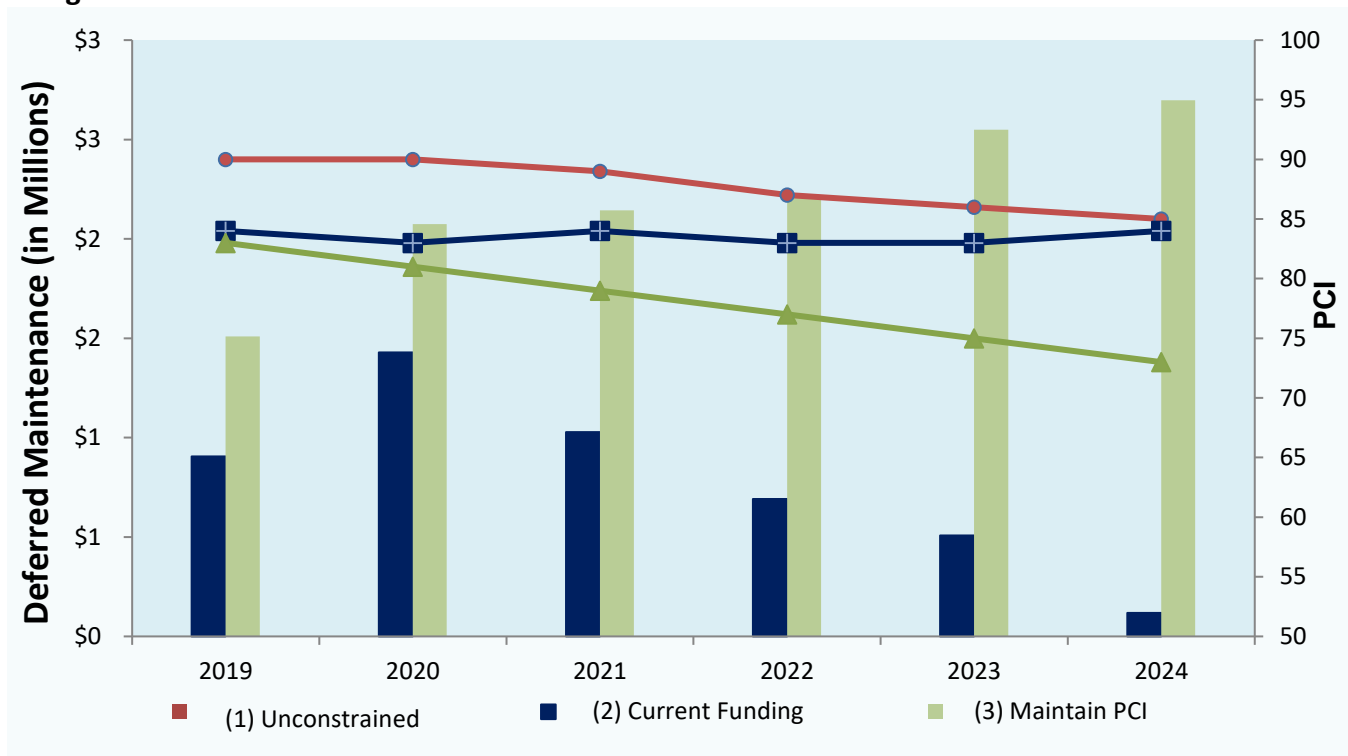
	2019	2020	2021	2022	2023	2024	Total
<b>Budget Total</b>	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Rehabilitation budget</b>	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Preventative Maintenance budget</b>	\$0	\$0	\$0	\$0	\$0	\$0	<b>\$0</b>
<b>Deferred Maintenance</b>	\$1,508,432	\$2,073,627	\$2,143,766	\$2,215,407	\$2,549,667	\$2,697,313	---
<b>PCI</b>	83	81	79	77	75	73	

**Figure 7. Summary of Results from Scenario 3 — Zero Funding**

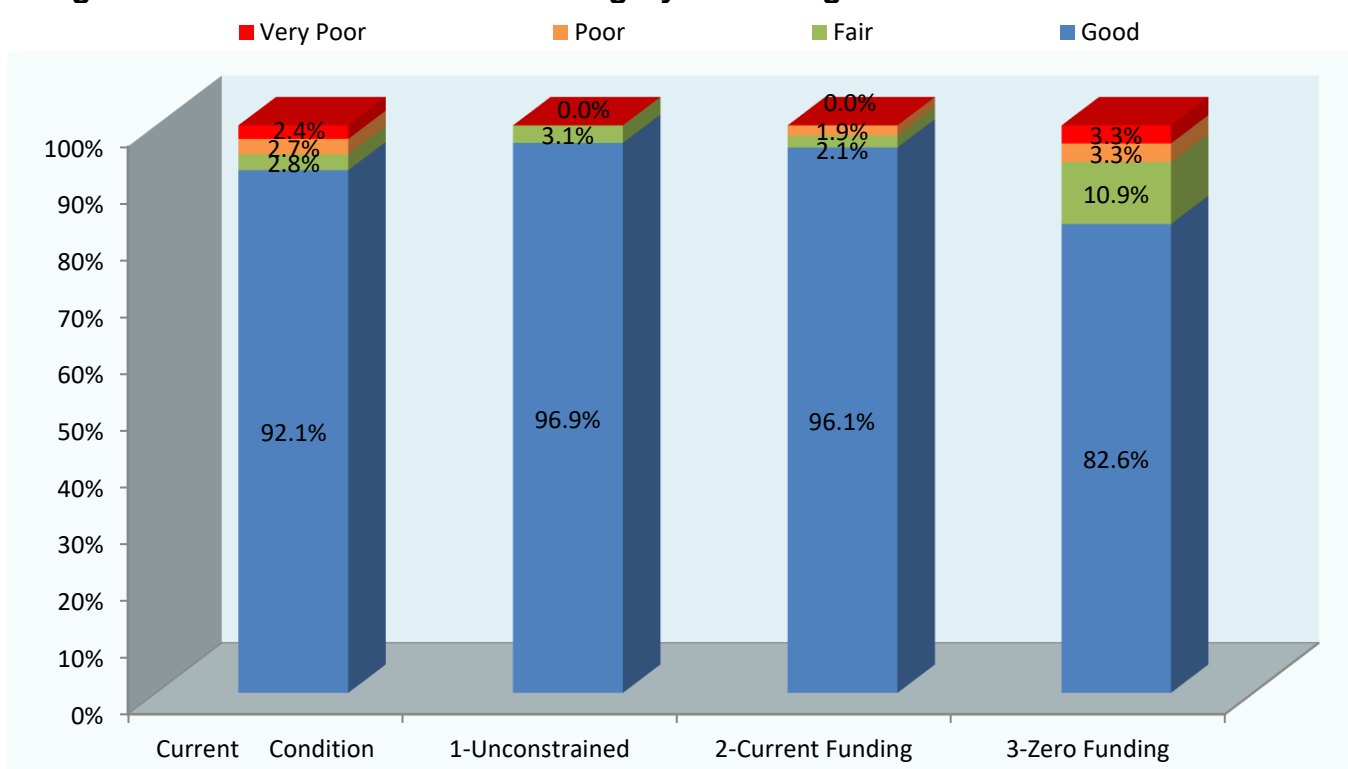


A comparison of the three scenarios is summarized in Figures 9 and 10. Figure 9 depicts the deferred maintenance costs as they relate to PCI for the three scenarios evaluated. Figure 10 depicts the percent of the street network in the various condition categories for the three scenarios evaluated.

**Figure 9 - Deferred Maintenance and PCI of Scenarios 1-3**



**Figure 10 – Pavement Condition Category Percentages in 2024 – Scenarios 1-3**





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## Recommendations

Of the various maintenance and funding options considered, the *ideal* strategy for the City is presented in Scenario 1, with a six-year expenditure total of \$2.52 million. Not only does this surface management plan improve the network to an optimal level of 85, it also eliminates the entire deferred maintenance backlog in the first year. As examined scenarios deviate from this strategy, the cost to the City will increase in the long term. However, the amount of funds in the first year of expenditure, approximately \$1.4 million, may make this strategy unrealistic for the City. This scenario can, however, be used as a base line for comparing other scenarios.

The current six-year funding level totaling \$2.5 million (Scenario 2) will result in the current network PCI of 84 maintaining at that level over the course of six years. The deferred maintenance price tag will decrease, from \$905,648 in 2019, to \$117,718 in 2024. By following this strategy through 2024, 96.1% of the City's street will be in the 'Good' condition category, an increase from the current level of 92.1% in 'Good' condition. The City's current planned funding for street maintenance should be adequate to maintain nearly all streets in Good condition for the next six years.

Ten year analyses show that there should be only an additional \$720,000 needed in 2025-2028. Half of this would be for the rehabilitation of Luther Ln, and the other \$360,000 would be for preventative maintenance (slurry seals and crack sealing). The street network condition would be maintained at a near optimal level of 82, with \$0 in deferred backlog.

Scenario and Needs analyses assume that the City will follow a good pavement management philosophy of prioritizing preventative maintenance over rehabilitation. By first ensuring that Good streets stay Good, through the use of a cost-effective slurry and crack seal program, the City will save money in the long run. The use thin AC overlays to rehabilitate streets in Fair condition should be the second priority, followed by thick overlays on Poor streets. Failed streets should be the lowest priority, as the reconstruction that would be required to rehabilitate them are very expensive, and the money is better used on more cost-effective treatments to maintain and rehabilitate better streets.

Preparation of a budget options report is just one step in using the MTC PMP to build an effective street maintenance program. Recommendations for further steps are:

- Link major street repairs with utility maintenance schedules to prevent damage to newly paved street surfaces.
- Obtain detailed subsurface information on selected sections before major rehabilitation projects are contracted. Costs for large rehabilitation projects are extremely variable and estimates can sometimes be reduced following project-level engineering analysis. It is possible that only a portion of a street recommended for reconstruction actually requires such heavy-duty repair.
- Evaluate the specific treatments and costs recommended by the PMP, and modify them to reflect the actual repairs and unit costs that are expected to be used.
- Test other budget options with varying revenues and preventive maintenance and rehabilitation splits.

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In addition to performing cyclic pavement condition inspections, unit cost information for the applications of various maintenance and rehabilitation treatments should be updated annually in the PMP 'Decision Tree Module'. If this data is not kept current, the City runs the risk of understating actual funding requirements to adequately maintain the street network. A pavement inspection cycle that would allow for the inspection of streets every three years is recommended.

The City has completed the foundation work necessary to execute a successful pavement management plan. The street system is in 'Good' condition. At the current investment level, the overall street condition should maintain at 84, and the deferred maintenance backlog will likely decrease as more 'Poor' and 'Very Poor' streets are rehabilitated. The City should maintain the current level of street maintenance funding over the next six years.

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## **Appendix A**

### Definitions

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The *Pavement Condition Index*, or PCI, is a measurement of the health of the pavement network or condition and ranges from 0 to 100. A newly constructed street would have a PCI of 100, while a failed street would have a PCI of 10 or less. The PCI is calculated based on pavement distresses identified in the field.

*Network* is defined as a complete inventory of all streets and other pavement facilities in which the City has jurisdiction and maintenance responsibilities. To facilitate the management of streets, they are subdivided into management sections identified as a segment of street, which has the same characteristics.

*Urban Arterial street* system carries the major portion of trips entering and leaving the urban area, as well as the majority of through movements desiring to bypass the central City. In addition, significant intra-area-travel such as between central business districts and outlying residential areas exists.

*Urban Collector Street* provides land access service and traffic circulation within residential neighborhoods, commercial, and industrial areas. It differs from the arterial system in that facilities on a collector system may penetrate residential neighborhoods.

*Urban Local Street* system comprises all facilities not one of the higher systems. It serves primarily to provide direct access to abutting land and access to the higher systems.

*Preventive Maintenance* refers to repairs applied while the pavement is in “good” condition. Such repairs extend the life of the pavement at relatively low costs, and prevent the pavement from deteriorating into conditions requiring more expensive treatments. Preventive maintenance treatments include slurry seals, crack sealing, and deep patching. Treatments of this sort are applied before pavement deterioration has become severe and usually cost less than \$3.00/sq. yd.

*Deferred Maintenance* refers to the dollar amount of maintenance and rehabilitation work that should have been completed to maintain the street in “good” condition, but had to be deferred due to funding deficiencies for preventative maintenance and/or pavement rehabilitation programs. The actual repairs that are being deferred are often referred to as a “backlog.”

*Stop Gap* refers to the dollar amount of repairs applied to maintain the pavement in a serviceable condition (e.g. pothole patching). These repairs are a temporary measure to stop resident complaints, and do not extend the pavement life. Stopgap repairs are directly proportional to the amount of deferred maintenance.

*Surface Types* – AC is an Asphalt Concrete street that has one year’s asphalt, for example a street that has been newly constructed or reconstructed. In contrast AC/AC (in reports marked as O – AC/AC) is a street that has an overlay treatment over the original asphalt construction. Streets marked as ST do not have an asphalt concrete layer, only a surface composed of layers of oil and rock (macadam or chip seal). Portland Concrete Cement streets (PCC) are a mix of Portland cement, coarse aggregate, and sand.

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*‘Good’ Condition Category* – Streets in ‘Good’ condition have no to little distresses found on them. These streets may have some minor surface weathering or light cracking, but can generally be maintained with cost-effective preventative maintenance treatments (surface seals and crack seals).

*‘Fair’ Condition Category* – Streets in ‘Fair’ condition show some form of distress caused by traffic load related activity or environmental distress that requires more than a life-extending treatment. The MTC Streetsaver program separates these into two condition categories for the purposes of the analysis. Category II – ‘non-load’ and Category III – ‘load-related’, based on whether a majority of the distresses found had load or environmental related causes

*‘Poor’ Condition Category* – Streets in ‘Poor’ condition are near the end of their service lives and often exhibit major forms of distress such as potholes, extensive alligator cracking, and/or pavement depressions.

*‘Very Poor’ Condition Category* - Streets in the ‘Very Poor’ condition category indicate that the street has failed. These pavements are at the end of their service lives and have major distresses, often indicating the failure of the sub base

*Load related distress* - . Load related distresses, such as alligator cracking, rutting, and depressions are usually a sign of a sub-base issue, caused by repeated traffic loads.

*Non-load related distress* - Non-load (or environmental), distresses typically have environmental causes related to the pavement becoming older and less elastic (brittle). Typical non-load distresses are longitudinal or transverse cracking, block cracking, and surface weathering and raveling.



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## **Appendix B**

Network Summary Statistics

Network Replacement Cost

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Printed: 01/17/2019

	Total Sections	Total Center Miles	Total Lane Miles	PCI
<b>Residential/Local</b>	145	14.53	29.05	86
<b>Major Collector (5)</b>	12	3.84	7.67	78
<b>Minor Collector (6)</b>	23	3.86	7.72	81
<b>Total</b>	<b>180</b>	<b>22.22</b>	<b>44.44</b>	
<b>Overall Network PCI as of 1/17/2019:</b>				<b>84</b>
<b>**Combined</b>	<b>2</b>	<b>0.49</b>	<b>0.98</b>	<b>N/A</b>
Gravel	2	0.49	0.98	N/A

**\*\* Combined Sections are excluded from totals. These Sections do not have a PCI Date - they have not been inspected or had a Treatment applied.**

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Functional Class	Surface Type	Lane Miles	Unit Cost/ Square Foot	Pavement Area/ Square Feet	Cost To Replace (in thousands)
Major Collector (5)	AC	7.7	\$9.17	574,464	\$5,266
Minor Collector (6)	AC	7.7	\$9.17	613,312	\$5,622
Residential/Local	AC	29.1	\$4.88	2,266,242	\$11,067
Grand Total:		44.4		3,454,018	\$21,955

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## **Appendix C**


### Decision Tree

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## Decision Tree

Printed: 01/17/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SLURRY SEAL	\$2.70		7	
			Restoration Treatment	COLD MILL AND 2 IN OVERLAY	\$19.44			3
		II - Good, Non-Load Related		SLURRY AND CRACK SEAL	\$3.25		7	
		III - Good, Load Related		COLD MILL AND 2 IN OVERLAY	\$19.44			
		IV - Poor		COLD MILL AND 4 IN OVERLAY	\$36.63			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$82.50			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SLURRY SEAL	\$2.70		7	
			Restoration Treatment	COLD MILL AND 2 IN OVERLAY	\$19.44			3
		II - Good, Non-Load Related		SLURRY AND CRACK SEAL	\$3.25		7	
		III - Good, Load Related		COLD MILL AND 2 IN OVERLAY	\$19.44			
		IV - Poor		COLD MILL AND 4 IN OVERLAY	\$36.63			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$82.50			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SINGLE CHIP SEAL	\$0.74		7	
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3
		II - Good, Non-Load Related		DOUBLE CHIP SEAL	\$1.52			
		III - Good, Load Related		HEATER SCARIFY & OVERLAY	\$5.95			
		IV - Poor		HEATER SCARIFY & OVERLAY	\$6.14			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$11.38			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		II - Good, Non-Load Related		DO NOTHING	\$1.11			
		III - Good, Load Related		DO NOTHING	\$1.51			
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92			
		V - Very Poor		THIN AC OVERLAY(1.5 INCHES)	\$7.47			


 Functional Class and Surface combination not used



## Decision Tree

Printed: 01/17/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SLURRY SEAL	\$2.70		8	
			Restoration Treatment	COLD MILL AND 2 IN OVERLAY	\$19.44			3
		II - Good, Non-Load Related		SLURRY AND CRACK SEAL	\$3.25		8	
		III - Good, Load Related		SLURRY AND CRACK SEAL W/DIGOUTS	\$4.50		8	
		IV - Poor		COLD MILL AND 2 IN OVERLAY	\$19.44			
		V - Very Poor		RECONSTRUCT SURFACE (AC)	\$43.95			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SLURRY SEAL	\$2.70		8	
			Restoration Treatment	COLD MILL AND 2 IN OVERLAY	\$19.44			3
		II - Good, Non-Load Related		SLURRY AND CRACK SEAL	\$3.25		8	
		III - Good, Load Related		SLURRY AND CRACK SEAL W/DIGOUTS	\$4.50		8	
		IV - Poor		COLD MILL AND 2 IN OVERLAY	\$19.44			
		V - Very Poor		RECONSTRUCT SURFACE (AC)	\$43.95			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.19	4		
			Surface Treatment	SINGLE CHIP SEAL	\$0.74		8	
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3
		II - Good, Non-Load Related		DOUBLE CHIP SEAL	\$1.52			
		III - Good, Load Related		HEATER SCARIFY & OVERLAY	\$5.95			
		IV - Poor		HEATER SCARIFY & OVERLAY	\$6.14			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$8.25			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	4		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		II - Good, Non-Load Related		DO NOTHING	\$1.11			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92			
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$7.27			

 Functional Class and Surface combination not used

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## **Appendix D**

### Scenario Analysis Reports

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# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,369,980	0%	2022	\$14,947	0%			
2020	\$952,400	0%	2023	\$23,491	0%			
2021	\$142,823	0%	2024	\$21,324	0%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	83	90	13.88	27.75
2020	81	90	4.69	9.38
2021	79	88	2.72	5.43
2022	77	87	0.27	0.54
2023	75	85	0.45	0.91
2024	73	83	0.04	0.09

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	30.1%	62.0%	0.0%	92.1%
II / III	0.0%	1.0%	1.8%	0.0%	2.8%
IV	0.0%	0.9%	1.8%	0.0%	2.7%
V	0.0%	2.4%	0.0%	0.0%	2.4%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	33.4%	65.1%	0.0%	98.6%
II / III	0.0%	0.0%	0.5%	0.0%	0.5%
IV	0.0%	0.9%	0.0%	0.0%	0.9%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	32.4%	64.6%	0.0%	96.9%
II / III	0.0%	2.0%	1.0%	0.0%	3.1%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

## Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2019	0%	\$1,369,980	II	\$29,425	Non-Project	\$585,708	\$0	\$0	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$132,718	Project	\$0				
			V	\$196,827						
			Total	\$358,970						
			Project	\$424,970						
2020	0%	\$952,400	II	\$24,818	Non-Project	\$166,129	\$0	\$14,956	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$20,337	Project	\$424,979				
			V	\$306,572						
			Total	\$351,727						
			Project	\$0						
2021	0%	\$142,823	II	\$26,459	Non-Project	\$116,285	\$0	\$15,482	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$26,459						
			Project	\$0						
2022	0%	\$14,947	II	\$0	Non-Project	\$14,947	\$0	\$15,947	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$0						
			Project	\$0						
2023	0%	\$23,491	II	\$0	Non-Project	\$23,460	\$0	\$10,109	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$0						
			Project	\$0						
2024	0%	\$21,324	II	\$0	Non-Project	\$0	\$0	\$10,412	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$19,006	Project	\$0				
			V	\$0						
			Total	\$19,006						
			Project	\$0						

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap
<b>Summary</b>							
Functional Class			Rehabilitation	Prev. Maint.		Funded Stop Gap	Unmet Stop Gap
Collector			\$954,554	\$715,601		\$0	\$0
Residential/Local			\$226,578	\$615,907		\$0	\$0
<b>Grand Total:</b>			\$1,181,132	\$1,331,508		\$0	\$0

# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/22/2019

Scenario: (2) Current Funding

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$425,000	0%	2022	\$357,480	0%			
2020	\$425,000	0%	2023	\$379,350	0%			
2021	\$490,350	100%	2024	\$471,633	100%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	83	84	0.47	0.95
2020	81	83	0.38	0.77
2021	79	84	9.62	19.24
2022	77	83	0.31	0.62
2023	75	83	0.48	0.96
2024	73	84	8.64	17.28

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	30.1%	62.0%	0.0%	92.1%
II / III	0.0%	1.0%	1.8%	0.0%	2.8%
IV	0.0%	0.9%	1.8%	0.0%	2.7%
V	0.0%	2.4%	0.0%	0.0%	2.4%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	31.8%	62.0%	0.0%	93.8%
II / III	0.0%	1.0%	1.8%	0.0%	2.8%
IV	0.0%	0.9%	1.8%	0.0%	2.7%
V	0.0%	0.6%	0.0%	0.0%	0.6%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	33.3%	62.7%	0.0%	96.1%
II / III	0.0%	1.0%	1.0%	0.0%	2.1%
IV	0.0%	0.0%	1.9%	0.0%	1.9%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

## Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2019	0%	\$425,000	II	\$0	Non-Project	\$0	\$0	\$905,648	Funded	\$0
			III	\$0					Unmet	\$4,242
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$0						
			Project	\$424,970						
2020	0%	\$425,000	II	\$0	Non-Project	\$0	\$0	\$1,427,981	Funded	\$0
			III	\$0					Unmet	\$3,108
			IV	\$0	Project	\$424,979				
			V	\$0						
			Total	\$0						
			Project	\$0						
2021	100%	\$490,350	II	\$0	Non-Project	\$424,230	\$895	\$1,028,054	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$11,305				
			V	\$0						
			Total	\$0						
			Project	\$53,920						
2022	0%	\$357,480	II	\$0	Non-Project	\$0	\$0	\$691,852	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$32,233	Project	\$0				
			V	\$325,242						
			Total	\$357,475						
			Project	\$0						
2023	0%	\$379,350	II	\$0	Non-Project	\$0	\$0	\$508,219	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$157,819	Project	\$0				
			V	\$221,531						
			Total	\$379,350						
			Project	\$0						
2024	100%	\$471,633	II	\$0	Non-Project	\$424,789	\$206	\$117,718	Funded	\$0
			III	\$0					Unmet	\$196
			IV	\$0	Project	\$46,638				
			V	\$0						
			Total	\$0						
			Project	\$0						

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap
<b>Summary</b>							
Functional Class			Rehabilitation	Prev. Maint.		Funded Stop Gap	Unmet Stop Gap
Collector			\$1,143,306	\$731,572		\$0	\$5,257
Residential/Local			\$72,409	\$600,369		\$0	\$2,289
<b>Grand Total:</b>			\$1,215,715	\$1,331,941		\$0	\$7,546



# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/22/2019

Scenario: (3) Zero Funding

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$0	0%	2022	\$0	0%			
2020	\$0	0%	2023	\$0	0%			
2021	\$0	0%	2024	\$0	0%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	83	83	0	0
2020	81	81	0	0
2021	79	79	0	0
2022	77	77	0	0
2023	75	75	0	0
2024	73	73	0	0

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	30.1%	62.0%	0.0%	92.1%
II / III	0.0%	1.0%	1.8%	0.0%	2.8%
IV	0.0%	0.9%	1.8%	0.0%	2.7%
V	0.0%	2.4%	0.0%	0.0%	2.4%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	30.1%	62.0%	0.0%	92.1%
II / III	0.0%	1.0%	1.8%	0.0%	2.8%
IV	0.0%	0.9%	1.8%	0.0%	2.7%
V	0.0%	2.4%	0.0%	0.0%	2.4%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	25.6%	57.0%	0.0%	82.6%
II / III	0.0%	4.5%	6.3%	0.0%	10.9%
IV	0.0%	1.0%	2.3%	0.0%	3.3%
V	0.0%	3.3%	0.0%	0.0%	3.3%
<b>Total</b>	<b>0.0%</b>	<b>34.4%</b>	<b>65.6%</b>	<b>0.0%</b>	<b>100.0%</b>

## Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (3) Zero Funding

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2019	0%	\$0	II	\$0	Non-Project	\$0	\$1,508,194	Funded	\$0
			III	\$0				Unmet	\$9,605
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					
2020	0%	\$0	II	\$0	Non-Project	\$0	\$2,073,420	Funded	\$0
			III	\$0				Unmet	\$4,100
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					
2021	0%	\$0	II	\$0	Non-Project	\$0	\$2,143,521	Funded	\$0
			III	\$0				Unmet	\$1,058
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					
2022	0%	\$0	II	\$0	Non-Project	\$0	\$2,215,218	Funded	\$0
			III	\$0				Unmet	\$248
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					
2023	0%	\$0	II	\$0	Non-Project	\$0	\$2,549,667	Funded	\$0
			III	\$0				Unmet	\$722
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					
2024	0%	\$0	II	\$0	Non-Project	\$0	\$2,697,313	Funded	\$0
			III	\$0				Unmet	\$11,483
			IV	\$0	Project	\$0			
			V	\$0					
			Total	\$0					
			Project	\$0					

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap
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<i>Summary</i>						
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap		
Collector	\$0	\$0	\$0	\$22,072		
Residential/Local	\$0	\$0	\$0	\$5,146		
<b>Grand Total:</b>	\$0	\$0	\$0	\$27,218		

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## **Appendix E**

Section PCI/RSL Listing Report

Map - Section Limits

Map - Current PCI Condition

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Printed: 01/22/2019

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
10TH	010	10TH ST	Hunter Avenue	Sertic Road	524	33	17,292	R - Residential/Local	A - AC	89	31.44
10TH	020	10TH ST	Sertic Road	Pvmt Change	803	33	26,499	R - Residential/Local	A - AC	85	29.12
10TH	030	10TH ST	Pvmt Change	Aspen Ridge Drive	581	33	19,173	R - Residential/Local	A - AC	92	33.21
2ND	010	2ND ST	Brooker Lane	Broadway Avenue	271	45	12,195	R - Residential/Local	A - AC	95	33.94
2ND	020	2ND ST	Broadway Avenue	Dunham Avenue	289	40	11,560	R - Residential/Local	A - AC	95	33.97
2ND	030	2ND ST	Dunham Avenue	McCutcheon Avenue	291	40	11,640	R - Residential/Local	A - AC	64	16.33
3RD	010	3RD ST	Brooker Lane	Broadway Avenue	250	46	11,500	R - Residential/Local	A - AC	94	33.72
3RD	020	3RD ST	Broadway Avenue	Dunham Avenue	296	22	6,512	R - Residential/Local	A - AC	95	33.97
3RD	030	3RD ST	Dunham Avenue	McCutcheon Avenue	290	22	6,380	R - Residential/Local	A - AC	74	24.75
3RD	040	3RD ST	McCutcheon Avenue	Hunter Avenue	273	33	9,009	R - Residential/Local	A - AC	81	25.65
3RD	050	3RD ST	Hunter Avenue	South Terminus	484	33	15,972	R - Residential/Local	A - AC	87	30.33
4TH	010	4TH ST	Brooker Lane	Broadway Avenue	222	46	10,212	R - Residential/Local	A - AC	92	33.21
4TH	020	4TH ST	Broadway Avenue	McCutcheon Avenue	591	27	15,957	R - Residential/Local	A - AC	89	31.44
4TH	030	4TH ST	McCutcheon Avenue	Hunter Avenue	274	33	9,042	R - Residential/Local	A - AC	95	33.87
5TH	010	5TH ST	North Terminus	Broadway Avenue	197	16	3,152	R - Residential/Local	A - AC	92	33.21
5TH	020	5TH ST	Broadway Avenue	McCutcheon Avenue	585	34	19,890	R - Residential/Local	A - AC	95	33.87
5TH	030	5TH ST	McCutcheon Avenue	Hunter Avenue	276	33	9,108	R - Residential/Local	A - AC	82	26.96
5TH	040	5TH ST	Hunter Avenue	113 Ft N. of Woodland	712	29	20,648	R - Residential/Local	A - AC	78	24.68
5TH	050	5TH ST	113 Ft N. of Woodland	100 Ft S. of Woodland	213	29	6,177	R - Residential/Local	A - AC	73	23.09
5TH	060	5TH ST	100 Ft S. of Woodland	Bolton Hill Road	448	29	12,992	R - Residential/Local	A - AC	82	33.02
6TH	010	6TH ST	Broadway Avenue	Dunham Avenue	293	33	9,669	R - Residential/Local	A - AC	87	30.33
6TH	020	6TH ST	Dunham Avenue	McCutcheon Avenue	294	33	9,702	R - Residential/Local	A - AC	87	36.05
6TH	030	6TH ST	McCutcheon Avenue	Bolton Hill Avenue	1,667	24	40,008	R - Residential/Local	A - AC	81	26.6
7TH	010	7TH ST	Broadway Avenue	Dunham Avenue	290	33	9,570	R - Residential/Local	A - AC	83	30.78
7TH	020	7TH ST	Dunham Avenue	McCutcheon Avenue	289	33	9,537	R - Residential/Local	A - AC	94	33.72
7TH	030	7TH ST	McCutcheon Avenue	Hunter Avenue	282	25	7,050	R - Residential/Local	A - AC	92	33.2
7TH	040	7TH ST	Hunter Avenue	Sertic Road	506	22	11,132	R - Residential/Local	A - AC	69	20.41
7TH	050	7TH ST	North Terminus	Bolton Hill Road	341	33	11,253	R - Residential/Local	A - AC	87	30.33
8TH	010	8TH ST	HWY 126	Broadway Avenue	889	38	33,782	MiC - Minor Collector (6)	A - AC	79	17.08
8TH	020	8TH ST	Broadway Avenue	Dunham Ave	294	33	9,702	MiC - Minor Collector (6)	A - AC	88	19.49
8TH	030	8TH ST	Dunham Avenue	Bolton Hill Road	2,501	24	60,024	MiC - Minor Collector (6)	A - AC	17	0

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
8TH	040	8TH ST	Bolton Hill Road	Pvmt Change/Kingpin	646	33	21,318	MiC - Minor Collector (6)	A - AC	89	20.02
8TH	050	8TH ST	Pvmt Change/Kingpin	South Terminus	1,169	33	38,577	MiC - Minor Collector (6)	A - AC	93	22.1
9TH	010	9TH ST	Dunham Avenue	Hunter Avenue	573	25	14,325	R - Residential/Local	A - AC	92	33.21
9TH	020	9TH ST	Hunter Avenue	Sertic Road	510	25	12,750	R - Residential/Local	A - AC	87	30.32
9TH	030	9TH ST	9th Street	East Terminus	160	35	5,600	R - Residential/Local	A - AC	92	33.21
9TH	040	9TH ST	Sertic Road	Parkside Drive	290	30	8,700	R - Residential/Local	A - AC	88	30.9
9TH	050	9TH ST	Parkside Drive	100 ft S. of Dawn Ct	381	33	12,573	R - Residential/Local	A - AC	95	33.87
9TH	060	9TH ST	100 ft S. of Dawn Ct	South Terminus	664	33	21,912	R - Residential/Local	A - AC	76	26.79
ACORN	010	ACORN CT	Oak Island Drive	East Terminus	147	35	5,145	R - Residential/Local	A - AC	86	29.73
ALLURE	010	ALLURE AVE	Angel Creek Drive	Oak Island Drive	548	29	15,892	R - Residential/Local	A - AC	91	32.42
AMBER	010	AMBER CT	West Terminus	Natalie Lane	248	32	7,936	R - Residential/Local	A - AC	91	32.42
ANGELCRE EK	010	ANGEL CREEK DR	Allure Avenue	South Terminus	342	19	6,498	R - Residential/Local	A - AC	92	33.2
APPLEGAT E	010	APPLEGATE CT	Bolton Road	South Terminus	146	35	5,110	R - Residential/Local	A - AC	78	24.68
ARCANE	010	ARCANE AVE	Trek Drive	Halcyon Drive	407	29	11,803	R - Residential/Local	A - AC	91	32.42
ASPENRID GE	010	ASPEN RIDGE DR	West Terminus	10th St	432	33	14,256	R - Residential/Local	A - AC	95	33.87
BERRY	010	BERRY LN	Oak Island Lane	Ponderosa Drive	397	29	11,513	R - Residential/Local	A - AC	84	28.5
BERRY	020	BERRY LN	Ponerosa Drive	East Terminus	170	35	5,950	R - Residential/Local	A - AC	86	29.73
BLEK	010	BLEK DR	Territorial Road	Blek Drive Sec 02	610	29	17,690	R - Residential/Local	A - AC	76	26.71
BLEK	020	BLEK DR	Blek Drive Sec 01	Perkins Road	905	25	22,625	R - Residential/Local	A - AC	84	28.5
BOLTONHIL L	010	BOLTON HILL RD	Dogwood Lane	Territorial Road	3,475	37	128,575	MaC - Major Collector (5)	A - AC	86	20.97
BROOKER	010	BROOKER LN	4th Street	Territorial Road	897	12	10,764	R - Residential/Local	A - AC	95	33.87
CHENEY	010	CHENEY DR	8th Street	Strike Street	685	36	24,660	R - Residential/Local	A - AC	91	32.42
CHENEY	020	CHENEY DR	Territorial Road	E Bolton Road	1,773	32	56,736	MiC - Minor Collector (6)	A - AC	89	20.02
CHENEY	030	CHENEY DR	North Terminus	Cheney Drive	189	35	6,615	R - Residential/Local	A - AC	92	33.2
CHERRY	010	CHERRY LN	West Terminus	East Terminus	379	29	10,991	R - Residential/Local	A - AC	86	29.73
CHRISTOP HE	010	CHRISTOPHER LN	West Terminus	Lindsay Lane	119	33	3,927	R - Residential/Local	A - AC	89	31.44
CHRISTOP HE	020	CHRISTOPHER LN	Lindsay Lane	East Terminus	130	33	4,290	R - Residential/Local	A - AC	89	31.44

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CORKY	010	CORKY LN	Natale Lane	East Terminus	132	24	3,168	R - Residential/Local	A - AC	91	32.42
CORKY	020	CORKY LN	West Terminus	Pine Street	254	33	8,382	R - Residential/Local	A - AC	91	32.42
CORKY	030	CORKY LN	Pine Street	Crystal Street	645	33	21,285	R - Residential/Local	A - AC	79	28.62
CORNERSTON	010	CORNERSTONE DR	Hwy 126	Jeans Road	990	33	32,670	MiC - Minor Collector (6)	A - AC	93	22.1
COTTAGE	010	COTTAGE CT	Territorial Road	East Terminus	451	35	15,785	R - Residential/Local	A - AC	89	31.44
CROSSWOOD	010	CROSSWOOD LN	North Terminus	Jake Street	387	35	13,545	R - Residential/Local	A - AC	94	33.72
CRYSTAL	010	CRYSTAL ST	E Hunter Road	Corky Lane	586	33	19,338	R - Residential/Local	A - AC	79	28.62
DAWN	010	DAWN CT	West Terminus	9th Street	366	35	12,810	R - Residential/Local	A - AC	95	33.87
DUNHAM	010	DUNHAM AVE	Dunham Avenue	Terra Lane	356	20	7,120	R - Residential/Local	A - AC	85	29.12
DUNHAM	020	DUNHAM AVE	Dunham Loop	8th Street	540	22	11,880	R - Residential/Local	A - AC	87	30.33
DUNHAM	030	DUNHAM AVE	8th Street	5th Street	1,081	33	35,673	R - Residential/Local	A - AC	91	32.42
DUNHAM	040	DUNHAM AVE	5th Street	4th Street	299	33	9,867	R - Residential/Local	A - AC	89	31.44
DUNHAM	050	DUNHAM AVE	4th Street	2nd Street	584	40	23,360	R - Residential/Local	A - AC	85	29.12
DUNHAM	060	DUNHAM AVE	2nd Street	Territorial Road	317	38	12,046	R - Residential/Local	A - AC	95	33.87
BOLTON	010	E BOLTON RD	Territorial Road	End of Sidewalk	364	22	8,008	MiC - Minor Collector (6)	A - AC	93	22.1
BOLTON	020	E BOLTON RD	End Sidewalk	Pine Street	1,292	22	28,424	MiC - Minor Collector (6)	A - AC	93	22.1
BOLTON	030	E BOLTON RD	Bolton Rd/Trinity St	Cheney Drive	1,301	22	28,622	MiC - Minor Collector (6)	A - AC	85	19.79
BROADWAY	010	E BROADWAY AVE	8th Street	6th Street	720	41	29,520	MiC - Minor Collector (6)	A - AC	85	17.95
BROADWAY	020	E BROADWAY AVE	6th Street	Pvmt Change at 4th	587	28	16,436	MiC - Minor Collector (6)	A - AC	96	23.77
BROADWAY	030	E BROADWAY AVE	Pvmt Change at 4th	2nd Street	660	31	20,460	MiC - Minor Collector (6)	A - AC	87	20.22
BROADWAY	040	E BROADWAY AVE	2nd Street	Territorial Road	313	33	10,329	MiC - Minor Collector (6)	A - AC	88	21.34
BROADWAY	050	E BROADWAY AVE	Territorial Road	Pvmt Change	444	33	14,652	MiC - Minor Collector (6)	A - AC	91	21.07
BROADWAY	060	E BROADWAY AVE	Pvmt Change	End of Sidewalk	776	33	25,608	MiC - Minor Collector (6)	A - AC	82	16.49
BROADWAY	070	E BROADWAY AVE	End of Sidewalk	East Terminus	335	22	7,370	MiC - Minor Collector (6)	A - AC	82	16.49

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BROADWAY	080	E BROADWAY AVE	West Terminus	Lindsey Lane/End	246	35	8,610	R - Residential/Local	A - AC	87	30.33
BROADWAY	090	E BROADWAY AVE	Westwood Court	Eastwood Court	667	33	22,011	R - Residential/Local	A - AC	85	29.12
EASTWOOD	010	EASTWOOD CT	North Terminus	E Broadway Avenue	252	33	8,316	R - Residential/Local	A - AC	85	36.44
ERDMAN	010	ERDMAN WAY	Trinity Street	Jake Street	656	33	21,648	R - Residential/Local	A - AC	92	33.2
ESPRIT	010	ESPRIT CT	Irenic Avenue	South Terminus	416	29	12,064	R - Residential/Local	A - AC	92	33.21
FERNMEADOW	010	FERN MEADOWS LN	E Broadway Avenue	E Hunter Road	918	31	28,458	R - Residential/Local	A - AC	82	27.24
FERNDALE	010	FERNDALE CT	North Terminus	Cheney Drive	235	35	8,225	R - Residential/Local	A - AC	92	33.21
FOREST	010	FOREST CT	West Terminus	10th Street	151	35	5,285	R - Residential/Local	A - AC	87	30.33
GARBER	010	GARBER LN	North Terminus	Blek Drive	216	29	6,264	R - Residential/Local	A - AC	78	28.83
GREENBRIER	010	GREENBRIER CT	West Terminus	8th Street	314	35	10,990	R - Residential/Local	A - AC	92	33.21
GREENLEY	010	GREENLEY ST	Perkins Road	360 ft. North of Perkins Road	360	27	9,720	R - Residential/Local	A - AC	88	30.92
GREENLEY	020	GREENLEY ST	360 ft North of Perkins Rd	End 260 ft East of Lark Street	490	28	13,720	R - Residential/Local	A - AC	88	30.92
HALCYON	010	HALCYON DR	Perkins Road	South Terminus	1,289	29	37,381	R - Residential/Local	A - AC	92	32.84
HAWK VIEW	010	HAWK VIEW DR	Oaks Orchard Road	8th Street	372	29	10,788	R - Residential/Local	A - AC	92	33.21
HEATHERGLEN	010	HEATHER GLEN CT	West Terminus	Territorial Road	367	24	8,808	R - Residential/Local	A - AC	88	40.33
HEAVENLY	010	HEAVENLY LN	West Terminus	Bolton Road	350	30	10,500	R - Residential/Local	A - AC	94	33.72
HEAVENLY	020	HEAVENLY LN	Bolton Road	Trinity Street	736	30	22,080	R - Residential/Local	A - AC	94	33.72
HOPE	010	HOPE LN	Todd Way	Jeans Road	277	33	9,141	R - Residential/Local	A - AC	53	10.75
HOPE	020	HOPE LN	Jeans Road	Hwy 126	747	33	24,651	MiC - Minor Collector (6)	A - AC	84	17.46
HUNTER	010	HUNTER AVE	West Terminus/10th	East Terminus/ 9th	974	25	24,350	R - Residential/Local	A - AC	92	33.21
HUNTER	020	HUNTER AVE	7th Street	6th Street	360	25	9,000	MiC - Minor Collector (6)	A - AC	89	20.02
HUNTER	030	HUNTER AVE	6th Street	Territorial Road	1,564	28	43,792	MiC - Minor Collector (6)	A - AC	89	22.57
HUNTER	040	HUNTER AVE	Territorial Road	Crystal Lane	2,020	22	44,440	MaC - Major Collector (5)	A - AC	79	15.75



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Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
HUNTER	050	HUNTER AVE	Crystal Lane	Huston Road	3,575	22	78,650	MaC - Major Collector (5)	A - AC	84	17.34
HUSTON	010	HUSTON RD	North City Limits	HWY 126	373	25	9,325	MaC - Major Collector (5)	A - AC	78	15.84
HUSTON	020	HUSTON RD	HWY 126	Hunter Road	1,435	25	35,875	MaC - Major Collector (5)	A - AC	75	12.52
IRENIC	010	IRENIC AVE	Muse Drive	Halcyon Drive	1,274	29	36,946	R - Residential/Local	A - AC	92	32.84
JACK KELLY	010	JACK KELLY LN	8th Street	Territorial Road	2,383	28	66,724	R - Residential/Local	A - AC	71	21.02
JAKE	010	JAKE ST	Oak Island Drive	E Bolton Road	708	33	23,364	R - Residential/Local	A - AC	92	33.2
JAKE	020	JAKE ST	West Terminus	Longwood Lane	1,017	33	33,561	R - Residential/Local	A - AC	94	33.72
JEANS	010	JEANS RD	Territorial Road	Forest Meadows Lane	3,794	33	125,202	MaC - Major Collector (5)	A - AC	86	21.39
JEANS	020	JEANS RD	Forest Meadow Lane	Eastern City Limits	1,566	22	34,452	MaC - Major Collector (5)	A - AC	64	9.68
KINGPIN	010	KINGPIN LP	8th Street	8th Street	653	33	21,549	R - Residential/Local	A - AC	87	30.32
KINGPIN	020	KINGPIN LP	8th Street	Strike Street	556	33	18,348	R - Residential/Local	A - AC	92	33.21
LARKST	010	LARK ST	Perkins Road	Greenley Street	351	28	9,828	R - Residential/Local	A - AC	88	30.92
LARO	010	LARO CT	West Terminus	Fern Meadows Lane	343	32	10,976	R - Residential/Local	A - AC	85	36.44
LEGACY	010	LEGACY CT	West Terminus	Oak Island Drive	303	29	8,787	R - Residential/Local	A - AC	91	32.42
LINDSAY	010	LINDSAY LN	E Broadway Avenue	E Hunter Road	1,042	32	33,344	R - Residential/Local	A - AC	87	30.33
LLAMA	010	LLAMA LN	E Hunter Road	Corky Lane	623	32	19,936	R - Residential/Local	A - AC	79	28.62
LONGWOOD	010	LONGWOOD LN	Trinity Street	Jake Street	527	33	17,391	R - Residential/Local	A - AC	92	33.21
LOTEN	010	LOTEN WAY	West Terminus	Cornerstone Drive	911	32	29,152	R - Residential/Local	A - AC	92	33.21
LOTEN	020	LOTEN WAY	Cornerstone Drive	East Terminus	543	32	17,376	R - Residential/Local	A - AC	92	33.21
LUTHER	010	LUTHER LN	Territorial Road	East Terminus	1,779	32	56,928	R - Residential/Local	A - AC	46	7.14
MCCUTCH EON	010	MCCUTCHEON AVE	8th Street	3rd Street	1,669	29	48,401	R - Residential/Local	A - AC	95	33.97
MCCUTCH EON	020	MCCUTCHEON AVE	3rd Street	2nd Street	296	30	8,880	R - Residential/Local	A - AC	95	33.96
MCCUTCH EON	030	MCCUTCHEON AVE	2nd Street	Territorial Road	314	32	10,048	R - Residential/Local	A - AC	95	33.97
MEADOWDALE	010	MEADOWDALE LN	5th Street	East Terminus	74	28	2,072	R - Residential/Local	A - AC	84	28.5
MEADOWDALE	020	MEADOWDALE LN	West Terminus	Territorial Road	515	34	17,510	R - Residential/Local	A - AC	83	34.12

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MUSE	010	MUSE DR	Allure Avenue	South Terminus	780	29	22,620	R - Residential/Local	A - AC	89	31.44
NATALIE	010	NATALIE LN	E Hunter Road	Corky Lane	888	24	21,312	R - Residential/Local	A - AC	91	32.42
NORMAN	010	NORMAN AVE	Cheney Drive	South Terminus	564	29	16,356	R - Residential/Local	A - AC	84	28.5
NOTTINGHAM AM	010	NOTTINGHAM ST	West Terminus	10th Street	324	33	10,692	R - Residential/Local	A - AC	94	33.72
NOTTINGHAM AM	020	NOTTINGHAM ST	10th Street	Sherwood Street	266	33	8,778	R - Residential/Local	A - AC	94	33.72
OAK ISLAND	010	OAK ISLAND DR	North of Jake Street	South Terminus	260	33	8,580	R - Residential/Local	A - AC	89	31.44
OAK ISLAND	020	OAK ISLAND DR	North Terminus	Cheney Drive	256	29	7,424	R - Residential/Local	A - AC	82	27.24
OAK ISLAND	030	OAK ISLAND DR	Cheney Drive	Cherry Lane	700	29	20,300	R - Residential/Local	A - AC	84	28.5
OAK ISLAND	040	OAK ISLAND DR	Cherry Lane	Perkins Road	1,019	29	29,551	R - Residential/Local	A - AC	95	33.87
OAK ISLAND	050	OAK ISLAND DR	Perkins Road	Allure Avenue	501	29	14,529	R - Residential/Local	A - AC	91	32.42
OAKS ORCHD	010	OAKS ORCHARD RD	Hawk View Drive	South Terminus	385	29	11,165	R - Residential/Local	A - AC	92	33.21
OREGON	010	OREGON CIR	5th Street	East Terminus	129	35	4,515	R - Residential/Local	A - AC	51	10.22
PARKSIDE	010	PARKSIDE DR	West Terminus	10th Street	246	29	7,134	R - Residential/Local	A - AC	88	30.9
PARKSIDE	020	PARKSIDE DR	10th Street	8th Street	1,100	29	31,900	R - Residential/Local	A - AC	90	31.95
PERKINS	050	PERKINS CT	Perkins Road	North Terminus	256	35	8,960	R - Residential/Local	A - AC	73	21.55
PERKINS	005	PERKINS DR	Greenley Street	330 ft. W. of Rendevous Lp (West int)	833	35	29,155	MaC - Major Collector (5)	A - AC	91	21.03
PERKINS	010	PERKINS DR	330 ft. W. of Rendevous Lp (West int)	Territorial Road	968	36	34,848	MaC - Major Collector (5)	A - AC	89	20.02
PERKINS	020	PERKINS DR	Territorial Road	Blek Drive	669	24	16,056	MaC - Major Collector (5)	A - AC	34	1.78
PERKINS	030	PERKINS DR	Blek Drive	Perkins Sec 03	566	29	16,414	MaC - Major Collector (5)	A - AC	27	0.38
PERKINS	040	PERKINS DR	Perkins Sec 02	Eastern City Limits	976	22	21,472	MaC - Major Collector (5)	A - AC	18	0
PINE	010	PINE ST	E Hunter Road	Corky Lane	671	34	22,814	MiC - Minor Collector (6)	A - AC	81	18.18
PINE	020	PINE ST	Corky Lane	Trinity Street	671	37	24,827	MiC - Minor Collector (6)	A - AC	87	18.97

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PLACID	010	PLACID ST	Irenc Avenue	Stellar Avenue	414	29	12,006	R - Residential/Local	A - AC	92	33.2
PONDERO SA	010	PONDEROSA DR	Cheney Drive	Pvmt Change	378	29	10,962	R - Residential/Local	A - AC	88	30.9
PONDERO SA	020	PONDEROSA DR	Pvmt Change	South Terminus	209	29	6,061	R - Residential/Local	A - AC	92	33.21
RENDEZVO US	010	RENDEZVOUS LP	Perkins Road	Perkins Road	1,024	28	28,672	R - Residential/Local	A - AC	89	31.44
RHAPSOD Y	010	RHAPSODY AVE	Trek Drive	Halcyon Drive	473	29	13,717	R - Residential/Local	A - AC	92	33.2
RUBY JEAN	010	RUBY JEAN LN	North Terminus	E Hunter Road	380	35	13,300	R - Residential/Local	A - AC	89	31.44
SERTIC	010	SERTIC RD	West Terminus	Road Width Change	916	14	12,824	R - Residential/Local	A - AC	85	32.54
SERTIC	020	SERTIC RD	Road Width Change	8th Street	1,405	22	30,910	R - Residential/Local	A - AC	84	30.95
SERTIC	030	SERTIC RD	8th Street	7th Street	476	24	11,424	R - Residential/Local	A - AC	87	30.33
SHERWOO D	010	SHERWOOD ST	South Terminus	9th Street	667	33	22,011	R - Residential/Local	A - AC	95	33.87
SPARE	010	SPARE LN	West Terminus	Strike Street	335	35	11,725	R - Residential/Local	A - AC	85	29.12
STELLAR	010	STELLAR AVE	Placid Street	Halcyon Drive	728	29	21,112	R - Residential/Local	A - AC	92	33.2
STRIKE	010	STRIKE ST	8th Street	Cheney Drive	1,537	33	50,721	R - Residential/Local	A - AC	90	31.95
SUN RIDGE	010	SUN RIDGE WAY	8th Street	East Terminus	101	29	2,929	R - Residential/Local	A - AC	94	33.72
SUNRIDG	010	SUN RIDGE WAY	Perkins Road	Dead end North of Perkins Road	625	28	17,500	R - Residential/Local	A - AC	88	30.92
TERRA	010	TERRA LN	Dunham Loop	9th Street	222	24	5,328	R - Residential/Local	A - AC	92	33.21
TERITORIA L	010	TERRITORIAL CT	North Terminus	Territorial Road	774	29	22,446	R - Residential/Local	A - AC	84	28.5
TIDBALL	010	TIDBALL LN	Huston Road	East City Limit	665	10	6,650	R - Residential/Local	A - AC	95	33.94
TODD	010	TODD WAY	West Terminus	Hope Lane	564	32	18,048	R - Residential/Local	A - AC	74	22.17
TODD	020	TODD WAY	Hope Lane	East Terminus	758	32	24,256	R - Residential/Local	A - AC	66	17.44
TODD	030	TODD WAY	North Terminus	Jeans Road	230	33	7,590	R - Residential/Local	A - AC	60	14.21
TREK	010	TREK DR	Perkins Road	Stellar Avenue	1,294	29	37,526	R - Residential/Local	A - AC	92	32.84
TRINITY	010	TRINITY ST	E Bolton Road	Longwood Lane	1,314	35	45,990	MiC - Minor Collector (6)	A - AC	88	19.49
TYRO	010	TYRO AVE	Trek Drive	Halcyon Drive	470	29	13,630	R - Residential/Local	A - AC	91	32.42
WESTWOO D	010	WESTWOOD CT	North Terminus	E Broadway Avenue	264	33	8,712	R - Residential/Local	A - AC	81	30.68

Printed: 01/22/2019

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
WOODBERRY	010	WOODBERRY LN	North Terminus	Trinity Street	329	24	7,896	R - Residential/Local	A - AC	92	33.21
WOODLAND D	010	WOODLAND AVE	5th Street	6th Street	442	25	11,050	R - Residential/Local	A - AC	89	31.44
WOODLAND D	020	WOODLAND AVE	5th Street	Meadowdale Lane	1,013	25	25,325	R - Residential/Local	A - AC	88	30.9
Total Section Length:										117,324	
Total Section Area:										3,454,018	

## 2019 Pavement Management Report

### Section ID Map



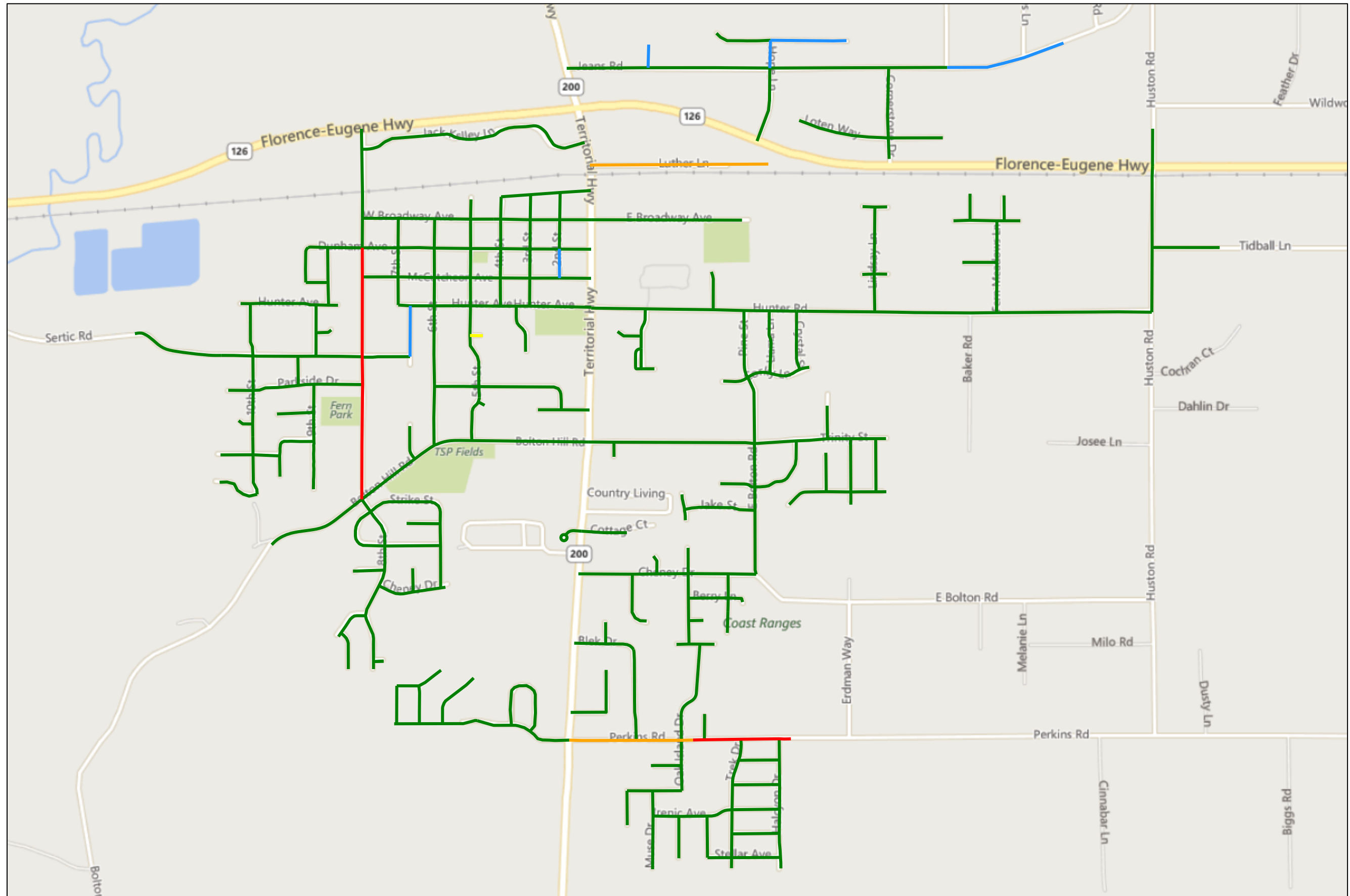
City of Veneta

# Current PCI Condition

**Printed: 1/18/2019**

### Feature Legend

- Category I - Very Good
- Category II - Good (Non-Load)
- Category III - Good (Load)
- Category IV - Poor
- Category V - Very Poor



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## **Appendix F**

### **Scenarios - Sections Selected for Treatment**

*Scenario - Current Funding - Sections Selected for Treatment*

*Scenario - Unconstrained Needs - Sections Selected for Treatment*

*Scenarios - Sections Selected for Treatment Reports for each Scenario are available separate from this report. These reports show a list of all treatments selected in any given year for each Scenario.*

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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$425,000	0%	2022	\$357,480	0%			
2020	\$425,000	0%	2023	\$379,350	0%			
2021	\$490,350	100%	2024	\$471,633	100%			

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
**8TH ST	Dunham Avenue	Bolton Hill Road	8TH	030	2,501	24	60,024	MiC	AC	16	11	100	\$424,970	8,283	RECONSTRUCT STRUCTURE (AC)
										Treatment Total		\$424,970			
Year 2019 Area Total							60,024	Year 2019 Total		\$424,970					

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
**HUNTER AVE	Territorial Road	Crystal Lane	HUNTER	040	2,020	22	44,440	MaC	AC	78	75	100	\$424,979	3,658	RECONSTRUCT STRUCTURE (AC)
										Treatment Total		\$424,979			
Year 2020 Area Total							44,440	Year 2020 Total		\$424,979					

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
3RD ST	Dunham Avenue	MCCutcheon Avenue	3RD	030	290	22	6,380	R	AC	73	70	79	\$2,031	46,177	SLURRY AND CRACK SEAL
3RD ST	McCutcheon Avenue	Hunter Avenue	3RD	040	273	33	9,009	R	AC	80	76	84	\$2,868	34,191	SLURRY AND CRACK SEAL
5TH ST	McCutcheon Avenue	Hunter Avenue	5TH	030	276	33	9,108	R	AC	81	77	85	\$2,899	35,329	SLURRY AND CRACK SEAL
5TH ST	Hunter Avenue	113 Ft N. of Woodland	5TH	040	712	29	20,648	R	AC	77	73	82	\$6,572	37,208	SLURRY AND CRACK SEAL
5TH ST	100 Ft S. of Woodland	Bolton Hill Road	5TH	060	448	29	12,992	R	AC	81	79	87	\$4,135	55,529	SLURRY AND CRACK SEAL



# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

**Year: 2021**

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
6TH ST	Dunham Avenue	McCutcheon Avenue	6TH	020	294	33	9,702	R	AC	86	84	91	\$3,088	43,884	SLURRY AND CRACK SEAL
6TH ST	McCutcheon Avenue	Bolton Hill Avenue	6TH	030	1,667	24	40,008	R	AC	80	77	85	\$12,734	36,505	SLURRY AND CRACK SEAL
7TH ST	Broadway Avenue	Dunham Avenue	7TH	010	290	33	9,570	R	AC	82	79	86	\$3,046	43,219	SLURRY AND CRACK SEAL
8TH ST	HWY 126	Broadway Avenue	8TH	010	889	38	33,782	MiC	AC	78	74	82	\$10,752	50,242	SLURRY AND CRACK SEAL
8TH ST	Broadway Avenue	Dunham Ave	8TH	020	294	33	9,702	MiC	AC	87	83	90	\$3,088	41,365	SLURRY AND CRACK SEAL
8TH ST	Bolton Hill Road	Pvmt Change/Kingpin	8TH	040	646	33	21,318	MiC	AC	88	84	90	\$6,785	40,824	SLURRY AND CRACK SEAL
8TH ST	Pvmt Change/Kingpin	South Terminus	8TH	050	1,169	33	38,577	MiC	AC	92	88	93	\$12,278	35,682	SLURRY AND CRACK SEAL
9TH ST	100 ft S. of Dawn Ct	South Terminus	9TH	060	664	33	21,912	R	AC	75	73	81	\$6,974	49,213	SLURRY AND CRACK SEAL
APPLEGATE CT	Bolton Road	South Terminus	APPLEGATE	010	146	35	5,110	R	AC	77	73	82	\$1,627	37,208	SLURRY AND CRACK SEAL
BERRY LN	Oak Island Lane	Ponderosa Drive	BERRY	010	397	29	11,513	R	AC	83	80	87	\$3,665	34,564	SLURRY AND CRACK SEAL
BLEK DR	Territorial Road	Blek Drive Sec 02	BLEK	010	610	29	17,690	R	AC	75	72	81	\$5,631	49,081	SLURRY AND CRACK SEAL
BLEK DR	Blek Drive Sec 01	Perkins Road	BLEK	020	905	25	22,625	R	AC	83	80	87	\$7,201	34,564	SLURRY AND CRACK SEAL
E BOLTON RD	Territorial Road	End of Sidewalk	BOLTON	010	364	22	8,008	MiC	AC	92	87	93	\$2,549	37,335	SLURRY AND CRACK SEAL
E BOLTON RD	End Sidewalk	Pine Street	BOLTON	020	1,292	22	28,424	MiC	AC	92	87	93	\$9,047	37,328	SLURRY AND CRACK SEAL
E BOLTON RD	Bolton Rd/Trinity St	Cheney Drive	BOLTON	030	1,301	22	28,622	MiC	AC	84	79	87	\$9,110	50,021	SLURRY AND CRACK SEAL
BOLTON HILL RD	Dogwood Lane	Territorial Road	BOLTONHILL	010	3,475	37	128,575	MaC	AC	85	82	89	\$40,922	54,061	SLURRY AND CRACK SEAL
E BROADWAY AVE	8th Street	6th Street	BROADWAY	010	720	41	29,520	MiC	AC	84	79	87	\$9,396	41,589	SLURRY AND CRACK SEAL
E BROADWAY AVE	Pvmt Change at 4th	2nd Street	BROADWAY	030	660	31	20,460	MiC	AC	86	82	89	\$6,512	46,952	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
E BROADWAY AVE	2nd Street	Territorial Road	BROADWAY	040	313	33	10,329	MiC	AC	87	83	90	\$3,288	49,255	SLURRY AND CRACK SEAL
E BROADWAY AVE	Territorial Road	Pvmt Change	BROADWAY	050	444	33	14,652	MiC	AC	90	86	92	\$4,664	38,827	SLURRY AND CRACK SEAL
E BROADWAY AVE	Pvmt Change	End of Sidewalk	BROADWAY	060	776	33	25,608	MiC	AC	81	76	84	\$8,151	40,346	SLURRY AND CRACK SEAL
E BROADWAY AVE	End of Sidewalk	East Terminus	BROADWAY	070	335	22	7,370	MiC	AC	81	76	84	\$2,346	40,346	SLURRY AND CRACK SEAL
CHENEY DR	Territorial Road	E Bolton Road	CHENEY	020	1,773	32	56,736	MiC	AC	88	84	90	\$18,058	40,824	SLURRY AND CRACK SEAL
CORKY LN	Pine Street	Crystal Street	CORKY	030	645	33	21,285	R	AC	78	75	84	\$6,775	47,527	SLURRY AND CRACK SEAL
CORNERSTONE DR	Hwy 126	Jeans Road	CORNERSTONE	010	990	33	32,670	MiC	AC	92	88	93	\$10,398	35,682	SLURRY AND CRACK SEAL
CRYSTAL ST	E Hunter Road	Corky Lane	CRYSTAL	010	586	33	19,338	R	AC	78	75	84	\$6,155	47,527	SLURRY AND CRACK SEAL
EASTWOOD CT	North Terminus	E Broadway Avenue	EASTWOOD	010	252	33	8,316	R	AC	84	82	89	\$2,647	55,595	SLURRY AND CRACK SEAL
FERN MEADOWS LN	E Broadway Avenue	E Hunter Road	FERNMEADOW	010	918	31	28,458	R	AC	81	78	86	\$9,058	36,000	SLURRY AND CRACK SEAL
GARBER LN	North Terminus	Blek Drive	GARBER	010	216	29	6,264	R	AC	77	75	83	\$1,994	52,391	SLURRY AND CRACK SEAL
HEATHER GLEN CT	West Terminus	Territorial Road	HEATHER GLEN	010	367	24	8,808	R	AC	87	85	92	\$2,804	53,350	SLURRY AND CRACK SEAL
HOPE LN	Jeans Road	Hwy 126	HOPE	020	747	33	24,651	MiC	AC	83	78	86	\$7,846	41,305	SLURRY AND CRACK SEAL
HUNTER AVE	7th Street	6th Street	HUNTER	020	360	25	9,000	MiC	AC	88	84	90	\$2,865	40,822	SLURRY AND CRACK SEAL
HUNTER AVE	6th Street	Territorial Road	HUNTER	030	1,564	28	43,792	MiC	AC	88	85	91	\$13,938	51,406	SLURRY AND CRACK SEAL
HUNTER AVE	Crystal Lane	Huston Road	HUNTER	050	3,575	22	78,650	MaC	AC	83	78	86	\$25,032	40,880	SLURRY AND CRACK SEAL
HUSTON RD	North City Limits	HWY 126	HUSTON	010	373	25	9,325	MaC	AC	77	71	80	\$2,968	42,890	SLURRY AND CRACK SEAL
JEANS RD	Territorial Road	Forest Meadows Lane	JEANS	010	3,794	33	125,202	MaC	AC	85	82	89	\$39,849	56,890	SLURRY AND CRACK SEAL
LARO CT	West Terminus	Fern Meadows Lane	LARO	010	343	32	10,976	R	AC	84	82	89	\$3,494	55,595	SLURRY AND CRACK SEAL
LLAMA LN	E Hunter Road	Corky Lane	LLAMA	010	623	32	19,936	R	AC	78	75	84	\$6,346	47,527	SLURRY AND CRACK SEAL
MEADOWDALE LN	5th Street	East Terminus	MEADOWDALE	010	74	28	2,072	R	AC	83	80	87	\$660	34,561	SLURRY AND CRACK SEAL
MEADOWDALE LN	West Terminus	Territorial Road	MEADOWDALE	020	515	34	17,510	R	AC	82	80	88	\$5,573	55,746	SLURRY AND CRACK SEAL
OAK ISLAND DR	North Terminus	Cheney Drive	OAK ISLAND	020	256	29	7,424	R	AC	81	78	86	\$2,363	36,001	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
OAK ISLAND DR	Cheney Drive	Cherry Lane	OAK ISLAND	030	700	29	20,300	R	AC	83	80	87	\$6,461	34,564	SLURRY AND CRACK SEAL
PERKINS DR	330 ft. W. of Rendezvous Lp (West int)	Territorial Road	PERKINS	010	968	36	34,848	MaC	AC	88	84	90	\$11,092	40,822	SLURRY AND CRACK SEAL
PINE ST	E Hunter Road	Corky Lane	PINE	010	671	34	22,814	MiC	AC	80	76	84	\$7,262	52,129	SLURRY AND CRACK SEAL
PINE ST	Corky Lane	Trinity Street	PINE	020	671	37	24,827	MiC	AC	86	81	89	\$7,902	41,647	SLURRY AND CRACK SEAL
SERTIC RD	West Terminus	Road Width Change	SERTIC	010	916	14	12,824	R	AC	84	81	89	\$4,082	41,578	SLURRY AND CRACK SEAL
SERTIC RD	Road Width Change	8th Street	SERTIC	020	1,405	22	30,910	R	AC	83	80	88	\$9,838	40,384	SLURRY AND CRACK SEAL
TRINITY ST	E Bolton Road	Longwood Lane	TRINITY	010	1,314	35	45,990	MiC	AC	87	82	90	\$14,638	41,411	SLURRY AND CRACK SEAL
WESTWOOD CT	North Terminus	E Broadway Avenue	WESTWO OD	010	264	33	8,712	R	AC	80	78	86	\$2,773	49,019	SLURRY AND CRACK SEAL
										Treatment Total		\$424,230			
**5TH ST	113 Ft N. of Woodland	100 Ft S. of Woodland	5TH	050	213	29	6,177	R	AC	72	69	78	\$2,367	34,704	SLURRY SEAL
**7TH ST	Hunter Avenue	Sertic Road	7TH	040	506	22	11,132	R	AC	68	65	74	\$4,265	33,314	SLURRY SEAL
**HUSTON RD	HWY 126	Hunter Road	HUSTON	020	1,435	25	35,875	MaC	AC	74	67	77	\$13,744	26,467	SLURRY SEAL
**JACK KELLY LN	8th Street	Territorial Road	JACK KELLY	010	2,383	28	66,724	R	AC	70	66	76	\$25,563	31,886	SLURRY SEAL
**NORMAN AVE	Cheney Drive	South Terminus	NORMAN	010	564	29	16,356	R	AC	83	80	87	\$5,206	34,562	SLURRY SEAL
**PERKINS CT	Perkins Road	North Terminus	PERKINS	050	256	35	8,960	R	AC	72	68	78	\$3,433	30,524	SLURRY SEAL
**SPARE LN	West Terminus	Strike Street	SPARE	010	335	35	11,725	R	AC	84	80	88	\$3,732	33,608	SLURRY SEAL
**TODD WAY	West Terminus	Hope Lane	TODD	010	564	32	18,048	R	AC	73	69	78	\$6,915	30,713	SLURRY SEAL
										Treatment Total		\$65,225			
Year 2021 Area Total							1,507,849		Year 2021 Total		\$489,455				

\*\* - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%      Inflation: 3.00%      Printed: 01/22/2019  
Scenario: (2) Current Funding

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
HOPE LN	Todd Way	Jeans Road	HOPE	010	277	33	9,141	R	AC	52	45	100	\$21,576	21,074	COLD MILL AND 2 IN OVERLAY
OREGON CIR	5th Street	East Terminus	OREGON	010	129	35	4,515	R	AC	50	43	100	\$10,657	21,240	
										Treatment Total		\$32,233			
PERKINS DR	Territorial Road	Blek Drive	PERKINS	020	669	24	16,056	MaC	AC	34	13	100	\$160,828	5,854	RECONSTRUCT STRUCTURE (AC)
PERKINS DR	Blek Drive	Perkins Sec 03	PERKINS	030	566	29	16,414	MaC	AC	27	7	100	\$164,414	5,854	
										Treatment Total		\$325,242			
Year 2022 Area Total							46,126		Year 2022 Total		\$357,475				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
JEANS RD	Forest Meadow Lane	Eastern City Limits	JEANS	020	1,566	22	34,452	MaC	AC	64	47	100	\$157,819	12,555	COLD MILL AND 4 IN OVERLAY
										Treatment Total		\$157,819			
PERKINS DR	Perkins Sec 02	Eastern City Limits	PERKINS	040	976	22	21,472	MaC	AC	17	0	100	\$221,531	5,684	RECONSTRUCT STRUCTURE (AC)
										Treatment Total		\$221,531			
Year 2023 Area Total							55,924	Year 2023 Total			\$379,350				

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
10TH ST	Hunter Avenue	Sertic Road	10TH	010	524	33	17,292	R	AC	88	79	87	\$6,014	31,723	SLURRY AND CRACK SEAL
10TH ST	Pvmt Change	Aspen Ridge Drive	10TH	030	581	33	19,173	R	AC	92	82	89	\$6,669	28,745	
3RD ST	Hunter Avenue	South Terminus	3RD	050	484	33	15,972	R	AC	86	78	86	\$5,555	32,875	

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
4TH ST	Brooker Lane	Broadway Avenue	4TH	010	222	46	10,212	R	AC	92	82	89	\$3,552	28,743	SLURRY AND CRACK SEAL
4TH ST	Broadway Avenue	McCutcheon Avenue	4TH	020	591	27	15,957	R	AC	88	79	86	\$5,550	32,281	SLURRY AND CRACK SEAL
5TH ST	North Terminus	Broadway Avenue	5TH	010	197	16	3,152	R	AC	92	82	89	\$1,097	28,716	SLURRY AND CRACK SEAL
6TH ST	Broadway Avenue	Dunham Avenue	6TH	010	293	33	9,669	R	AC	86	77	85	\$3,363	33,244	SLURRY AND CRACK SEAL
7TH ST	McCutcheon Avenue	Hunter Avenue	7TH	030	282	25	7,050	R	AC	92	81	89	\$2,452	29,716	SLURRY AND CRACK SEAL
7TH ST	North Terminus	Bolton Hill Road	7TH	050	341	33	11,253	R	AC	86	78	86	\$3,914	32,875	SLURRY AND CRACK SEAL
9TH ST	Dunham Avenue	Hunter Avenue	9TH	010	573	25	14,325	R	AC	92	82	89	\$4,982	28,741	SLURRY AND CRACK SEAL
9TH ST	Hunter Avenue	Sertic Road	9TH	020	510	25	12,750	R	AC	86	78	86	\$4,435	32,876	SLURRY AND CRACK SEAL
9TH ST	9th Street	East Terminus	9TH	030	160	35	5,600	R	AC	92	82	89	\$1,948	28,714	SLURRY AND CRACK SEAL
9TH ST	Sertic Road	Parkside Drive	9TH	040	290	30	8,700	R	AC	87	79	86	\$3,026	32,341	SLURRY AND CRACK SEAL
ALLURE AVE	Angel Creek Drive	Oak Island Drive	ALLURE	010	548	29	15,892	R	AC	90	81	88	\$5,527	30,292	SLURRY AND CRACK SEAL
AMBER CT	West Terminus	Natalie Lane	AMBER	010	248	32	7,936	R	AC	90	81	88	\$2,760	30,290	SLURRY AND CRACK SEAL
ANGEL CREEK DR	Allure Avenue	South Terminus	ANGELCR EEK	010	342	19	6,498	R	AC	92	82	89	\$2,260	28,745	SLURRY AND CRACK SEAL
ARCANE AVE	Trek Drive	Halcyon Drive	ARCANE	010	407	29	11,803	R	AC	90	81	88	\$4,105	30,290	SLURRY AND CRACK SEAL
BERRY LN	Ponerosa Drive	East Terminus	BERRY	020	170	35	5,950	R	AC	85	77	85	\$2,070	33,319	SLURRY AND CRACK SEAL
E BROADWAY AVE	West Terminus	Lindsey Lane/End	BROADWA Y	080	246	35	8,610	R	AC	86	78	86	\$2,995	32,875	SLURRY AND CRACK SEAL
E BROADWAY AVE	Westwood Court	Eastwood Court	BROADWA Y	090	667	33	22,011	R	AC	84	76	84	\$7,656	33,620	SLURRY AND CRACK SEAL
CHENEY DR	8th Street	Strike Street	CHENEY	010	685	36	24,660	R	AC	90	81	88	\$8,577	30,289	SLURRY AND CRACK SEAL
CHENEY DR	North Terminus	Cheney Drive	CHENEY	030	189	35	6,615	R	AC	92	82	89	\$2,301	28,745	SLURRY AND CRACK SEAL
CHERRY LN	West Terminus	East Terminus	CHERRY	010	379	29	10,991	R	AC	85	77	85	\$3,823	33,319	SLURRY AND CRACK SEAL
CHRISTOPHER LN	Lindsay Lane	East Terminus	CHRISTOP HE	020	130	33	4,290	R	AC	88	79	87	\$1,492	31,721	SLURRY AND CRACK SEAL
CORKY LN	Natale Lane	East Terminus	CORKY	010	132	24	3,168	R	AC	90	81	88	\$1,102	30,290	SLURRY AND CRACK SEAL
CORKY LN	West Terminus	Pine Street	CORKY	020	254	33	8,382	R	AC	90	81	88	\$2,916	30,292	SLURRY AND CRACK SEAL
COTTAGE CT	Territorial Road	East Terminus	COTTAGE	010	451	35	15,785	R	AC	88	79	87	\$5,490	31,721	SLURRY AND CRACK SEAL

## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

## Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
DUNHAM AVE	Dunham Loop	8th Street	DUNHAM	020	540	22	11,880	R	AC	86	78	86	\$4,132	32,875	SLURRY AND CRACK SEAL
DUNHAM AVE	8th Street	5th Street	DUNHAM	030	1,081	33	35,673	R	AC	90	81	88	\$12,407	30,290	SLURRY AND CRACK SEAL
DUNHAM AVE	5th Street	4th Street	DUNHAM	040	299	33	9,867	R	AC	88	79	87	\$3,432	31,723	SLURRY AND CRACK SEAL
DUNHAM AVE	2nd Street	Territorial Road	DUNHAM	060	317	38	12,046	R	AC	94	82	90	\$4,190	28,390	SLURRY AND CRACK SEAL
ERDMAN WAY	Trinity Street	Jake Street	ERDMAN	010	656	33	21,648	R	AC	92	82	89	\$7,529	28,745	SLURRY AND CRACK SEAL
ESPRIT CT	Irenic Avenue	South Terminus	ESPRIT	010	416	29	12,064	R	AC	92	82	89	\$4,196	28,745	SLURRY AND CRACK SEAL
FERNDAL CT	North Terminus	Cheney Drive	FERNDAL E	010	235	35	8,225	R	AC	92	82	89	\$2,861	28,741	SLURRY AND CRACK SEAL
FOREST CT	West Terminus	10th Street	FOREST	010	151	35	5,285	R	AC	86	78	86	\$1,839	32,877	SLURRY AND CRACK SEAL
GREENBRIER CT	West Terminus	8th Street	GREENBRIER	010	314	35	10,990	R	AC	92	82	89	\$3,823	28,741	SLURRY AND CRACK SEAL
GREENLEY ST	Perkins Road	360 ft. North of Perkins Road	GREENLEY	010	360	27	9,720	R	AC	87	78	86	\$3,381	32,723	SLURRY AND CRACK SEAL
GREENLEY ST	360 ft North of Perkins Rd	End 260 ft East of Lark Street	GREENLEY	020	490	28	13,720	R	AC	87	78	86	\$4,772	32,723	SLURRY AND CRACK SEAL
HALCYON DR	Perkins Road	South Terminus	HALCYON	010	1,289	29	37,381	R	AC	91	82	89	\$13,001	29,474	SLURRY AND CRACK SEAL
HAWK VIEW DR	Oaks Orchard Road	8th Street	HAWK VIEW	010	372	29	10,788	R	AC	92	82	89	\$3,752	28,741	SLURRY AND CRACK SEAL
HEAVENLY LN	West Terminus	Bolton Road	HEAVENLY	010	350	30	10,500	R	AC	94	83	90	\$3,652	27,583	SLURRY AND CRACK SEAL
HUNTER AVE	West Terminus/10th	East Terminus/9th	HUNTER	010	974	25	24,350	R	AC	92	82	89	\$8,469	28,741	SLURRY AND CRACK SEAL
IRENIC AVE	Muse Drive	Halcyon Drive	IRENIC	010	1,274	29	36,946	R	AC	91	82	89	\$12,850	29,474	SLURRY AND CRACK SEAL
JAKE ST	Oak Island Drive	E Bolton Road	JAKE	010	708	33	23,364	R	AC	92	82	89	\$8,126	28,745	SLURRY AND CRACK SEAL
KINGPIN LP	8th Street	8th Street	KINGPIN	010	653	33	21,549	R	AC	86	78	86	\$7,495	32,876	SLURRY AND CRACK SEAL
KINGPIN LP	8th Street	Strike Street	KINGPIN	020	556	33	18,348	R	AC	92	82	89	\$6,382	28,741	SLURRY AND CRACK SEAL
LARK ST	Perkins Road	Greenley Street	LARKST	010	351	28	9,828	R	AC	87	78	86	\$3,419	32,723	SLURRY AND CRACK SEAL
LEGACY CT	West Terminus	Oak Island Drive	LEGACY	010	303	29	8,787	R	AC	90	81	88	\$3,056	30,292	SLURRY AND CRACK SEAL
LINDSAY LN	E Broadway Avenue	E Hunter Road	LINDSAY	010	1,042	32	33,344	R	AC	86	78	86	\$11,597	32,875	SLURRY AND CRACK SEAL
LONGWOOD LN	Trinity Street	Jake Street	LONGWOOD	010	527	33	17,391	R	AC	92	82	89	\$6,049	28,745	SLURRY AND CRACK SEAL
LOTEN WAY	West Terminus	Cornerstone Drive	LOTEN	010	911	32	29,152	R	AC	92	82	89	\$10,139	28,741	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (2) Current Funding

## Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
LOTEN WAY	Cornerstone Drive	East Terminus	LOTEN	020	543	32	17,376	R	AC	92	82	89	\$6,044	28,741	SLURRY AND CRACK SEAL
MCCUTCHEON AVE	8th Street	3rd Street	MCCUTCH EON	010	1,669	29	48,401	R	AC	95	83	90	\$16,834	28,159	SLURRY AND CRACK SEAL
MCCUTCHEON AVE	3rd Street	2nd Street	MCCUTCH EON	020	296	30	8,880	R	AC	95	83	90	\$3,089	28,161	SLURRY AND CRACK SEAL
MUSE DR	Allure Avenue	South Terminus	MUSE	010	780	29	22,620	R	AC	88	79	87	\$7,867	31,724	SLURRY AND CRACK SEAL
NATALIE LN	E Hunter Road	Corky Lane	NATALIE	010	888	24	21,312	R	AC	90	81	88	\$7,412	30,290	SLURRY AND CRACK SEAL
OAK ISLAND DR	North of Jake Street	South Terminus	OAK ISLAND	010	260	33	8,580	R	AC	88	79	87	\$2,984	31,724	SLURRY AND CRACK SEAL
OAK ISLAND DR	Perkins Road	Allure Avenue	OAK ISLAND	050	501	29	14,529	R	AC	90	81	88	\$5,053	30,290	SLURRY AND CRACK SEAL
OAKS ORCHARD RD	Hawk View Drive	South Terminus	OAKS ORCHD	010	385	29	11,165	R	AC	92	82	89	\$3,883	28,741	SLURRY AND CRACK SEAL
PARKSIDE DR	West Terminus	10th Street	PARKSIDE	010	246	29	7,134	R	AC	87	79	86	\$2,482	32,342	SLURRY AND CRACK SEAL
PARKSIDE DR	10th Street	8th Street	PARKSIDE	020	1,100	29	31,900	R	AC	89	80	88	\$11,095	30,999	SLURRY AND CRACK SEAL
PLACID ST	Irenc Avenue	Stellar Avenue	PLACID	010	414	29	12,006	R	AC	92	82	89	\$4,176	28,745	SLURRY AND CRACK SEAL
PONDEROSA DR	Cheney Drive	Pvmt Change	PONDERO SA	010	378	29	10,962	R	AC	87	79	86	\$3,813	32,340	SLURRY AND CRACK SEAL
PONDEROSA DR	Pvmt Change	South Terminus	PONDERO SA	020	209	29	6,061	R	AC	92	82	89	\$2,108	28,741	SLURRY AND CRACK SEAL
RENDEZVOUS LP	Perkins Road	Perkins Road	RENDEZV OUS	010	1,024	28	28,672	R	AC	88	79	87	\$9,972	31,721	SLURRY AND CRACK SEAL
RHAPSODY AVE	Trek Drive	Halcyon Drive	RHAPSOD Y	010	473	29	13,717	R	AC	92	82	89	\$4,771	28,745	SLURRY AND CRACK SEAL
RUBY JEAN LN	North Terminus	E Hunter Road	RUBY JEAN	010	380	35	13,300	R	AC	88	79	87	\$4,626	31,721	SLURRY AND CRACK SEAL
SERTIC RD	8th Street	7th Street	SERTIC	030	476	24	11,424	R	AC	86	78	86	\$3,974	32,875	SLURRY AND CRACK SEAL
STELLAR AVE	Placid Street	Halcyon Drive	STELLAR	010	728	29	21,112	R	AC	92	82	89	\$7,343	28,745	SLURRY AND CRACK SEAL
STRIKE ST	8th Street	Cheney Drive	STRIKE	010	1,537	33	50,721	R	AC	89	80	88	\$17,640	30,999	SLURRY AND CRACK SEAL
SUN RIDGE WAY	Perkins Road	Dead end North of Perkins Road	SUNRIDG	010	625	28	17,500	R	AC	87	78	86	\$6,087	32,723	SLURRY AND CRACK SEAL
TERRA LN	Dunham Loop	9th Street	TERRA	010	222	24	5,328	R	AC	92	82	89	\$1,853	28,741	SLURRY AND CRACK SEAL
TIDBALL LN	Huston Road	East City Limit	TIDBALL	010	665	10	6,650	R	AC	95	83	90	\$2,313	28,166	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%      Inflation: 3.00%      Printed: 01/22/2019  
Scenario: (2) Current Funding

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
TREK DR	Perkins Road	Stellar Avenue	TREK	010	1,294	29	37,526	R	AC	91	82	89	\$13,051	29,474	SLURRY AND CRACK SEAL
TYRO AVE	Trek Drive	Halcyon Drive	TYRO	010	470	29	13,630	R	AC	90	81	88	\$4,741	30,290	SLURRY AND CRACK SEAL
WOODBERRY LN	North Terminus	Trinity Street	WOODBER RY	010	329	24	7,896	R	AC	92	82	89	\$2,747	28,678	SLURRY AND CRACK SEAL
WOODLAND AVE	5th Street	6th Street	WOODLAN D	010	442	25	11,050	R	AC	88	79	87	\$3,843	31,724	SLURRY AND CRACK SEAL
WOODLAND AVE	5th Street	Meadowdale Lane	WOODLAN D	020	1,013	25	25,325	R	AC	87	79	86	\$8,808	32,342	SLURRY AND CRACK SEAL
										Treatment Total		\$424,789			
**10TH ST	Sertic Road	Pvmt Change	10TH	020	803	33	26,499	R	AC	84	75	83	\$9,216	33,843	SLURRY SEAL
**ACORN CT	Oak Island Drive	East Terminus	ACORN	010	147	35	5,145	R	AC	85	77	85	\$1,790	33,319	SLURRY SEAL
**E BROADWAY AVE	6th Street	Pvmt Change at 4th	BROADWA Y	020	587	28	16,436	MiC	AC	96	85	92	\$5,717	36,155	SLURRY SEAL
**CHRISTOPHER LN	West Terminus	Lindsay Lane	CHRISTOP HE	010	119	33	3,927	R	AC	88	79	87	\$1,366	31,721	SLURRY SEAL
**DUNHAM AVE	Dunham Avenue	Terra Lane	DUNHAM	010	356	20	7,120	R	AC	84	76	84	\$2,477	33,620	SLURRY SEAL
**DUNHAM AVE	4th Street	2nd Street	DUNHAM	050	584	40	23,360	R	AC	84	75	83	\$8,125	33,851	SLURRY SEAL
**PERKINS DR	Greenley Street	330 ft. W. of Rendezvous Lp (West int)	PERKINS	005	833	35	29,155	MaC	AC	90	78	86	\$10,140	37,814	SLURRY SEAL
**TERRITORIAL CT	North Terminus	Territorial Road	TERITORI AL	010	774	29	22,446	R	AC	83	75	83	\$7,807	33,909	SLURRY SEAL
										Treatment Total		\$46,638			
Year 2024 Area Total							1,355,407			Year 2024 Total		\$471,427			
Total Section Area:							3,069,770			Grand Total		\$2,547,656			



Scenarios - Sections Selected for Treatment

Interest: 3.00%      Inflation: 3.00%      Printed: 01/22/2019  
Scenario: (1) Unconstrained Needs

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,369,980	0%	2022	\$14,947	0%			
2020	\$952,400	0%	2023	\$23,491	0%			
2021	\$142,823	0%	2024	\$21,324	0%			

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
10TH ST	Hunter Avenue	Sertic Road	10TH	010	524	33	17,292	R	AC	88	88	93	\$5,188	21,386	SLURRY AND CRACK SEAL
10TH ST	Sertic Road	Pvmt Change	10TH	020	803	33	26,499	R	AC	84	83	90	\$7,950	32,157	SLURRY AND CRACK SEAL
2ND ST	Dunham Avenue	McCutcheon Avenue	2ND	030	291	40	11,640	R	AC	63	63	73	\$4,204	31,115	SLURRY AND CRACK SEAL
3RD ST	Dunham Avenue	MCCutcheon Avenue	3RD	030	290	22	6,380	R	AC	73	73	81	\$1,914	50,553	SLURRY AND CRACK SEAL
3RD ST	Hunter Avenue	South Terminus	3RD	050	484	33	15,972	R	AC	86	86	92	\$4,792	26,513	SLURRY AND CRACK SEAL
4TH ST	Broadway Avenue	McCutcheon Avenue	4TH	020	591	27	15,957	R	AC	88	87	93	\$4,788	23,741	SLURRY AND CRACK SEAL
5TH ST	Hunter Avenue	113 Ft N. of Woodland	5TH	040	712	29	20,648	R	AC	77	77	85	\$6,195	38,664	SLURRY AND CRACK SEAL
5TH ST	100 Ft S. of Woodland	Bolton Hill Road	5TH	060	448	29	12,992	R	AC	81	81	88	\$3,898	58,844	SLURRY AND CRACK SEAL
6TH ST	Broadway Avenue	Dunham Avenue	6TH	010	293	33	9,669	R	AC	86	85	91	\$2,901	28,328	SLURRY AND CRACK SEAL
6TH ST	Dunham Avenue	McCutcheon Avenue	6TH	020	294	33	9,702	R	AC	86	86	92	\$2,911	42,043	SLURRY AND CRACK SEAL
6TH ST	McCutcheon Avenue	Bolton Hill Avenue	6TH	030	1,667	24	40,008	R	AC	80	80	87	\$12,003	36,495	SLURRY AND CRACK SEAL
7TH ST	Broadway Avenue	Dunham Avenue	7TH	010	290	33	9,570	R	AC	82	81	89	\$2,871	43,923	SLURRY AND CRACK SEAL
7TH ST	Hunter Avenue	Sertic Road	7TH	040	506	22	11,132	R	AC	68	68	77	\$4,020	36,637	SLURRY AND CRACK SEAL
7TH ST	North Terminus	Bolton Hill Road	7TH	050	341	33	11,253	R	AC	86	86	92	\$3,376	26,513	SLURRY AND CRACK SEAL
8TH ST	HWY 126	Broadway Avenue	8TH	010	889	38	33,782	MiC	AC	78	78	86	\$10,135	58,284	SLURRY AND CRACK SEAL
8TH ST	Broadway Avenue	Dunham Ave	8TH	020	294	33	9,702	MiC	AC	87	87	93	\$2,911	40,000	SLURRY AND CRACK SEAL
8TH ST	Bolton Hill Road	Pvmt Change/Kingpin	8TH	040	646	33	21,318	MiC	AC	88	87	93	\$6,396	38,194	SLURRY AND CRACK SEAL

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
9TH ST	Hunter Avenue	Sertic Road	9TH	020	510	25	12,750	R	AC	86	86	92	\$3,825	26,517	SLURRY AND CRACK SEAL
9TH ST	Sertic Road	Parkside Drive	9TH	040	290	30	8,700	R	AC	87	87	93	\$2,610	24,013	SLURRY AND CRACK SEAL
9TH ST	100 ft S. of Dawn Ct	South Terminus	9TH	060	664	33	21,912	R	AC	75	75	83	\$6,574	53,670	SLURRY AND CRACK SEAL
ACORN CT	Oak Island Drive	East Terminus	ACORN	010	147	35	5,145	R	AC	85	85	91	\$1,544	28,728	SLURRY AND CRACK SEAL
ALLURE AVE	Angel Creek Drive	Oak Island Drive	ALLURE	010	548	29	15,892	R	AC	90	89	95	\$4,768	15,798	SLURRY AND CRACK SEAL
AMBER CT	West Terminus	Natalie Lane	AMBER	010	248	32	7,936	R	AC	90	89	95	\$2,381	15,792	SLURRY AND CRACK SEAL
APPLEGATE CT	Bolton Road	South Terminus	APPLEGATE	010	146	35	5,110	R	AC	77	77	85	\$1,533	38,664	SLURRY AND CRACK SEAL
ARCANE AVE	Trek Drive	Halcyon Drive	ARCANE	010	407	29	11,803	R	AC	90	89	95	\$3,541	15,792	SLURRY AND CRACK SEAL
BERRY LN	Oak Island Lane	Ponderosa Drive	BERRY	010	397	29	11,513	R	AC	83	83	90	\$3,454	32,589	SLURRY AND CRACK SEAL
BERRY LN	Ponderosa Drive	East Terminus	BERRY	020	170	35	5,950	R	AC	85	85	91	\$1,785	28,728	SLURRY AND CRACK SEAL
BLEK DR	Territorial Road	Blek Drive Sec 02	BLEK	010	610	29	17,690	R	AC	75	75	83	\$5,307	53,540	SLURRY AND CRACK SEAL
BLEK DR	Blek Drive Sec 01	Perkins Road	BLEK	020	905	25	22,625	R	AC	83	83	90	\$6,788	32,589	SLURRY AND CRACK SEAL
E BOLTON RD	Bolton Rd/Trinity St	Cheney Drive	BOLTON	030	1,301	22	28,622	MiC	AC	84	83	90	\$8,587	54,475	SLURRY AND CRACK SEAL
BOLTON HILL RD	Dogwood Lane	Territorial Road	BOLTONHILL	010	3,475	37	128,575	MaC	AC	85	85	91	\$38,573	57,868	SLURRY AND CRACK SEAL
E BROADWAY AVE	8th Street	6th Street	BROADWAY	010	720	41	29,520	MiC	AC	84	83	90	\$8,856	43,353	SLURRY AND CRACK SEAL
E BROADWAY AVE	Pvmt Change at 4th	2nd Street	BROADWAY	030	660	31	20,460	MiC	AC	86	86	92	\$6,138	48,040	SLURRY AND CRACK SEAL
E BROADWAY AVE	2nd Street	Territorial Road	BROADWAY	040	313	33	10,329	MiC	AC	87	87	93	\$3,099	49,622	SLURRY AND CRACK SEAL
E BROADWAY AVE	Territorial Road	Pvmt Change	BROADWAY	050	444	33	14,652	MiC	AC	90	89	95	\$4,396	33,155	SLURRY AND CRACK SEAL
E BROADWAY AVE	Pvmt Change	End of Sidewalk	BROADWAY	060	776	33	25,608	MiC	AC	81	80	88	\$7,683	44,257	SLURRY AND CRACK SEAL
E BROADWAY AVE	End of Sidewalk	East Terminus	BROADWAY	070	335	22	7,370	MiC	AC	81	80	88	\$2,211	44,257	SLURRY AND CRACK SEAL
E BROADWAY AVE	West Terminus	Lindsey Lane/End	BROADWAY	080	246	35	8,610	R	AC	86	86	92	\$2,583	26,513	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
E BROADWAY AVE	Westwood Court	Eastwood Court	BROADWAY	090	667	33	22,011	R	AC	84	84	90	\$6,604	30,800	SLURRY AND CRACK SEAL
CHENEY DR	8th Street	Strike Street	CHENEY	010	685	36	24,660	R	AC	90	89	95	\$7,398	15,785	SLURRY AND CRACK SEAL
CHENEY DR	Territorial Road	E Bolton Road	CHENEY	020	1,773	32	56,736	MiC	AC	88	87	93	\$17,021	38,194	SLURRY AND CRACK SEAL
CHERRY LN	West Terminus	East Terminus	CHERRY	010	379	29	10,991	R	AC	85	85	91	\$3,298	28,728	SLURRY AND CRACK SEAL
CHRISTOPHER LN	West Terminus	Lindsay Lane	CHRISTOPHER	010	119	33	3,927	R	AC	88	88	93	\$1,179	21,381	SLURRY AND CRACK SEAL
CHRISTOPHER LN	Lindsay Lane	East Terminus	CHRISTOPHER	020	130	33	4,290	R	AC	88	88	93	\$1,287	21,381	SLURRY AND CRACK SEAL
CORKY LN	Natale Lane	East Terminus	CORKY	010	132	24	3,168	R	AC	90	89	95	\$951	15,792	SLURRY AND CRACK SEAL
CORKY LN	West Terminus	Pine Street	CORKY	020	254	33	8,382	R	AC	90	89	95	\$2,515	15,798	SLURRY AND CRACK SEAL
CORKY LN	Pine Street	Crystal Street	CORKY	030	645	33	21,285	R	AC	78	78	86	\$6,386	50,625	SLURRY AND CRACK SEAL
COTTAGE CT	Territorial Road	East Terminus	COTTAGE	010	451	35	15,785	R	AC	88	88	93	\$4,736	21,381	SLURRY AND CRACK SEAL
CRYSTAL ST	E Hunter Road	Corky Lane	CRYSTAL	010	586	33	19,338	R	AC	78	78	86	\$5,802	50,625	SLURRY AND CRACK SEAL
DUNHAM AVE	Dunham Avenue	Terra Lane	DUNHAM	010	356	20	7,120	R	AC	84	84	90	\$2,136	30,797	SLURRY AND CRACK SEAL
DUNHAM AVE	Dunham Loop	8th Street	DUNHAM	020	540	22	11,880	R	AC	86	86	92	\$3,564	26,513	SLURRY AND CRACK SEAL
DUNHAM AVE	8th Street	5th Street	DUNHAM	030	1,081	33	35,673	R	AC	90	89	95	\$10,702	15,792	SLURRY AND CRACK SEAL
DUNHAM AVE	5th Street	4th Street	DUNHAM	040	299	33	9,867	R	AC	88	88	93	\$2,961	21,386	SLURRY AND CRACK SEAL
DUNHAM AVE	4th Street	2nd Street	DUNHAM	050	584	40	23,360	R	AC	84	83	90	\$7,008	32,213	SLURRY AND CRACK SEAL
EASTWOOD CT	North Terminus	E Broadway Avenue	EASTWOOD	010	252	33	8,316	R	AC	84	84	91	\$2,495	57,266	SLURRY AND CRACK SEAL
FERN MEADOWS LN	E Broadway Avenue	E Hunter Road	FERNMEADOWS	010	918	31	28,458	R	AC	81	81	88	\$8,538	35,459	SLURRY AND CRACK SEAL
FOREST CT	West Terminus	10th Street	FOREST	010	151	35	5,285	R	AC	86	86	92	\$1,586	26,521	SLURRY AND CRACK SEAL
GARBER LN	North Terminus	Blek Drive	GARBER	010	216	29	6,264	R	AC	77	77	85	\$1,880	56,823	SLURRY AND CRACK SEAL
HEATHER GLEN CT	West Terminus	Territorial Road	HEATHER GLEN	010	367	24	8,808	R	AC	87	87	93	\$2,643	52,766	SLURRY AND CRACK SEAL
HOPE LN	Jeans Road	Hwy 126	HOPE	020	747	33	24,651	MiC	AC	83	82	90	\$7,396	43,986	SLURRY AND CRACK SEAL
HUNTER AVE	7th Street	6th Street	HUNTER	020	360	25	9,000	MiC	AC	88	87	93	\$2,700	38,186	SLURRY AND CRACK SEAL
HUNTER AVE	6th Street	Territorial Road	HUNTER	030	1,564	28	43,792	MiC	AC	88	88	94	\$13,138	51,189	SLURRY AND CRACK SEAL
HUNTER AVE	Crystal Lane	Huston Road	HUNTER	050	3,575	22	78,650	MaC	AC	83	82	90	\$23,595	43,420	SLURRY AND CRACK SEAL
HUSTON RD	North City Limits	HWY 126	HUSTON	010	373	25	9,325	MaC	AC	77	75	84	\$2,798	49,879	SLURRY AND CRACK SEAL
JEANS RD	Territorial Road	Forest Meadows Lane	JEANS	010	3,794	33	125,202	MaC	AC	85	85	91	\$37,561	61,304	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

## Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
JEANS RD	Forest Meadow Lane	Eastern City Limits	JEANS	020	1,566	22	34,452	MaC	AC	64	61	72	\$12,441	28,101	SLURRY AND CRACK SEAL
KINGPIN LP	8th Street	8th Street	KINGPIN	010	653	33	21,549	R	AC	86	86	92	\$6,465	26,517	SLURRY AND CRACK SEAL
LARO CT	West Terminus	Fern Meadows Lane	LARO	010	343	32	10,976	R	AC	84	84	91	\$3,293	57,266	SLURRY AND CRACK SEAL
LEGACY CT	West Terminus	Oak Island Drive	LEGACY	010	303	29	8,787	R	AC	90	89	95	\$2,637	15,798	SLURRY AND CRACK SEAL
LINDSAY LN	E Broadway Avenue	E Hunter Road	LINDSAY	010	1,042	32	33,344	R	AC	86	86	92	\$10,004	26,513	SLURRY AND CRACK SEAL
LLAMA LN	E Hunter Road	Corky Lane	LLAMA	010	623	32	19,936	R	AC	78	78	86	\$5,981	50,625	SLURRY AND CRACK SEAL
MEADOWDALE LN	5th Street	East Terminus	MEADOWDALE	010	74	28	2,072	R	AC	83	83	90	\$622	32,584	SLURRY AND CRACK SEAL
MEADOWDALE LN	West Terminus	Territorial Road	MEADOWDALE	020	515	34	17,510	R	AC	82	82	89	\$5,253	58,578	SLURRY AND CRACK SEAL
MUSE DR	Allure Avenue	South Terminus	MUSE	010	780	29	22,620	R	AC	88	88	93	\$6,786	21,392	SLURRY AND CRACK SEAL
NATALIE LN	E Hunter Road	Corky Lane	NATALIE	010	888	24	21,312	R	AC	90	89	95	\$6,394	15,792	SLURRY AND CRACK SEAL
NORMAN AVE	Cheney Drive	South Terminus	NORMAN	010	564	29	16,356	R	AC	83	83	90	\$4,907	32,587	SLURRY AND CRACK SEAL
OAK ISLAND DR	North of Jake Street	South Terminus	OAK ISLAND	010	260	33	8,580	R	AC	88	88	93	\$2,574	21,392	SLURRY AND CRACK SEAL
OAK ISLAND DR	North Terminus	Cheney Drive	OAK ISLAND	020	256	29	7,424	R	AC	81	81	88	\$2,228	35,461	SLURRY AND CRACK SEAL
OAK ISLAND DR	Cheney Drive	Cherry Lane	OAK ISLAND	030	700	29	20,300	R	AC	83	83	90	\$6,090	32,589	SLURRY AND CRACK SEAL
OAK ISLAND DR	Perkins Road	Allure Avenue	OAK ISLAND	050	501	29	14,529	R	AC	90	89	95	\$4,359	15,792	SLURRY AND CRACK SEAL
PARKSIDE DR	West Terminus	10th Street	PARKSIDE	010	246	29	7,134	R	AC	87	87	93	\$2,141	24,017	SLURRY AND CRACK SEAL
PARKSIDE DR	10th Street	8th Street	PARKSIDE	020	1,100	29	31,900	R	AC	89	88	94	\$9,570	18,578	SLURRY AND CRACK SEAL
PERKINS DR	330 ft. W. of Rendezvous Lp (West int)	Territorial Road	PERKINS	010	968	36	34,848	MaC	AC	88	87	93	\$10,455	38,186	SLURRY AND CRACK SEAL
PINE ST	E Hunter Road	Corky Lane	PINE	010	671	34	22,814	MiC	AC	80	80	87	\$6,845	59,580	SLURRY AND CRACK SEAL
PINE ST	Corky Lane	Trinity Street	PINE	020	671	37	24,827	MiC	AC	86	85	92	\$7,449	41,419	SLURRY AND CRACK SEAL
PONDEROSA DR	Cheney Drive	Pvmt Change	PONDEROSA	010	378	29	10,962	R	AC	87	87	93	\$3,289	24,008	SLURRY AND CRACK SEAL
RENDEZVOUS LP	Perkins Road	Perkins Road	RENDEZVOUS	010	1,024	28	28,672	R	AC	88	88	93	\$8,602	21,381	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%      Inflation: 3.00%      Printed: 01/22/2019  
Scenario: (1) Unconstrained Needs

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
RUBY JEAN LN	North Terminus	E Hunter Road	RUBY JEAN	010	380	35	13,300	R	AC	88	88	93	\$3,990	21,381	SLURRY AND CRACK SEAL
SERTIC RD	West Terminus	Road Width Change	SERTIC	010	916	14	12,824	R	AC	84	84	91	\$3,848	40,482	SLURRY AND CRACK SEAL
SERTIC RD	Road Width Change	8th Street	SERTIC	020	1,405	22	30,910	R	AC	83	83	90	\$9,273	39,591	SLURRY AND CRACK SEAL
SERTIC RD	8th Street	7th Street	SERTIC	030	476	24	11,424	R	AC	86	86	92	\$3,428	26,513	SLURRY AND CRACK SEAL
SPARE LN	West Terminus	Strike Street	SPARE	010	335	35	11,725	R	AC	84	84	90	\$3,518	30,803	SLURRY AND CRACK SEAL
STRIKE ST	8th Street	Cheney Drive	STRIKE	010	1,537	33	50,721	R	AC	89	88	94	\$15,217	18,578	SLURRY AND CRACK SEAL
TERRITORIAL CT	North Terminus	Territorial Road	TERITORI AL	010	774	29	22,446	R	AC	83	83	90	\$6,734	32,587	SLURRY AND CRACK SEAL
TODD WAY	Hope Lane	East Terminus	TODD	020	758	32	24,256	R	AC	65	65	74	\$8,760	31,590	SLURRY AND CRACK SEAL
TRINITY ST	E Bolton Road	Longwood Lane	TRINITY	010	1,314	35	45,990	MiC	AC	87	86	93	\$13,797	40,117	SLURRY AND CRACK SEAL
TYRO AVE	Trek Drive	Halcyon Drive	TYRO	010	470	29	13,630	R	AC	90	89	95	\$4,089	15,792	SLURRY AND CRACK SEAL
WESTWOOD CT	North Terminus	E Broadway Avenue	WESTWO OD	010	264	33	8,712	R	AC	80	80	87	\$2,614	51,564	SLURRY AND CRACK SEAL
WOODLAND AVE	5th Street	6th Street	WOODLAN D	010	442	25	11,050	R	AC	88	88	93	\$3,315	21,392	SLURRY AND CRACK SEAL
WOODLAND AVE	5th Street	Meadowdale Lane	WOODLAN D	020	1,013	25	25,325	R	AC	87	87	93	\$7,598	24,017	SLURRY AND CRACK SEAL
										Treatment Total			\$615,133		
LUTHER LN	Territorial Road	East Terminus	LUTHER	010	1,779	32	56,928	R	AC	45	44	100	\$122,965	23,160	COLD MILL AND 2 IN OVERLAY
OREGON CIR	5th Street	East Terminus	OREGON	010	129	35	4,515	R	AC	50	49	100	\$9,753	22,123	COLD MILL AND 2 IN OVERLAY
										Treatment Total			\$132,718		
**8TH ST	Dunham Avenue	Bolton Hill Road	8TH	030	2,501	24	60,024	MiC	AC	16	11	100	\$424,970	8,283	RECONSTRUCT STRUCTURE (AC)
PERKINS DR	Perkins Sec 02	Eastern City Limits	PERKINS	040	976	22	21,472	MaC	AC	17	12	100	\$196,827	6,397	RECONSTRUCT STRUCTURE (AC)
										Treatment Total			\$621,797		
Year 2019 Area Total							2,176,668		Year 2019 Total			\$1,369,648			

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

## Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
10TH ST	Pvmt Change	Aspen Ridge Drive	10TH	030	581	33	19,173	R	AC	92	89	94	\$5,925	16,612	SLURRY AND CRACK SEAL
3RD ST	McCutcheon Avenue	Hunter Avenue	3RD	040	273	33	9,009	R	AC	80	78	86	\$2,784	34,221	SLURRY AND CRACK SEAL
4TH ST	Brooker Lane	Broadway Avenue	4TH	010	222	46	10,212	R	AC	92	89	94	\$3,156	16,606	SLURRY AND CRACK SEAL
5TH ST	North Terminus	Broadway Avenue	5TH	010	197	16	3,152	R	AC	92	89	94	\$974	16,526	SLURRY AND CRACK SEAL
5TH ST	McCutcheon Avenue	Hunter Avenue	5TH	030	276	33	9,108	R	AC	81	79	87	\$2,815	35,220	SLURRY AND CRACK SEAL
7TH ST	McCutcheon Avenue	Hunter Avenue	7TH	030	282	25	7,050	R	AC	92	88	94	\$2,179	19,289	SLURRY AND CRACK SEAL
9TH ST	Dunham Avenue	Hunter Avenue	9TH	010	573	25	14,325	R	AC	92	89	94	\$4,427	16,600	SLURRY AND CRACK SEAL
9TH ST	9th Street	East Terminus	9TH	030	160	35	5,600	R	AC	92	89	94	\$1,731	16,520	SLURRY AND CRACK SEAL
ANGEL CREEK DR	Allure Avenue	South Terminus	ANGELCR EEK	010	342	19	6,498	R	AC	92	89	94	\$2,008	16,612	SLURRY AND CRACK SEAL
E BOLTON RD	Territorial Road	End of Sidewalk	BOLTON	010	364	22	8,008	MiC	AC	92	89	94	\$2,475	34,343	SLURRY AND CRACK SEAL
E BOLTON RD	End Sidewalk	Pine Street	BOLTON	020	1,292	22	28,424	MiC	AC	92	89	94	\$8,784	34,334	SLURRY AND CRACK SEAL
CHENEY DR	North Terminus	Cheney Drive	CHENEY	030	189	35	6,615	R	AC	92	89	94	\$2,045	16,612	SLURRY AND CRACK SEAL
DUNHAM AVE	2nd Street	Territorial Road	DUNHAM	060	317	38	12,046	R	AC	94	89	95	\$3,723	15,575	SLURRY AND CRACK SEAL
ERDMAN WAY	Trinity Street	Jake Street	ERDMAN	010	656	33	21,648	R	AC	92	89	94	\$6,690	16,612	SLURRY AND CRACK SEAL
ESPRIT CT	Irenic Avenue	South Terminus	ESPRIT	010	416	29	12,064	R	AC	92	89	94	\$3,728	16,612	SLURRY AND CRACK SEAL
FERNDAL CT	North Terminus	Cheney Drive	FERNDAL E	010	235	35	8,225	R	AC	92	89	94	\$2,542	16,600	SLURRY AND CRACK SEAL
GREENBRIER CT	West Terminus	8th Street	GREENBRI ER	010	314	35	10,990	R	AC	92	89	94	\$3,396	16,600	SLURRY AND CRACK SEAL
HALCYON DR	Perkins Road	South Terminus	HALCYON	010	1,289	29	37,381	R	AC	91	88	94	\$11,551	18,629	SLURRY AND CRACK SEAL
HAWK VIEW DR	Oaks Orchard Road	8th Street	HAWK VIEW	010	372	29	10,788	R	AC	92	89	94	\$3,334	16,600	SLURRY AND CRACK SEAL
HUNTER AVE	West Terminus/10th	East Terminus/9th	HUNTER	010	974	25	24,350	R	AC	92	89	94	\$7,525	16,600	SLURRY AND CRACK SEAL
IRENIC AVE	Muse Drive	Halcyon Drive	IRENIC	010	1,274	29	36,946	R	AC	91	88	94	\$11,417	18,629	SLURRY AND CRACK SEAL
JACK KELLY LN	8th Street	Territorial Road	JACK KELLY	010	2,383	28	66,724	R	AC	70	68	77	\$24,818	33,309	SLURRY AND CRACK SEAL
JAKE ST	Oak Island Drive	E Bolton Road	JAKE	010	708	33	23,364	R	AC	92	89	94	\$7,220	16,612	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%      Inflation: 3.00%      Printed: 01/22/2019  
Scenario: (1) Unconstrained Needs

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
KINGPIN LP	8th Street	Strike Street	KINGPIN	020	556	33	18,348	R	AC	92	89	94	\$5,670	16,600	SLURRY AND CRACK SEAL
LONGWOOD LN	Trinity Street	Jake Street	LONGWO OD	010	527	33	17,391	R	AC	92	89	94	\$5,374	16,612	SLURRY AND CRACK SEAL
LOTEN WAY	West Terminus	Cornerstone Drive	LOTEN	010	911	32	29,152	R	AC	92	89	94	\$9,008	16,600	SLURRY AND CRACK SEAL
LOTEN WAY	Cornerstone Drive	East Terminus	LOTEN	020	543	32	17,376	R	AC	92	89	94	\$5,370	16,600	SLURRY AND CRACK SEAL
MCCUTCHEON AVE	3rd Street	2nd Street	MCCUTCH EON	020	296	30	8,880	R	AC	95	89	95	\$2,744	14,962	SLURRY AND CRACK SEAL
OAKS ORCHARD RD	Hawk View Drive	South Terminus	OAKS ORCHD	010	385	29	11,165	R	AC	92	89	94	\$3,450	16,600	SLURRY AND CRACK SEAL
PLACID ST	Irenc Avenue	Stellar Avenue	PLACID	010	414	29	12,006	R	AC	92	89	94	\$3,710	16,612	SLURRY AND CRACK SEAL
PONDEROSA DR	Pvmt Change	South Terminus	PONDERO SA	020	209	29	6,061	R	AC	92	89	94	\$1,873	16,600	SLURRY AND CRACK SEAL
RHAPSODY AVE	Trek Drive	Halcyon Drive	RHAPSOD Y	010	473	29	13,717	R	AC	92	89	94	\$4,239	16,612	SLURRY AND CRACK SEAL
STELLAR AVE	Placid Street	Halcyon Drive	STELLAR	010	728	29	21,112	R	AC	92	89	94	\$6,524	16,612	SLURRY AND CRACK SEAL
TERRA LN	Dunham Loop	9th Street	TERRA	010	222	24	5,328	R	AC	92	89	94	\$1,647	16,600	SLURRY AND CRACK SEAL
TIDBALL LN	Huston Road	East City Limit	TIDBALL	010	665	10	6,650	R	AC	95	89	95	\$2,055	14,975	SLURRY AND CRACK SEAL
TREK DR	Perkins Road	Stellar Avenue	TREK	010	1,294	29	37,526	R	AC	91	88	94	\$11,596	18,629	SLURRY AND CRACK SEAL
WOODBERRY LN	North Terminus	Trinity Street	WOODBER RY	010	329	24	7,896	R	AC	92	89	94	\$2,440	16,412	SLURRY AND CRACK SEAL
Treatment Total													\$190,947		
HOPE LN	Todd Way	Jeans Road	HOPE	010	277	33	9,141	R	AC	52	49	100	\$20,337	21,635	COLD MILL AND 2 IN OVERLAY
Treatment Total													\$20,337		
**HUNTER AVE	Territorial Road	Crystal Lane	HUNTER	040	2,020	22	44,440	MaC	AC	78	75	100	\$424,979	3,658	RECONSTRUCT STRUCTURE (AC)
PERKINS DR	Territorial Road	Blek Drive	PERKINS	020	669	24	16,056	MaC	AC	34	24	100	\$151,596	6,211	RECONSTRUCT STRUCTURE (AC)
PERKINS DR	Blek Drive	Perkins Sec 03	PERKINS	030	566	29	16,414	MaC	AC	27	19	100	\$154,976	6,211	RECONSTRUCT STRUCTURE (AC)
Treatment Total													\$731,551		

# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

Year 2020 Area Total

690,359

Year 2020 Total

\$942,835

## Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
2ND ST	Broadway Avenue	Dunham Avenue	2ND	020	289	40	11,560	R	AC	95	88	94	\$3,680	17,415	SLURRY AND CRACK SEAL
3RD ST	Brooker Lane	Broadway Avenue	3RD	010	250	46	11,500	R	AC	94	88	94	\$3,661	18,716	SLURRY AND CRACK SEAL
4TH ST	McCutcheon Avenue	Hunter Avenue	4TH	030	274	33	9,042	R	AC	94	88	94	\$2,878	17,875	SLURRY AND CRACK SEAL
5TH ST	113 Ft N. of Woodland	100 Ft S. of Woodland	5TH	050	213	29	6,177	R	AC	72	69	78	\$2,367	34,704	SLURRY AND CRACK SEAL
7TH ST	Dunham Avenue	McCutcheon Avenue	7TH	020	289	33	9,537	R	AC	94	88	94	\$3,036	18,638	SLURRY AND CRACK SEAL
8TH ST	Pvmt Change/Kingpin	South Terminus	8TH	050	1,169	33	38,577	MiC	AC	92	88	93	\$12,278	35,682	SLURRY AND CRACK SEAL
9TH ST	Parkside Drive	100 ft S. of Dawn Ct	9TH	050	381	33	12,573	R	AC	94	88	94	\$4,002	17,949	SLURRY AND CRACK SEAL
ASPEN RIDGE DR	West Terminus	10th St	ASPENRIDGE	010	432	33	14,256	R	AC	94	88	94	\$4,538	17,949	SLURRY AND CRACK SEAL
BROOKER LN	4th Street	Territorial Road	BROOKER	010	897	12	10,764	R	AC	94	88	94	\$3,426	17,954	SLURRY AND CRACK SEAL
CORNERSTONE DR	Hwy 126	Jeans Road	CORNERSTON	010	990	33	32,670	MiC	AC	92	88	93	\$10,398	35,682	SLURRY AND CRACK SEAL
CROSSWOOD LN	North Terminus	Jake Street	CROSSWOOD	010	387	35	13,545	R	AC	94	88	94	\$4,311	18,716	SLURRY AND CRACK SEAL
DAWN CT	West Terminus	9th Street	DAWN	010	366	35	12,810	R	AC	94	88	94	\$4,078	17,960	SLURRY AND CRACK SEAL
HEAVENLY LN	West Terminus	Bolton Road	HEAVENLY	010	350	30	10,500	R	AC	94	88	94	\$3,342	18,722	SLURRY AND CRACK SEAL
HEAVENLY LN	Bolton Road	Trinity Street	HEAVENLY	020	736	30	22,080	R	AC	94	88	94	\$7,028	18,722	SLURRY AND CRACK SEAL
HUSTON RD	HWY 126	Hunter Road	HUSTON	020	1,435	25	35,875	MaC	AC	74	67	77	\$13,744	26,467	SLURRY AND CRACK SEAL
JAKE ST	West Terminus	Longwood Lane	JAKE	020	1,017	33	33,561	R	AC	94	88	94	\$10,682	18,716	SLURRY AND CRACK SEAL
MCCUTCHEON AVE	8th Street	3rd Street	MCCUTCHEON	010	1,669	29	48,401	R	AC	95	88	93	\$15,405	19,952	SLURRY AND CRACK SEAL
NOTTINGHAM ST	West Terminus	10th Street	NOTTINGHAM	010	324	33	10,692	R	AC	94	88	94	\$3,403	18,722	SLURRY AND CRACK SEAL
NOTTINGHAM ST	10th Street	Sherwood Street	NOTTINGHAM	020	266	33	8,778	R	AC	94	88	94	\$2,794	18,722	SLURRY AND CRACK SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:



Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
OAK ISLAND DR	Cherry Lane	Perkins Road	OAK ISLAND	040	1,019	29	29,551	R	AC	94	88	94	\$9,406	17,960	SLURRY AND CRACK SEAL
PERKINS CT	Perkins Road	North Terminus	PERKINS	050	256	35	8,960	R	AC	72	68	78	\$3,433	30,524	SLURRY AND CRACK SEAL
SHERWOOD ST	South Terminus	9th Street	SHERWOOD	010	667	33	22,011	R	AC	94	88	94	\$7,006	17,960	SLURRY AND CRACK SEAL
SUN RIDGE WAY	8th Street	East Terminus	SUN RIDGE	010	101	29	2,929	R	AC	94	88	94	\$933	18,711	SLURRY AND CRACK SEAL
TODD WAY	West Terminus	Hope Lane	TODD	010	564	32	18,048	R	AC	73	69	78	\$6,915	30,713	SLURRY AND CRACK SEAL
										Treatment Total			\$142,744		
Year 2021 Area Total							434,397			Year 2021 Total			\$142,744		

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
E BROADWAY AVE	6th Street	Pvmt Change at 4th	BROADWAY	020	587	28	16,436	MiC	AC	96	89	94	\$5,389	31,693	SLURRY AND CRACK SEAL
PERKINS DR	Greenley Street	330 ft. W. of Rendezvous Lp (West int)	PERKINS	005	833	35	29,155	MaC	AC	90	83	90	\$9,558	40,038	SLURRY AND CRACK SEAL
										Treatment Total		\$14,947			
Year 2022 Area Total							45,591		Year 2022 Total		\$14,947				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
2ND ST	Brooker Lane	Broadway Avenue	2ND	010	271	45	12,195	R	AC	95	85	92	\$4,118	24,779	SLURRY AND CRACK SEAL
3RD ST	Broadway Avenue	Dunham Avenue	3RD	020	296	22	6,512	R	AC	95	85	92	\$2,199	24,695	SLURRY AND CRACK SEAL
GREENLEY ST	Perkins Road	360 ft. North of Perkins Road	GREENLEY	010	360	27	9,720	R	AC	87	80	87	\$3,282	32,581	SLURRY AND CRACK SEAL

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/22/2019

Scenario: (1) Unconstrained Needs

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
GREENLEY ST	360 ft North of Perkins Rd	End 260 ft East of Lark Street	GREENLE	020	490	28	13,720	R	AC	87	80	87	\$4,633	32,581	SLURRY AND CRACK SEAL
LARK ST	Perkins Road	Greenley Street	LARKST	010	351	28	9,828	R	AC	87	80	87	\$3,319	32,581	SLURRY AND CRACK SEAL
SUN RIDGE WAY	Perkins Road	Dead end North of Perkins Road	SUNRIDG	010	625	28	17,500	R	AC	87	80	87	\$5,909	32,581	SLURRY AND CRACK SEAL
										Treatment Total		\$23,460			
Year 2023 Area Total							69,475		Year 2023 Total		\$23,460				

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
TODD WAY	North Terminus	Jeans Road	TODD	030	230	33	7,590	R	AC	59	48	100	\$19,006	19,415	COLD MILL AND 2 IN OVERLAY
										Treatment Total		\$19,006			
Year 2024 Area Total							7,590		Year 2024 Total		\$19,006				
Total Section Area:							3,424,080		Grand Total		\$2,512,640				



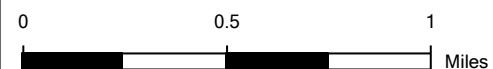
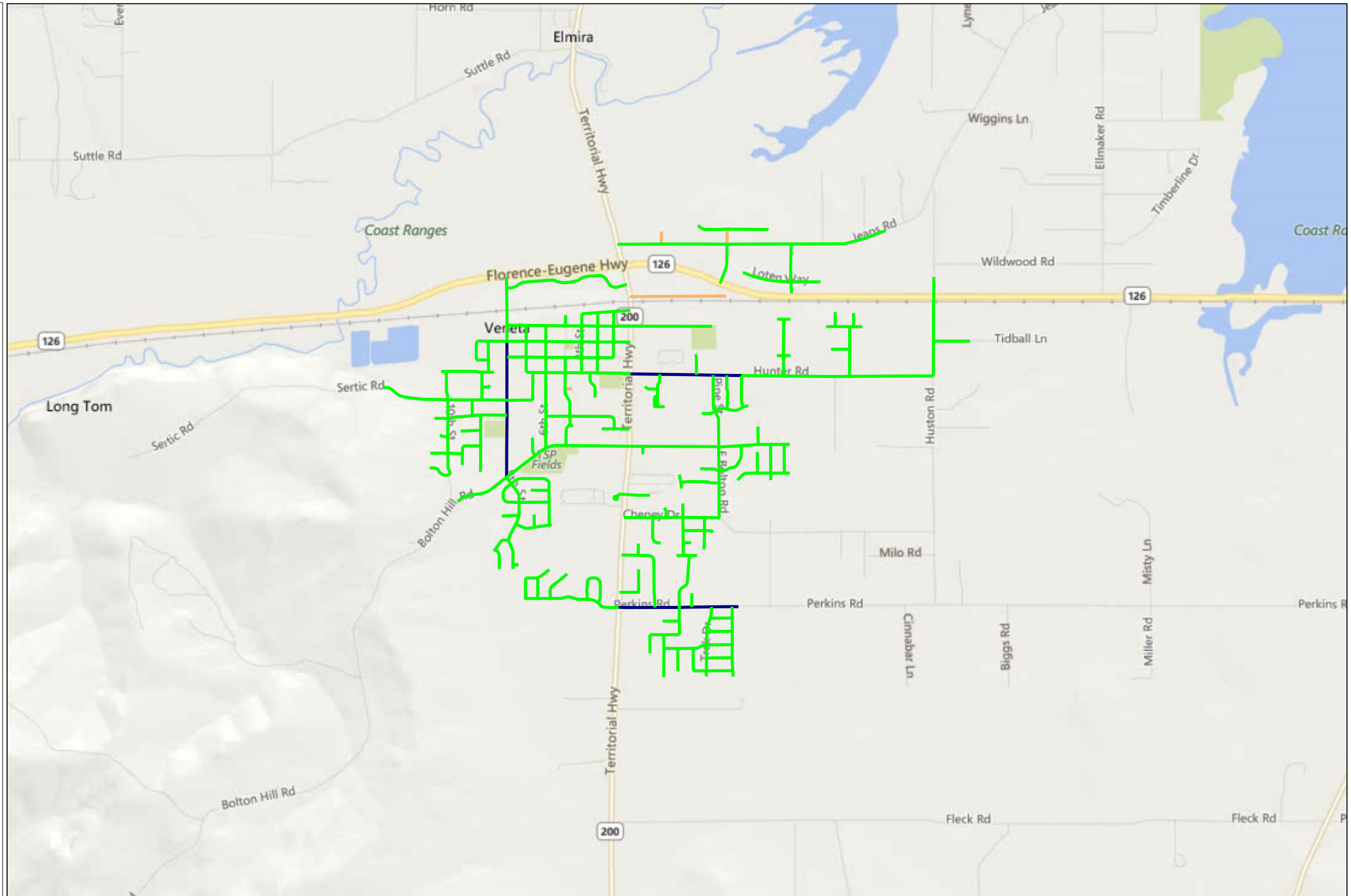
City of Veneta

# Scenario Treatments

(1) Unconstrained Needs - All Project Periods - Printed: 1/22/2019

## Feature Legend

- COLD MILL AND 2 IN OVERLAY
- RECONSTRUCT STRUCTURE (AC)
- SLURRY AND CRACK SEAL





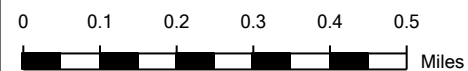
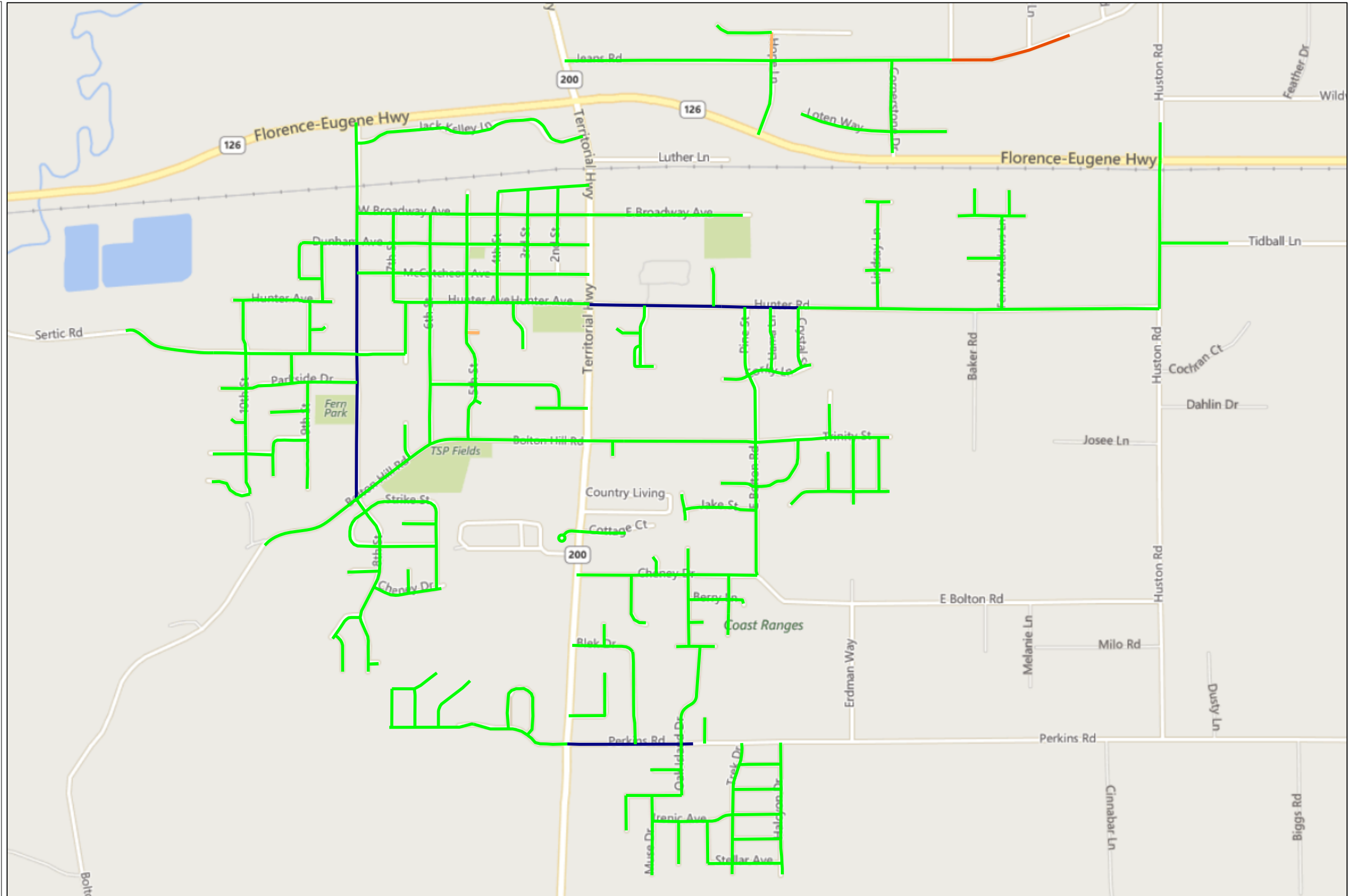
City of Veneta

# Scenario Treatments

(2) Current Funding - All Project Periods - Printed: 1/22/2019

## Feature Legend

- COLD MILL AND 2 IN OVERLAY
- COLD MILL AND 4 IN OVERLAY
- RECONSTRUCT STRUCTURE (AC)
- SLURRY AND CRACK SEAL





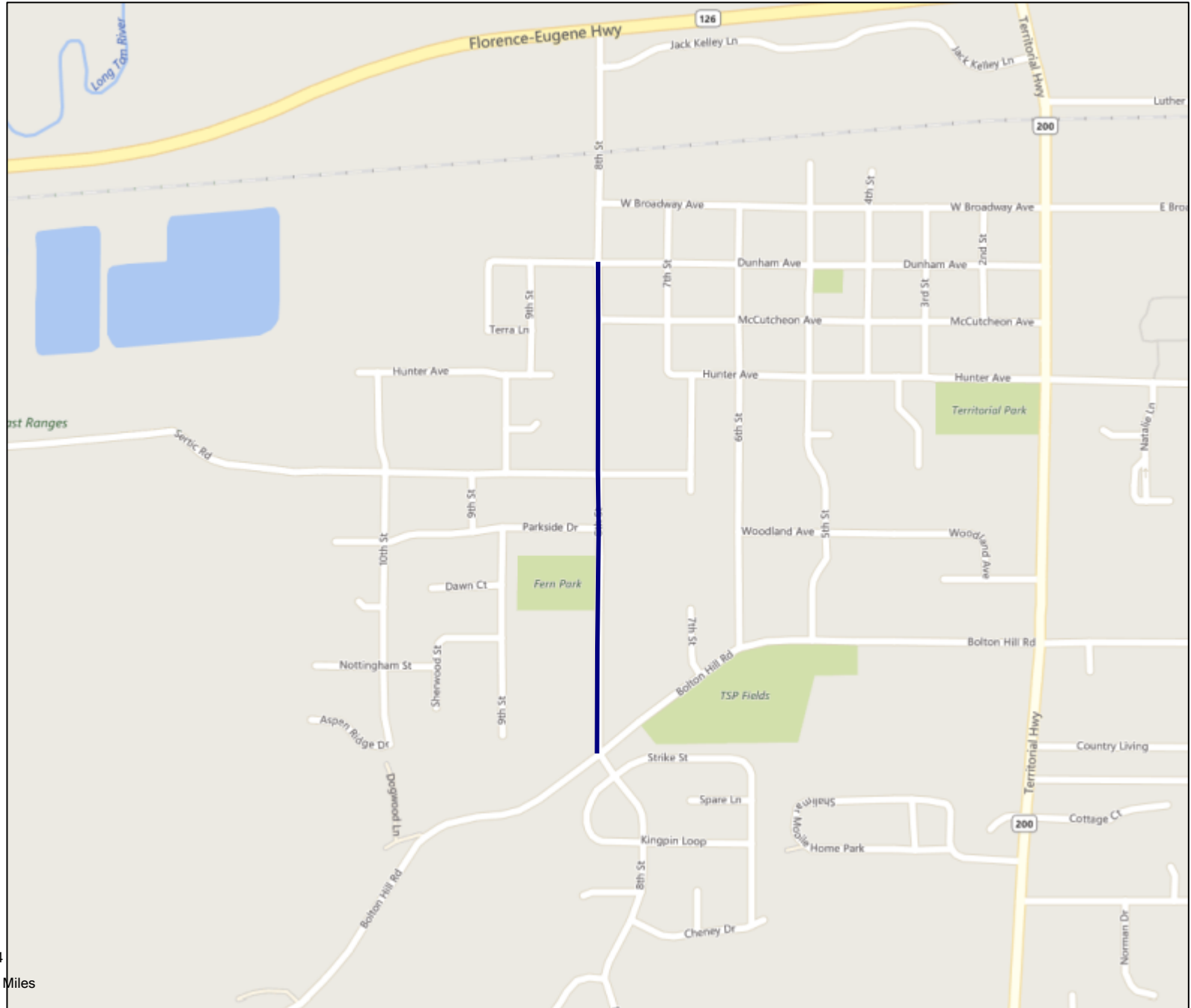
City of Veneta

# Scenario Treatments

(2) Current Funding - 2019 Project Period - Printed: 1/22/2019

## Feature Legend

■ RECONSTRUCT STRUCTURE (AC)





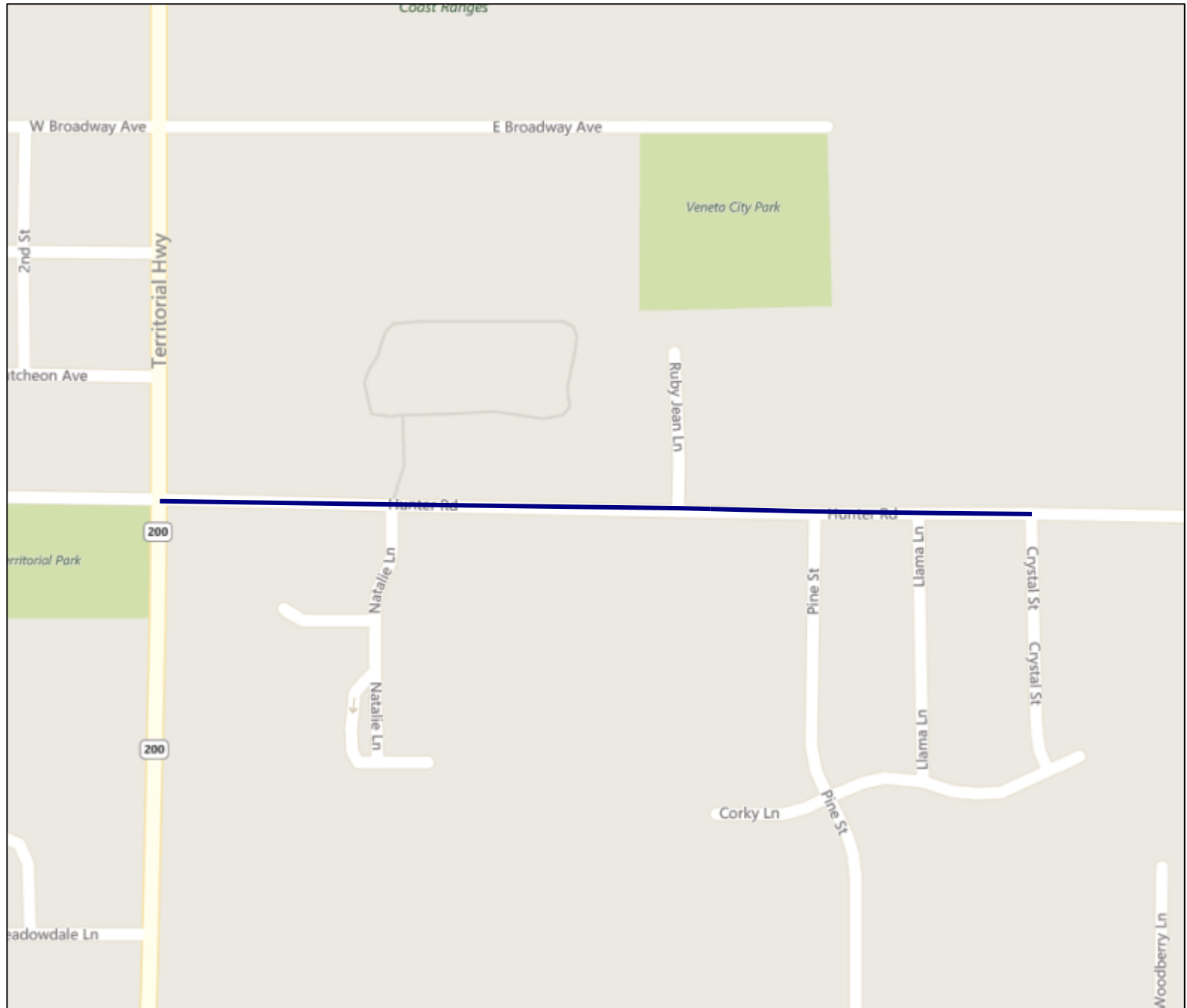
City of Veneta

# Scenario Treatments

(2) Current Funding - 2020 Project Period - Printed: 1/22/2019

## Feature Legend

■ RECONSTRUCT STRUCTURE (AC)





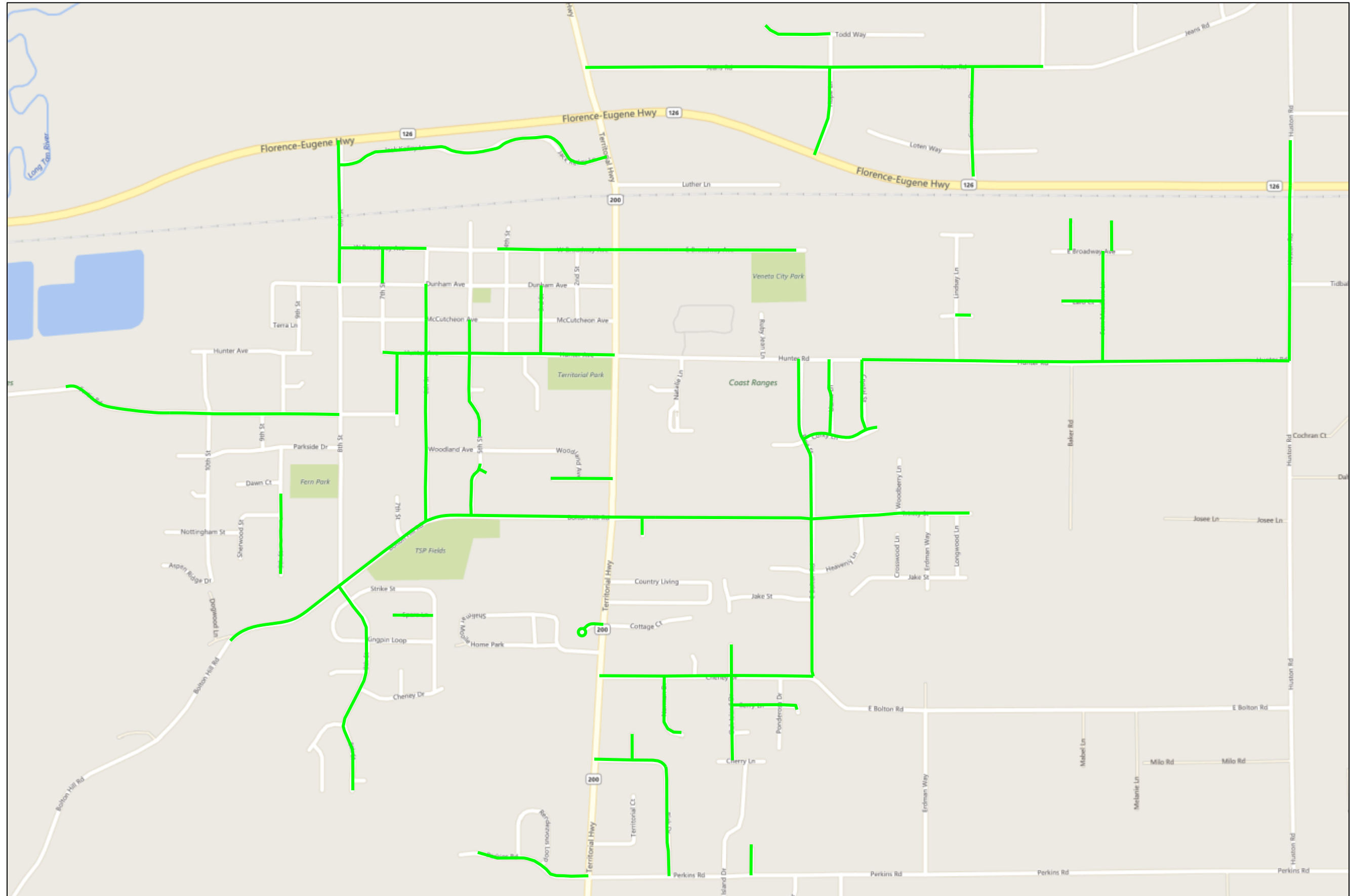
City of Veneta

# Scenario Treatments

(2) Current Funding - 2021 Project Period - Printed: 1/22/2019

## Feature Legend

■ SLURRY AND CRACK SEAL









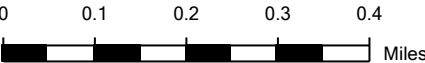
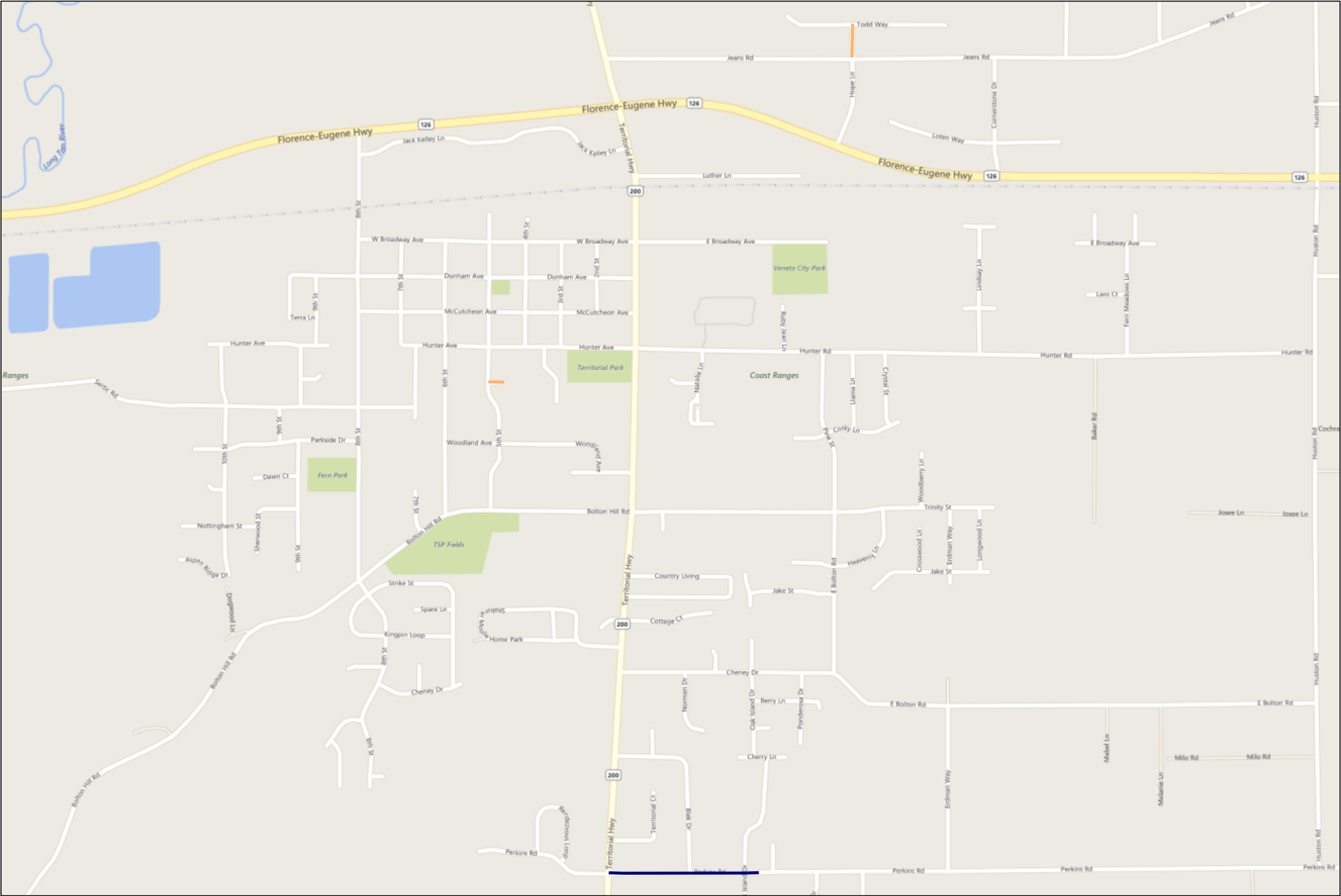
City of Veneta

# Scenario Treatments

(2) Current Funding - 2022 Project Period - Printed: 1/22/2019

## Feature Legend

-  COLD MILL AND 2 IN OVERLAY
-  RECONSTRUCT STRUCTURE (AC)







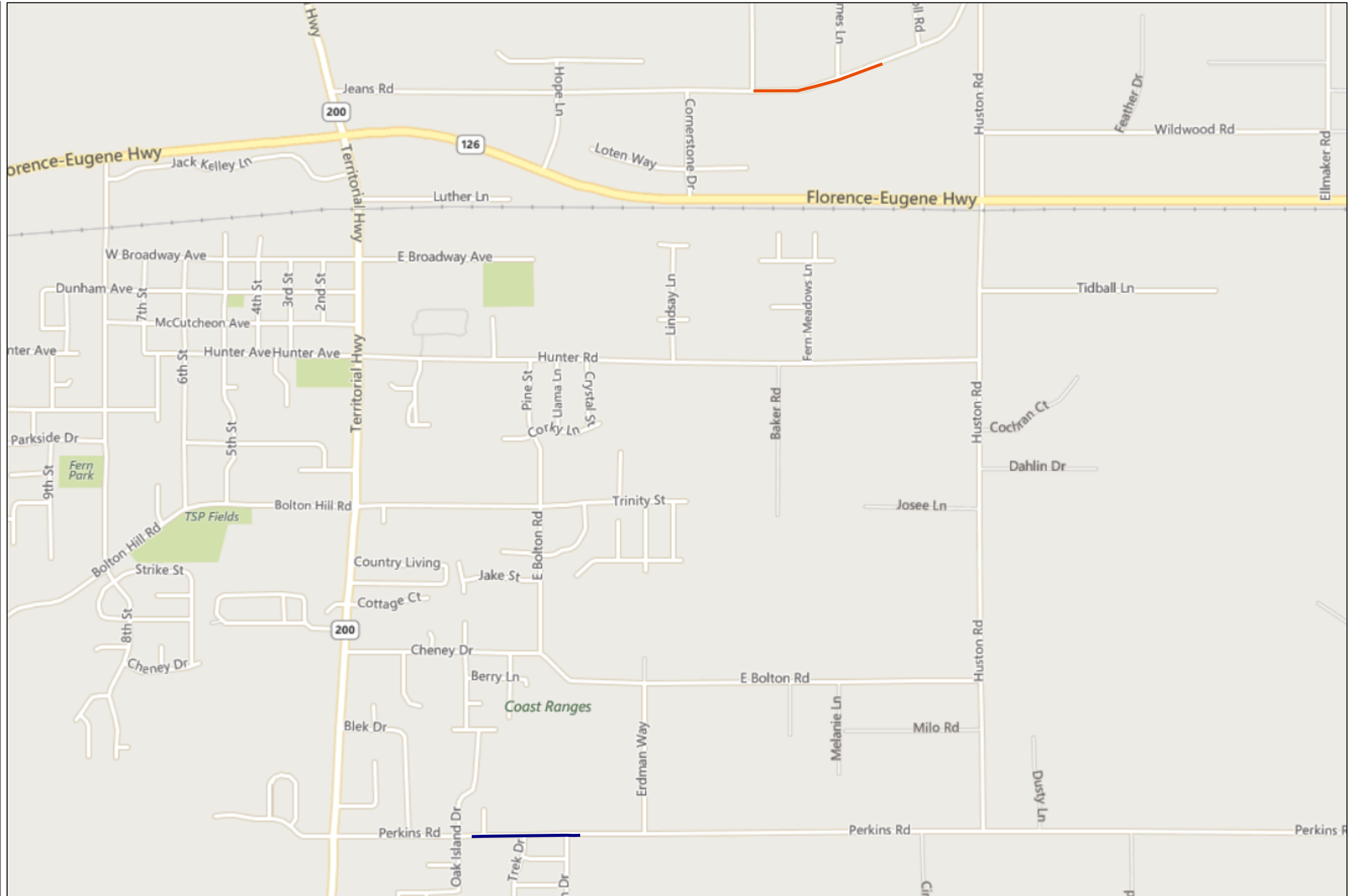
City of Veneta

# Scenario Treatments

(2) Current Funding - 2023 Project Period - Printed: 1/22/2019

## Feature Legend

- COLD MILL AND 4 IN OVERLAY
- RECONSTRUCT STRUCTURE (AC)





City of Veneta

# Scenario Treatments

(2) Current Funding - 2024 Project Period - Printed: 1/22/2019

## Feature Legend

 SLURRY AND CRACK SEAL

