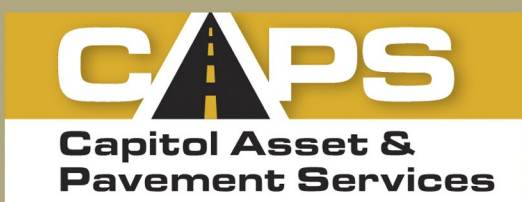


Pavement Management Program Budget Options Report



January, 2018

City of Warrenton
Public Works

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Executive Summary

Capitol Asset & Pavement Services, Inc. was contracted by the City of Warrenton public works to perform visual inspections of all of the paved streets maintained by the City of Warrenton (City). All 26.04 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 August, 2017.

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 four budget scenarios were evaluated to compare the effects of various funding levels.

The City's street network consists of 26.04 centerline miles of streets. A detailed visual inspection of the City's streets resulted in a calculated average PCI of 69. Using a 0-100 PCI scale, with 100 being the most favorable, a rating of 69 places the City's street network in the 'Fair' condition category.

Four 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 \$7.73 million over the next five years to bring the street network into 'optimal' condition, or an overall street network PCI of 84. Comparing this with the current funding level of \$1.5 million over the next five years shows that the average network PCI increases by one point, to 70 by 2022. Scenarios were also run to determine the funding levels required to increase the overall network PCI by 5 points (Scenario #3) and 10 points (Scenario #4) over the next five years. Scenario analyses show that at current funding levels, the overall street condition should continue to improve. Table 1 summarizes the findings of the Scenarios.

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

Average yearly budget	\$1.55 million (1-Unconstrained)	\$300,000 (2-Current Funding)	\$550,000 (3-Increase PCI 5 points)	\$1.0 million (4-Increase PCI 10 points)
Total budget for 5 years	\$7.73 million	\$1.5 million	\$2.8 million	\$5.0 million
Current PCI	69	69	69	69
Current % in 'Good' condition	57.4%	57.4%	57.4%	57.4%
PCI after 5 years (change)	84 (+15)	70 (+1)	74 (+5)	79 (+10)
Backlog after 5 years	\$0	\$5.9 million	\$4.8 million	\$2.5 million
% 'Good' in 5 years	92.3%	75.0%	79.6%	83.8%
% 'Fair' in 5 years	7.7%	7.7%	7.7%	7.7%
% 'Poor' in 5 years	0.0%	6.0%	3.3%	3.3%
% 'Very Poor' in 5 years	0.0%	11.3%	9.4%	5.2%

Purpose

This report is intended to assist the City of Warrenton 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 five years and at various funding levels.

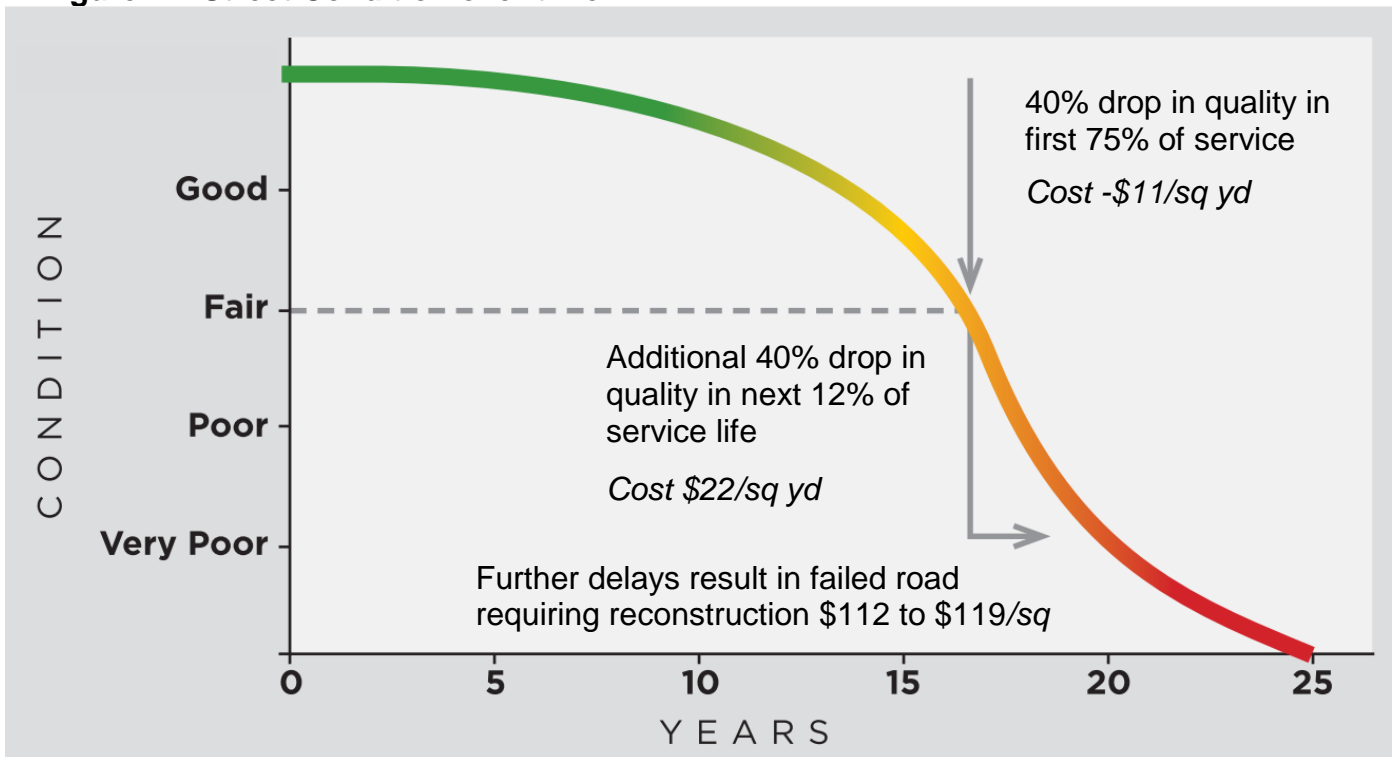
Pavement Management Strategy

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, microsurfacing, 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 26.04 centerline miles of paved streets. The City’s street network replacement value is estimated at \$42.6 million.¹ 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 69, which indicates that the street network is in ‘Fair’ 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.

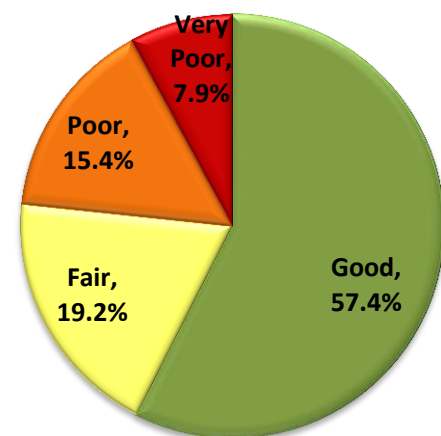
Table 2 – Street Network Statistics and Average PCI by Functional Class

Functional Class	# of Sections	Centerline Miles	Lane Miles	Average PCI
Arterial	1	0.68	1.36	44
Collector	19	2.87	6.29	67
Residential	210	22.49	43.69	69
Totals	230	26.04	51.34	69

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	8.0%	49.4%	57.4%
Fair (II/III)	50-70	3.2%	16.0%	19.2%
Poor (IV)	25-50	1.1%	11.6%	15.4%
Very Poor (V)	0-25	1.6%	6.4%	7.9%
Totals		13.9%	83.4%	



¹ 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.

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 \$7.73 million² over the next five-year period (2018–2022) 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 \$4.6 million is needed in the first year alone. The five-year cost of \$7.73 million exceeds the City's planned five-year funding level of \$1.5 million by approximately \$6.2 million.

As mentioned earlier, the average PCI for the City's streets is 69, which is in the 'Fair' condition category. Why then, does it cost so much to repair the City's streets, and why bother improving them?

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 (microsurfacing or chip 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 \$3.00 per square yard³. 57.4% of the City's street network would benefit from these relatively inexpensive, life-extending treatments. The City does not currently perform surface seals, so these treatments were not included in the analysis for this report.

19.2% 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. The street surface may require a 2 to 3 inch overlay (depending on functional class, and the extent of load related distresses), at a cost of \$11 to \$17/sq yd.

15.4% 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 a 2 inch overlay (residential streets) to 4 inch overlay (collector and arterial streets), at a cost of \$11 to \$22/sq yd.

7.9% 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

² Treatment costs are based on this year's average costs per square yard, with future years including a 3% inflation adjustment per year after 2018.

³ For detailed treatments and costs used in analysis for this report, see appendix C – Decision Tree report

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. Estimated costs to reconstruct the street surface are approximately \$112 to \$119/sq yd.

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 \$1.5 million on pavement maintenance rehabilitation during the next five years (2018- 2022) as detailed on Table 4.

Table 4. Projected Pavement Budget for 2018 to 2022

2018	2019	2020	2021	2022	Total
\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1.5 million

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 69, which is in the 'Fair' condition category. Current funding strategies demonstrate there is a \$4.2 million deferred maintenance backlog⁴ 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 \$7.73 million over the next five years. If the City follows the strategy recommended by the program, the average network PCI will increase to 84. If, however, current pavement maintenance funding is exhausted and little or no maintenance is applied over the next five years, already distressed streets will continue to

⁴ Definition of deferred maintenance backlog can be found in Appendix A

deteriorate, and the network PCI will drop to 60. The results of the budget needs analysis are summarized in Table 5.⁵

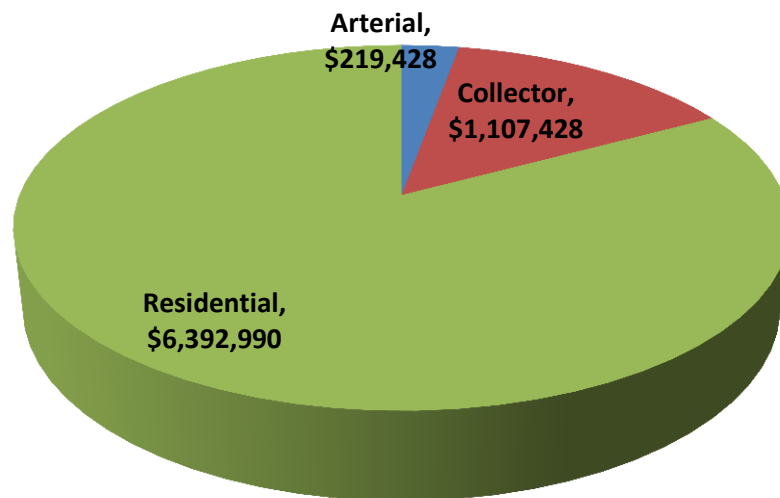
Table 5. Summary of Results from Needs Analysis

<i>Fiscal Years</i>	2018	2019	2020	2021	2022	Total
PCI with Treatment	83	82	83	83	84	---
PCI, no Treatment	67	65	64	62	60	---
Budget Needs Total	\$4,620,895	\$613,541	\$826,171	\$494,003	\$1,170,464	\$7,725,074
Rehabilitation Portion	\$4,283,446	\$566,240	\$788,241	\$441,659	\$1,138,194	\$7,217,780
Preventative Maintenance Portion	\$332,225	\$47,300	\$37,929	\$52,343	\$32,269	\$502,066

Table 5 shows the level of expenditure required to raise the City’s pavement condition to an optimal network PCI of 84 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.

Figure 4 is based on the budget needs predictive module. The pavement management program is recommending a funding level of \$7.73 million over a five-year period. Figure 4 illustrates the funding distribution by street functional classification.

Figure 4. Budget Needs Funding Distribution by Functional Classification



⁵ Actual program outputs are included in Appendixes B through F

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 five (5)-year periods (2018-2022). The results are summarized in Table 6.

1. *Unconstrained (zero “deferred maintenance”)* — The annual amounts, as identified in the budget needs analysis totaling \$7.73 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 average annual budget of \$300,000 was evaluated over five years, for a total of \$1.5 million, to determine the effects of continuing pavement maintenance at the current budget level. The overall network PCI increases by one point, to 70, under this funding level.
3. *Increase PCI 5 points* — An annual funding level of \$550,000 per year, for a five year total of \$2.8 million, , should increase the overall network PCI by five points, to 74 over the duration of the five-year analysis period.
4. *Increase PCI 10 points* — An annual funding level of \$1.0 million per year, for a five year total of \$5.0 million, should increase the overall network PCI by ten points, to 79 over the duration of the five-year analysis period.

Table 6. Scenario Summary

Scenario Name	5 Year Budget	2022 PCI (change)	2022 Deferred Maintenance	2022 % Good	2022 % Very Poor
1 – Unconstrained	\$7.73 million	84 (+15)	\$0	92.3%	0.0%
2 – Current Investment	\$1.5 million	70 (+1)	\$5.9 million	75.0%	11.3%
3 – Increase PCI 5 points	\$2.8 million	74 (+5)	\$4.8 million	79.6%	9.4%
4 – Increase PCI 10 points	\$5.0 million	79 (+10)	\$2.5 million	83.8%	5.2%

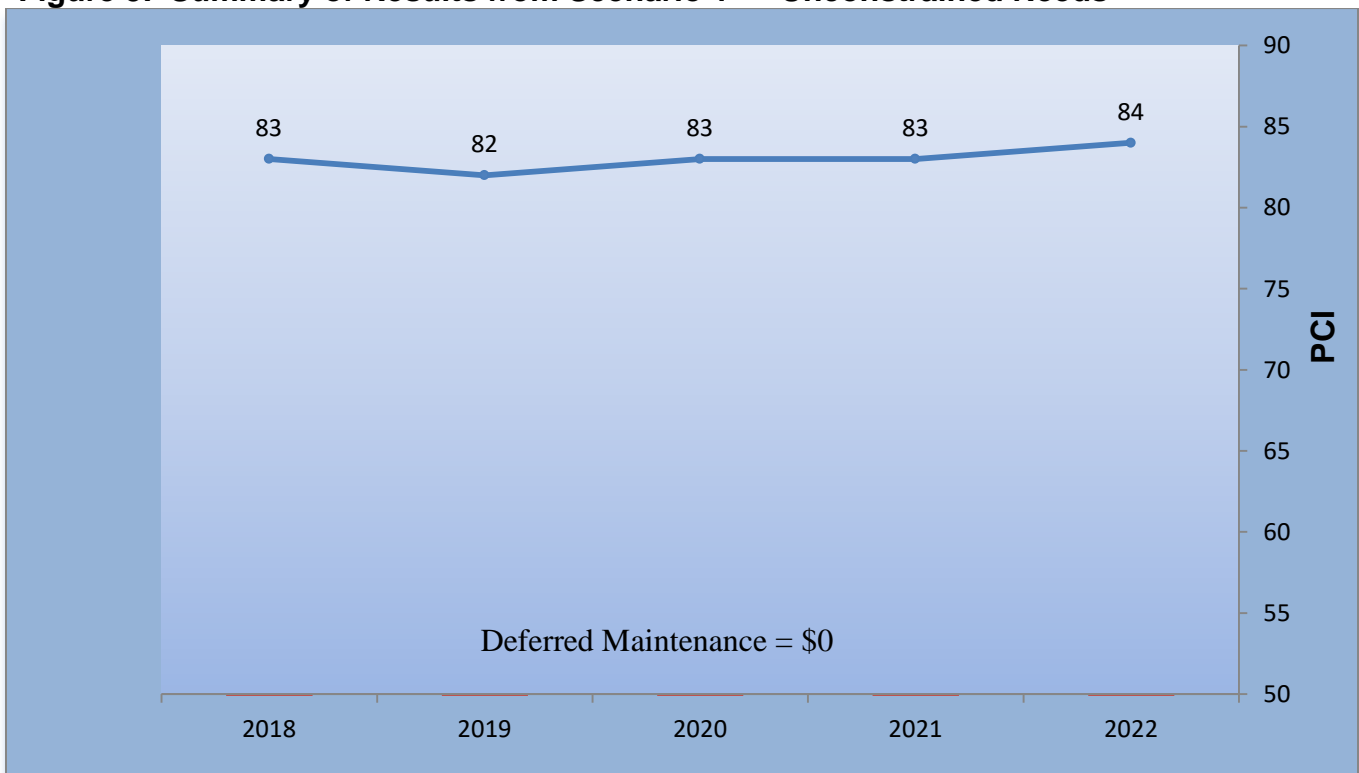
Scenario 1 — Unconstrained Needs (zero deferred maintenance)

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 five-year program, raising the overall average network PCI to 83. By 2022, 92.3% of the network improves into the 'Good' condition category, a significant increase from the current level of 57.4% in 'Good' condition. These results are shown in both Table 7 and Figure 5.

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

	2018	2019	2020	2021	2022	Total
Budget Total	\$4,620,895	\$613,541	\$826,171	\$494,003	\$1,170,464	\$7,725,074
Rehabilitation budget	\$4,283,446	\$566,240	\$788,241	\$441,659	\$1,138,194	\$7,217,780
Preventative Maintenance budget	\$332,225	\$47,300	\$37,929	\$52,343	\$32,269	\$502,066
Deferred Maintenance	\$0	\$0	\$0	\$0	\$0	---
PCI	83	82	83	83	84	

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



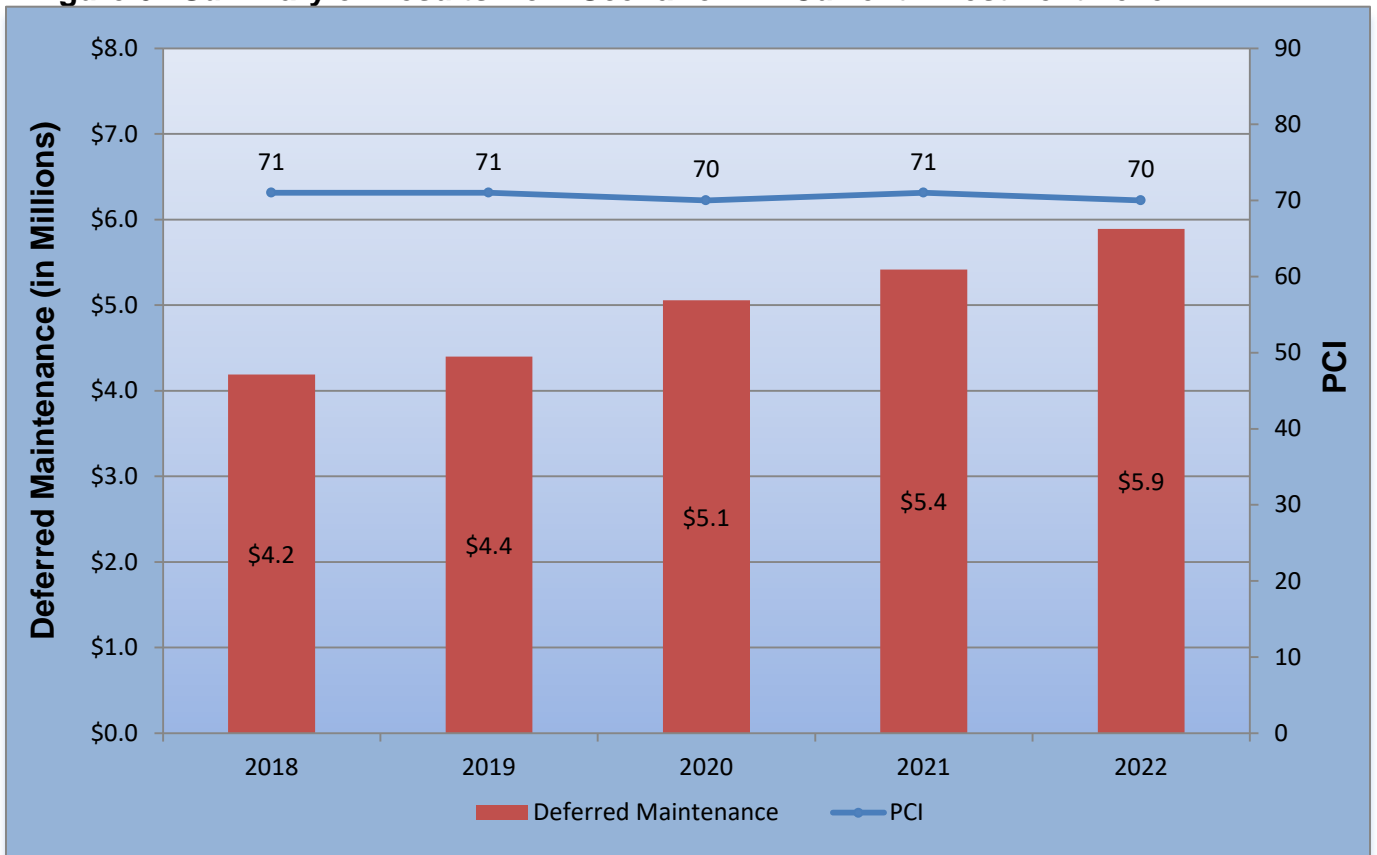
Scenario 2 — Current Investment Level

This scenario shows the effects of the City’s current budget for street maintenance of \$1.5 million over five years. Under this scenario, the overall network PCI increases by one point, from 69 currently, to 70 by 2022. Under this investment level, the deferred maintenance backlog increases from \$4.2 million in 2018, to \$5.9 million in 2022, mainly due to the increase of streets that fall into ‘Very Poor’ condition, where they require expensive reconstruction treatments. The street network in ‘Very Poor’ condition increases from 7.9% currently, to 11.3% in 2022. The percentage of the street network in ‘Good’ condition improves, from 57.4% currently, to 75.0% in 2022. Results are illustrated in Table 8 and Figure 6.

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

	2018	2019	2020	2021	2022	Total
Budget Total	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$1,500,000
Rehabilitation budget	\$269,977	\$251,284	\$262,285	\$258,404	\$257,698	\$1,299,648
Preventative Maintenance budget	\$29,944	\$48,356	\$37,551	\$41,265	\$41,917	\$199,033
Deferred Maintenance	\$4,190,860	\$4,400,169	\$5,058,504	\$5,414,251	\$5,892,020	---
PCI	71	71	70	71	70	

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



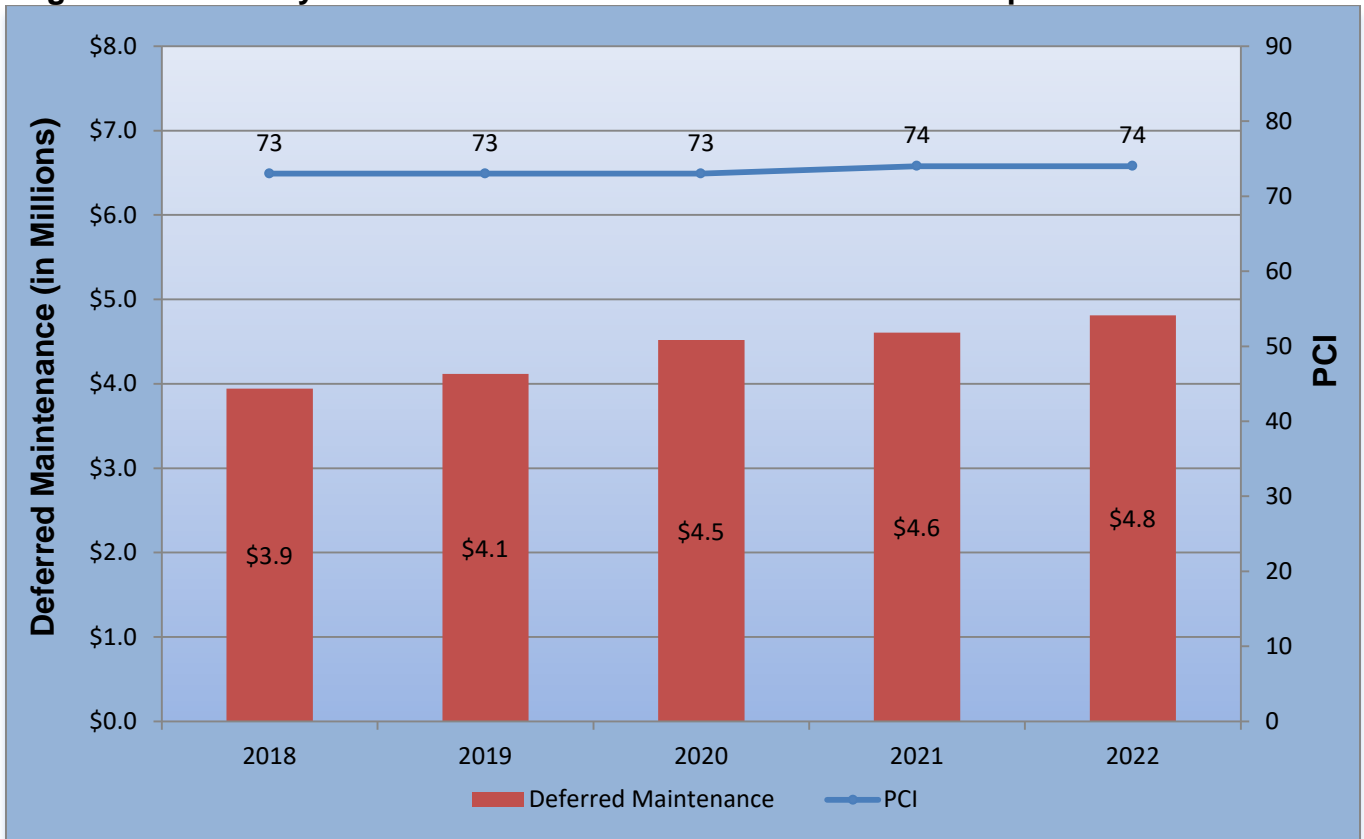
Scenario 3 — Increase PCI 5 points

This scenario analyzes the funding level required to increase the overall network PCI by 5 points over the next five years. Under this scenario the PCI increases by five points, from the current level of 69, to 74 in 2022. An annual investment level of \$550,000, for a total of \$2.8 million over five years, would be needed to achieve this goal. Even though the PCI improves, the deferred maintenance backlog increases from \$3.9 million in 2018, to \$4.8 million by 2022. The street network in ‘Very Poor’ condition increases from 7.9% currently, to 9.4% in 2022. The percentage of the street network in the ‘Good’ condition category increases to 79.6% in 2022, from the current level of 57.4%. These results are illustrated in Table 9 and Figure 7.

Table 9. Summary of Results, Scenario 3 — Increase PCI 5 points

	2018	2019	2020	2021	2022	Total
Budget Total	\$550,000	\$550,000	\$550,000	\$550,000	\$550,000	\$2,750,000
Rehabilitation budget	\$493,318	\$487,020	\$473,641	\$466,181	\$470,360	\$2,390,520
Preventative Maintenance budget	\$56,175	\$62,499	\$76,108	\$83,694	\$78,192	\$356,668
Deferred Maintenance	\$3,941,291	\$4,117,395	\$4,517,339	\$4,606,496	\$4,810,474	---
PCI	73	73	73	74	74	

Figure 7. Summary of Results from Scenario 3 — Increase PCI 5 points



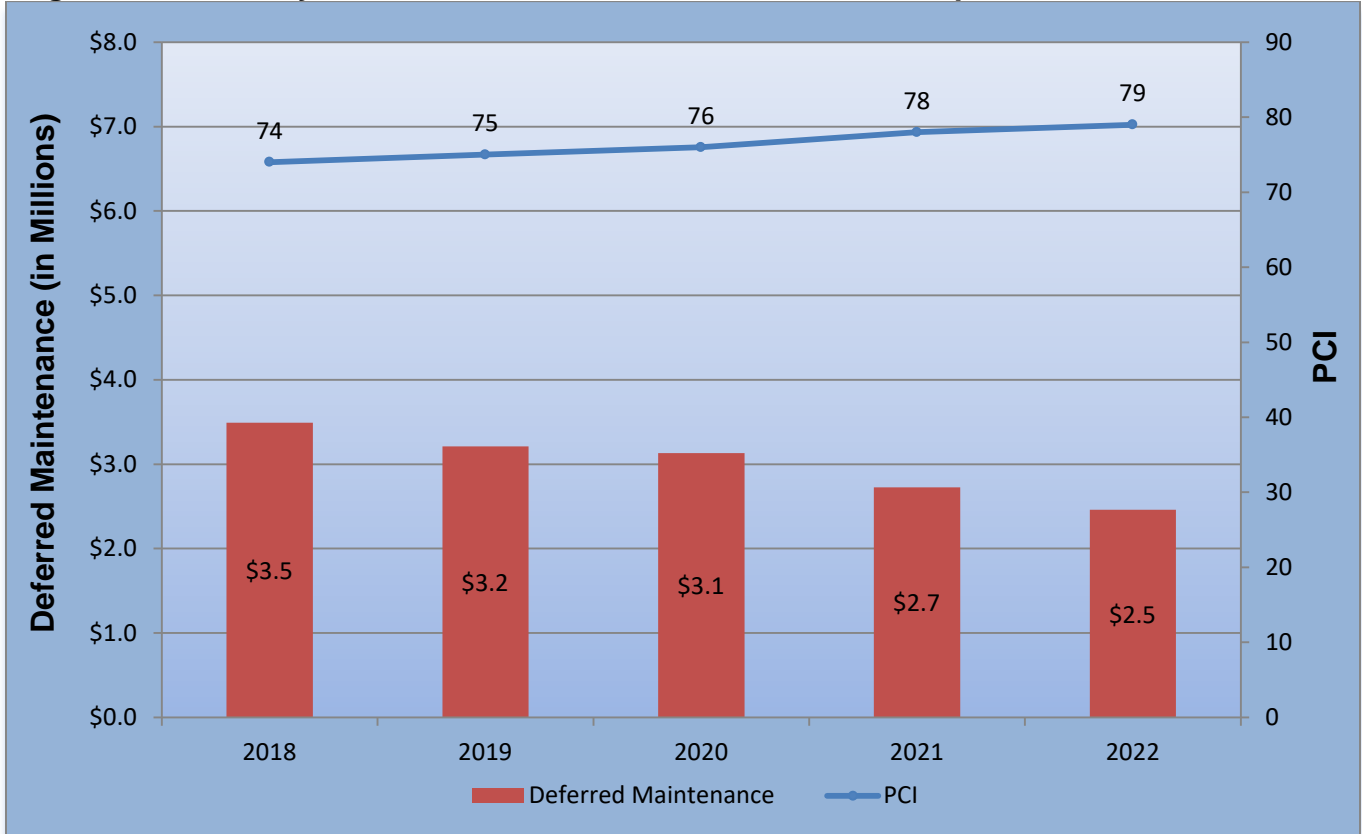
Scenario 4 — Increase PCI 10 points

This scenario analyzes the funding level required to increase the overall network PCI by ten points over the next five years. An annual investment level of \$1.0 million, for a total of \$5.0 million over five years, would increase the overall network PCI from the current level of 69, to 79 in 2022. At this funding level the deferred maintenance backlog decreases, from \$3.5 million in 2018, to \$2.5 million in 2022. The percentage of the street network in the ‘Good’ condition category increases to 83.8% in 2022, from the current level of 57.4%. The street network in ‘Very Poor’ condition decreases from 7.9% currently, to 5.2% in 2022. These results are illustrated in Table 10 and Figure 8.

Table 10. Summary of Results, Scenario 4 — Increase PCI 10 points

	2018	2019	2020	2021	2022	Total
Budget Total	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$1,000,000	\$5,000,000
Rehabilitation budget	\$898,362	\$899,094	\$897,660	\$891,089	\$879,359	\$4,465,564
Preventative Maintenance budget	\$101,314	\$100,464	\$102,343	\$108,216	\$80,837	\$493,174
Deferred Maintenance	\$3,491,117	\$3,209,835	\$3,132,302	\$2,726,959	\$2,461,361	---
PCI	74	75	76	78	79	

Figure 8. Summary of Results, Scenario 4 — Increase PCI 10 points



A comparison of the four scenarios is summarized in Figures 10 and 11. Figure 10 depicts the deferred maintenance costs as they relate to PCI for the four scenarios evaluated. Figure 11 depicts the percent of the street network in the various condition categories for the four scenarios evaluated.

Figure 10 - Deferred Maintenance and PCI of Scenarios 1-4

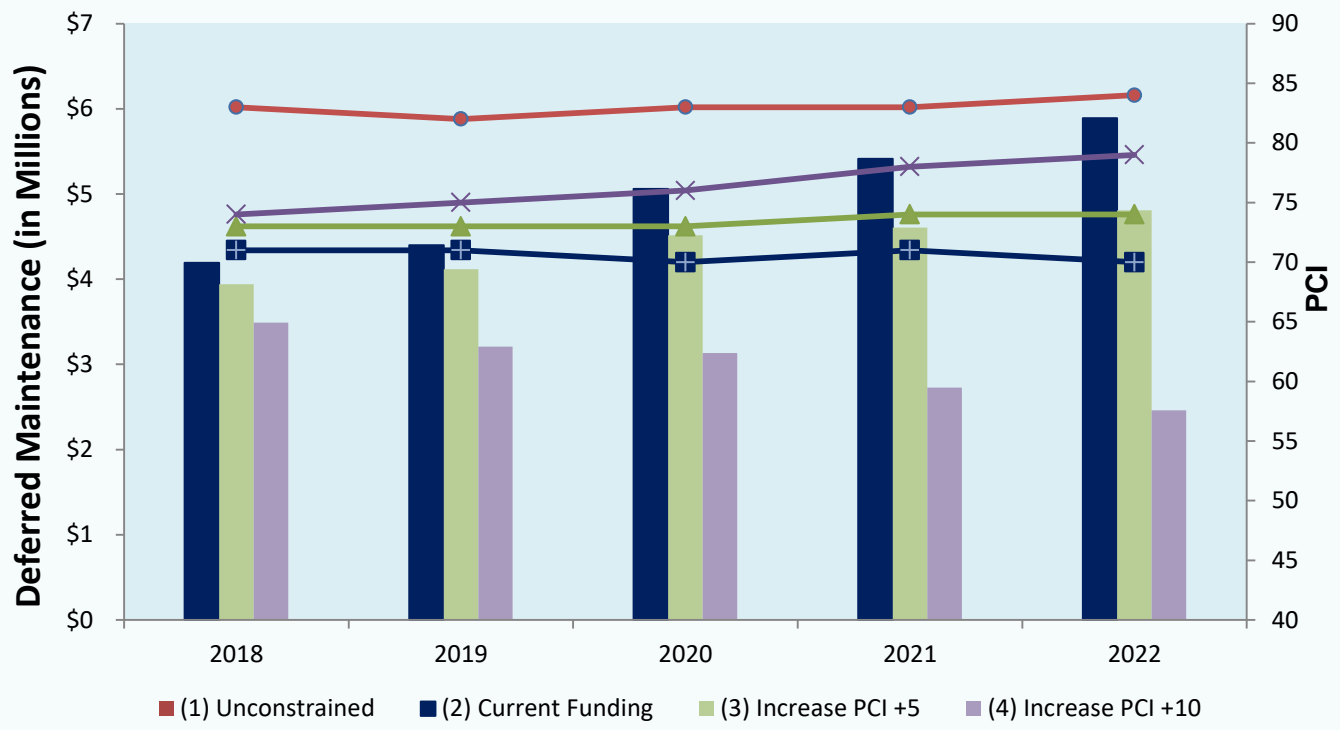
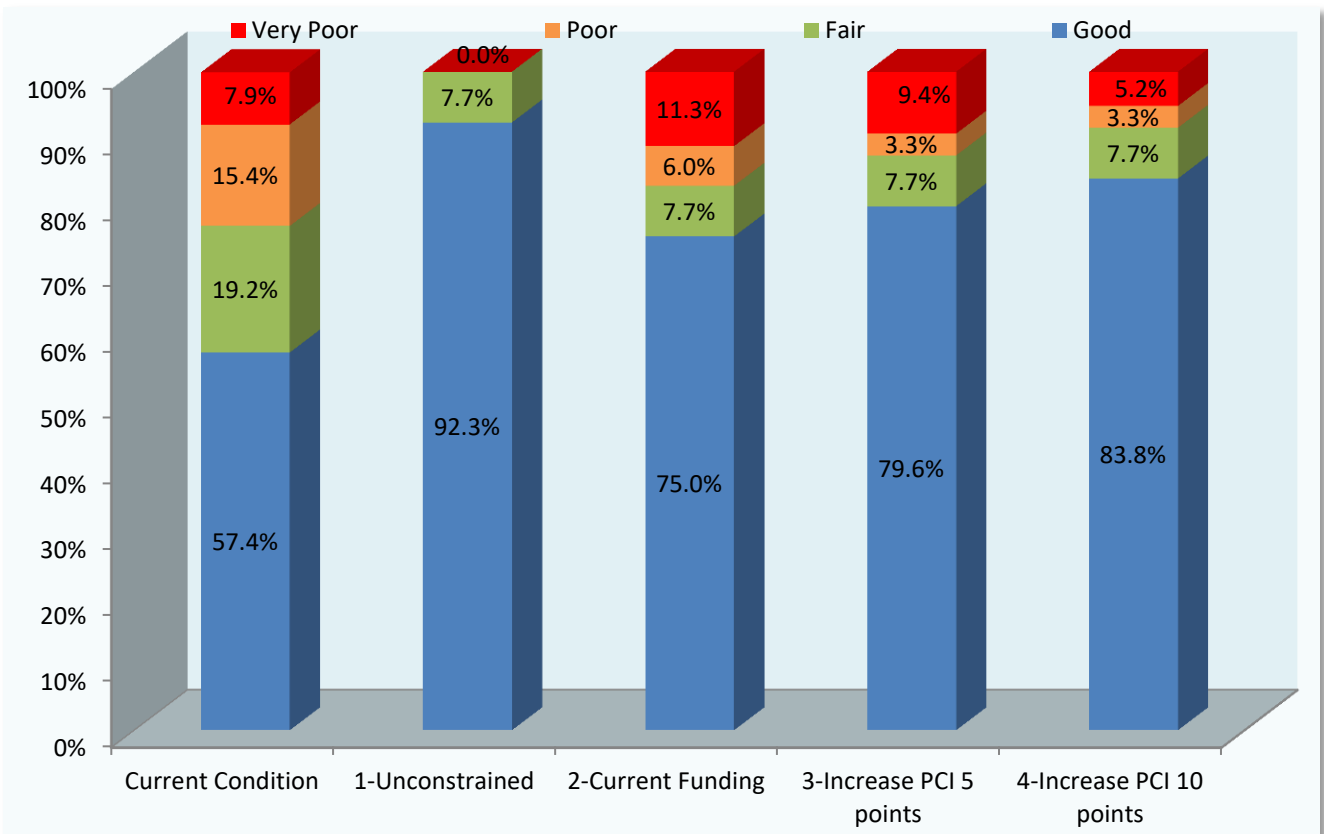


Figure 11 – Pavement Condition Category Percentages in 2022 – Scenarios 1-4



Recommendations

Of the various maintenance and funding options considered, the *ideal* strategy for the City is presented in Scenario 1, with a five-year expenditure total of \$7.73 million. Not only does this surface management plan improve the network to an optimal level of 84, 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 \$4.6 million, may make this strategy unrealistic for the City. This scenario can, however, be used as a base line for comparing other scenarios.

Under current five-year funding level (\$1.5 million over five years) the current network PCI of 69 should improve by one point over the course of five years. The deferred maintenance price tag will increase, from \$4.2 million in 2018, to \$5.9 million in 2022. By following this strategy through 2022, 75.0% of the City's street will be in the 'Good' condition category, an increase from the current level of 57.4% in 'Good' condition. However, the street network in 'Very Poor' condition increases from 7.9% currently, to 11.3% in 2022. At the City's current funding level, the street network condition will improve slightly over the foreseeable future, though the increase in the deferred maintenance and percent of the street network in 'Very Poor' condition indicate that the City should increase funding for street maintenance.

One strategy to raise funds for street maintenance would be to implement a local fee dedicated solely to street maintenance and rehabilitation, such as a Transportation Utility Fee. A Transportation Utility Fee (sometimes known as a Street Maintenance Fee, Street User Fee, or Street Utility Fee) is a monthly fee based on use of the transportation system that is collected from residences and businesses within the City limits. The fee is based on the number of trips a particular land use generates and is collected through the City's regular utility bill. Adjustments can also be made for certain business types based on the nature of the traffic they create. The fee is designated for use in the maintenance and repair of the City's transportation system. Users of the street system share the costs of the rehabilitative and preventive maintenance needed to keep the street system operating at an adequate level.

As demonstrated in the different scenarios, the City needs to invest a significant amount of money on expensive rehabilitation and reconstruction projects. This will reduce the deferred maintenance backlog, increase the network PCI, and allow money to be spent for less capital-intensive treatments such as crack sealing and thin overlays in the future.

The City currently does not utilize any surface seal treatments (slurry seal, chip seal, etc). This is somewhat due to the climate on the Oregon coast, where it weather can often be a challenge to predict, and temperature and humidity, even during the summer, may not allow for the slurry seal to set correctly. Clatsop County has been successfully treating roads with chip seals for many years. This treatment could significantly extend the life of streets in 'Good' condition, at a fraction of the cost of an overlay. It is recommended that the City implement a preventative maintenance program of crack and chip seals to preserve streets that are in good condition.

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 chip and crack seal program, the City will save money in the long run. The use chip seals or 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:

- 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.

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 arterial and collector streets every two years and residential streets every three to four years is recommended.

The City has completed the foundation work necessary to execute a successful pavement management plan. At the current investment level, the overall street condition should continue to improve, and the deferred maintenance backlog will likely increase as more streets fall into 'Poor' and 'Very Poor' condition. To reduce the deferred maintenance backlog, additional revenues and support from various decision-making bodies are required.

As more 'Fair' streets deteriorate into the '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 when the whole network falls into the 'Very Poor' category (i.e. cannot deteriorate any further). At that time, the network would have to be replaced at a cost of \$42.6 million.

Appendix A

Definitions

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.

'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.

Appendix B

Network Summary Statistics

Network Replacement Cost

	Total Sections	Total Center Miles	Total Lane Miles	PCI
Arterial	1	0.68	1.36	44
Collector	19	2.87	6.29	67
Residential/Local	210	22.49	43.69	69
Total	230	26.04	51.34	
Overall Network PCI as of 1/30/2018:				68
**Combined	36	2.23	3.20	N/A
Gravel	36	2.23	3.20	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.**

Network Replacement Cost

Printed: 01/30/2018

Functional Class	Surface Type	Lane Miles	Unit Cost/ Square Foot	Pavement Area/ Square Feet	Cost To Replace (in thousands)
Arterial	AC/AC	1.4	\$14.89	89,725	\$1,336
Collector	AC	0.9	\$13.22	66,786	\$883
	AC/AC	5.4	\$13.22	401,013	\$5,302
Residential/Local	AC	6.5	\$12.44	359,866	\$4,478
	AC/AC	35.5	\$12.44	2,371,715	\$29,515
	AC/PCC	1.2	\$12.44	51,200	\$637
	PCC	0.5	\$23.33	20,656	\$482
Grand Total:		51.3		3,360,961	\$42,633


Appendix C

Decision Tree Report

Decision Tree

Printed: 01/30/2018


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
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	3		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		AC OVERLAY (2.0 INCHES)	\$11.00			
		III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00			
		IV - Poor		AC OVERLAY (4.0 INCHES)	\$22.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$134.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	3		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		AC OVERLAY (2.0 INCHES)	\$11.00			
		III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00			
		IV - Poor		AC OVERLAY (4.0 INCHES)	\$22.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$134.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	3		
			Surface Treatment	DO NOTHING	\$0.00		9	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		AC OVERLAY (2.0 INCHES)	\$11.00			
		III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00			
		IV - Poor		AC OVERLAY (4.0 INCHES)	\$22.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$134.00			
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3			
		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		RECONSTRUCT STRUCTURE (AC)	\$134.00				

 Functional Class and Surface combination not used

Decision Tree

Printed: 01/30/2018


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	\$1.10	4		
			Surface Treatment	SINGLE CHIP SEAL	\$2.80		7	
			Restoration Treatment	AC OVERLAY (3.0 INCHES)	\$17.00			2
		II - Good, Non-Load Related		CHIP AND CRACK SEAL	\$3.50		8	
		III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00			
		IV - Poor		AC OVERLAY (4.0 INCHES)	\$22.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$119.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	4		
			Surface Treatment	SINGLE CHIP SEAL	\$2.80		7	
			Restoration Treatment	AC OVERLAY (3.0 INCHES)	\$17.00			3
		II - Good, Non-Load Related		CHIP AND CRACK SEAL	\$3.50		7	
		III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00			
IV - Poor			AC OVERLAY (4.0 INCHES)	\$22.00				
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$119.00					
AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	4			
		Surface Treatment	DO NOTHING	\$0.00		9		
		Restoration Treatment	DO NOTHING	\$0.00			99	
	II - Good, Non-Load Related		AC OVERLAY (2.0 INCHES)	\$11.00				
	III - Good, Load Related		AC OVERLAY (3.0 INCHES)	\$17.00				
	IV - Poor		AC OVERLAY (4.0 INCHES)	\$22.00				
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$119.00				
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: 01/30/2018

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	\$1.10	4		
			Surface Treatment	SINGLE CHIP SEAL	\$2.80		8	
			Restoration Treatment	AC OVERLAY (2.0 INCHES)	\$11.00			3
		II - Good, Non-Load Related		CHIP AND CRACK SEAL	\$3.50		8	
		III - Good, Load Related		AC OVERLAY (2.0 INCHES)	\$11.00			
		IV - Poor		AC OVERLAY (2.0 INCHES)	\$11.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$112.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	4		
			Surface Treatment	SINGLE CHIP SEAL	\$2.80		8	
			Restoration Treatment	AC OVERLAY (2.0 INCHES)	\$11.00			3
		II - Good, Non-Load Related		CHIP AND CRACK SEAL	\$3.50		8	
		III - Good, Load Related		AC OVERLAY (2.0 INCHES)	\$11.00			
		IV - Poor		AC OVERLAY (2.0 INCHES)	\$11.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$112.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	4		
Surface Treatment			SINGLE CHIP SEAL	\$2.80		8		
Restoration Treatment			AC OVERLAY (2.0 INCHES)	\$11.00			3	
II - Good, Non-Load Related			CHIP AND CRACK SEAL	\$3.50		8		
III - Good, Load Related			AC OVERLAY (2.0 INCHES)	\$11.00				
IV - Poor			AC OVERLAY (2.0 INCHES)	\$11.00				
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$112.00					
PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.10	4			
		Surface Treatment	DO NOTHING	\$0.00		9		
		Restoration Treatment	DO NOTHING	\$0.00			99	
	II - Good, Non-Load Related		DO NOTHING	\$0.00				
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		DO NOTHING	\$0.00				
	V - Very Poor		RECONSTRUCT STRUCTURE (PCC)	\$210.00				

 Functional Class and Surface combination not used

Appendix D

Scenario Analysis Reports

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$4,620,895	0%	2020	\$826,171	0%	2022	\$1,170,464	0%
2019	\$613,541	0%	2021	\$494,003	0%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	67	83	16.85	33.02
2019	65	82	2.60	5.71
2020	64	83	2.63	4.70
2021	62	83	4.86	9.66
2022	60	84	13.33	26.36

Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	8.0%	49.4%	0.0%	57.4%
II / III	0.0%	3.2%	16.0%	0.0%	19.2%
IV	2.7%	1.1%	11.6%	0.0%	15.4%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	12.5%	70.3%	0.0%	85.5%
II / III	0.0%	1.2%	7.8%	0.0%	9.0%
IV	0.0%	0.3%	5.3%	0.0%	5.5%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	12.9%	76.7%	0.0%	92.3%
II / III	0.0%	1.0%	6.7%	0.0%	7.7%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2018	0%	\$4,620,895	II	\$128,706	Non-Project	\$332,225	\$0	Funded	\$0
			III	\$15,156				Unmet	\$0
			IV	\$426,501	Project	\$0			
			V	\$3,451,583					
			Total	\$4,021,946					
Project	\$261,500								
2019	0%	\$613,541	II	\$11,984	Non-Project	\$47,300	\$0	Funded	\$0
			III	\$5,892				Unmet	\$0
			IV	\$61,992	Project	\$0			
			V	\$486,372					
			Total	\$566,240					
Project	\$0								
2020	0%	\$826,171	II	\$32,340	Non-Project	\$37,929	\$0	Funded	\$0
			III	\$0				Unmet	\$0
			IV	\$59,159	Project	\$0			
			V	\$696,742					
			Total	\$788,241					
Project	\$0								
2021	0%	\$494,003	II	\$0	Non-Project	\$52,343	\$0	Funded	\$0
			III	\$0				Unmet	\$0
			IV	\$142,710	Project	\$0			
			V	\$298,949					
			Total	\$441,659					
Project	\$0								
2022	0%	\$1,170,464	II	\$0	Non-Project	\$32,242	\$0	Funded	\$0
			III	\$0				Unmet	\$0
			IV	\$5,180	Project	\$27			
			V	\$23,195					
			Total	\$28,375					
Project	\$1,109,819								

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$219,328	\$100	\$0	\$0
Collector	\$1,039,805	\$67,623	\$0	\$0
Residential/Local	\$5,958,647	\$434,343	\$0	\$0
Grand Total:	\$7,217,780	\$502,066	\$0	\$0

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$300,000	10%	2020	\$300,000	10%	2022	\$300,000	10%
2019	\$300,000	10%	2021	\$300,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	67	71	4.92	9.55
2019	65	71	3.74	7.02
2020	64	70	2.20	4.03
2021	62	71	4.43	9.18
2022	60	70	4.60	8.83

Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	8.0%	49.4%	0.0%	57.4%
II / III	0.0%	3.2%	16.0%	0.0%	19.2%
IV	2.7%	1.1%	11.6%	0.0%	15.4%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	10.1%	57.2%	0.0%	67.3%
II / III	0.0%	1.2%	13.2%	0.0%	14.4%
IV	2.7%	1.1%	6.6%	0.0%	10.4%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	10.5%	64.6%	0.0%	75.0%
II / III	0.0%	1.0%	6.7%	0.0%	7.7%
IV	2.7%	0.9%	2.4%	0.0%	6.0%
V	0.0%	1.6%	9.7%	0.0%	11.3%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap				
2018	10%	\$300,000	II	\$62,804	Non-Project	\$29,944	\$56	\$4,190,860	Funded	\$0	
			III	\$0					Unmet	\$27,756	
			IV	\$207,173	Project	\$0					
			V	\$0							
			Total	\$269,977							
			Project	\$0							
2019	10%	\$300,000	II	\$75,448	Non-Project	\$48,356	\$0	\$4,400,169	Funded	\$0	
			III	\$21,503					Unmet	\$3,155	
			IV	\$61,992	Project	\$0					
			V	\$92,341							
			Total	\$251,284							
			Project	\$0							
2020	10%	\$300,000	II	\$32,340	Non-Project	\$37,551	\$0	\$5,058,504	Funded	\$0	
			III	\$0					Unmet	\$4,852	
			IV	\$59,159	Project	\$0					
			V	\$170,786							
			Total	\$262,285							
			Project	\$0							
2021	10%	\$300,000	II	\$48,789	Non-Project	\$41,265	\$0	\$5,414,251	Funded	\$0	
			III	\$0					Unmet	\$2,082	
			IV	\$142,710	Project	\$0					
			V	\$66,905							
			Total	\$258,404							
			Project	\$0							
2022	10%	\$300,000	II	\$15,123	Non-Project	\$41,917	\$0	\$5,892,020	Funded	\$0	
			III	\$0					Unmet	\$3,363	
			IV	\$77,186	Project	\$0					
			V	\$165,389							
			Total	\$257,698							
			Project	\$0							

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$0	\$0	\$0	\$1,994
Collector	\$270,708	\$46,692	\$0	\$5,416
Residential/Local	\$1,028,940	\$152,341	\$0	\$33,797
Grand Total:	\$1,299,648	\$199,033	\$0	\$41,208

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$550,000	10%	2020	\$550,000	10%	2022	\$550,000	10%
2019	\$550,000	10%	2021	\$550,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	67	73	6.47	12.69
2019	65	73	3.84	7.13
2020	64	73	2.96	5.95
2021	62	74	6.13	12.16
2022	60	74	6.44	13.18

Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	8.0%	49.4%	0.0%	57.4%
II / III	0.0%	3.2%	16.0%	0.0%	19.2%
IV	2.7%	1.1%	11.6%	0.0%	15.4%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	10.1%	57.5%	0.0%	70.3%
II / III	0.0%	1.2%	12.9%	0.0%	14.1%
IV	0.0%	1.1%	6.6%	0.0%	7.7%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	11.2%	65.8%	0.0%	79.6%
II / III	0.0%	1.0%	6.7%	0.0%	7.7%
IV	0.0%	0.9%	2.4%	0.0%	3.3%
V	0.0%	0.9%	8.5%	0.0%	9.4%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	10%	\$550,000	II	\$66,817	Non-Project	\$56,175	\$0	\$3,941,291	Funded	\$0
			III	\$0					Unmet	\$25,613
			IV	\$426,501	Project	\$0				
			V	\$0						
			Total	\$493,318						
Project	\$0									
2019	10%	\$550,000	II	\$69,570	Non-Project	\$62,499	\$0	\$4,117,395	Funded	\$0
			III	\$21,503					Unmet	\$3,155
			IV	\$61,992	Project	\$0				
			V	\$333,955						
			Total	\$487,020						
Project	\$0									
2020	10%	\$550,000	II	\$32,340	Non-Project	\$76,108	\$0	\$4,517,339	Funded	\$0
			III	\$0					Unmet	\$4,852
			IV	\$59,159	Project	\$0				
			V	\$382,142						
			Total	\$473,641						
Project	\$0									
2021	10%	\$550,000	II	\$47,531	Non-Project	\$83,694	\$0	\$4,606,496	Funded	\$0
			III	\$0					Unmet	\$1,376
			IV	\$142,710	Project	\$0				
			V	\$275,940						
			Total	\$466,181						
Project	\$0									
2022	10%	\$550,000	II	\$10,756	Non-Project	\$78,192	\$0	\$4,810,474	Funded	\$0
			III	\$0					Unmet	\$3,363
			IV	\$77,186	Project	\$0				
			V	\$382,418						
			Total	\$470,360						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$219,328	\$100	\$0	\$0
Collector	\$578,604	\$51,782	\$0	\$5,416
Residential/Local	\$1,592,588	\$304,786	\$0	\$32,943
Grand Total:	\$2,390,520	\$356,668	\$0	\$38,359

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$1,000,000	10%	2020	\$1,000,000	10%	2022	\$1,000,000	10%
2019	\$1,000,000	10%	2021	\$1,000,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	67	74	9.09	17.39
2019	65	75	3.44	7.16
2020	64	76	4.00	7.70
2021	62	78	6.80	14.35
2022	60	79	7.74	14.87

Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	8.0%	49.4%	0.0%	57.4%
II / III	0.0%	3.2%	16.0%	0.0%	19.2%
IV	2.7%	1.1%	11.6%	0.0%	15.4%
V	0.0%	1.6%	6.4%	0.0%	7.9%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	10.7%	62.7%	0.0%	76.1%
II / III	0.0%	1.2%	7.8%	0.0%	9.0%
IV	0.0%	1.1%	6.6%	0.0%	7.7%
V	0.0%	0.9%	6.3%	0.0%	7.2%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	12.1%	69.0%	0.0%	83.8%
II / III	0.0%	1.0%	6.7%	0.0%	7.7%
IV	0.0%	0.9%	2.4%	0.0%	3.3%
V	0.0%	0.0%	5.2%	0.0%	5.2%
Total	2.7%	13.9%	83.4%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	10%	\$1,000,000	II	\$128,706	Non-Project	\$101,314	\$0	\$3,491,117	Funded	\$0
			III	\$15,156					Unmet	\$20,973
			IV	\$426,501	Project	\$0				
			V	\$327,999						
			Total	\$898,362						
Project	\$0									
2019	10%	\$1,000,000	II	\$11,984	Non-Project	\$100,464	\$0	\$3,209,835	Funded	\$0
			III	\$5,892					Unmet	\$2,344
			IV	\$61,992	Project	\$0				
			V	\$819,226						
			Total	\$899,094						
Project	\$0									
2020	10%	\$1,000,000	II	\$32,340	Non-Project	\$102,343	\$0	\$3,132,302	Funded	\$0
			III	\$0					Unmet	\$3,219
			IV	\$59,159	Project	\$0				
			V	\$806,161						
			Total	\$897,660						
Project	\$0									
2021	10%	\$1,000,000	II	\$29,920	Non-Project	\$108,216	\$0	\$2,726,959	Funded	\$0
			III	\$0					Unmet	\$405
			IV	\$142,710	Project	\$0				
			V	\$718,459						
			Total	\$891,089						
Project	\$0									
2022	10%	\$1,000,000	II	\$0	Non-Project	\$80,837	\$19,163	\$2,461,361	Funded	\$0
			III	\$0					Unmet	\$3,363
			IV	\$77,186	Project	\$0				
			V	\$802,173						
			Total	\$879,359						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$219,328	\$100	\$0	\$0
Collector	\$981,681	\$69,329	\$0	\$2,646
Residential/Local	\$3,264,555	\$423,745	\$0	\$27,658
Grand Total:	\$4,465,564	\$493,174	\$0	\$30,304

Appendix E

Section PCI/RSL Listing

Map – Current PCI Condition

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
10THPL	010	10TH PL SE	MAIN AVE S	ANCHOR AVE SE	387	20	7,740	R - Residential/Local	O - AC/AC	53	13.05
10THPL	030	10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	148	20	2,960	R - Residential/Local	A - AC	74	23.51
10THST	010	10TH ST SE	MARLIN FRONTAGE RD	MARLIN AVE	111	24	2,664	R - Residential/Local	O - AC/AC	73	23.55
10THST	020	10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	366	25	9,150	R - Residential/Local	O - AC/AC	83	31.81
11THAV	010	11TH ST SE	MAIN AVE S	ANCHOR AVE SE	350	19	6,650	R - Residential/Local	A - AC	45	7.51
11THST	100	11TH ST SE	MARLIN AVE	E DEAD END (GATE)	529	20	10,580	R - Residential/Local	O - AC/AC	76	23.22
11THST	010	11TH ST SW	CEDAR DR SW	MAIN AVE S	1,120	20	22,400	R - Residential/Local	A - AC	66	18.54
12THPL	010	12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	3,589	25	89,725	A - Arterial	O - AC/AC	44	5.2
13THPL	050	13TH PL SE	MAIN AVE S	ANCHOR AVE SE	247	12	2,964	R - Residential/Local	A - AC	45	6.72
13THST	100	13TH ST NW	W DEAD END	WARRENTON DR NW	445	10	4,450	R - Residential/Local	O - AC/AC	53	12.61
13THST	110	13TH ST NW	WARRENTON DR NW	E CUL-DE-SAC	1,441	28	40,348	R - Residential/Local	O - AC/AC	63	17.21
13THST	040	13TH ST SE	MAIN AVE S	ANCHOR AVE SE	216	25	5,400	R - Residential/Local	A - AC	70	20.65
14THPL	005	14TH PL SW	WEST DEAD END	ALDER AVE SW	155	20	3,100	R - Residential/Local	A - AC	83	28.24
14THPL	010	14TH PL SW	ALDER AVE SW	MAIN AVE S	399	25	9,975	R - Residential/Local	A - AC	82	32.67
14THST	050	14TH ST SE	MAIN AVE S	E DEAD END	413	20	8,260	R - Residential/Local	A - AC	76	25.57
14THST	100	14TH ST SW	PVT DRIVE WAY (HOUSE 1675)	PINE DR SW	795	16	12,720	R - Residential/Local	A - AC	51	9.98
15THSE	010	15TH ST SE	MAIN AVE S	ANCHOR AVE SE	250	34	8,500	R - Residential/Local	O - AC/AC	50	11.56
17THPL	010	17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	804	35	28,140	R - Residential/Local	O - AC/AC	81	34.42
1STST	070	1ST PL SW	GARDENIA AVE SW	ELM AVE SW	609	28	17,052	R - Residential/Local	O - AC/AC	95	38.07
1STST	170	1ST ST NE	HERON AVE NE	E DEAD END	333	25	8,325	R - Residential/Local	O - AC/AC	94	37.93
1STST	180	1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	737	17	12,529	R - Residential/Local	O - AC/AC	83	25.53
1STST	010	1ST ST NW	GARDENIA AVE NW	200 FT E OF ELM ST (#495)	815	36	29,340	C - Collector	O - AC/AC	93	29.61
1STST	020	1ST ST NW	200 FT E OF ELM ST (#495)	DATE AVE NW	727	36	26,172	C - Collector	O - AC/AC	58	11.16
1STST	030	1ST ST NW	DATE AVE NW	BIRCH CT NW	848	36	30,528	C - Collector	O - AC/AC	24	0
1STST	040	1ST ST NW	BIRCH CT NW	MAIN AV N	628	36	22,608	C - Collector	O - AC/AC	15	0
1STST	150	1ST ST SE	MAIN AVE S	ANCHOR AVE SE	143	48	6,864	R - Residential/Local	O - AC/AC	53	13.31
1STST	045	1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	337	25	8,425	R - Residential/Local	O - AC/AC	93	37.75
1STST	050	1ST ST SW	GARDENIA AVE SW	ELM AVE SW	604	32	19,328	R - Residential/Local	O - AC/AC	95	38.07

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
1STST	080	1ST ST SW	CEDAR AVE SW	BIRCH CT SW	276	27	7,452	R - Residential/Local	O - AC/AC	32	2.71
1STST	090	1ST ST SW	BIRCH CT SW	ALDER AV SW	842	22	18,524	R - Residential/Local	O - AC/AC	94	37.94
1STST	100	1ST ST SW	ALDER ST SW	MAIN ST S	544	32	17,408	R - Residential/Local	O - AC/AC	66	19.2
2NDST	080	2ND ST SE	MAIN AVE S	ANCHOR AVE SE	249	37	9,213	R - Residential/Local	O - AC/AC	18	0
2NDST	090	2ND ST SE	ANCHOR AVE SE	E END OF PVMT	107	19	2,033	R - Residential/Local	O - AC/AC	27	0.67
2NDST	110	2ND ST SE	KING AVE SE	MARLIN AVE SE	937	16	14,992	R - Residential/Local	O - AC/AC	95	38.09
2NDST	120	2ND ST SE	MARLIN AVE SE	MALL PARKING LOT	551	20	11,020	R - Residential/Local	O - AC/AC	62	16.09
2NDST	010	2ND ST SW	KALMIA AVE SW	JUNIPER AVE SW	615	25	15,375	R - Residential/Local	O - AC/AC	93	37.49
2NDST	020	2ND ST SW	JUNIPER AVE SW	GARDENIA AVE SW	963	24	23,112	R - Residential/Local	O - AC/AC	88	45.72
2NDST	040	2ND ST SW	ELM AVE SW	CEDAR AVE SW	830	32	26,560	R - Residential/Local	O - AC/AC	39	5.49
2NDST	050	2ND ST SW	CEDAR AVE SW	ALDER CT SW	845	32	27,040	R - Residential/Local	O - AC/AC	88	43.93
2NDST	060	2ND ST SW	ALDER CT SW	MAIN CT SW	567	32	18,144	R - Residential/Local	O - AC/AC	88	43.93
2NDST	070	2ND ST SW	MAIN CT SW	MAIN AVE S	248	44	10,912	R - Residential/Local	O - AC/AC	81	32.21
3RDST	010	3RD ST SW	BIRCH ST SW	ROBINSON PARK ENTRANCE	535	24	12,840	R - Residential/Local	O - AC/AC	30	1.85
3RDST	020	3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	300	24	7,200	R - Residential/Local	O - AC/AC	78	31.61
3RDST	030	3RD ST SW	ALDER AVE SW	MAIN CT SW	264	45	11,880	R - Residential/Local	O - AC/AC	93	37.49
3RDST	040	3RD ST SW	MAIN CT SW	MAIN AVE N	267	42	11,214	R - Residential/Local	O - AC/AC	94	38.07
4THST	020	4TH ST NW	BIRCH CT NW	MAIN AVE N	215	36	7,740	R - Residential/Local	O - AC/AC	18	0
4THST	010	4TH ST SW	ALDER AVE SW	MAIN AVE N	496	25	12,400	R - Residential/Local	O - AC/AC	60	16.47
5THST	030	5TH ST NE	MAIN AVE N	SKIPANON DR NE	1,768	19	33,592	R - Residential/Local	O - AC/AC	44	7.62
5THST	020	5TH ST SE	MAIN AVE S	ANCHOR AVE SE	128	28	3,584	R - Residential/Local	O - AC/AC	59	16.53
5THST	010	5TH ST SW	MAIN AVE S	W DEAD END	146	16	2,336	R - Residential/Local	O - AC/AC	16	0
6THST	010	6TH ST SE	W DEAD END	MARLIN AVE	203	40	8,120	R - Residential/Local	O - AC/AC	94	38.03
7THAVE	010	7TH AV SW	CEDAR AVE SW	E DEAD END	164	30	4,920	R - Residential/Local	O - AC/AC	31	2.15
7THPL	010	7TH PL NW	WARRENTON DR NW	MAIN AVE N	1,291	16	20,656	R - Residential/Local	P - PCC	24	0
7THST	010	7TH ST SE	MARLIN AVE SE	PVT PARKING LOT	212	36	7,632	R - Residential/Local	O - AC/AC	51	10.74
8THSTS	010	8TH ST SE	MAIN AVE S	ANCHOR AVE SE	378	20	7,560	R - Residential/Local	A - AC	34	3.06
8THSTS	020	8TH ST SW	W DEAD END	MAIN AVE S	138	12	1,656	R - Residential/Local	O - AC/AC	35	3.94
9THST	060	9TH ST NW	GARDENIA AVE	WARRENTON DR NW	995	18	17,910	R - Residential/Local	O - AC/AC	18	0
9THST	070	9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	220	11	2,420	R - Residential/Local	O - AC/AC	83	31.81
9THSTS	010	9TH ST SE	MAIN AVE S	ANCHOR AVE SE	364	20	7,280	R - Residential/Local	O - AC/AC	73	21.99
9THST	010	9TH ST SW	RIDGE RD SW	KALMIA AVE SW (S. INT.)	999	26	25,974	R - Residential/Local	O - AC/AC	72	23.18

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
9THST	020	9TH ST SW	KALMIA AVE SW (S. INT.)	JADE AVE SW	809	26	21,034	R - Residential/Local	O - AC/AC	57	13.39
9THST	030	9TH ST SW	JADE AVE SW	JUNIPER AVE SW	403	26	10,478	R - Residential/Local	O - AC/AC	64	18.35
9THST	040	9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	1,816	26	47,216	R - Residential/Local	O - AC/AC	89	41.29
9THST	050	9TH ST SW	CEDAR AVE SW	MAIN AVE S	1,005	23	23,115	R - Residential/Local	O - AC/AC	95	38.18
ALDEAV	010	ALDER AV SW	CUL-SE-SAC	14TH ST SW (PRVT)	833	25	20,825	R - Residential/Local	A - AC	83	28.24
ALDEAV	020	ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	657	25	16,425	R - Residential/Local	O - AC/AC	76	26.96
ALDEAV	030	ALDER AV SW	3RD ST SW	2ND ST SW	445	36	16,020	R - Residential/Local	O - AC/AC	49	10.67
ALDEAV	040	ALDER AV SW	2ND ST SW	1ST ST SW	439	20	8,780	R - Residential/Local	O - AC/AC	80	33.95
ALDEAV	050	ALDER AV SW	1ST ST SW	MAIN AVE N	590	32	18,880	R - Residential/Local	O - AC/AC	66	19.61
ANCHAV	010	ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	250	34	8,500	R - Residential/Local	O - AC/AC	74	25.56
ANCHAV	030	ANCHOR AV SE	13TH ST SE	PVMT CHANGE (#1182)	365	18	6,570	R - Residential/Local	A - AC	73	23.33
ANCHAV	040	ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	1,066	22	23,452	R - Residential/Local	A - AC	86	32.84
ANCHAV	070	ANCHOR AV SE	3RD ST SE	1ST ST SE	912	20	18,240	R - Residential/Local	O - AC/AC	53	13.31
ANCHAV	080	ANCHOR AV SE	1ST ST SE	HARBOR DR E	216	42	9,072	R - Residential/Local	O - AC/AC	40	6.14
AZAVSE	010	AZALEA AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	342	25	8,550	R - Residential/Local	O - AC/AC	80	30.66
BAYAVE	010	BAY AV NE	HARBOR PL NE	HARBOR CT NE	149	24	3,576	R - Residential/Local	O - AC/AC	37	4.83
BIRCAV	020	BIRCH AV NW	HARBOR ST W	1ST ST NW	444	22	9,768	R - Residential/Local	O - AC/AC	73	24.84
BIRCAV	030	BIRCH AV NW	1ST ST NW	N DEAD END	369	20	7,380	R - Residential/Local	O - AC/AC	85	40.68
BIRCAV	010	BIRCH AV SW	2ND ST SW	HARBOR ST W	900	22	19,800	R - Residential/Local	O - AC/AC	69	20.86
BIRCCT	020	BIRCH CT NW	HARBOR ST W	1ST ST NW	406	34	13,804	R - Residential/Local	O - AC/AC	54	14.02
BIRCCT	010	BIRCH CT SW	1ST ST SW	HARBOR ST W	498	34	16,932	R - Residential/Local	O - AC/AC	95	38.07
BIRCCT	030	BIRCH CT SW	3RD ST SW	2ND ST SW	448	32	14,336	R - Residential/Local	O - AC/AC	51	10.14
CEDA AV	100	CEDAR AV NW	S DEAD END	1ST ST NW	432	32	13,824	R - Residential/Local	O - AC/AC	0	0
CEDA AV	110	CEDAR AV NW	1ST ST NW	PVMT NARROWS	431	32	13,792	R - Residential/Local	O - AC/AC	12	0
CEDA AV	120	CEDAR AV NW	PVMT NARROWS	N DEAD END	189	15	2,835	R - Residential/Local	O - AC/AC	20	0
CEDA AV	010	CEDAR AV SW	9TH ST SW	7TH ST SW	581	22	12,782	C - Collector	A - AC	61	8.41
CEDA AV	020	CEDAR AV SW	7TH ST SW	5TH ST SW	973	25	24,325	C - Collector	O - AC/AC	80	25.03
CEDA AV	030	CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	986	25	24,650	C - Collector	O - AC/AC	84	28.03
CEDA AV	040	CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	434	32	13,888	C - Collector	O - AC/AC	84	28.03
CEDA AV	050	CEDAR AV SW	2ND ST SW	HOUSE #125	212	36	7,632	R - Residential/Local	A - AC	30	1.61
CEDA AV	060	CEDAR AV SW	HOUSE #125	1ST ST SW	225	36	8,100	R - Residential/Local	A - AC	50	9.48
CEDA CT	010	CEDAR CT NW	S DEAD END	1ST ST NW	426	32	13,632	R - Residential/Local	O - AC/AC	18	0
CEDA CT	020	CEDAR CT NW	1ST ST NW	PVMT NARROWS	449	32	14,368	R - Residential/Local	O - AC/AC	24	0

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
CEDACT	030	CEDAR CT NW	PVMT NARROWS	N DEAD END	180	15	2,700	R - Residential/Local	O - AC/AC	32	2.71
CEDACT	040	CEDAR CT NW	S CUL-DE-SAC	WARRENTON DR NW	252	25	6,300	R - Residential/Local	O - AC/AC	25	0
CEDADR	010	CEDAR DR SW	S CUL-DE-SAC	ADDRESS #1065	1,117	22	24,574	R - Residential/Local	A - AC	76	23.79
CEDADR	020	CEDAR DR SW	ADDRESS #1065	9TH ST SW	696	22	15,312	R - Residential/Local	A - AC	66	19.39
CHINST	020	CHINOOK ST	EIGHTH AVE	SEVENTH AVE	254	18	4,572	R - Residential/Local	O - AC/AC	18	0
CHBEAV	010	CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	549	25	13,725	R - Residential/Local	O - AC/AC	84	35.59
CHBEAV	020	CHOKEBERRY AV	19TH ST SE (S.LEG)	CCA FOOD BANK	208	22	4,576	R - Residential/Local	O - AC/AC	93	37.75
DATEAV	010	DATE AV NW	S DEAD END	1ST ST NW	377	18	6,786	R - Residential/Local	O - AC/AC	18	0
DATEAV	030	DATE AV NW	S DEAD END	WARRENTON DR	445	36	16,020	R - Residential/Local	O - AC/AC	26	0.34
DATEAV	040	DATE AV NW	WARRENTON DR	232' N. OF WARRENTON DR (BEGIN PVT DRIVE)	232	34	7,888	R - Residential/Local	O - AC/AC	77	27.43
DELALN	010	DELAURA BEACH LN	PINE DR SW	OAK AVE SW	1,008	26	26,208	C - Collector	O - AC/AC	71	18.37
DELALN	020	DELAURA BEACH LN	OAK AVE SW	RIDGE RD	1,064	26	27,664	C - Collector	O - AC/AC	69	17.11
DESDST	010	DESDEMONA ST	SEVENTH AVE	PACIFIC DR	278	16	4,448	R - Residential/Local	O - AC/AC	8	0
DISCLN	010	DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	687	32	21,984	C - Collector	O - AC/AC	80	24.25
DOLPAV	005	DOLPHIN AV SE	HWY 104 SPUR	MALL BACK ENTRANCE	748	21	15,708	R - Residential/Local	O - AC/AC	29	1.4
DOLPAV	040	DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	2,301	26	59,826	R - Residential/Local	O - AC/AC	75	24.14
EIGHTAV	020	EIGHTH AV	PEACOCK ST	CUL-DE-SAC	206	28	5,768	R - Residential/Local	O - AC/AC	68	22.43
EIGHTCT	010	EIGHTH CT	PEACOCK ST	CUL-DE-SAC	163	28	4,564	R - Residential/Local	O - AC/AC	73	27.5
ELMAVE	010	ELM AV NW	2ND ST SW	1ST ST NW	1,339	36	48,204	R - Residential/Local	O - AC/AC	95	38.07
ENSI AV	010	ENSIGN AV SE	HARBOR DR E	WARRENTON MARINA	378	27	10,206	R - Residential/Local	O - AC/AC	58	16.25
ENSILN	040	ENSIGN LN SE	HWY 104 SPUR	HWY 101	1,174	46	54,004	C - Collector	A - AC	81	15.93
ENTEST	010	ENTERPRISE ST	SEVENTH AVE	PACIFIC DR	267	16	4,272	R - Residential/Local	O - AC/AC	33	2.87
ENTEST	020	ENTERPRISE ST	PACIFIC DR	WATERFRONT TRAIL	429	9	3,861	R - Residential/Local	O - AC/AC	92	37.15
FIFTAV	010	FIFTH AV	LAKE DR	JETTY ST	775	16	12,400	R - Residential/Local	O - AC/AC	66	19.98
FIFTAV	020	FIFTH AV	JETTY ST	IREDALE ST	655	17	11,135	R - Residential/Local	O - AC/AC	58	16.89
FIFTAV	030	FIFTH AV	IREDALE ST	HECETA PL	514	18	9,252	R - Residential/Local	O - AC/AC	85	38.42
FIRSAV	010	FIRST AV	TYEE ST	SILVERSIDE ST	586	18	10,548	R - Residential/Local	O - AC/AC	27	0.69
FLEEST	010	FLEET ST	SEVENTH CT	SEVENTH AVE	149	18	2,682	R - Residential/Local	O - AC/AC	73	24.87
FLEEST	020	FLEET ST	7TH AVE	PACIFIC DR	261	16	4,176	R - Residential/Local	O - AC/AC	11	0
FLEEST	030	FLEET ST	PACIFIC DR	N DEAD END (PARKING LOT)	164	20	3,280	R - Residential/Local	O - AC/AC	3	0
FOURAV	010	FOURTH AV	LAKE DR	JETTY ST	729	16	11,664	R - Residential/Local	O - AC/AC	43	7.89

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
GALEAV	010	GALENA AV SE	STREET NARROWS (#220)	HARBOR DR E	801	12	9,612	R - Residential/Local	O - AC/AC	16	0
GARDAV	020	GARDENIA AV NW	HARBOR ST W	N DEAD END	353	28	9,884	R - Residential/Local	O - AC/AC	94	38.07
GARDAV	040	GARDENIA AV NW	BEG. OF PVMT	9TH ST NE	408	25	10,200	R - Residential/Local	O - AC/AC	60	15.38
GARDAV	010	GARDENIA AV SW	2ND ST SW	HARBOR ST W	1,067	28	29,876	R - Residential/Local	O - AC/AC	94	38.07
GRAYST	010	GRAY ST	SEVENTH AVE	PACIFIC DR	273	16	4,368	R - Residential/Local	O - AC/AC	35	4.09
GRAYST	020	GRAY ST	PACIFIC DR	FIFTH AVE	288	18	5,184	R - Residential/Local	O - AC/AC	66	20.34
HARBCCT	010	HARBOR CT NE	SKIPANON DR NE	BAY AVE NE	385	27	10,395	R - Residential/Local	O - AC/AC	52	12.61
HARBPL	010	HARBOR PL NE	SKIPANON DR NE	BAY AVE NE	437	16	6,992	R - Residential/Local	A - AC	59	14.86
HARBPL	040	HARBOR PL SW	GARDENIA AVE SW	ELM AVE SW	601	32	19,232	R - Residential/Local	O - AC/AC	94	38.07
HARBST	010	HARBOR ST W	GARDENIA AVE NW	ELM AV NW	594	32	19,008	R - Residential/Local	O - AC/AC	95	38.07
HARBST	020	HARBOR ST W	BIRCH CT	BIRCH AVE	259	12	3,108	R - Residential/Local	O - AC/AC	16	0
HEBECT	010	HEBE CT SE	SALAL LP SE	CUL-DE-SAC	350	28	9,800	R - Residential/Local	O - AC/AC	84	36.55
HECIPL	010	HECETA PL	SIXTH AVE	FIFTH AVE	227	18	4,086	R - Residential/Local	O - AC/AC	85	38.42
HECEST	030	HECETA ST	PACIFIC DR	POINT TRIUMPH LP	267	28	7,476	R - Residential/Local	O - AC/AC	73	28.45
HEROAV	010	HERON AV NE	HARBOR DR E	N DEAD END	866	25	21,650	R - Residential/Local	O - AC/AC	94	37.93
HOSULP	010	HONEYSUCKLE LP SE	WILLOW DR SE	WILLOW DR SE	1,644	28	46,032	R - Residential/Local	O - AC/AC	80	32.42
HUBEAV	010	HUCKLEBERRY AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	399	25	9,975	R - Residential/Local	O - AC/AC	80	30.66
IRE DST	020	IREDALE ST	SEVENTH AVE	PACIFIC DR	260	16	4,160	R - Residential/Local	O - AC/AC	17	0
IRE DST	030	IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	667	22	14,674	R - Residential/Local	O - AC/AC	68	21.52
JADEAV	010	JADE AV SW	9TH ST SW	N CUL-DE-SAC	406	30	12,180	R - Residential/Local	O - AC/AC	83	31.89
JADEPL	010	JADE PL SW	KALMIA AVE SW	2ND ST SW	802	25	20,050	R - Residential/Local	O - AC/AC	94	37.93
JWSTSE	010	JETTY AV SE	S DEAD END	STATE RT 105	755	20	15,100	R - Residential/Local	O - AC/AC	56	13.53
JETTST	010	JETTY ST	S DEAD END (PVT DR)	PACIFIC DR	228	16	3,648	R - Residential/Local	A - AC	24	0
JETTST	020	JETTY ST	PACIFIC DR	FIFTH AVE	294	18	5,292	R - Residential/Local	A - AC	45	7.51
JETTST	030	JETTY ST	FIFTH AVE	FOURTH AVE	275	18	4,950	R - Residential/Local	A - AC	56	13.13
JUNIAV	020	JUNIPER AV SW	9TH ST SW	BEGINING OF CURB (#702)	1,295	30	38,850	R - Residential/Local	O - AC/AC	88	42.83
JUNIAV	030	JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	999	20	19,980	R - Residential/Local	O - AC/AC	81	28.53
JUNIAV	040	JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	914	25	22,850	R - Residential/Local	O - AC/AC	83	31.82
JUNIAV	050	JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	430	25	10,750	R - Residential/Local	O - AC/AC	83	31.82
KALMST	010	KALMIA AV SW	SE CUL-DE-SAC	9TH ST SW	421	17	7,157	R - Residential/Local	O - AC/AC	37	4.9

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
KALMST	020	KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	187	30	5,610	R - Residential/Local	O - AC/AC	82	38.15
KALMST	030	KALMIA AV SW	JUNIPER AVE SW	2ND AVE SW	1,295	25	32,375	R - Residential/Local	O - AC/AC	94	37.93
KALMST	040	KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	795	25	19,875	R - Residential/Local	O - AC/AC	94	38.03
KALMST	045	KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	143	75	10,725	R - Residential/Local	O - AC/AC	94	38.03
KINGAV	020	KING AV NE	HARBOR DR NE	N DEAD END	174	18	3,132	R - Residential/Local	O - AC/AC	94	38.03
KINGAV	010	KING AV SE	2ND ST NE	HARBOR DR E	414	18	7,452	R - Residential/Local	O - AC/AC	70	24.66
KINGAV	030	KING AV SE	S DEAD END	STATE RT 105	309	12	3,708	R - Residential/Local	O - AC/AC	71	26.57
KINGPL	010	KING SALMON PL	TWELFTH AVE	NINTH AVE	956	24	22,944	R - Residential/Local	O - AC/AC	56	14.47
KINGST	020	KING SALMON ST	BEGINING OF PVMT	PACIFIC DR	125	24	3,000	R - Residential/Local	O - AC/AC	34	3.61
KINGST	030	KING SALMON ST	PACIFIC DR	FIFTH AVE	560	18	10,080	R - Residential/Local	O - AC/AC	40	6.13
LAKEDR	010	LAKE RD	PACIFIC DR	BEGIIN MARINA PARKING LOT	1,386	24	33,264	C - Collector	O - AC/AC	65	13.96
LAKEDR	020	LAKE RD SPUR	LAKE DRIVE/THIRD AVE	SECOND AVE	216	16	3,456	R - Residential/Local	O - AC/AC	55	14.32
LONGDR	020	LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	1,246	21	26,166	R - Residential/Local	A - AC	83	32.54
LONGDR	030	LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	1,062	26	27,612	R - Residential/Local	A - AC	84	34.02
MAINAV	010	MAIN AV N	5TH ST NE	7TH PL NW	1,694	16	27,104	R - Residential/Local	C - AC/PCC	34	3.56
MAINCT	010	MAIN CT SE	10TH PL SE	9TH ST SE	251	16	4,016	R - Residential/Local	C - AC/PCC	42	7.31
MAINCT	050	MAIN CT SW	4TH ST SW	2ND ST SW	902	34	30,668	R - Residential/Local	O - AC/AC	94	38.03
MAINCT	070	MAIN CT SW	1ST ST SW	N END OF PVMT	263	27	7,101	R - Residential/Local	O - AC/AC	82	36.52
MARIST	010	MARINER ST	THIRD AVE	SECOND AVE	231	18	4,158	R - Residential/Local	O - AC/AC	51	11.62
NAUTDR	010	NAUTICAL DR	NINTH AVE	END OF LOOP	1,647	20	32,940	R - Residential/Local	O - AC/AC	74	27.02
NEPTDR	010	NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	630	42	26,460	C - Collector	O - AC/AC	80	23.76
NEPTDR	020	NEPTUNE AVE NE	BUS SHELTER	HWY 101	563	56	31,528	C - Collector	O - AC/AC	80	23.76
NEPTDR	050	NEPTUNE AVE SE	10TH ST SE	9TH ST SE	249	25	6,225	R - Residential/Local	O - AC/AC	83	31.81
NINTHAV	010	NINTH AV	NAUTICAL DR	RIDGE RD	573	32	18,336	R - Residential/Local	O - AC/AC	92	37.14
NINTHAV	020	NINTH AV	RIDGE RD	KING SALMON ST	347	24	8,328	R - Residential/Local	O - AC/AC	54	12.29
OAKAVE	010	OAK AV SW	DELAURA BEACH RD	ROAD NARROWS (#1551)	323	28	9,044	R - Residential/Local	A - AC	65	17.18
OAKAVE	020	OAK AV SW	ROAD NARROWS (#1551)	CUL-DE-SAC	841	20	16,820	R - Residential/Local	A - AC	90	32.16
PACIAV	010	PACIFIC AV NE	HARBOR DR E	SHIILLO PARKING LOT	131	34	4,454	R - Residential/Local	A - AC	89	36.95
PACIDR	005	PACIFIC DR	SILVERSIDE PL	RUSSEL DR	137	16	2,192	R - Residential/Local	O - AC/AC	41	6.63
PACIDR	010	PACIFIC DR	RUSSELL DR	PVMT NARROWS W OF 7TH ST	665	24	15,960	R - Residential/Local	O - AC/AC	72	24.19

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
PACIDR	020	PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	1,576	32	50,432	R - Residential/Local	O - AC/AC	49	10.67
PARILN	010	PACIFIC RIDGE LN	RIDGE RD	SOUTHWIND CIR	672	25	16,800	R - Residential/Local	O - AC/AC	94	37.93
PARILN	020	PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	776	25	19,400	R - Residential/Local	O - AC/AC	94	38.03
PEACWY	010	PEACOCK ST	E DEAD END	EIGHTH AVE	725	28	20,300	R - Residential/Local	O - AC/AC	69	23.04
PEACWY	020	PEACOCK ST	EIGHTH AVE	SEVENTH ST	617	28	17,276	R - Residential/Local	O - AC/AC	58	15.47
PEACWY	005	PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	105	95	9,975	R - Residential/Local	O - AC/AC	74	28.29
PINECT	010	PINE CT SW	14TH ST SW	S CUL-DE-SAC	551	16	8,816	R - Residential/Local	A - AC	81	27.42
PINEDR	010	PINE DR SW	DELAURA BEACH RD	14TH ST SW	976	18	17,568	R - Residential/Local	A - AC	32	2.21
PINEDR	020	PINE DR SW	14TH ST SW	N END OF MIDDLE CUL-DE-SAC	742	18	13,356	R - Residential/Local	A - AC	40	5.26
PINEDR	030	PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	1,483	18	26,694	R - Residential/Local	A - AC	84	30.73
QUINPL	010	QUINNATT PL	S DEAD END	SEVENTH AV E	376	20	7,520	R - Residential/Local	O - AC/AC	69	23.37
QUINST	010	QUINNATT PL	SEVENTH AVE	FIFTH ST	414	12	4,968	R - Residential/Local	O - AC/AC	21	0
RUSSDR	005	RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	1,245	18	22,410	R - Residential/Local	O - AC/AC	77	31.06
RUSSDR	010	RUSSELL DR	SILVERSIDE ST	RUSSEL PL	589	12	7,068	R - Residential/Local	O - AC/AC	77	30.32
RUSSDR	020	RUSSELL DR	RUSSELL PL	GATE	710	18	12,780	R - Residential/Local	O - AC/AC	66	22.85
RUSSPL	010	RUSSELL PL	SEVENTH DR	RUSSEL DR	701	14	9,814	R - Residential/Local	O - AC/AC	30	1.9
SAPLSE	010	SALAL LP SE	WILLOW RD SE	WILLOW RD SE	927	28	25,956	R - Residential/Local	O - AC/AC	84	35.59
SECOAV	010	SECOND AV	BEGINING OF PVMT	RUSSELL DR	171	20	3,420	R - Residential/Local	O - AC/AC	63	20.33
SECOAV	020	SECOND AV	MARINER ST	LAKE DR SPUR	251	15	3,765	R - Residential/Local	O - AC/AC	56	15.18
SEVEAV	008	SEVENTH AV	RUSSEL DR	QUINATT PL	357	28	9,996	R - Residential/Local	O - AC/AC	81	33.82
SEVEAV	009	SEVENTH AV	QUINATT PL	PACIFIC DR	756	25	18,900	R - Residential/Local	O - AC/AC	77	28.94
SEVEAV	010	SEVENTH AV	IREDALE ST	HECETA ST	665	18	11,970	R - Residential/Local	O - AC/AC	26	0.3
SEVEAV	020	SEVENTH AV	HECETA ST	FLEET ST	1,126	18	20,268	R - Residential/Local	O - AC/AC	82	36.52
SEVEAV	030	SEVENTH AV	FLEET ST	DESDEMONA ST	1,319	18	23,742	R - Residential/Local	O - AC/AC	77	30.7
SEVEAV	040	SEVENTH AV	DESDEMONA ST	WARRENTON/PACIFIC	859	18	15,462	R - Residential/Local	O - AC/AC	80	33.46
SILVST	003	SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	442	10	4,420	R - Residential/Local	O - AC/AC	78	33.2
SILVST	006	SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	650	17	11,050	R - Residential/Local	O - AC/AC	68	23.26
SIXTAV	010	SIXTH AV	LAKE DR	JETTY ST	744	16	11,904	R - Residential/Local	C - AC/PCC	46	9.1
SIXTAV	020	SIXTH AV	JETTY ST	IREDALE ST	677	18	12,186	R - Residential/Local	O - AC/AC	40	6.08
SIXTAV	030	SIXTH AV	IREDALE ST	150FT W OF HECETA PL	332	32	10,624	R - Residential/Local	O - AC/AC	84	35.59

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
SIXTAV	040	SIXTH AV	150FT W OF HECETA PL	HECETA ST	465	20	9,300	R - Residential/Local	O - AC/AC	84	35.59
SKIPCT	010	SKIPANON CT	11TH ST SE	10TH PL SE	511	16	8,176	R - Residential/Local	C - AC/PCC	42	7.31
SKIPDR	010	SKIPANON DR	MAIN AVE N	HARBOR PL NE	284	32	9,088	C - Collector	O - AC/AC	29	1.17
SKIPDR	020	SKIPANON DR	HARBOR PL NE	1ST ST NE	337	22	7,414	C - Collector	O - AC/AC	69	16.79
SKIPDR	030	SKIPANON DR	1ST ST NE	PACIFIC SEAFOODS DR	1,306	22	28,732	C - Collector	O - AC/AC	41	4.51
SKIPDR	040	SKIPANON DR	PACIFIC SEAFOODS DR	5TH ST NE	715	24	17,160	C - Collector	O - AC/AC	80	23.14
EAWITE	020	SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	333	25	8,325	R - Residential/Local	O - AC/AC	94	37.93
THIRAV	005	THIRD AV	W DEAD END	TYEE ST	193	18	3,474	R - Residential/Local	O - AC/AC	25	0
THIRAV	010	THIRD AV	TYEE ST	SILVERSIDE ST	649	18	11,682	R - Residential/Local	O - AC/AC	59	17.28
THIRAV	020	THIRD AV	MARINER ST	LAKE RD	260	18	4,680	R - Residential/Local	O - AC/AC	72	26.84
TWELAV	010	TWELFTH AV	LAKE DR	KING SALMON PL	198	22	4,356	R - Residential/Local	O - AC/AC	61	16.68
TYEEST	010	TYEE ST	3RD AVE	1ST AVE	640	20	12,800	R - Residential/Local	O - AC/AC	81	33.16
TYEEST	020	TYEE ST	1ST AVE	N DEAD END	610	18	10,980	R - Residential/Local	O - AC/AC	23	0
WEWICI	010	WESTWIND CIR	PACIFIC RIDGE LN	S CUL-DE-SAC	402	25	10,050	R - Residential/Local	O - AC/AC	94	38.03
WILLDR	020	WILLOW DR SE	HONEYSUCKLE LP SE (W INT)	STATE RT 105	1,530	36	55,080	R - Residential/Local	O - AC/AC	84	35.59
WILLDR	030	WILLOW DR SE	SALAL LP SE (W INT)	HONEYSUCKLE LP SE (W INT)	1,159	32	37,088	R - Residential/Local	O - AC/AC	84	35.59

Total Section Length:	137,494
Total Section Area:	3,360,961

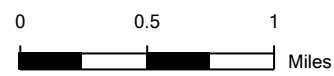
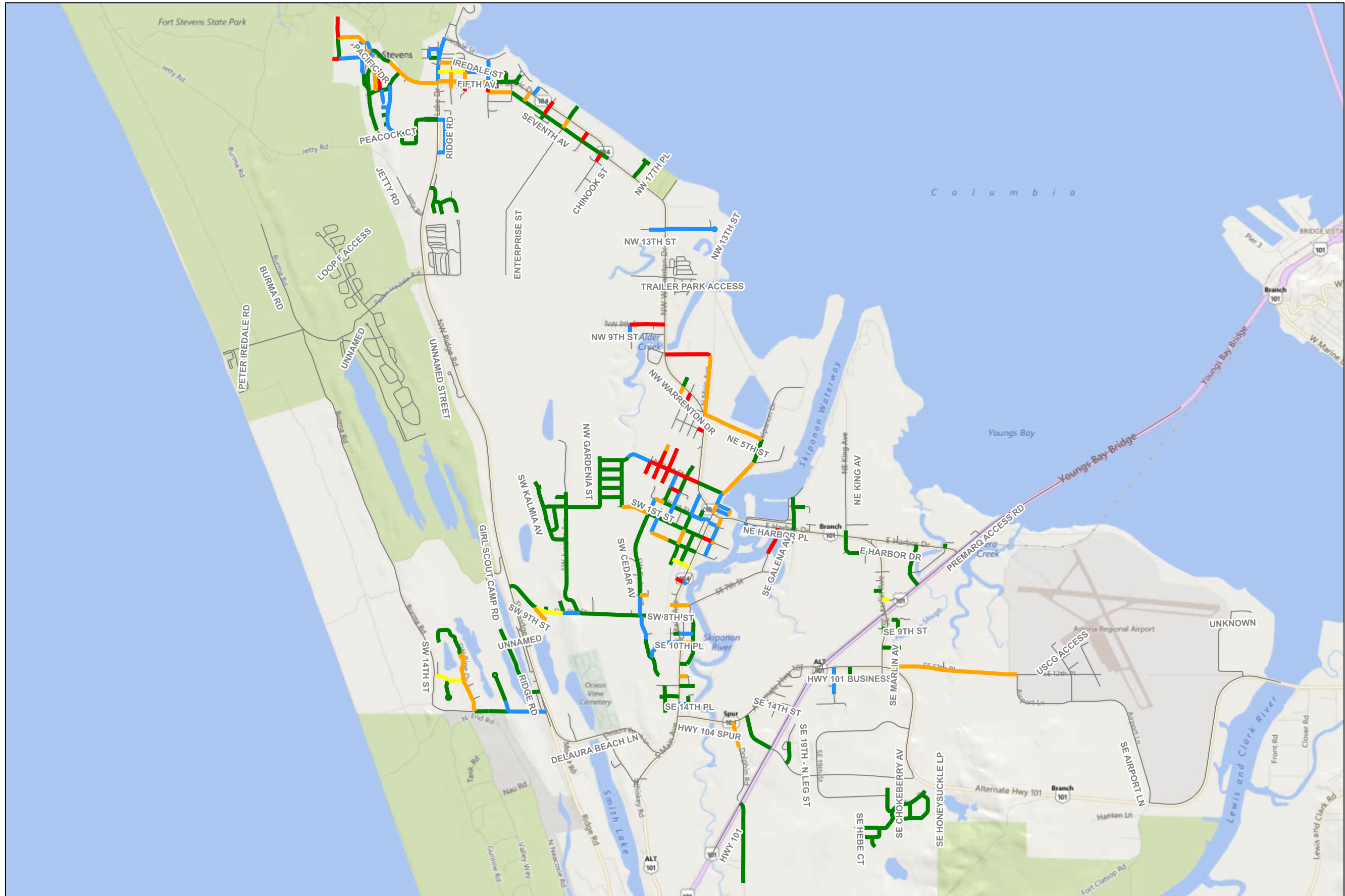


Current PCI Condition

Printed: 1/30/2018

Feature Legend

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



Appendix F

Scenarios - Sections Selected for Treatment Reports

Scenario 1 – Unconstrained – Sections Selected for Treatment

Scenario 2 – Current Funding – Sections Selected for Treatment

Scenario 3 – Increase PCI 5 points – Sections Selected for Treatment

Scenario 4 – Increase PCI 10 points – Sections Selected for Treatment

Scenario Maps – Scenario PCI Condition (in Final Scenario Year)

Scenario Maps – Sections Selected for Treatment (All Scenarios)

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$4,620,895	0%	2020	\$826,171	0%	2022	\$1,170,464	0%
2019	\$613,541	0%	2021	\$494,003	0%			

Year: 2018

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				
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	42	100	\$219,328	37,927	AC OVERLAY (4.0 INCHES)	
**SKIPANON DR	1ST ST NE	PACIFIC SEAFOODS DR	SKIPDR	030	1,306	22	28,732	C	AC/AC	40	39	100	\$70,234	27,569	AC OVERLAY (4.0 INCHES)	
Treatment Total												\$289,562				
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	43	100	\$8,128	48,181	AC OVERLAY (2.0 INCHES)	
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	43	100	\$3,623	48,504	AC OVERLAY (2.0 INCHES)	
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	49	100	\$10,389	45,639	AC OVERLAY (2.0 INCHES)	
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	43	100	\$41,057	48,291	AC OVERLAY (2.0 INCHES)	
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	48	100	\$19,580	46,269	AC OVERLAY (2.0 INCHES)	
**ANCHOR AV SE	1ST ST SE	HARBOR DR E	ANCHAV	080	216	42	9,072	R	AC/AC	40	39	100	\$11,088	49,175	AC OVERLAY (2.0 INCHES)	
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	49	100	\$9,900	46,655	AC OVERLAY (2.0 INCHES)	
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	65	100	\$15,156	35,714	AC OVERLAY (2.0 INCHES)	
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	42	100	\$14,256	48,289	AC OVERLAY (2.0 INCHES)	
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	43	100	\$6,468	48,183	AC OVERLAY (2.0 INCHES)	
**KING SALMON ST	PACIFIC DR	FIFTH AVE	KINGST	030	560	18	10,080	R	AC/AC	40	39	100	\$12,320	49,177	AC OVERLAY (2.0 INCHES)	
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	41	100	\$4,909	48,613	AC OVERLAY (2.0 INCHES)	
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	40	100	\$2,680	48,937	AC OVERLAY (2.0 INCHES)	
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	48	100	\$61,640	46,272	AC OVERLAY (2.0 INCHES)	
**PINE DR SW	14TH ST SW	N END OF MIDDLE CUL-DE-SAC	PINEDR	020	742	18	13,356	R	AC	39	38	100	\$16,324	49,421	AC OVERLAY (2.0 INCHES)	
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	45	100	\$14,550	47,440	AC OVERLAY (2.0 INCHES)	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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			
**SIXTH AV	JETTY ST	IREDALE ST	SIXTAV	020	677	18	12,186	R	AC/AC	40	39	100	\$14,894	49,192	AC OVERLAY (2.0 INCHES)
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	41	100	\$9,993	48,613	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$276,955		
11TH ST SW	CEDAR DR SW	MAIN AVE S	11THST	010	1,120	20	22,400	R	AC	66	65	75	\$8,712	35,721	CHIP AND CRACK SEAL
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	69	78	\$2,100	35,808	CHIP AND CRACK SEAL
13TH ST NW	WARRENTON DR NW	E CUL-DE-SAC	13THST	110	1,441	28	40,348	R	AC/AC	63	62	72	\$15,691	31,307	CHIP AND CRACK SEAL
1ST ST SW	ALDER ST SW	MAIN ST S	1STST	100	544	32	17,408	R	AC/AC	66	65	75	\$6,770	32,635	CHIP AND CRACK SEAL
2ND ST SE	MARLIN AVE SE	MALL PARKING LOT	2NDST	120	551	20	11,020	R	AC/AC	62	61	71	\$4,286	29,545	CHIP AND CRACK SEAL
9TH ST SW	JADE AVE SW	JUNIPER AVE SW	9THST	030	403	26	10,478	R	AC/AC	64	63	73	\$4,075	33,077	CHIP AND CRACK SEAL
ALDER AV SW	1ST ST SW	MAIN AVE N	ALDEAV	050	590	32	18,880	R	AC/AC	66	65	75	\$7,343	33,755	CHIP AND CRACK SEAL
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	68	77	\$7,700	32,747	CHIP AND CRACK SEAL
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	65	75	\$5,955	39,987	CHIP AND CRACK SEAL
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	68	77	\$10,759	48,400	CHIP AND CRACK SEAL
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	67	77	\$2,244	38,872	CHIP AND CRACK SEAL
GRAY ST	PACIFIC DR	FIFTH AVE	GRAYST	020	288	18	5,184	R	AC/AC	66	65	75	\$2,016	35,884	CHIP AND CRACK SEAL
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRENST	030	667	22	14,674	R	AC/AC	68	67	77	\$5,707	36,134	CHIP AND CRACK SEAL
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	69	78	\$2,898	42,204	CHIP AND CRACK SEAL
LAKE RD	PACIFIC DR	BEGIIN MARINA PARKING LOT	LAKEDR	010	1,386	24	33,264	C	AC/AC	65	64	74	\$12,936	47,753	CHIP AND CRACK SEAL
OAK AV SW	DELAURA BEACH RD	ROAD NARROWS (#1551)	OAKAVE	010	323	28	9,044	R	AC	65	64	74	\$3,518	32,428	CHIP AND CRACK SEAL
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	68	77	\$7,895	38,925	CHIP AND CRACK SEAL
QUINNATT PL	S DEAD END	SEVENTH AVE E	QUINPL	010	376	20	7,520	R	AC/AC	69	68	78	\$2,925	39,974	CHIP AND CRACK SEAL
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	65	75	\$4,970	45,362	CHIP AND CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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						
SECOND AV	BEGINING OF PVMT	RUSSELL DR	SECOAV	010	171	20	3,420	R	AC/AC	63	62	72	\$1,330	42,052	CHIP AND CRACK SEAL			
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	67	77	\$4,298	41,661	CHIP AND CRACK SEAL			
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	68	77	\$2,884	42,738	CHIP AND CRACK SEAL			
TWELFTH AV	LAKE DR	KING SALMON PL	TWELAV	010	198	22	4,356	R	AC/AC	61	60	71	\$1,694	32,610	CHIP AND CRACK SEAL			
												Treatment Total		\$128,706				
10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	10THPL	030	148	20	2,960	R	AC	74	73	82	\$921	47,173	SINGLE CHIP SEAL			
11TH ST SE	MARLIN AVE	E DEAD END (GATE)	11THST	100	529	20	10,580	R	AC/AC	76	75	83	\$3,292	35,177	SINGLE CHIP SEAL			
14TH PL SW	WEST DEAD END	ALDER AVE SW	14THPL	005	155	20	3,100	R	AC	83	82	89	\$965	37,083	SINGLE CHIP SEAL			
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	81	88	\$3,104	66,716	SINGLE CHIP SEAL			
14TH ST SE	MAIN AVE S	E DEAD END	14THST	050	413	20	8,260	R	AC	76	75	84	\$2,570	50,429	SINGLE CHIP SEAL			
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	80	87	\$8,755	59,896	SINGLE CHIP SEAL			
2ND ST SW	JUNIPER AVE SW	GARDENIA AVE SW	2NDST	020	963	24	23,112	R	AC/AC	87	87	93	\$7,191	63,151	SINGLE CHIP SEAL			
2ND ST SW	CEDAR AVE SW	ALDER CT SW	2NDST	050	845	32	27,040	R	AC/AC	87	87	93	\$8,413	55,784	SINGLE CHIP SEAL			
2ND ST SW	ALDER CT SW	MAIN CT SW	2NDST	060	567	32	18,144	R	AC/AC	87	87	93	\$5,645	55,784	SINGLE CHIP SEAL			
2ND ST SW	MAIN CT SW	MAIN AVE S	2NDST	070	248	44	10,912	R	AC/AC	81	80	88	\$3,395	47,723	SINGLE CHIP SEAL			
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	77	85	\$2,240	60,460	SINGLE CHIP SEAL			
ALDER AV SW	CUL-SE-SAC	14TH ST SW (PRVT)	ALDEAV	010	833	25	20,825	R	AC	83	82	89	\$6,479	37,083	SINGLE CHIP SEAL			
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	79	86	\$2,732	62,411	SINGLE CHIP SEAL			
ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	ANCHAV	010	250	34	8,500	R	AC/AC	74	73	82	\$2,645	46,317	SINGLE CHIP SEAL			
AZALEA AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	AZAVSE	010	342	25	8,550	R	AC/AC	80	79	87	\$2,660	46,298	SINGLE CHIP SEAL			
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	84	91	\$2,296	64,636	SINGLE CHIP SEAL			
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDAAV	020	973	25	24,325	C	AC/AC	80	79	87	\$7,568	72,667	SINGLE CHIP SEAL			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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			
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDAAV	030	986	25	24,650	C	AC/AC	83	83	90	\$7,669	81,075	SINGLE CHIP SEAL
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDAAV	040	434	32	13,888	C	AC/AC	83	83	90	\$4,321	81,075	SINGLE CHIP SEAL
CEDAR DR SW	S CUL-DE-SAC	ADDRESS #1065	CEDADR	010	1,117	22	24,574	R	AC	76	75	83	\$7,646	42,980	SINGLE CHIP SEAL
CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	CHBEAV	010	549	25	13,725	R	AC/AC	83	83	90	\$4,270	50,521	SINGLE CHIP SEAL
DATE AV NW	WARRENTON DR	232' N. OF WARRENTON DR (BEGIN PVT DRIVE)	DATEAV	040	232	34	7,888	R	AC/AC	77	76	84	\$2,455	45,029	SINGLE CHIP SEAL
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	79	87	\$6,840	60,812	SINGLE CHIP SEAL
DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	DOLPAV	040	2,301	26	59,826	R	AC/AC	75	74	83	\$18,613	39,717	SINGLE CHIP SEAL
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	72	81	\$1,420	56,379	SINGLE CHIP SEAL
ENSIGN LN SE	HWY 104 SPUR	HWY 101	ENSILN	040	1,174	46	54,004	C	AC	81	80	87	\$16,802	44,950	SINGLE CHIP SEAL
FIFTH AV	IREDALE ST	HECETA PL	FIFTAV	030	514	18	9,252	R	AC/AC	84	84	90	\$2,879	55,333	SINGLE CHIP SEAL
HEBE CT SE	SALAL LP SE	CUL-DE-SAC	HEBECT	010	350	28	9,800	R	AC/AC	83	83	90	\$3,049	53,835	SINGLE CHIP SEAL
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	84	90	\$1,272	55,333	SINGLE CHIP SEAL
HONEYSUCKLE LP SE	WILLOW DR SE	WILLOW DR SE	HOSULP	010	1,644	28	46,032	R	AC/AC	80	79	87	\$14,322	52,200	SINGLE CHIP SEAL
HUCKLEBERRY AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	HUBEAV	010	399	25	9,975	R	AC/AC	80	79	87	\$3,104	46,298	SINGLE CHIP SEAL
JADE AV SW	9TH ST SW	N CUL-DE-SAC	JADEAV	010	406	30	12,180	R	AC/AC	83	82	89	\$3,790	39,524	SINGLE CHIP SEAL
JUNIPER AV SW	9TH ST SW	BEGINING OF CURB (#702)	JUNIAV	020	1,295	30	38,850	R	AC/AC	87	87	93	\$12,087	51,816	SINGLE CHIP SEAL
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	81	88	\$1,746	72,819	SINGLE CHIP SEAL
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	82	89	\$8,141	58,851	SINGLE CHIP SEAL
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	83	90	\$8,591	60,693	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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			
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	81	88	\$2,210	64,176	SINGLE CHIP SEAL
NAUTICAL DR	NINTH AVE	END OF LOOP	NAUTDR	010	1,647	20	32,940	R	AC/AC	74	73	82	\$10,248	51,466	SINGLE CHIP SEAL
NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	NEPTDR	010	630	42	26,460	C	AC/AC	80	79	87	\$8,232	55,928	SINGLE CHIP SEAL
NEPTUNE AVE NE	BUS SHELTER	HWY 101	NEPTDR	020	563	56	31,528	C	AC/AC	80	79	87	\$9,809	55,928	SINGLE CHIP SEAL
OAK AV SW	ROAD NARROWS (#1551)	CUL-DE-SAC	OAKAVE	020	841	20	16,820	R	AC	90	89	94	\$5,233	19,892	SINGLE CHIP SEAL
PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	PEACWY	005	105	95	9,975	R	AC/AC	74	73	82	\$3,104	56,621	SINGLE CHIP SEAL
PINE CT SW	14TH ST SW	S CUL-DE-SAC	PINECT	010	551	16	8,816	R	AC	81	80	88	\$2,743	41,380	SINGLE CHIP SEAL
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	76	84	\$6,972	61,958	SINGLE CHIP SEAL
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	76	84	\$2,199	58,583	SINGLE CHIP SEAL
SALAL LP SE	WILLOW RD SE	WILLOW RD SE	SAPLSE	010	927	28	25,956	R	AC/AC	83	83	90	\$8,076	50,521	SINGLE CHIP SEAL
SEVENTH AV	RUSSEL DR	QUINATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	80	87	\$3,110	57,411	SINGLE CHIP SEAL
SEVENTH AV	QUINATT PL	PACIFIC DR	SEVEAV	009	756	25	18,900	R	AC/AC	77	76	85	\$5,880	49,953	SINGLE CHIP SEAL
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	81	88	\$6,306	64,172	SINGLE CHIP SEAL
SEVENTH AV	FLEET ST	DESDEMONA ST	SEVEAV	030	1,319	18	23,742	R	AC/AC	77	76	85	\$7,387	56,579	SINGLE CHIP SEAL
SEVENTH AV	DESDEMONA ST	WARRENTON/ PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	79	86	\$4,811	60,288	SINGLE CHIP SEAL
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	77	85	\$1,376	68,754	SINGLE CHIP SEAL
SIXTH AV	IREDALE ST	150FT W OF HECETA PL	SIXTAV	030	332	32	10,624	R	AC/AC	83	83	90	\$3,306	50,521	SINGLE CHIP SEAL
SIXTH AV	150FT W OF HECETA PL	HECETA ST	SIXTAV	040	465	20	9,300	R	AC/AC	83	83	90	\$2,894	50,521	SINGLE CHIP SEAL
SKIPANON DR	PACIFIC SEAFOODS DR	5TH ST NE	SKIPDR	040	715	24	17,160	C	AC/AC	80	79	87	\$5,339	50,871	SINGLE CHIP SEAL
TYEE ST	3RD AVE	1ST AVE	TYEEST	010	640	20	12,800	R	AC/AC	80	80	87	\$3,983	54,858	SINGLE CHIP SEAL
WILLOW DR SE	HONEYSUCKLE LP SE (W INT)	STATE RT 105	WILLDR	020	1,530	36	55,080	R	AC/AC	83	83	90	\$17,136	50,521	SINGLE CHIP SEAL
WILLOW DR SE	SALAL LP SE (W INT)	HONEYSUCKLE LP SE (W INT)	WILLDR	030	1,159	32	37,088	R	AC/AC	83	83	90	\$11,539	50,521	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

													Treatment Total	\$331,781		
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	82	84	\$24	1,026,119	SEAL CRACKS	
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	81	83	\$36	666,197	SEAL CRACKS	
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	82	84	\$7	1,026,119	SEAL CRACKS	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	77	\$72	851,202	SEAL CRACKS	
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANCHAV	040	1,066	22	23,452	R	AC	86	85	86	\$54	986,478	SEAL CRACKS	
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	80	82	\$66	835,986	SEAL CRACKS	
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	82	84	\$59	1,026,625	SEAL CRACKS	
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	82	84	\$28	1,026,625	SEAL CRACKS	
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	82	84	\$17	1,026,119	SEAL CRACKS	
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	88	88	\$9	1,108,115	SEAL CRACKS	
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	83	85	\$72	966,811	SEAL CRACKS	
													Treatment Total	\$444		
1ST ST NW	DATE AVE NW	BIRCH CT NW	1STST	030	848	36	30,528	C	AC/AC	24	22	100	\$403,648	4,958	RECONSTRUCT STRUCTURE (AC)	
1ST ST NW	BIRCH CT NW	MAIN AV N	1STST	040	628	36	22,608	C	AC/AC	15	13	100	\$298,928	4,958	RECONSTRUCT STRUCTURE (AC)	
2ND ST SE	MAIN AVE S	ANCHOR AVE SE	2NDST	080	249	37	9,213	R	AC/AC	17	16	100	\$114,651	4,599	RECONSTRUCT STRUCTURE (AC)	
4TH ST NW	BIRCH CT NW	MAIN AVE N	4THST	020	215	36	7,740	R	AC/AC	17	16	100	\$96,320	4,599	RECONSTRUCT STRUCTURE (AC)	
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	14	100	\$29,071	4,599	RECONSTRUCT STRUCTURE (AC)	
9TH ST NW	GARDENIA AVE	WARRENTON DR NW	9THST	060	995	18	17,910	R	AC/AC	17	16	100	\$222,880	4,599	RECONSTRUCT STRUCTURE (AC)	
CEDAR AV NW	S DEAD END	1ST ST NW	CEDAAV	100	432	32	13,824	R	AC/AC	0	0	100	\$172,032	4,599	RECONSTRUCT STRUCTURE (AC)	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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			
CEDAR AV NW	1ST ST NW	PVMT NARROWS	CEDAAV	110	431	32	13,792	R	AC/AC	11	10	100	\$171,634	4,599	RECONSTRUCT STRUCTURE (AC)
CEDAR AV NW	PVMT NARROWS	N DEAD END	CEDAAV	120	189	15	2,835	R	AC/AC	19	18	100	\$35,280	4,599	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	S DEAD END	1ST ST NW	CEDACT	010	426	32	13,632	R	AC/AC	17	16	100	\$169,643	4,599	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	1ST ST NW	PVMT NARROWS	CEDACT	020	449	32	14,368	R	AC/AC	23	22	100	\$178,802	4,599	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	S CUL-DE-SAC	WARRENTON DR NW	CEDACT	040	252	25	6,300	R	AC/AC	24	23	100	\$78,400	4,599	RECONSTRUCT STRUCTURE (AC)
CHINOOK ST	EIGHTH AVE	SEVENTH AVE	CHINST	020	254	18	4,572	R	AC/AC	17	16	100	\$56,896	4,599	RECONSTRUCT STRUCTURE (AC)
DATE AV NW	S DEAD END	1ST ST NW	DATEAV	010	377	18	6,786	R	AC/AC	17	16	100	\$84,448	4,599	RECONSTRUCT STRUCTURE (AC)
DATE AV NW	S DEAD END	WARRENTON DR	DATEAV	030	445	36	16,020	R	AC/AC	25	24	100	\$199,360	4,599	RECONSTRUCT STRUCTURE (AC)
DESDEMONA ST	SEVENTH AVE	PACIFIC DR	DESDST	010	278	16	4,448	R	AC/AC	7	6	100	\$55,353	4,599	RECONSTRUCT STRUCTURE (AC)
FLEET ST	7TH AVE	PACIFIC DR	FLEEST	020	261	16	4,176	R	AC/AC	10	9	100	\$51,968	4,599	RECONSTRUCT STRUCTURE (AC)
FLEET ST	PACIFIC DR	N DEAD END (PARKING LOT)	FLEEST	030	164	20	3,280	R	AC/AC	2	1	100	\$40,818	4,599	RECONSTRUCT STRUCTURE (AC)
GALENA AV SE	STREET NARROWS (# 220)	HARBOR DR E	GALEAV	010	801	12	9,612	R	AC/AC	15	14	100	\$119,616	4,599	RECONSTRUCT STRUCTURE (AC)
HARBOR ST W	BIRCH CT	BIRCH AVE	HARBST	020	259	12	3,108	R	AC/AC	15	14	100	\$38,678	4,599	RECONSTRUCT STRUCTURE (AC)
IREDALE ST	SEVENTH AVE	PACIFIC DR	IRE DST	020	260	16	4,160	R	AC/AC	16	15	100	\$51,769	4,599	RECONSTRUCT STRUCTURE (AC)
JETTY ST	S DEAD END (PVT DR)	PACIFIC DR	JETTST	010	228	16	3,648	R	AC	23	22	100	\$45,398	4,599	RECONSTRUCT STRUCTURE (AC)
QUINNATT PL	SEVENTH AVE	FIFTH ST	QUINST	010	414	12	4,968	R	AC/AC	20	19	100	\$61,824	4,599	RECONSTRUCT STRUCTURE (AC)
SEVENTH AV	IREDALE ST	HECETA ST	SEVEAV	010	665	18	11,970	R	AC/AC	25	24	100	\$148,960	4,599	RECONSTRUCT STRUCTURE (AC)
THIRD AV	W DEAD END	TYEE ST	THIRAV	005	193	18	3,474	R	AC/AC	24	23	100	\$43,232	4,599	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

Year: 2018

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			
**TYEE ST	1ST AVE	N DEAD END	TYEEST	020	610	18	10,980	R	AC/AC	22	21	100	\$136,640	4,599	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$3,106,249		
7TH PL NW	WARRENTON DR NW	MAIN AVE N	7THPL	010	1,291	16	20,656	R	PCC	24	23	100	\$481,974	4,647	RECONSTRUCT STRUCTURE (PCC)
												Treatment Total	\$481,974		
							Year 2018 Area Total	2,164,225			Year 2018 Total	\$4,615,671			

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			
14TH ST SW	PVT DRIVE WAY (HOUSE 1675)	PINE DR SW	14THST	100	795	16	12,720	R	AC	51	47	100	\$16,014	45,691	AC OVERLAY (2.0 INCHES)
7TH ST SE	MARLIN AVE SE	PVT PARKING LOT	7THST	010	212	36	7,632	R	AC/AC	51	47	100	\$9,608	45,389	AC OVERLAY (2.0 INCHES)
BIRCH CT SW	3RD ST SW	2ND ST SW	BIRCCT	030	448	32	14,336	R	AC/AC	51	47	100	\$18,048	45,689	AC OVERLAY (2.0 INCHES)
HARBOR CT NE	SKIPANON DR NE	BAY AVE NE	HARBCT	010	385	27	10,395	R	AC/AC	52	49	100	\$13,087	44,246	AC OVERLAY (2.0 INCHES)
MARINER ST	THIRD AVE	SECOND AVE	MARIST	010	231	18	4,158	R	AC/AC	51	48	100	\$5,235	44,936	AC OVERLAY (2.0 INCHES)
THIRD AV	MARINER ST	LAKE RD	THIRAV	020	260	18	4,680	R	AC/AC	71	69	100	\$5,892	27,511	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$67,884		
DELAURA BEACH LN	PINE DR SW	OAK AVE SW	DELALN	010	1,008	26	26,208	C	AC/AC	71	69	78	\$10,498	48,743	CHIP AND CRACK SEAL
KING AV SE	S DEAD END	STATE RT 105	KINGAV	030	309	12	3,708	R	AC/AC	70	68	78	\$1,486	48,363	CHIP AND CRACK SEAL
												Treatment Total	\$11,984		
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	82	89	\$2,933	38,138	SINGLE CHIP SEAL
2ND ST SW	KALMIA AVE SW	JUNIPER AVE SW	2NDST	010	615	25	15,375	R	AC/AC	92	89	95	\$4,927	19,131	SINGLE CHIP SEAL
3RD ST SW	ALDER AVE SW	MAIN CT SW	3RDST	030	264	45	11,880	R	AC/AC	92	89	95	\$3,807	19,137	SINGLE CHIP SEAL
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	82	89	\$776	38,138	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

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				
ENTERPRISE ST	PACIFIC DR	WATERFRONT TRAIL	ENTEST	020	429	9	3,861	R	AC/AC	91	89	94	\$1,238	21,208	SINGLE CHIP SEAL	
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	80	88	\$6,403	36,076	SINGLE CHIP SEAL	
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	82	89	\$7,323	38,143	SINGLE CHIP SEAL	
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	82	89	\$3,445	38,143	SINGLE CHIP SEAL	
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	82	89	\$1,995	38,138	SINGLE CHIP SEAL	
NINTH AV	NAUTICAL DR	RIDGE RD	NINTHAV	010	573	32	18,336	R	AC/AC	91	89	94	\$5,876	21,219	SINGLE CHIP SEAL	
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	83	90	\$8,554	39,926	SINGLE CHIP SEAL	
												Treatment Total		\$47,277		
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	87	88	\$23	4,266,186	SEAL CRACKS	
												Treatment Total		\$23		
2ND ST SE	ANCHOR AVE SE	E END OF PVMT	2NDST	090	107	19	2,033	R	AC/AC	26	22	100	\$26,059	4,465	RECONSTRUCT STRUCTURE (AC)	
DOLPHIN AV SE	HWY 104 SPUR	MALL BACK ENTRANCE	DOLPAV	005	748	21	15,708	R	AC/AC	28	24	100	\$201,342	4,465	RECONSTRUCT STRUCTURE (AC)	
FIRST AV	TYEE ST	SILVERSIDE ST	FIRSAV	010	586	18	10,548	R	AC/AC	26	22	100	\$135,202	4,465	RECONSTRUCT STRUCTURE (AC)	
SKIPANON DR	MAIN AVE N	HARBOR PL NE	SKIPDR	010	284	32	9,088	C	AC/AC	29	23	100	\$123,769	4,814	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$486,372		
Year 2019 Area Total							315,951	Year 2019 Total				\$613,540				

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 PL SE	MAIN AVE S	ANCHOR AVE SE	10THPL	010	387	20	7,740	R	AC/AC	53	48	100	\$10,037	43,369	AC OVERLAY (2.0 INCHES)
13TH ST NW	W DEAD END	WARRENTON DR NW	13THST	100	445	10	4,450	R	AC/AC	53	48	100	\$5,771	43,618	AC OVERLAY (2.0 INCHES)

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

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				
1ST ST SE	MAIN AVE S	ANCHOR AVE SE	1STST	150	143	48	8,864	R	AC/AC	53	48	100	\$8,901	43,222	AC OVERLAY (2.0 INCHES)	
ANCHOR AV SE	3RD ST SE	1ST ST SE	ANCHAV	070	912	20	18,240	R	AC/AC	53	48	100	\$23,651	43,222	AC OVERLAY (2.0 INCHES)	
NINTH AV	RIDGE RD	KING SALMON ST	NINTHAV	020	347	24	8,328	R	AC/AC	54	49	100	\$10,799	43,674	AC OVERLAY (2.0 INCHES)	
Treatment Total												\$59,159				
10TH ST SE	MARLIN FRONTAGE RD	MARLIN AVE	10THST	010	111	24	2,664	R	AC/AC	73	69	78	\$1,100	31,587	CHIP AND CRACK SEAL	
9TH ST SW	RIDGE RD SW	KALMIA AVE SW (S. INT.)	9THST	010	999	26	25,974	R	AC/AC	72	68	77	\$10,717	31,997	CHIP AND CRACK SEAL	
9TH ST SE	MAIN AVE S	ANCHOR AVE SE	9THSTS	010	364	20	7,280	R	AC/AC	73	68	77	\$3,004	28,410	CHIP AND CRACK SEAL	
ANCHOR AV SE	13TH ST SE	PVMT CHANGE (#1182)	ANCHAV	030	365	18	6,570	R	AC	73	69	78	\$2,711	36,041	CHIP AND CRACK SEAL	
BIRCH AV NW	HARBOR ST W	1ST ST NW	BIRCAV	020	444	22	9,768	R	AC/AC	73	69	78	\$4,031	34,415	CHIP AND CRACK SEAL	
FLEET ST	SEVENTH CT	SEVENTH AVE	FLEEST	010	149	18	2,682	R	AC/AC	73	69	78	\$1,107	34,499	CHIP AND CRACK SEAL	
HECETA ST	PACIFIC DR	POINT TRIUMPH LP	HECEST	030	267	28	7,476	R	AC/AC	72	69	78	\$3,085	47,797	CHIP AND CRACK SEAL	
PACIFIC DR	RUSSELL DR	PVMT NARROWS W OF 7TH ST	PACIDR	010	665	24	15,960	R	AC/AC	72	68	77	\$6,585	34,261	CHIP AND CRACK SEAL	
Treatment Total												\$32,340				
1ST ST SW	BIRCH CT SW	ALDER AV SW	1STST	090	842	22	18,524	R	AC/AC	94	88	94	\$6,114	21,776	SINGLE CHIP SEAL	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	83	\$5,422	43,527	SINGLE CHIP SEAL	
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANCHAV	040	1,066	22	23,452	R	AC	86	84	91	\$7,741	39,864	SINGLE CHIP SEAL	
CHOKEBERRY AV	19TH ST SE (S.LEG)	CCA FOOD BANK	CHBEAV	020	208	22	4,576	R	AC/AC	93	88	94	\$1,511	22,765	SINGLE CHIP SEAL	
MAIN CT SW	4TH ST SW	2ND ST SW	MAINCT	050	902	34	30,668	R	AC/AC	94	88	94	\$10,123	21,616	SINGLE CHIP SEAL	
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	86	92	\$1,471	42,454	SINGLE CHIP SEAL	
PACIFIC RIDGE LN	RIDGE RD	SOUTHWIND CIR	PARILN	010	672	25	16,800	R	AC/AC	94	88	94	\$5,545	21,787	SINGLE CHIP SEAL	
Treatment Total												\$37,927				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

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			
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	88	89	\$1	12,500,422	SEAL CRACKS
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	88	89	\$1	228,309,580	SEAL CRACKS
Treatment Total												\$2			
3RD ST SW	BIRCH ST SW	ROBINSON PARK ENTRANCE	3RDST	010	535	24	12,840	R	AC/AC	29	23	100	\$169,518	4,335	RECONSTRUCT STRUCTURE (AC)
7TH AV SW	CEDAR AVE SW	E DEAD END	7THAVE	010	164	30	4,920	R	AC/AC	30	24	100	\$64,956	4,335	RECONSTRUCT STRUCTURE (AC)
CEDAR AV SW	2ND ST SW	HOUSE #125	CEDAAV	050	212	36	7,632	R	AC	29	22	100	\$100,761	4,335	RECONSTRUCT STRUCTURE (AC)
PINE DR SW	DELAURA BEACH RD	14TH ST SW	PINEDR	010	976	18	17,568	R	AC	31	24	100	\$231,939	4,335	RECONSTRUCT STRUCTURE (AC)
RUSSELL PL	SEVENTH DR	RUSSEL DR	RUSSPL	010	701	14	9,814	R	AC/AC	29	23	100	\$129,568	4,335	RECONSTRUCT STRUCTURE (AC)
Treatment Total												\$696,742			
Year 2020 Area Total								321,744	Year 2020 Total		\$826,170				

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			
CEDAR AV SW	9TH ST SW	7TH ST SW	CEDAAV	010	581	22	12,782	C	AC	60	48	100	\$34,143	24,552	AC OVERLAY (4.0 INCHES)
Treatment Total												\$34,143			
9TH ST SW	KALMIA AVE SW (S. INT.)	JADE AVE SW	9THST	020	809	26	21,034	R	AC/AC	57	49	100	\$28,093	42,242	AC OVERLAY (2.0 INCHES)
BIRCH CT NW	HARBOR ST W	1ST ST NW	BIRCCT	020	406	34	13,804	R	AC/AC	54	48	100	\$18,437	42,195	AC OVERLAY (2.0 INCHES)
JETTY ST	FIFTH AVE	FOURTH AVE	JETTST	030	275	18	4,950	R	AC	56	49	100	\$6,611	42,314	AC OVERLAY (2.0 INCHES)
JETTY AV SE	S DEAD END	STATE RT 105	JWSTSE	010	755	20	15,100	R	AC/AC	56	49	100	\$20,167	42,269	AC OVERLAY (2.0 INCHES)
KING SALMON PL	TWELFTH AVE	NINTH AVE	KINGPL	010	956	24	22,944	R	AC/AC	56	49	100	\$30,643	41,735	AC OVERLAY (2.0 INCHES)
LAKE RD SPUR	LAKE DRIVE/THIRD AVE	SECOND AVE	LAKEDR	020	216	16	3,456	R	AC/AC	55	49	100	\$4,616	41,927	AC OVERLAY (2.0 INCHES)
Treatment Total												\$108,567			

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

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				
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	87	93	\$2,865	24,699	SINGLE CHIP SEAL	
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	86	92	\$16,052	39,970	SINGLE CHIP SEAL	
9TH ST SW	CEDAR AVE SW	MAIN AVE S	9THST	050	1,005	23	23,115	R	AC/AC	94	87	93	\$7,859	25,263	SINGLE CHIP SEAL	
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	87	93	\$7,361	24,261	SINGLE CHIP SEAL	
JADE PL SW	KALMIA AVE SW	2ND ST SW	JADEPL	010	802	25	20,050	R	AC/AC	94	87	93	\$6,817	26,082	SINGLE CHIP SEAL	
KALMIA AV SW	JUNIPER AVE SW	2ND AVE SW	KALMST	030	1,295	25	32,375	R	AC/AC	94	87	93	\$11,007	26,082	SINGLE CHIP SEAL	
Treatment Total												\$51,961				
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	86	87	\$100	2,619,414	SEAL CRACKS	
1ST ST NW	GARDENIA AVE NW	200 FT E OF ELM ST (#495)	1STST	010	815	36	29,340	C	AC/AC	92	85	86	\$55	1,348,936	SEAL CRACKS	
1ST ST SW	GARDENIA AVE SW	ELM AVE SW	1STST	050	604	32	19,328	R	AC/AC	94	87	88	\$15	2,198,317	SEAL CRACKS	
1ST PL SW	GARDENIA AVE SW	ELM AVE SW	1STST	070	609	28	17,052	R	AC/AC	94	87	88	\$13	2,198,317	SEAL CRACKS	
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	87	88	\$7	1,995,846	SEAL CRACKS	
2ND ST SE	KING AVE SE	MARLIN AVE SE	2NDST	110	937	16	14,992	R	AC/AC	94	87	88	\$13	2,002,088	SEAL CRACKS	
3RD ST SW	MAIN CT SW	MAIN AVE N	3RDST	040	267	42	11,214	R	AC/AC	94	87	88	\$9	2,196,288	SEAL CRACKS	
6TH ST SE	W DEAD END	MARLIN AVE	6THST	010	203	40	8,120	R	AC/AC	94	87	88	\$7	2,156,852	SEAL CRACKS	
BIRCH CT SW	1ST ST SW	HARBOR ST W	BIRCCT	010	498	34	16,932	R	AC/AC	94	87	88	\$13	2,241,977	SEAL CRACKS	
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	87	88	\$7	1,991,205	SEAL CRACKS	
ELM AV NW	2ND ST SW	1ST ST NW	ELMAVE	010	1,339	36	48,204	R	AC/AC	94	87	88	\$36	2,198,317	SEAL CRACKS	
GARDENIA AV SW	2ND ST SW	HARBOR ST W	GARDAV	010	1,067	28	29,876	R	AC/AC	94	87	88	\$22	2,241,977	SEAL CRACKS	
GARDENIA AV NW	HARBOR ST W	N DEAD END	GARDAV	020	353	28	9,884	R	AC/AC	94	87	88	\$8	2,241,977	SEAL CRACKS	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

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				
HARBOR PL SW	GARDENIA AVE SW	ELM AVE SW	HARBPL	040	601	32	19,232	R	AC/AC	94	87	88	\$14	2,241,977	SEAL CRACKS	
HARBOR ST W	GARDENIA AVE NW	ELM AV NW	HARBST	010	594	32	19,008	R	AC/AC	94	87	88	\$14	2,198,317	SEAL CRACKS	
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	87	88	\$15	2,164,562	SEAL CRACKS	
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	87	88	\$8	2,164,562	SEAL CRACKS	
KING AV NE	HARBOR DR NE	N DEAD END	KINGAV	020	174	18	3,132	R	AC/AC	94	87	88	\$3	2,156,852	SEAL CRACKS	
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	87	88	\$15	2,160,698	SEAL CRACKS	
WESTWIND CIR	PACIFIC RIDGE LN	S CUL-DE-SAC	WEWICI	010	402	25	10,050	R	AC/AC	94	87	88	\$8	2,160,698	SEAL CRACKS	
												Treatment Total		\$382		
1ST ST SW	CEDAR AVE SW	BIRCH CT SW	1STST	080	276	27	7,452	R	AC/AC	31	23	100	\$101,336	4,209	RECONSTRUCT STRUCTURE (AC)	
8TH ST SE	MAIN AVE S	ANCHOR AVE SE	8THSTS	010	378	20	7,560	R	AC	33	23	100	\$102,804	4,209	RECONSTRUCT STRUCTURE (AC)	
CEDAR CT NW	PVMT NARROWS	N DEAD END	CEDACT	030	180	15	2,700	R	AC/AC	31	23	100	\$36,716	4,209	RECONSTRUCT STRUCTURE (AC)	
ENTERPRISE ST	SEVENTH AVE	PACIFIC DR	ENTEST	010	267	16	4,272	R	AC/AC	32	23	100	\$58,093	4,209	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$298,949		
Year 2021 Area Total							681,624		Year 2021 Total				\$494,002			

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				
**1ST ST NW	200 FT E OF ELM ST (# 495)	DATE AVE NW	1STST	020	727	36	26,172	C	AC/AC	58	47	100	\$72,006	23,404	AC OVERLAY (4.0 INCHES)	
												Treatment Total		\$72,006		
SECOND AV	MARINER ST	LAKE DR SPUR	SECOAV	020	251	15	3,765	R	AC/AC	56	48	100	\$5,180	40,845	AC OVERLAY (2.0 INCHES)	
												Treatment Total		\$5,180		

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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				
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	86	92	\$2,916	27,012	SINGLE CHIP SEAL	
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	75	83	\$4,388	29,224	SINGLE CHIP SEAL	
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	86	92	\$2,916	27,023	SINGLE CHIP SEAL	
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	86	92	\$6,960	26,667	SINGLE CHIP SEAL	
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	86	92	\$3,756	26,667	SINGLE CHIP SEAL	
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	86	92	\$6,794	26,674	SINGLE CHIP SEAL	
Treatment Total												\$27,730				
10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	10THPL	030	148	20	2,960	R	AC	74	76	78	\$14	789,119	SEAL CRACKS	
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	87	88	\$6	1,943,775	SEAL CRACKS	
11TH ST SE	MARLIN AVE	E DEAD END (GATE)	11THST	100	529	20	10,580	R	AC/AC	76	75	78	\$52	596,281	SEAL CRACKS	
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	87	88	\$3	1,943,775	SEAL CRACKS	
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	72	75	\$30	698,973	SEAL CRACKS	
14TH PL SW	WEST DEAD END	ALDER AVE SW	14THPL	005	155	20	3,100	R	AC	83	82	84	\$10	757,100	SEAL CRACKS	
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	85	86	\$28	1,282,828	SEAL CRACKS	
14TH ST SE	MAIN AVE S	E DEAD END	14THST	050	413	20	8,260	R	AC	76	78	80	\$35	871,724	SEAL CRACKS	
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	87	88	\$8	1,943,775	SEAL CRACKS	
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	83	85	\$70	1,374,520	SEAL CRACKS	
1ST ST NW	DATE AVE NW	BIRCH CT NW	1STST	030	848	36	30,528	C	AC/AC	24	89	89	\$58	876,797	SEAL CRACKS	
1ST ST NW	BIRCH CT NW	MAIN AV N	1STST	040	628	36	22,608	C	AC/AC	15	89	89	\$43	876,797	SEAL CRACKS	
2ND ST SW	MAIN CT SW	MAIN AVE S	2NDST	070	248	44	10,912	R	AC/AC	81	83	84	\$30	1,056,539	SEAL CRACKS	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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			
2ND ST SE	MAIN AVE S	ANCHOR AVE SE	2NDST	080	249	37	9,213	R	AC/AC	17	86	87	\$23	704,008	SEAL CRACKS
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	81	82	\$25	1,152,615	SEAL CRACKS
4TH ST NW	BIRCH CT NW	MAIN AVE N	4THST	020	215	36	7,740	R	AC/AC	17	86	87	\$19	704,008	SEAL CRACKS
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	86	87	\$6	704,008	SEAL CRACKS
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	87	88	\$29	1,943,775	SEAL CRACKS
9TH ST NW	GARDENIA AVE	WARRENTON DR NW	9THST	060	995	18	17,910	R	AC/AC	17	86	87	\$44	704,008	SEAL CRACKS
ALDER AV SW	CUL-SE-SAC	14TH ST SW (PRVT)	ALDEAV	010	833	25	20,825	R	AC	83	82	84	\$68	757,100	SEAL CRACKS
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	87	88	\$14	1,943,775	SEAL CRACKS
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	83	84	\$25	1,349,859	SEAL CRACKS
ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	ANCHAV	010	250	34	8,500	R	AC/AC	74	76	78	\$41	769,745	SEAL CRACKS
AZALEA AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	AZAVSE	010	342	25	8,550	R	AC/AC	80	82	83	\$27	937,221	SEAL CRACKS
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	71	73	\$111	652,447	SEAL CRACKS
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	87	88	\$5	5,071,695	SEAL CRACKS
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDA AV	020	973	25	24,325	C	AC/AC	80	82	84	\$70	1,550,384	SEAL CRACKS
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDA AV	030	986	25	24,650	C	AC/AC	83	86	87	\$34	2,887,682	SEAL CRACKS
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDA AV	040	434	32	13,888	C	AC/AC	83	86	87	\$20	2,887,682	SEAL CRACKS
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDA AV	060	225	36	8,100	R	AC	50	87	88	\$7	1,943,775	SEAL CRACKS
CEDAR AV NW	S DEAD END	1ST ST NW	CEDA AV	100	432	32	13,824	R	AC/AC	0	86	87	\$34	704,008	SEAL CRACKS
CEDAR AV NW	1ST ST NW	PVMT NARROWS	CEDA AV	110	431	32	13,792	R	AC/AC	11	86	87	\$34	704,008	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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			
CEDAR AV NW	PVMT NARROWS	N DEAD END	CEDAAV	120	189	15	2,835	R	AC/AC	19	86	87	\$7	704,008	SEAL CRACKS
CEDAR CT NW	S DEAD END	1ST ST NW	CEDACT	010	426	32	13,632	R	AC/AC	17	86	87	\$34	704,008	SEAL CRACKS
CEDAR CT NW	1ST ST NW	PVMT NARROWS	CEDACT	020	449	32	14,368	R	AC/AC	23	86	87	\$36	704,008	SEAL CRACKS
CEDAR CT NW	S CUL-DE-SAC	WARRENTON DR NW	CEDACT	040	252	25	6,300	R	AC/AC	24	86	87	\$16	704,008	SEAL CRACKS
CEDAR DR SW	S CUL-DE-SAC	ADDRESS #1065	CEDADR	010	1,117	22	24,574	R	AC	76	77	79	\$110	729,128	SEAL CRACKS
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	70	72	\$92	764,874	SEAL CRACKS
CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	CHBEAV	010	549	25	13,725	R	AC/AC	83	85	86	\$24	1,527,090	SEAL CRACKS
CHINOOK ST	EIGHTH AVE	SEVENTH AVE	CHINST	020	254	18	4,572	R	AC/AC	17	86	87	\$12	704,008	SEAL CRACKS
DATE AV NW	S DEAD END	1ST ST NW	DATEAV	010	377	18	6,786	R	AC/AC	17	86	87	\$17	704,008	SEAL CRACKS
DATE AV NW	S DEAD END	WARRENTON DR	DATEAV	030	445	36	16,020	R	AC/AC	25	86	87	\$40	704,008	SEAL CRACKS
DATE AV NW	WARRENTON DR	232' N. OF WARRENTON DR (BEGIN PVT DRIVE)	DATEAV	040	232	34	7,888	R	AC/AC	77	79	80	\$33	788,850	SEAL CRACKS
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	71	74	\$153	965,350	SEAL CRACKS
DESDEMONA ST	SEVENTH AVE	PACIFIC DR	DES DST	010	278	16	4,448	R	AC/AC	7	86	87	\$11	704,008	SEAL CRACKS
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	81	83	\$73	1,209,243	SEAL CRACKS
DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	DOLPAV	040	2,301	26	59,826	R	AC/AC	75	76	78	\$289	657,889	SEAL CRACKS
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	71	74	\$32	781,172	SEAL CRACKS
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	77	79	\$21	954,544	SEAL CRACKS
ENSIGN LN SE	HWY 104 SPUR	HWY 101	ENSILN	040	1,174	46	54,004	C	AC	81	79	81	\$223	743,841	SEAL CRACKS
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	87	88	\$11	1,943,775	SEAL CRACKS
FIFTH AV	IREDALE ST	HECETA PL	FIFTAV	030	514	18	9,252	R	AC/AC	84	86	87	\$10	2,585,387	SEAL CRACKS
FLEET ST	7TH AVE	PACIFIC DR	FLEEST	020	261	16	4,176	R	AC/AC	10	86	87	\$11	704,008	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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			
FLEET ST	PACIFIC DR	N DEAD END (PARKING LOT)	FLEEST	030	164	20	3,280	R	AC/AC	2	86	87	\$9	704,008	SEAL CRACKS
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	87	88	\$10	1,943,775	SEAL CRACKS
GALENA AV SE	STREET NARROWS (# 220)	HARBOR DR E	GALEAV	010	801	12	9,612	R	AC/AC	15	86	87	\$24	704,008	SEAL CRACKS
HARBOR ST W	BIRCH CT	BIRCH AVE	HARBST	020	259	12	3,108	R	AC/AC	15	86	87	\$8	704,008	SEAL CRACKS
HEBE CT SE	SALAL LP SE	CUL-DE-SAC	HEBECT	010	350	28	9,800	R	AC/AC	83	85	86	\$16	1,761,854	SEAL CRACKS
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	86	87	\$5	2,585,387	SEAL CRACKS
HONEYSUCKLE LP SE	WILLOW DR SE	WILLOW DR SE	HOSULP	010	1,644	28	46,032	R	AC/AC	80	82	84	\$131	1,110,065	SEAL CRACKS
HUCKLEBERRY AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	HUBEAV	010	399	25	9,975	R	AC/AC	80	82	83	\$32	937,221	SEAL CRACKS
IREDALE ST	SEVENTH AVE	PACIFIC DR	IRE DST	020	260	16	4,160	R	AC/AC	16	86	87	\$11	704,008	SEAL CRACKS
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRE DST	030	667	22	14,674	R	AC/AC	68	71	73	\$83	718,134	SEAL CRACKS
JADE AV SW	9TH ST SW	N CUL-DE-SAC	JADEAV	010	406	30	12,180	R	AC/AC	83	83	85	\$31	973,336	SEAL CRACKS
JETTY ST	S DEAD END (PVT DR)	PACIFIC DR	JETTST	010	228	16	3,648	R	AC	23	86	87	\$9	704,008	SEAL CRACKS
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	87	88	\$5	1,943,775	SEAL CRACKS
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	85	86	\$10	2,287,604	SEAL CRACKS
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	74	76	\$39	862,219	SEAL CRACKS
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	85	86	\$71	1,138,494	SEAL CRACKS
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	86	87	\$68	1,193,238	SEAL CRACKS
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	87	88	\$4	1,943,775	SEAL CRACKS
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	85	86	\$14	1,763,511	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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			
NAUTICAL DR	NINTH AVE	END OF LOOP	NAUTDR	010	1,647	20	32,940	R	AC/AC	74	77	79	\$150	864,501	SEAL CRACKS
NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	NEPTDR	010	630	42	26,460	C	AC/AC	80	80	82	\$94	1,082,741	SEAL CRACKS
NEPTUNE AVE NE	BUS SHELTER	HWY 101	NEPTDR	020	563	56	31,528	C	AC/AC	80	80	82	\$112	1,082,741	SEAL CRACKS
OAK AV SW	ROAD NARROWS (#1551)	CUL-DE-SAC	OAKAVE	020	841	20	16,820	R	AC	90	85	86	\$44	719,147	SEAL CRACKS
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	87	88	\$2	1,943,775	SEAL CRACKS
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	87	88	\$43	1,943,775	SEAL CRACKS
PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	PEACWY	005	105	95	9,975	R	AC/AC	74	78	80	\$44	972,070	SEAL CRACKS
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	72	75	\$110	782,931	SEAL CRACKS
PINE CT SW	14TH ST SW	S CUL-DE-SAC	PINECT	010	551	16	8,816	R	AC	81	81	83	\$31	785,080	SEAL CRACKS
QUINNATT PL	S DEAD END	SEVENTH AV E	QUINPL	010	376	20	7,520	R	AC/AC	69	72	75	\$41	808,479	SEAL CRACKS
QUINNATT PL	SEVENTH AVE	FIFTH ST	QUINST	010	414	12	4,968	R	AC/AC	20	86	87	\$13	704,008	SEAL CRACKS
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	80	82	\$83	1,149,252	SEAL CRACKS
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	80	81	\$27	1,063,454	SEAL CRACKS
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	71	73	\$72	938,009	SEAL CRACKS
SALAL LP SE	WILLOW RD SE	WILLOW RD SE	SAPLSE	010	927	28	25,956	R	AC/AC	83	85	86	\$46	1,527,090	SEAL CRACKS
SEVENTH AV	RUSSEL DR	QUINNATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	83	84	\$26	1,284,257	SEAL CRACKS
SEVENTH AV	QUINNATT PL	PACIFIC DR	SEVEAV	009	756	25	18,900	R	AC/AC	77	79	81	\$74	898,909	SEAL CRACKS
SEVENTH AV	IREDALE ST	HECETA ST	SEVEAV	010	665	18	11,970	R	AC/AC	25	86	87	\$30	704,008	SEAL CRACKS
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	85	86	\$39	1,762,655	SEAL CRACKS
SEVENTH AV	FLEET ST	DESDEMONA ST	SEVEAV	030	1,319	18	23,742	R	AC/AC	77	80	82	\$86	1,050,758	SEAL CRACKS
SEVENTH AV	DESDEMONA ST	WARRENTON/PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	82	84	\$44	1,282,192	SEAL CRACKS
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	81	83	\$15	1,384,132	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

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			
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	72	74	\$61	845,392	SEAL CRACKS
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	87	88	\$11	1,943,775	SEAL CRACKS
SIXTH AV	IREDALE ST	150FT W OF HECETA PL	SIXTAV	030	332	32	10,624	R	AC/AC	83	85	86	\$19	1,527,090	SEAL CRACKS
SIXTH AV	150FT W OF HECETA PL	HECETA ST	SIXTAV	040	465	20	9,300	R	AC/AC	83	85	86	\$17	1,527,090	SEAL CRACKS
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	87	88	\$7	1,943,775	SEAL CRACKS
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	70	73	\$42	837,780	SEAL CRACKS
SKIPANON DR	PACIFIC SEAFOODS DR	5TH ST NE	SKIPDR	040	715	24	17,160	C	AC/AC	80	80	81	\$66	970,623	SEAL CRACKS
THIRD AV	W DEAD END	TYEE ST	THIRAV	005	193	18	3,474	R	AC/AC	24	86	87	\$9	704,008	SEAL CRACKS
TYEE ST	3RD AVE	1ST AVE	TYEEST	010	640	20	12,800	R	AC/AC	80	83	84	\$35	1,196,301	SEAL CRACKS
**TYEE ST	1ST AVE	N DEAD END	TYEEST	020	610	18	10,980	R	AC/AC	22	86	87	\$27	704,008	SEAL CRACKS
WILLOW DR SE	HONEYSUCKLE LP SE (W INT)	STATE RT 105	WILLDR	020	1,530	36	55,080	R	AC/AC	83	85	86	\$96	1,527,090	SEAL CRACKS
WILLOW DR SE	SALAL LP SE (W INT)	HONEYSUCKLE LP SE (W INT)	WILLDR	030	1,159	32	37,088	R	AC/AC	83	85	86	\$65	1,527,090	SEAL CRACKS
Treatment Total												\$4,539			
**2ND ST SW	ELM AVE SW	CEDAR AVE SW	2NDST	040	830	32	26,560	R	AC/AC	38	27	100	\$395,259	3,841	RECONSTRUCT STRUCTURE (AC)
8TH ST SW	W DEAD END	MAIN AVE S	8THSTS	020	138	12	1,656	R	AC/AC	34	23	100	\$23,195	4,086	RECONSTRUCT STRUCTURE (AC)
**BAY AV NE	HARBOR PL NE	HARBOR CT NE	BAYAVE	010	149	24	3,576	R	AC/AC	36	26	100	\$53,218	3,843	RECONSTRUCT STRUCTURE (AC)
**GRAY ST	SEVENTH AVE	PACIFIC DR	GRAYST	010	273	16	4,368	R	AC/AC	35	24	100	\$61,180	4,086	RECONSTRUCT STRUCTURE (AC)
**KALMIA AV SW	SE CUL-DE-SAC	9TH ST SW	KALMST	010	421	17	7,157	R	AC/AC	37	26	100	\$106,509	3,842	RECONSTRUCT STRUCTURE (AC)
**KING SALMON ST	BEGINING OF PVMT	PACIFIC DR	KINGST	020	125	24	3,000	R	AC/AC	33	22	100	\$42,019	4,086	RECONSTRUCT STRUCTURE (AC)
**MAIN AV N	5TH ST NE	7TH PL NW	MAINAV	010	1,694	16	27,104	R	AC/PC C	33	22	100	\$379,628	4,086	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (1) Unconstrained Needs

		Treatment Total	\$1,061,008
Year 2022 Area Total	1,725,078	Year 2022 Total	\$1,170,463
Total Section Area:	5,208,622	Grand Total	\$7,719,846

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$300,000	10%	2020	\$300,000	10%	2022	\$300,000	10%
2019	\$300,000	10%	2021	\$300,000	10%			

Year: 2018

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			
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	43	100	\$8,128	48,181	AC OVERLAY (2.0 INCHES)
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	43	100	\$3,623	48,504	AC OVERLAY (2.0 INCHES)
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	49	100	\$10,389	45,639	AC OVERLAY (2.0 INCHES)
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	43	100	\$41,057	48,291	AC OVERLAY (2.0 INCHES)
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	48	100	\$19,580	46,269	AC OVERLAY (2.0 INCHES)
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	49	100	\$9,900	46,655	AC OVERLAY (2.0 INCHES)
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	42	100	\$14,256	48,289	AC OVERLAY (2.0 INCHES)
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	43	100	\$6,468	48,183	AC OVERLAY (2.0 INCHES)
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	41	100	\$4,909	48,613	AC OVERLAY (2.0 INCHES)
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	40	100	\$2,680	48,937	AC OVERLAY (2.0 INCHES)
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	48	100	\$61,640	46,272	AC OVERLAY (2.0 INCHES)
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	45	100	\$14,550	47,440	AC OVERLAY (2.0 INCHES)
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	41	100	\$9,993	48,613	AC OVERLAY (2.0 INCHES)
Treatment Total												\$207,173			
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	65	75	\$5,955	39,987	CHIP AND CRACK SEAL
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	68	77	\$10,759	48,400	CHIP AND CRACK SEAL
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	67	77	\$2,244	38,872	CHIP AND CRACK SEAL
GRAY ST	PACIFIC DR	FIFTH AVE	GRAYST	020	288	18	5,184	R	AC/AC	66	65	75	\$2,016	35,884	CHIP AND CRACK SEAL
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	69	78	\$2,898	42,204	CHIP AND CRACK SEAL
LAKE RD	PACIFIC DR	BEGIIN MARINA PARKING LOT	LAKEDR	010	1,386	24	33,264	C	AC/AC	65	64	74	\$12,936	47,753	CHIP AND CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

Year: 2018

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				
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	68	77	\$7,895	38,925	CHIP AND CRACK SEAL	
QUINNATT PL	S DEAD END	SEVENTH AVE	QUINPL	010	376	20	7,520	R	AC/AC	69	68	78	\$2,925	39,974	CHIP AND CRACK SEAL	
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	65	75	\$4,970	45,362	CHIP AND CRACK SEAL	
SECOND AV	BEGINING OF PVMT	RUSSELL DR	SECOAV	010	171	20	3,420	R	AC/AC	63	62	72	\$1,330	42,052	CHIP AND CRACK SEAL	
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	67	77	\$4,298	41,661	CHIP AND CRACK SEAL	
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	68	77	\$2,884	42,738	CHIP AND CRACK SEAL	
TWELFTH AV	LAKE DR	KING SALMON PL	TWELAV	010	198	22	4,356	R	AC/AC	61	60	71	\$1,694	32,610	CHIP AND CRACK SEAL	
Treatment Total												\$62,804				
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	81	88	\$3,104	66,716	SINGLE CHIP SEAL	
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	84	91	\$2,296	64,636	SINGLE CHIP SEAL	
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDAAS	020	973	25	24,325	C	AC/AC	80	79	87	\$7,568	72,667	SINGLE CHIP SEAL	
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDAAS	030	986	25	24,650	C	AC/AC	83	83	90	\$7,669	81,075	SINGLE CHIP SEAL	
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDAAS	040	434	32	13,888	C	AC/AC	83	83	90	\$4,321	81,075	SINGLE CHIP SEAL	
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	72	81	\$1,420	56,379	SINGLE CHIP SEAL	
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	81	88	\$1,746	72,819	SINGLE CHIP SEAL	
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	77	85	\$1,376	68,754	SINGLE CHIP SEAL	
Treatment Total												\$29,500				
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	82	84	\$24	1,026,119	SEAL CRACKS	
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	81	83	\$36	666,197	SEAL CRACKS	
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	82	84	\$7	1,026,119	SEAL CRACKS	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	77	\$72	851,202	SEAL CRACKS	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

Year: 2018

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						
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANCHAV	040	1,066	22	23,452	R	AC	86	85	86	\$54	986,478	SEAL CRACKS			
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	80	82	\$66	835,986	SEAL CRACKS			
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	82	84	\$59	1,026,625	SEAL CRACKS			
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	82	84	\$28	1,026,625	SEAL CRACKS			
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	82	84	\$17	1,026,119	SEAL CRACKS			
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	88	88	\$9	1,108,115	SEAL CRACKS			
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	83	85	\$72	966,811	SEAL CRACKS			
												Treatment Total		\$444				
Year 2018 Area Total							580,727	Year 2018 Total				\$299,921						

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						
14TH ST SW	PVT DRIVE WAY (HOUSE 1675)	PINE DR SW	14THST	100	795	16	12,720	R	AC	51	47	100	\$16,014	45,691	AC OVERLAY (2.0 INCHES)			
7TH ST SE	MARLIN AVE SE	PVT PARKING LOT	7THST	010	212	36	7,632	R	AC/AC	51	47	100	\$9,608	45,389	AC OVERLAY (2.0 INCHES)			
BIRCH CT SW	3RD ST SW	2ND ST SW	BIRCCT	030	448	32	14,336	R	AC/AC	51	47	100	\$18,048	45,689	AC OVERLAY (2.0 INCHES)			
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	63	100	\$15,611	36,011	AC OVERLAY (2.0 INCHES)			
HARBOR CT NE	SKIPANON DR NE	BAY AVE NE	HARBCT	010	385	27	10,395	R	AC/AC	52	49	100	\$13,087	44,246	AC OVERLAY (2.0 INCHES)			
MARINER ST	THIRD AVE	SECOND AVE	MARIST	010	231	18	4,158	R	AC/AC	51	48	100	\$5,235	44,936	AC OVERLAY (2.0 INCHES)			
THIRD AV	MARINER ST	LAKE RD	THIRAV	020	260	18	4,680	R	AC/AC	71	69	100	\$5,892	27,511	AC OVERLAY (2.0 INCHES)			
												Treatment Total		\$83,495				
11TH ST SW	CEDAR DR SW	MAIN AVE S	11THST	010	1,120	20	22,400	R	AC	66	63	73	\$8,973	33,952	CHIP AND CRACK SEAL			
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	67	77	\$2,163	34,219	CHIP AND CRACK SEAL			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

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				
13TH ST NW	WARRENTON DR NW	E CUL-DE-SAC	13THST	110	1,441	28	40,348	R	AC/AC	63	60	71	\$16,162	30,063	CHIP AND CRACK SEAL	
1ST ST SW	ALDER ST SW	MAIN ST S	1STST	100	544	32	17,408	R	AC/AC	66	63	73	\$6,973	31,353	CHIP AND CRACK SEAL	
9TH ST SW	JADE AVE SW	JUNIPER AVE SW	9THST	030	403	26	10,478	R	AC/AC	64	61	72	\$4,198	31,735	CHIP AND CRACK SEAL	
ALDER AV SW	1ST ST SW	MAIN AVE N	ALDEAV	050	590	32	18,880	R	AC/AC	66	63	73	\$7,563	32,398	CHIP AND CRACK SEAL	
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	66	76	\$7,931	31,588	CHIP AND CRACK SEAL	
DELAURA BEACH LN	PINE DR SW	OAK AVE SW	DELALN	010	1,008	26	26,208	C	AC/AC	71	69	78	\$10,498	48,743	CHIP AND CRACK SEAL	
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRE DST	030	667	22	14,674	R	AC/AC	68	66	75	\$5,878	34,659	CHIP AND CRACK SEAL	
KING AV SE	S DEAD END	STATE RT 105	KINGAV	030	309	12	3,708	R	AC/AC	70	68	78	\$1,486	48,363	CHIP AND CRACK SEAL	
OAK AV SW	DELAURA BEACH RD	ROAD NARROWS (#1551)	OAKAVE	010	323	28	9,044	R	AC	65	62	72	\$3,623	30,918	CHIP AND CRACK SEAL	
Treatment Total												\$75,448				
2ND ST SW	JUNIPER AVE SW	GARDENIA AVE SW	2NDST	020	963	24	23,112	R	AC/AC	87	86	92	\$7,407	63,506	SINGLE CHIP SEAL	
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	78	86	\$2,814	60,587	SINGLE CHIP SEAL	
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	78	86	\$7,045	60,192	SINGLE CHIP SEAL	
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	83	90	\$1,310	55,344	SINGLE CHIP SEAL	
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	82	89	\$8,849	59,770	SINGLE CHIP SEAL	
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	80	87	\$2,276	62,683	SINGLE CHIP SEAL	
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	74	83	\$7,182	59,619	SINGLE CHIP SEAL	
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	80	87	\$6,495	62,678	SINGLE CHIP SEAL	
SEVENTH AV	DESDEMONA ST	WARRENTON/ PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	78	86	\$4,955	58,621	SINGLE CHIP SEAL	
Treatment Total												\$48,333				
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	87	88	\$23	4,266	SEAL CRACKS 186	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

													Treatment Total		\$23	
2ND ST SE	ANCHOR AVE SE	E END OF PVMT	2NDST	090	107	19	2,033	R	AC/AC	26	22	100	\$26,059	4,465	RECONSTRUCT STRUCTURE (AC)	
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	11	100	\$29,943	4,465	RECONSTRUCT STRUCTURE (AC)	
CEDAR AV NW	PVMT NARROWS	N DEAD END	CEDAAV	120	189	15	2,835	R	AC/AC	19	15	100	\$36,339	4,465	RECONSTRUCT STRUCTURE (AC)	
													Treatment Total		\$92,341	
Year 2019 Area Total							459,904		Year 2019 Total			\$299,640				

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 PL SE	MAIN AVE S	ANCHOR AVE SE	10THPL	010	387	20	7,740	R	AC/AC	53	48	100	\$10,037	43,369	AC OVERLAY (2.0 INCHES)	
13TH ST NW	W DEAD END	WARRENTON DR NW	13THST	100	445	10	4,450	R	AC/AC	53	48	100	\$5,771	43,618	AC OVERLAY (2.0 INCHES)	
1ST ST SE	MAIN AVE S	ANCHOR AVE SE	1STST	150	143	48	6,864	R	AC/AC	53	48	100	\$8,901	43,222	AC OVERLAY (2.0 INCHES)	
ANCHOR AV SE	3RD ST SE	1ST ST SE	ANCHAV	070	912	20	18,240	R	AC/AC	53	48	100	\$23,651	43,222	AC OVERLAY (2.0 INCHES)	
NINTH AV	RIDGE RD	KING SALMON ST	NINTHAV	020	347	24	8,328	R	AC/AC	54	49	100	\$10,799	43,674	AC OVERLAY (2.0 INCHES)	
													Treatment Total		\$59,159	
10TH ST SE	MARLIN FRONTAGE RD	MARLIN AVE	10THST	010	111	24	2,664	R	AC/AC	73	69	78	\$1,100	31,587	CHIP AND CRACK SEAL	
9TH ST SW	RIDGE RD SW	KALMIA AVE SW (S. INT.)	9THST	010	999	26	25,974	R	AC/AC	72	68	77	\$10,717	31,997	CHIP AND CRACK SEAL	
9TH ST SE	MAIN AVE S	ANCHOR AVE SE	9THSTS	010	364	20	7,280	R	AC/AC	73	68	77	\$3,004	28,410	CHIP AND CRACK SEAL	
ANCHOR AV SE	13TH ST SE	PVMT CHANGE (#1182)	ANCHAV	030	365	18	6,570	R	AC	73	69	78	\$2,711	36,041	CHIP AND CRACK SEAL	
BIRCH AV NW	HARBOR ST W	1ST ST NW	BIRCAV	020	444	22	9,768	R	AC/AC	73	69	78	\$4,031	34,415	CHIP AND CRACK SEAL	
FLEET ST	SEVENTH CT	SEVENTH AVE	FLEEST	010	149	18	2,682	R	AC/AC	73	69	78	\$1,107	34,499	CHIP AND CRACK SEAL	
HECETA ST	PACIFIC DR	POINT TRIUMPH LP	HECEST	030	267	28	7,476	R	AC/AC	72	69	78	\$3,085	47,797	CHIP AND CRACK SEAL	
PACIFIC DR	RUSSELL DR	PVMT NARROWS W OF 7TH ST	PACIDR	010	665	24	15,960	R	AC/AC	72	68	77	\$6,585	34,261	CHIP AND CRACK SEAL	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

											Treatment Total			\$32,340	
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	77	85	\$9,288	56,864	SINGLE CHIP SEAL
2ND ST SW	CEDAR AVE SW	ALDER CT SW	2NDST	050	845	32	27,040	R	AC/AC	87	85	92	\$8,925	57,133	SINGLE CHIP SEAL
2ND ST SW	ALDER CT SW	MAIN CT SW	2NDST	060	567	32	18,144	R	AC/AC	87	85	92	\$5,989	57,133	SINGLE CHIP SEAL
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	74	83	\$2,377	56,263	SINGLE CHIP SEAL
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	79	87	\$8,637	56,383	SINGLE CHIP SEAL
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	73	82	\$2,333	54,352	SINGLE CHIP SEAL
											Treatment Total			\$37,549	
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	88	89	\$1	12,500,422	SEAL CRACKS
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	88	89	\$1	228,309,580	SEAL CRACKS
											Treatment Total			\$2	
FLEET ST	PACIFIC DR	N DEAD END (PARKING LOT)	FLEEST	030	164	20	3,280	R	AC/AC	2	0	100	\$43,304	4,335	RECONSTRUCT STRUCTURE (AC)
SKIPANON DR	MAIN AVE N	HARBOR PL NE	SKIPDR	010	284	32	9,088	C	AC/AC	29	19	100	\$127,482	4,674	RECONSTRUCT STRUCTURE (AC)
											Treatment Total			\$170,786	
Year 2020 Area Total							280,197		Year 2020 Total			\$299,836			

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			
CEDAR AV SW	9TH ST SW	7TH ST SW	CEDAAV	010	581	22	12,782	C	AC	60	48	100	\$34,143	24,552	AC OVERLAY (4.0 INCHES)
											Treatment Total			\$34,143	
9TH ST SW	KALMIA AVE SW (S. INT.)	JADE AVE SW	9THST	020	809	26	21,034	R	AC/AC	57	49	100	\$28,093	42,242	AC OVERLAY (2.0 INCHES)
BIRCH CT NW	HARBOR ST W	1ST ST NW	BIRCCT	020	406	34	13,804	R	AC/AC	54	48	100	\$18,437	42,195	AC OVERLAY (2.0 INCHES)
JETTY ST	FIFTH AVE	FOURTH AVE	JETTST	030	275	18	4,950	R	AC	56	49	100	\$6,611	42,314	AC OVERLAY (2.0 INCHES)
JETTY AV SE	S DEAD END	STATE RT 105	JWSTSE	010	755	20	15,100	R	AC/AC	56	49	100	\$20,167	42,269	AC OVERLAY (2.0 INCHES)
KING SALMON PL	TWELFTH AVE	NINTH AVE	KINGPL	010	956	24	22,944	R	AC/AC	56	49	100	\$30,643	41,735	AC OVERLAY (2.0 INCHES)

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

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			
LAKE RD SPUR	LAKE DRIVE/THIRD AVE	SECOND AVE	LAKEDR	020	216	16	3,456	R	AC/AC	55	49	100	\$4,616	41,927	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$108,567		
10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	10THPL	030	148	20	2,960	R	AC	74	69	78	\$1,258	33,308	CHIP AND CRACK SEAL
11TH ST SE	MARLIN AVE	E DEAD END (GATE)	11THST	100	529	20	10,580	R	AC/AC	76	69	78	\$4,496	26,902	CHIP AND CRACK SEAL
ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	ANCHAV	010	250	34	8,500	R	AC/AC	74	69	78	\$3,613	33,424	CHIP AND CRACK SEAL
DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	DOLPAV	040	2,301	26	59,826	R	AC/AC	75	69	78	\$25,424	29,453	CHIP AND CRACK SEAL
NAUTICAL DR	NINTH AVE	END OF LOOP	NAUTDR	010	1,647	20	32,940	R	AC/AC	74	69	78	\$13,998	36,677	CHIP AND CRACK SEAL
												Treatment Total	\$48,789		
FIFTH AV	IREDALE ST	HECETA PL	FIFTAV	030	514	18	9,252	R	AC/AC	84	81	88	\$3,146	54,239	SINGLE CHIP SEAL
JUNIPER AV SW	9TH ST SW	BEGINING OF CURB (#702)	JUNIAV	020	1,295	30	38,850	R	AC/AC	87	84	91	\$13,208	54,005	SINGLE CHIP SEAL
NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	NEPTDR	010	630	42	26,460	C	AC/AC	80	74	83	\$8,996	53,471	SINGLE CHIP SEAL
NEPTUNE AVE NE	BUS SHELTER	HWY 101	NEPTDR	020	563	56	31,528	C	AC/AC	80	74	83	\$10,719	53,471	SINGLE CHIP SEAL
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	85	92	\$1,515	43,975	SINGLE CHIP SEAL
SEVENTH AV	RUSSEL DR	QUINATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	76	84	\$3,399	53,093	SINGLE CHIP SEAL
												Treatment Total	\$40,983		
1ST ST NW	GARDENIA AVE NW	200 FT E OF ELM ST (#495)	1STST	010	815	36	29,340	C	AC/AC	92	85	86	\$55	1,348,936	SEAL CRACKS
1ST ST SW	GARDENIA AVE SW	ELM AVE SW	1STST	050	604	32	19,328	R	AC/AC	94	87	88	\$15	2,198,317	SEAL CRACKS
1ST PL SW	GARDENIA AVE SW	ELM AVE SW	1STST	070	609	28	17,052	R	AC/AC	94	87	88	\$13	2,198,317	SEAL CRACKS
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	87	88	\$7	1,995,846	SEAL CRACKS
2ND ST SE	KING AVE SE	MARLIN AVE SE	2NDST	110	937	16	14,992	R	AC/AC	94	87	88	\$13	2,002,088	SEAL CRACKS
3RD ST SW	MAIN CT SW	MAIN AVE N	3RDST	040	267	42	11,214	R	AC/AC	94	87	88	\$9	2,196,288	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

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 SE	W DEAD END	MARLIN AVE	6THST	010	203	40	8,120	R	AC/AC	94	87	88	\$7	2,156,852	SEAL CRACKS	
BIRCH CT SW	1ST ST SW	HARBOR ST W BIRCCT		010	498	34	16,932	R	AC/AC	94	87	88	\$13	2,241,977	SEAL CRACKS	
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	87	88	\$7	1,991,205	SEAL CRACKS	
ELM AV NW	2ND ST SW	1ST ST NW	ELMAVE	010	1,339	36	48,204	R	AC/AC	94	87	88	\$36	2,198,317	SEAL CRACKS	
GARDENIA AV SW	2ND ST SW	HARBOR ST W	GARDAV	010	1,067	28	29,876	R	AC/AC	94	87	88	\$22	2,241,977	SEAL CRACKS	
GARDENIA AV NW	HARBOR ST W	N DEAD END	GARDAV	020	353	28	9,884	R	AC/AC	94	87	88	\$8	2,241,977	SEAL CRACKS	
HARBOR PL SW	GARDENIA AVE SW	ELM AVE SW	HARBPL	040	601	32	19,232	R	AC/AC	94	87	88	\$14	2,241,977	SEAL CRACKS	
HARBOR ST W	GARDENIA AVE NW	ELM AV NW	HARBST	010	594	32	19,008	R	AC/AC	94	87	88	\$14	2,198,317	SEAL CRACKS	
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	87	88	\$15	2,164,562	SEAL CRACKS	
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	87	88	\$8	2,164,562	SEAL CRACKS	
KING AV NE	HARBOR DR NE	N DEAD END	KINGAV	020	174	18	3,132	R	AC/AC	94	87	88	\$3	2,156,852	SEAL CRACKS	
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	87	88	\$15	2,160,698	SEAL CRACKS	
WESTWIND CIR	PACIFIC RIDGE LN	S CUL-DE-SAC	WEWICI	010	402	25	10,050	R	AC/AC	94	87	88	\$8	2,160,698	SEAL CRACKS	
												Treatment Total		\$282		
7TH AV SW	CEDAR AVE SW	E DEAD END	7THAVE	010	164	30	4,920	R	AC/AC	30	21	100	\$66,905	4,209	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$66,905		
Year 2021 Area Total							657,350		Year 2021 Total		\$299,669					

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			
1ST ST NW	200 FT E OF ELM ST (# 495)	DATE AVE NW	1STST	020	727	36	26,172	C	AC/AC	58	47	100	\$72,006	23,404	AC OVERLAY (4.0 INCHES)

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

										Treatment Total			\$72,006		
SECOND AV	MARINER ST	LAKE DR SPUR	SECOAV	020	251	15	3,765	R	AC/AC	56	48	100	\$5,180	40,845	AC OVERLAY (2.0 INCHES)
										Treatment Total			\$5,180		
CEDAR DR SW	S CUL-DE-SAC	ADDRESS #1065	CEDADR	010	1,117	22	24,574	R	AC	76	69	78	\$10,756	29,968	CHIP AND CRACK SEAL
PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	PEACWY	005	105	95	9,975	R	AC/AC	74	68	78	\$4,367	38,183	CHIP AND CRACK SEAL
										Treatment Total			\$15,123		
2ND ST SW	MAIN CT SW	MAIN AVE S	2NDST	070	248	44	10,912	R	AC/AC	81	75	84	\$3,821	44,900	SINGLE CHIP SEAL
CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	CHBEAV	010	549	25	13,725	R	AC/AC	83	78	86	\$4,806	48,651	SINGLE CHIP SEAL
HEBE CT SE	SALAL LP SE	CUL-DE-SAC	HEBECT	010	350	28	9,800	R	AC/AC	83	78	86	\$3,432	51,146	SINGLE CHIP SEAL
SALAL LP SE	WILLOW RD SE	WILLOW RD SE	SAPLSE	010	927	28	25,956	R	AC/AC	83	78	86	\$9,089	48,651	SINGLE CHIP SEAL
SEVENTH AV	FLEET ST	DESDEMONA ST	SEVEAV	030	1,319	18	23,742	R	AC/AC	77	72	80	\$8,314	48,944	SINGLE CHIP SEAL
SIXTH AV	IREDALE ST	150FT W OF HECETA PL	SIXTAV	030	332	32	10,624	R	AC/AC	83	78	86	\$3,721	48,651	SINGLE CHIP SEAL
SIXTH AV	150FT W OF HECETA PL	HECETA ST	SIXTAV	040	465	20	9,300	R	AC/AC	83	78	86	\$3,257	48,651	SINGLE CHIP SEAL
TYEE ST	3RD AVE	1ST AVE	TYEEST	010	640	20	12,800	R	AC/AC	80	75	83	\$4,483	49,447	SINGLE CHIP SEAL
										Treatment Total			\$40,923		
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	87	88	\$6	1,943, 775	SEAL CRACKS
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	87	88	\$3	1,943, 775	SEAL CRACKS
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	85	86	\$28	1,282, 828	SEAL CRACKS
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	87	88	\$8	1,943, 775	SEAL CRACKS
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	87	88	\$29	1,943, 775	SEAL CRACKS
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	87	88	\$14	1,943, 775	SEAL CRACKS
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	87	88	\$5	5,071, 695	SEAL CRACKS
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDAAV	020	973	25	24,325	C	AC/AC	80	82	84	\$70	1,550, 384	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

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			
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDAAV	030	986	25	24,650	C	AC/AC	83	86	87	\$34	2,887,682	SEAL CRACKS
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDAAV	040	434	32	13,888	C	AC/AC	83	86	87	\$20	2,887,682	SEAL CRACKS
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	87	88	\$7	1,943,775	SEAL CRACKS
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	70	72	\$92	764,874	SEAL CRACKS
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	71	74	\$153	965,350	SEAL CRACKS
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	71	74	\$32	781,172	SEAL CRACKS
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	77	79	\$21	954,544	SEAL CRACKS
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	87	88	\$10	1,943,775	SEAL CRACKS
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	87	88	\$5	1,943,775	SEAL CRACKS
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	85	86	\$10	2,287,604	SEAL CRACKS
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	74	76	\$39	862,219	SEAL CRACKS
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	87	88	\$4	1,943,775	SEAL CRACKS
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	87	88	\$2	1,943,775	SEAL CRACKS
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	87	88	\$43	1,943,775	SEAL CRACKS
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	72	75	\$110	782,931	SEAL CRACKS
QUINNATT PL	S DEAD END	SEVENTH AVE	QUINPL	010	376	20	7,520	R	AC/AC	69	72	75	\$41	808,479	SEAL CRACKS
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	71	73	\$72	938,009	SEAL CRACKS
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	81	83	\$15	1,384,132	SEAL CRACKS
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	72	74	\$61	845,392	SEAL CRACKS
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	87	88	\$11	1,943,775	SEAL CRACKS
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	87	88	\$7	1,943,775	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (2) Current Funding (\$300k/Yr)

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			
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	70	73	\$42	837,780	SEAL CRACKS
												Treatment Total	\$994		
1ST ST SW	CEDAR AVE SW	BIRCH CT SW	1STST	080	276	27	7,452	R	AC/AC	31	20	100	\$104,376	4,086	RECONSTRUCT STRUCTURE (AC)
8TH ST SW	W DEAD END	MAIN AVE S	8THSTS	020	138	12	1,656	R	AC/AC	34	23	100	\$23,195	4,086	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	PVMT NARROWS	N DEAD END	CEDACT	030	180	15	2,700	R	AC/AC	31	20	100	\$37,818	4,086	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$165,389		
Year 2022 Area Total							572,727	Year 2022 Total		\$299,615					
Total Section Area:							2,550,905	Grand Total		\$1,498,681					

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$550,000	10%	2020	\$550,000	10%	2022	\$550,000	10%
2019	\$550,000	10%	2021	\$550,000	10%			

Year: 2018

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			
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	42	100	\$219,328	37,927	AC OVERLAY (4.0 INCHES)
												Treatment Total	\$219,328		
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	43	100	\$8,128	48,181	AC OVERLAY (2.0 INCHES)
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	43	100	\$3,623	48,504	AC OVERLAY (2.0 INCHES)
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	49	100	\$10,389	45,639	AC OVERLAY (2.0 INCHES)
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	43	100	\$41,057	48,291	AC OVERLAY (2.0 INCHES)
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	48	100	\$19,580	46,269	AC OVERLAY (2.0 INCHES)
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	49	100	\$9,900	46,655	AC OVERLAY (2.0 INCHES)
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	42	100	\$14,256	48,289	AC OVERLAY (2.0 INCHES)
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	43	100	\$6,468	48,183	AC OVERLAY (2.0 INCHES)
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	41	100	\$4,909	48,613	AC OVERLAY (2.0 INCHES)
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	40	100	\$2,680	48,937	AC OVERLAY (2.0 INCHES)
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	48	100	\$61,640	46,272	AC OVERLAY (2.0 INCHES)
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	45	100	\$14,550	47,440	AC OVERLAY (2.0 INCHES)
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	41	100	\$9,993	48,613	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$207,173		
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	65	75	\$5,955	39,987	CHIP AND CRACK SEAL
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	68	77	\$10,759	48,400	CHIP AND CRACK SEAL
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	67	77	\$2,244	38,872	CHIP AND CRACK SEAL
GRAY ST	PACIFIC DR	FIFTH AVE	GRAYST	020	288	18	5,184	R	AC/AC	66	65	75	\$2,016	35,884	CHIP AND CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

Year: 2018

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				
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IREDDST	030	667	22	14,674	R	AC/AC	68	67	77	\$5,707	36,134	CHIP AND CRACK SEAL	
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	69	78	\$2,898	42,204	CHIP AND CRACK SEAL	
LAKE RD	PACIFIC DR	BEGIIN MARINA PARKING LOT	LAKEDR	010	1,386	24	33,264	C	AC/AC	65	64	74	\$12,936	47,753	CHIP AND CRACK SEAL	
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	68	77	\$7,895	38,925	CHIP AND CRACK SEAL	
QUINNATT PL	S DEAD END	SEVENTH AV E	QUINPL	010	376	20	7,520	R	AC/AC	69	68	78	\$2,925	39,974	CHIP AND CRACK SEAL	
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	65	75	\$4,970	45,362	CHIP AND CRACK SEAL	
SECOND AV	BEGINING OF PVMT	RUSSELL DR	SECOAV	010	171	20	3,420	R	AC/AC	63	62	72	\$1,330	42,052	CHIP AND CRACK SEAL	
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	67	77	\$4,298	41,661	CHIP AND CRACK SEAL	
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	68	77	\$2,884	42,738	CHIP AND CRACK SEAL	
Treatment Total												\$66,817				
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	81	88	\$3,104	66,716	SINGLE CHIP SEAL	
2ND ST SW	JUNIPER AVE SW	GARDENIA AVE SW	2NDST	020	963	24	23,112	R	AC/AC	87	87	93	\$7,191	63,151	SINGLE CHIP SEAL	
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	77	85	\$2,240	60,460	SINGLE CHIP SEAL	
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	79	86	\$2,732	62,411	SINGLE CHIP SEAL	
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	84	91	\$2,296	64,636	SINGLE CHIP SEAL	
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDAAV	020	973	25	24,325	C	AC/AC	80	79	87	\$7,568	72,667	SINGLE CHIP SEAL	
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDAAV	030	986	25	24,650	C	AC/AC	83	83	90	\$7,669	81,075	SINGLE CHIP SEAL	
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDAAV	040	434	32	13,888	C	AC/AC	83	83	90	\$4,321	81,075	SINGLE CHIP SEAL	
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	81	88	\$1,746	72,819	SINGLE CHIP SEAL	
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	81	88	\$2,210	64,176	SINGLE CHIP SEAL	
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	76	84	\$6,972	61,958	SINGLE CHIP SEAL	

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

Year: 2018

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				
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	81	88	\$6,306	64,172	SINGLE CHIP SEAL	
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	77	85	\$1,376	68,754	SINGLE CHIP SEAL	
Treatment Total												\$55,731				
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	82	84	\$24	1,026,119	SEAL CRACKS	
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	81	83	\$36	666,197	SEAL CRACKS	
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	82	84	\$7	1,026,119	SEAL CRACKS	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	77	\$72	851,202	SEAL CRACKS	
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANCHAV	040	1,066	22	23,452	R	AC	86	85	86	\$54	986,478	SEAL CRACKS	
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	80	82	\$66	835,986	SEAL CRACKS	
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	82	84	\$59	1,026,625	SEAL CRACKS	
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	82	84	\$28	1,026,625	SEAL CRACKS	
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	82	84	\$17	1,026,119	SEAL CRACKS	
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	88	88	\$9	1,108,115	SEAL CRACKS	
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	83	85	\$72	966,811	SEAL CRACKS	
Treatment Total												\$444				
Year 2018 Area Total							765,077	Year 2018 Total				\$549,493				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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				
14TH ST SW	PVT DRIVE WAY (HOUSE 1675)	PINE DR SW	14THST	100	795	16	12,720	R	AC	51	47	100	\$16,014	45,691	AC OVERLAY (2.0 INCHES)	
7TH ST SE	MARLIN AVE SE	PVT PARKING LOT	7THST	010	212	36	7,632	R	AC/AC	51	47	100	\$9,608	45,389	AC OVERLAY (2.0 INCHES)	
BIRCH CT SW	3RD ST SW	2ND ST SW	BIRCCT	030	448	32	14,336	R	AC/AC	51	47	100	\$18,048	45,689	AC OVERLAY (2.0 INCHES)	
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	63	100	\$15,611	36,011	AC OVERLAY (2.0 INCHES)	
HARBOR CT NE	SKIPANON DR NE	BAY AVE NE	HARBCT	010	385	27	10,395	R	AC/AC	52	49	100	\$13,087	44,246	AC OVERLAY (2.0 INCHES)	
MARINER ST	THIRD AVE	SECOND AVE	MARIST	010	231	18	4,158	R	AC/AC	51	48	100	\$5,235	44,936	AC OVERLAY (2.0 INCHES)	
THIRD AV	MARINER ST	LAKE RD	THIRAV	020	260	18	4,680	R	AC/AC	71	69	100	\$5,892	27,511	AC OVERLAY (2.0 INCHES)	
Treatment Total												\$83,495				
11TH ST SW	CEDAR DR SW	MAIN AVE S	11THST	010	1,120	20	22,400	R	AC	66	63	73	\$8,973	33,952	CHIP AND CRACK SEAL	
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	67	77	\$2,163	34,219	CHIP AND CRACK SEAL	
13TH ST NW	WARRENTON DR NW	E CUL-DE-SAC	13THST	110	1,441	28	40,348	R	AC/AC	63	60	71	\$16,162	30,063	CHIP AND CRACK SEAL	
1ST ST SW	ALDER ST SW	MAIN ST S	1STST	100	544	32	17,408	R	AC/AC	66	63	73	\$6,973	31,353	CHIP AND CRACK SEAL	
9TH ST SW	JADE AVE SW	JUNIPER AVE SW	9THST	030	403	26	10,478	R	AC/AC	64	61	72	\$4,198	31,735	CHIP AND CRACK SEAL	
ALDER AV SW	1ST ST SW	MAIN AVE N	ALDEAV	050	590	32	18,880	R	AC/AC	66	63	73	\$7,563	32,398	CHIP AND CRACK SEAL	
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	66	76	\$7,931	31,588	CHIP AND CRACK SEAL	
DELAURA BEACH LN	PINE DR SW	OAK AVE SW	DELALN	010	1,008	26	26,208	C	AC/AC	71	69	78	\$10,498	48,743	CHIP AND CRACK SEAL	
KING AV SE	S DEAD END	STATE RT 105	KINGAV	030	309	12	3,708	R	AC/AC	70	68	78	\$1,486	48,363	CHIP AND CRACK SEAL	
OAK AV SW	DELAURA BEACH RD	ROAD NARROWS (#1551)	OAKAVE	010	323	28	9,044	R	AC	65	62	72	\$3,623	30,918	CHIP AND CRACK SEAL	
Treatment Total												\$69,570				
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	79	86	\$9,018	58,483	SINGLE CHIP SEAL	
2ND ST SW	CEDAR AVE SW	ALDER CT SW	2NDST	050	845	32	27,040	R	AC/AC	87	86	92	\$8,665	56,702	SINGLE CHIP SEAL	
2ND ST SW	ALDER CT SW	MAIN CT SW	2NDST	060	567	32	18,144	R	AC/AC	87	86	92	\$5,815	56,702	SINGLE CHIP SEAL	
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	78	86	\$7,045	60,192	SINGLE CHIP SEAL	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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			
FIFTH AV	IREDALE ST	HECETA PL	FIFTAV	030	514	18	9,252	R	AC/AC	84	83	90	\$2,965	55,344	SINGLE CHIP SEAL
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	83	90	\$1,310	55,344	SINGLE CHIP SEAL
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	81	88	\$8,385	57,776	SINGLE CHIP SEAL
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	82	89	\$8,849	59,770	SINGLE CHIP SEAL
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	74	83	\$2,265	56,504	SINGLE CHIP SEAL
SEVENTH AV	RUSSEL DR	QUINATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	78	86	\$3,204	56,184	SINGLE CHIP SEAL
SEVENTH AV	DESDEMONA ST	WARRENTON/PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	78	86	\$4,955	58,621	SINGLE CHIP SEAL
Treatment Total												\$62,476			
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	87	88	\$23	4,266,186	SEAL CRACKS
Treatment Total												\$23			
1ST ST NW	BIRCH CT NW	MAIN AV N	1STST	040	628	36	22,608	C	AC/AC	15	8	100	\$307,896	4,814	RECONSTRUCT STRUCTURE (AC)
2ND ST SE	ANCHOR AVE SE	E END OF PVMT	2NDST	090	107	19	2,033	R	AC/AC	26	22	100	\$26,059	4,465	RECONSTRUCT STRUCTURE (AC)
Treatment Total												\$333,955			
Year 2019 Area Total							506,802	Year 2019 Total		\$549,519					

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 PL SE	MAIN AVE S	ANCHOR AVE SE	10THPL	010	387	20	7,740	R	AC/AC	53	48	100	\$10,037	43,369	AC OVERLAY (2.0 INCHES)
13TH ST NW	W DEAD END	WARRENTON DR NW	13THST	100	445	10	4,450	R	AC/AC	53	48	100	\$5,771	43,618	AC OVERLAY (2.0 INCHES)
1ST ST SE	MAIN AVE S	ANCHOR AVE SE	1STST	150	143	48	6,864	R	AC/AC	53	48	100	\$8,901	43,222	AC OVERLAY (2.0 INCHES)
ANCHOR AV SE	3RD ST SE	1ST ST SE	ANCHAV	070	912	20	18,240	R	AC/AC	53	48	100	\$23,651	43,222	AC OVERLAY (2.0 INCHES)
NINTH AV	RIDGE RD	KING SALMON ST	NINTHAV	020	347	24	8,328	R	AC/AC	54	49	100	\$10,799	43,674	AC OVERLAY (2.0 INCHES)
Treatment Total												\$59,159			

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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 SE	MARLIN FRONTAGE RD	MARLIN AVE	10THST	010	111	24	2,664	R	AC/AC	73	69	78	\$1,100	31,587	CHIP AND CRACK SEAL		
9TH ST SW	RIDGE RD SW	KALMIA AVE SW (S. INT.)	9THST	010	999	26	25,974	R	AC/AC	72	68	77	\$10,717	31,997	CHIP AND CRACK SEAL		
9TH ST SE	MAIN AVE S	ANCHOR AVE SE	9THSTS	010	364	20	7,280	R	AC/AC	73	68	77	\$3,004	28,410	CHIP AND CRACK SEAL		
ANCHOR AV SE	13TH ST SE	PVMT CHANGE (#1182)	ANCHAV	030	365	18	6,570	R	AC	73	69	78	\$2,711	36,041	CHIP AND CRACK SEAL		
BIRCH AV NW	HARBOR ST W	1ST ST NW	BIRCAV	020	444	22	9,768	R	AC/AC	73	69	78	\$4,031	34,415	CHIP AND CRACK SEAL		
FLEET ST	SEVENTH CT	SEVENTH AVE	FLEEST	010	149	18	2,682	R	AC/AC	73	69	78	\$1,107	34,499	CHIP AND CRACK SEAL		
HECETA ST	PACIFIC DR	POINT TRIUMPH LP	HECEST	030	267	28	7,476	R	AC/AC	72	69	78	\$3,085	47,797	CHIP AND CRACK SEAL		
PACIFIC DR	RUSSELL DR	PVMT NARROWS W OF 7TH ST	PACIDR	010	665	24	15,960	R	AC/AC	72	68	77	\$6,585	34,261	CHIP AND CRACK SEAL		
												Treatment Total	\$32,340				
10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	10THPL	030	148	20	2,960	R	AC	74	70	79	\$977	43,544	SINGLE CHIP SEAL		
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	81	88	\$799	39,192	SINGLE CHIP SEAL		
CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	CHBEAV	010	549	25	13,725	R	AC/AC	83	80	88	\$4,531	50,296	SINGLE CHIP SEAL		
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	70	79	\$1,507	51,759	SINGLE CHIP SEAL		
HEBE CT SE	SALAL LP SE	CUL-DE-SAC	HEBECT	010	350	28	9,800	R	AC/AC	83	80	88	\$3,235	53,130	SINGLE CHIP SEAL		
JUNIPER AV SW	9TH ST SW	BEGINING OF CURB (#702)	JUNIAV	020	1,295	30	38,850	R	AC/AC	87	85	91	\$12,823	53,786	SINGLE CHIP SEAL		
NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	NEPTDR	010	630	42	26,460	C	AC/AC	80	76	84	\$8,734	54,920	SINGLE CHIP SEAL		
NEPTUNE AVE NE	BUS SHELTER	HWY 101	NEPTDR	020	563	56	31,528	C	AC/AC	80	76	84	\$10,407	54,920	SINGLE CHIP SEAL		
PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	PEACWY	005	105	95	9,975	R	AC/AC	74	71	80	\$3,293	52,175	SINGLE CHIP SEAL		
SALAL LP SE	WILLOW RD SE	WILLOW RD SE	SAPLSE	010	927	28	25,956	R	AC/AC	83	80	88	\$8,567	50,296	SINGLE CHIP SEAL		
SEVENTH AV	FLEET ST	DESDEMONA ST	SEVEAV	030	1,319	18	23,742	R	AC/AC	77	74	83	\$7,837	52,930	SINGLE CHIP SEAL		
SIXTH AV	IREDALE ST	150FT W OF HECETA PL	SIXTAV	030	332	32	10,624	R	AC/AC	83	80	88	\$3,507	50,296	SINGLE CHIP SEAL		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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					
SKIPANON DR	PACIFIC SEAFOODS DR	5TH ST NE	SKIPDR	040	715	24	17,160	C	AC/AC	80	76	84	\$5,664	50,880	SINGLE CHIP SEAL		
TYEE ST	3RD AVE	1ST AVE	TYEEST	010	640	20	12,800	R	AC/AC	80	77	85	\$4,225	52,545	SINGLE CHIP SEAL		
												Treatment Total		\$76,106			
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	88	89	\$1	12,500,422	SEAL CRACKS		
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	88	89	\$1	228,309,580	SEAL CRACKS		
												Treatment Total		\$2			
2ND ST SE	MAIN AVE S	ANCHOR AVE SE	2NDST	080	249	37	9,213	R	AC/AC	17	10	100	\$121,633	4,335	RECONSTRUCT STRUCTURE (AC)		
4TH ST NW	BIRCH CT NW	MAIN AVE N	4THST	020	215	36	7,740	R	AC/AC	17	10	100	\$102,186	4,335	RECONSTRUCT STRUCTURE (AC)		
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	8	100	\$30,841	4,335	RECONSTRUCT STRUCTURE (AC)		
SKIPANON DR	MAIN AVE N	HARBOR PL NE	SKIPDR	010	284	32	9,088	C	AC/AC	29	19	100	\$127,482	4,674	RECONSTRUCT STRUCTURE (AC)		
												Treatment Total		\$382,142			
							Year 2020 Area Total	413,012				Year 2020 Total	\$549,749				

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					
CEDAR AV SW	9TH ST SW	7TH ST SW	CEDAAV	010	581	22	12,782	C	AC	60	48	100	\$34,143	24,552	AC OVERLAY (4.0 INCHES)		
												Treatment Total		\$34,143			
9TH ST SW	KALMIA AVE SW (S. INT.)	JADE AVE SW	9THST	020	809	26	21,034	R	AC/AC	57	49	100	\$28,093	42,242	AC OVERLAY (2.0 INCHES)		
BIRCH CT NW	HARBOR ST W	1ST ST NW	BIRCCT	020	406	34	13,804	R	AC/AC	54	48	100	\$18,437	42,195	AC OVERLAY (2.0 INCHES)		
JETTY ST	FIFTH AVE	FOURTH AVE	JETTST	030	275	18	4,950	R	AC	56	49	100	\$6,611	42,314	AC OVERLAY (2.0 INCHES)		
JETTY AV SE	S DEAD END	STATE RT 105	JWSTSE	010	755	20	15,100	R	AC/AC	56	49	100	\$20,167	42,269	AC OVERLAY (2.0 INCHES)		
KING SALMON PL	TWELFTH AVE	NINTH AVE	KINGPL	010	956	24	22,944	R	AC/AC	56	49	100	\$30,643	41,735	AC OVERLAY (2.0 INCHES)		
LAKE RD SPUR	LAKE DRIVE/THIRD AVE	SECOND AVE	LAKEDR	020	216	16	3,456	R	AC/AC	55	49	100	\$4,616	41,927	AC OVERLAY (2.0 INCHES)		

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

											Treatment Total			\$108,567		
11TH ST SE	MARLIN AVE	E DEAD END (GATE)	11THST	100	529	20	10,580	R	AC/AC	76	69	78	\$4,496	26,902	CHIP AND CRACK SEAL	
ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	ANCHAV	010	250	34	8,500	R	AC/AC	74	69	78	\$3,613	33,424	CHIP AND CRACK SEAL	
DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	DOLPAV	040	2,301	26	59,826	R	AC/AC	75	69	78	\$25,424	29,453	CHIP AND CRACK SEAL	
NAUTICAL DR	NINTH AVE	END OF LOOP	NAUTDR	010	1,647	20	32,940	R	AC/AC	74	69	78	\$13,998	36,677	CHIP AND CRACK SEAL	
											Treatment Total			\$47,531		
14TH ST SE	MAIN AVE S	E DEAD END	14THST	050	413	20	8,260	R	AC	76	71	80	\$2,809	44,828	SINGLE CHIP SEAL	
2ND ST SW	MAIN CT SW	MAIN AVE S	2NDST	070	248	44	10,912	R	AC/AC	81	77	85	\$3,710	46,020	SINGLE CHIP SEAL	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	73	82	\$5,584	42,389	SINGLE CHIP SEAL	
AZALEA AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	AZAVSE	010	342	25	8,550	R	AC/AC	80	75	84	\$2,907	44,320	SINGLE CHIP SEAL	
DATE AV NW	WARRENTON DR	232' N. OF WARRENTON DR (BEGIN PVT DRIVE)	DATEAV	040	232	34	7,888	R	AC/AC	77	72	81	\$2,682	41,765	SINGLE CHIP SEAL	
HONEYSUCKLE LP SE	WILLOW DR SE	WILLOW DR SE	HOSULP	010	1,644	28	46,032	R	AC/AC	80	76	84	\$15,650	48,962	SINGLE CHIP SEAL	
HUCKLEBERRY AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	HUBEAV	010	399	25	9,975	R	AC/AC	80	75	84	\$3,392	44,320	SINGLE CHIP SEAL	
JADE AV SW	9TH ST SW	N CUL-DE-SAC	JADEAV	010	406	30	12,180	R	AC/AC	83	78	86	\$4,141	40,894	SINGLE CHIP SEAL	
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	85	92	\$1,515	43,975	SINGLE CHIP SEAL	
SEVENTH AV	QUINATT PL	PACIFIC DR	SEVEAV	009	756	25	18,900	R	AC/AC	77	72	81	\$6,426	45,702	SINGLE CHIP SEAL	
SIXTH AV	150FT W OF HECETA PL	HECETA ST	SIXTAV	040	465	20	9,300	R	AC/AC	83	79	87	\$3,162	49,596	SINGLE CHIP SEAL	
WILLOW DR SE	HONEYSUCKLE LP SE (W INT)	STATE RT 105	WILLDR	020	1,530	36	55,080	R	AC/AC	83	79	87	\$18,725	49,596	SINGLE CHIP SEAL	
WILLOW DR SE	SALAL LP SE (W INT)	HONEYSUCKLE LP SE (W INT)	WILLDR	030	1,159	32	37,088	R	AC/AC	83	79	87	\$12,609	49,596	SINGLE CHIP SEAL	
											Treatment Total			\$83,312		
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	86	87	\$100	2,619,414	SEAL CRACKS	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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			
1ST ST NW	GARDENIA AVE NW	200 FT E OF ELM ST (#495)	1STST	010	815	36	29,340	C	AC/AC	92	85	86	\$55	1,348,936	SEAL CRACKS
1ST ST SW	GARDENIA AVE SW	ELM AVE SW	1STST	050	604	32	19,328	R	AC/AC	94	87	88	\$15	2,198,317	SEAL CRACKS
1ST PL SW	GARDENIA AVE SW	ELM AVE SW	1STST	070	609	28	17,052	R	AC/AC	94	87	88	\$13	2,198,317	SEAL CRACKS
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	87	88	\$7	1,995,846	SEAL CRACKS
2ND ST SE	KING AVE SE	MARLIN AVE SE	2NDST	110	937	16	14,992	R	AC/AC	94	87	88	\$13	2,002,088	SEAL CRACKS
3RD ST SW	MAIN CT SW	MAIN AVE N	3RDST	040	267	42	11,214	R	AC/AC	94	87	88	\$9	2,196,288	SEAL CRACKS
6TH ST SE	W DEAD END	MARLIN AVE	6THST	010	203	40	8,120	R	AC/AC	94	87	88	\$7	2,156,852	SEAL CRACKS
BIRCH CT SW	1ST ST SW	HARBOR ST W	BIRCCT	010	498	34	16,932	R	AC/AC	94	87	88	\$13	2,241,977	SEAL CRACKS
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	87	88	\$7	1,991,205	SEAL CRACKS
ELM AV NW	2ND ST SW	1ST ST NW	ELMAVE	010	1,339	36	48,204	R	AC/AC	94	87	88	\$36	2,198,317	SEAL CRACKS
GARDENIA AV SW	2ND ST SW	HARBOR ST W	GARDAV	010	1,067	28	29,876	R	AC/AC	94	87	88	\$22	2,241,977	SEAL CRACKS
GARDENIA AV NW	HARBOR ST W	N DEAD END	GARDAV	020	353	28	9,884	R	AC/AC	94	87	88	\$8	2,241,977	SEAL CRACKS
HARBOR PL SW	GARDENIA AVE SW	ELM AVE SW	HARBPL	040	601	32	19,232	R	AC/AC	94	87	88	\$14	2,241,977	SEAL CRACKS
HARBOR ST W	GARDENIA AVE NW	ELM AV NW	HARBST	010	594	32	19,008	R	AC/AC	94	87	88	\$14	2,198,317	SEAL CRACKS
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	87	88	\$15	2,164,562	SEAL CRACKS
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	87	88	\$8	2,164,562	SEAL CRACKS
KING AV NE	HARBOR DR NE	N DEAD END	KINGAV	020	174	18	3,132	R	AC/AC	94	87	88	\$3	2,156,852	SEAL CRACKS
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	87	88	\$15	2,160,698	SEAL CRACKS
WESTWIND CIR	PACIFIC RIDGE LN	S CUL-DE-SAC	WEWICI	010	402	25	10,050	R	AC/AC	94	87	88	\$8	2,160,698	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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						
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	78	86	\$3,765	39,558	SINGLE CHIP SEAL			
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	78	86	\$2,180	39,553	SINGLE CHIP SEAL			
OAK AV SW	ROAD NARROWS (#1551)	CUL-DE-SAC	OAKAVE	020	841	20	16,820	R	AC	90	82	89	\$5,890	33,125	SINGLE CHIP SEAL			
PINE CT SW	14TH ST SW	S CUL-DE-SAC	PINECT	010	551	16	8,816	R	AC	81	74	83	\$3,087	39,439	SINGLE CHIP SEAL			
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	79	87	\$9,348	41,270	SINGLE CHIP SEAL			
												Treatment Total		\$76,950				
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	87	88	\$6	1,943,775	SEAL CRACKS			
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	87	88	\$3	1,943,775	SEAL CRACKS			
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	85	86	\$28	1,282,828	SEAL CRACKS			
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	87	88	\$8	1,943,775	SEAL CRACKS			
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	81	82	\$25	1,152,615	SEAL CRACKS			
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	87	88	\$29	1,943,775	SEAL CRACKS			
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	87	88	\$14	1,943,775	SEAL CRACKS			
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	83	84	\$25	1,349,859	SEAL CRACKS			
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	87	88	\$5	5,071,695	SEAL CRACKS			
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDA AV	020	973	25	24,325	C	AC/AC	80	82	84	\$70	1,550,384	SEAL CRACKS			
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDA AV	030	986	25	24,650	C	AC/AC	83	86	87	\$34	2,887,682	SEAL CRACKS			
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDA AV	040	434	32	13,888	C	AC/AC	83	86	87	\$20	2,887,682	SEAL CRACKS			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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			
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	87	88	\$7	1,943,775	SEAL CRACKS
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	70	72	\$92	764,874	SEAL CRACKS
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	71	74	\$153	965,350	SEAL CRACKS
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	71	74	\$32	781,172	SEAL CRACKS
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	87	88	\$10	1,943,775	SEAL CRACKS
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRENST	030	667	22	14,674	R	AC/AC	68	71	73	\$83	718,134	SEAL CRACKS
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	87	88	\$5	1,943,775	SEAL CRACKS
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	85	86	\$10	2,287,604	SEAL CRACKS
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	74	76	\$39	862,219	SEAL CRACKS
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	87	88	\$4	1,943,775	SEAL CRACKS
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	85	86	\$14	1,763,511	SEAL CRACKS
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	87	88	\$2	1,943,775	SEAL CRACKS
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	87	88	\$43	1,943,775	SEAL CRACKS
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	72	75	\$110	782,931	SEAL CRACKS
QUINNATT PL	S DEAD END	SEVENTH AVE	QUINPL	010	376	20	7,520	R	AC/AC	69	72	75	\$41	808,479	SEAL CRACKS
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	80	82	\$83	1,149,252	SEAL CRACKS
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	71	73	\$72	938,009	SEAL CRACKS
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	85	86	\$39	1,762,655	SEAL CRACKS
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	81	83	\$15	1,384,132	SEAL CRACKS
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	72	74	\$61	845,392	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (3) Increase PCI 5 point (to 74)

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					
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	87	88	\$11	1,943, 775	SEAL CRACKS		
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	87	88	\$7	1,943, 775	SEAL CRACKS		
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	70	73	\$42	837,780	SEAL CRACKS		
Treatment Total												\$1,242					
7TH AV SW	CEDAR AVE SW E DEAD END		7THAVE	010	164	30	4,920	R	AC/AC	30	18	100	\$68,912	4,086	RECONSTRUCT STRUCTURE (AC)		
8TH ST SE	MAIN AVE S	ANCHOR AVE SE	8THSTS	010	378	20	7,560	R	AC	33	20	100	\$105,888	4,086	RECONSTRUCT STRUCTURE (AC)		
8TH ST SW	W DEAD END	MAIN AVE S	8THSTS	020	138	12	1,656	R	AC/AC	34	23	100	\$23,195	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR AV SW	2ND ST SW	HOUSE #125	CEDA AV	050	212	36	7,632	R	AC	29	15	100	\$106,897	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR AV NW	PVMT NARROWS	N DEAD END	CEDA AV	120	189	15	2,835	R	AC/AC	19	6	100	\$39,708	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR CT NW	PVMT NARROWS	N DEAD END	CEDA CT	030	180	15	2,700	R	AC/AC	31	20	100	\$37,818	4,086	RECONSTRUCT STRUCTURE (AC)		
Treatment Total												\$382,418					
Year 2022 Area Total							756,996	Year 2022 Total							\$548,552		
Total Section Area:							3,325,878	Grand Total							\$2,747,188		

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$1,000,000	10%	2020	\$1,000,000	10%	2022	\$1,000,000	10%
2019	\$1,000,000	10%	2021	\$1,000,000	10%			

Year: 2018

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			
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	42	100	\$219,328	37,927	AC OVERLAY (4.0 INCHES)
												Treatment Total	\$219,328		
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	43	100	\$8,128	48,181	AC OVERLAY (2.0 INCHES)
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	43	100	\$3,623	48,504	AC OVERLAY (2.0 INCHES)
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	49	100	\$10,389	45,639	AC OVERLAY (2.0 INCHES)
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	43	100	\$41,057	48,291	AC OVERLAY (2.0 INCHES)
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	48	100	\$19,580	46,269	AC OVERLAY (2.0 INCHES)
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDAAV	060	225	36	8,100	R	AC	50	49	100	\$9,900	46,655	AC OVERLAY (2.0 INCHES)
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	65	100	\$15,156	35,714	AC OVERLAY (2.0 INCHES)
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	42	100	\$14,256	48,289	AC OVERLAY (2.0 INCHES)
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	43	100	\$6,468	48,183	AC OVERLAY (2.0 INCHES)
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	41	100	\$4,909	48,613	AC OVERLAY (2.0 INCHES)
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	40	100	\$2,680	48,937	AC OVERLAY (2.0 INCHES)
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	48	100	\$61,640	46,272	AC OVERLAY (2.0 INCHES)
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	45	100	\$14,550	47,440	AC OVERLAY (2.0 INCHES)
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	41	100	\$9,993	48,613	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$222,329		
11TH ST SW	CEDAR DR SW	MAIN AVE S	11THST	010	1,120	20	22,400	R	AC	66	65	75	\$8,712	35,721	CHIP AND CRACK SEAL
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	69	78	\$2,100	35,808	CHIP AND CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year: 2018

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			
13TH ST NW	WARRENTON DR NW	E CUL-DE-SAC	13THST	110	1,441	28	40,348	R	AC/AC	63	62	72	\$15,691	31,307	CHIP AND CRACK SEAL
1ST ST SW	ALDER ST SW	MAIN ST S	1STST	100	544	32	17,408	R	AC/AC	66	65	75	\$6,770	32,635	CHIP AND CRACK SEAL
2ND ST SE	MARLIN AVE SE	MALL PARKING LOT	2NDST	120	551	20	11,020	R	AC/AC	62	61	71	\$4,286	29,545	CHIP AND CRACK SEAL
9TH ST SW	JADE AVE SW	JUNIPER AVE SW	9THST	030	403	26	10,478	R	AC/AC	64	63	73	\$4,075	33,077	CHIP AND CRACK SEAL
ALDER AV SW	1ST ST SW	MAIN AVE N	ALDEAV	050	590	32	18,880	R	AC/AC	66	65	75	\$7,343	33,755	CHIP AND CRACK SEAL
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	68	77	\$7,700	32,747	CHIP AND CRACK SEAL
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	65	75	\$5,955	39,987	CHIP AND CRACK SEAL
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	68	77	\$10,759	48,400	CHIP AND CRACK SEAL
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	67	77	\$2,244	38,872	CHIP AND CRACK SEAL
GRAY ST	PACIFIC DR	FIFTH AVE	GRAYST	020	288	18	5,184	R	AC/AC	66	65	75	\$2,016	35,884	CHIP AND CRACK SEAL
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRENST	030	667	22	14,674	R	AC/AC	68	67	77	\$5,707	36,134	CHIP AND CRACK SEAL
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	69	78	\$2,898	42,204	CHIP AND CRACK SEAL
LAKE RD	PACIFIC DR	BEGIIN MARINA PARKING LOT	LAKEDR	010	1,386	24	33,264	C	AC/AC	65	64	74	\$12,936	47,753	CHIP AND CRACK SEAL
OAK AV SW	DELAURA BEACH RD	ROAD NARROWS (#1551)	OAKAVE	010	323	28	9,044	R	AC	65	64	74	\$3,518	32,428	CHIP AND CRACK SEAL
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	68	77	\$7,895	38,925	CHIP AND CRACK SEAL
QUINNATT PL	S DEAD END	SEVENTH AV E	QUINPL	010	376	20	7,520	R	AC/AC	69	68	78	\$2,925	39,974	CHIP AND CRACK SEAL
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	65	75	\$4,970	45,362	CHIP AND CRACK SEAL
SECOND AV	BEGINING OF PVMT	RUSSELL DR	SECOAV	010	171	20	3,420	R	AC/AC	63	62	72	\$1,330	42,052	CHIP AND CRACK SEAL
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	67	77	\$4,298	41,661	CHIP AND CRACK SEAL
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	68	77	\$2,884	42,738	CHIP AND CRACK SEAL
TWELFTH AV	LAKE DR	KING SALMON PL	TWELAV	010	198	22	4,356	R	AC/AC	61	60	71	\$1,694	32,610	CHIP AND CRACK SEAL
Treatment Total												\$128,706			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year: 2018

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			
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	81	88	\$3,104	66,716	SINGLE CHIP SEAL
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	80	87	\$8,755	59,896	SINGLE CHIP SEAL
2ND ST SW	JUNIPER AVE SW	GARDENIA AVE SW	2NDST	020	963	24	23,112	R	AC/AC	87	87	93	\$7,191	63,151	SINGLE CHIP SEAL
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	77	85	\$2,240	60,460	SINGLE CHIP SEAL
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	79	86	\$2,732	62,411	SINGLE CHIP SEAL
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	84	91	\$2,296	64,636	SINGLE CHIP SEAL
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDA AV	020	973	25	24,325	C	AC/AC	80	79	87	\$7,568	72,667	SINGLE CHIP SEAL
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDA AV	030	986	25	24,650	C	AC/AC	83	83	90	\$7,669	81,075	SINGLE CHIP SEAL
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDA AV	040	434	32	13,888	C	AC/AC	83	83	90	\$4,321	81,075	SINGLE CHIP SEAL
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	79	87	\$6,840	60,812	SINGLE CHIP SEAL
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	72	81	\$1,420	56,379	SINGLE CHIP SEAL
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	84	90	\$1,272	55,333	SINGLE CHIP SEAL
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	81	88	\$1,746	72,819	SINGLE CHIP SEAL
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	82	89	\$8,141	58,851	SINGLE CHIP SEAL
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	83	90	\$8,591	60,693	SINGLE CHIP SEAL
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	81	88	\$2,210	64,176	SINGLE CHIP SEAL
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	76	84	\$6,972	61,958	SINGLE CHIP SEAL
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	76	84	\$2,199	58,583	SINGLE CHIP SEAL
SEVENTH AV	RUSSEL DR	QUINATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	80	87	\$3,110	57,411	SINGLE CHIP SEAL
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	81	88	\$6,306	64,172	SINGLE CHIP SEAL
SEVENTH AV	DESDEMONA ST	WARRENTON/PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	79	86	\$4,811	60,288	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

Year: 2018

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			
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	77	85	\$1,376	68,754	SINGLE CHIP SEAL
												Treatment Total	\$100,870		
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	82	84	\$24	1,026,119	SEAL CRACKS
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	81	83	\$36	666,197	SEAL CRACKS
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	82	84	\$7	1,026,119	SEAL CRACKS
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	77	\$72	851,202	SEAL CRACKS
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANHAV	040	1,066	22	23,452	R	AC	86	85	86	\$54	986,478	SEAL CRACKS
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	80	82	\$66	835,986	SEAL CRACKS
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	82	84	\$59	1,026,625	SEAL CRACKS
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	82	84	\$28	1,026,625	SEAL CRACKS
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	82	84	\$17	1,026,119	SEAL CRACKS
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	88	88	\$9	1,108,115	SEAL CRACKS
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	83	85	\$72	966,811	SEAL CRACKS
												Treatment Total	\$444		
1ST ST NW	BIRCH CT NW	MAIN AV N	1STST	040	628	36	22,608	C	AC/AC	15	13	100	\$298,928	4,958	RECONSTRUCT STRUCTURE (AC)
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	14	100	\$29,071	4,599	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$327,999		
Year 2018 Area Total							1,106,633	Year 2018 Total		\$999,676					

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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			
14TH ST SW	PVT DRIVE WAY (HOUSE 1675)	PINE DR SW	14THST	100	795	16	12,720	R	AC	51	47	100	\$16,014	45,691	AC OVERLAY (2.0 INCHES)
7TH ST SE	MARLIN AVE SE	PVT PARKING LOT	7THST	010	212	36	7,632	R	AC/AC	51	47	100	\$9,608	45,389	AC OVERLAY (2.0 INCHES)
BIRCH CT SW	3RD ST SW	2ND ST SW	BIRCCT	030	448	32	14,336	R	AC/AC	51	47	100	\$18,048	45,689	AC OVERLAY (2.0 INCHES)
HARBOR CT NE	SKIPANON DR NE	BAY AVE NE	HARBCT	010	385	27	10,395	R	AC/AC	52	49	100	\$13,087	44,246	AC OVERLAY (2.0 INCHES)
MARINER ST	THIRD AVE	SECOND AVE	MARIST	010	231	18	4,158	R	AC/AC	51	48	100	\$5,235	44,936	AC OVERLAY (2.0 INCHES)
THIRD AV	MARINER ST	LAKE RD	THIRAV	020	260	18	4,680	R	AC/AC	71	69	100	\$5,892	27,511	AC OVERLAY (2.0 INCHES)
Treatment Total												\$67,884			
DELAURA BEACH LN	PINE DR SW	OAK AVE SW	DELALN	010	1,008	26	26,208	C	AC/AC	71	69	78	\$10,498	48,743	CHIP AND CRACK SEAL
KING AV SE	S DEAD END	STATE RT 105	KINGAV	030	309	12	3,708	R	AC/AC	70	68	78	\$1,486	48,363	CHIP AND CRACK SEAL
Treatment Total												\$11,984			
10TH PL SW	BEGINING OF PAVEMENT	MAIN AVE S	10THPL	030	148	20	2,960	R	AC	74	72	80	\$949	45,407	SINGLE CHIP SEAL
2ND ST SW	CEDAR AVE SW	ALDER CT SW	2NDST	050	845	32	27,040	R	AC/AC	87	86	92	\$8,665	56,702	SINGLE CHIP SEAL
2ND ST SW	ALDER CT SW	MAIN CT SW	2NDST	060	567	32	18,144	R	AC/AC	87	86	92	\$5,815	56,702	SINGLE CHIP SEAL
CHOKEBERRY AV	WILLOW DR SE	19TH ST SE (S.LEG)	CHBEAV	010	549	25	13,725	R	AC/AC	83	81	89	\$4,399	50,634	SINGLE CHIP SEAL
FIFTH AV	IREDALE ST	HECETA PL	FIFTAV	030	514	18	9,252	R	AC/AC	84	83	90	\$2,965	55,344	SINGLE CHIP SEAL
HEBE CT SE	SALAL LP SE	CUL-DE-SAC	HEBECT	010	350	28	9,800	R	AC/AC	83	82	89	\$3,141	53,651	SINGLE CHIP SEAL
HONEYSUCKLE LP SE	WILLOW DR SE	WILLOW DR SE	HOSULP	010	1,644	28	46,032	R	AC/AC	80	78	86	\$14,751	51,390	SINGLE CHIP SEAL
JUNIPER AV SW	9TH ST SW	BEGINING OF CURB (#702)	JUNIAV	020	1,295	30	38,850	R	AC/AC	87	86	92	\$12,450	53,063	SINGLE CHIP SEAL
NEPTUNE AVE NE	HARBOR DR E	BUS SHELTER	NEPTDR	010	630	42	26,460	C	AC/AC	80	78	85	\$8,479	55,804	SINGLE CHIP SEAL
NEPTUNE AVE NE	BUS SHELTER	HWY 101	NEPTDR	020	563	56	31,528	C	AC/AC	80	78	85	\$10,103	55,804	SINGLE CHIP SEAL
PEACOCK ST EYEBROW	PEACOCK WAY	CUL-DE-SAC	PEACWY	005	105	95	9,975	R	AC/AC	74	72	81	\$3,197	54,412	SINGLE CHIP SEAL
SALAL LP SE	WILLOW RD SE	WILLOW RD SE	SAPLSE	010	927	28	25,956	R	AC/AC	83	81	89	\$8,318	50,634	SINGLE CHIP SEAL
SEVENTH AV	FLEET ST	DESDEMONA ST	SEVEAV	030	1,319	18	23,742	R	AC/AC	77	75	84	\$7,608	54,817	SINGLE CHIP SEAL
SKIPANON DR	PACIFIC SEAFOODS DR	5TH ST NE	SKIPDR	040	715	24	17,160	C	AC/AC	80	77	85	\$5,499	51,311	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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				
TYEE ST	3RD AVE	1ST AVE	TYEEST	010	640	20	12,800	R	AC/AC	80	78	86	\$4,102	53,831	SINGLE CHIP SEAL	
												Treatment Total		\$100,441		
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	87	88	\$23	4,266,186	SEAL CRACKS	
												Treatment Total		\$23		
1ST ST NW	DATE AVE NW	BIRCH CT NW	1STST	030	848	36	30,528	C	AC/AC	24	18	100	\$415,758	4,814	RECONSTRUCT STRUCTURE (AC)	
2ND ST SE	MAIN AVE S	ANCHOR AVE SE	2NDST	080	249	37	9,213	R	AC/AC	17	13	100	\$118,091	4,465	RECONSTRUCT STRUCTURE (AC)	
2ND ST SE	ANCHOR AVE SE	E END OF PVMT	2NDST	090	107	19	2,033	R	AC/AC	26	22	100	\$26,059	4,465	RECONSTRUCT STRUCTURE (AC)	
4TH ST NW	BIRCH CT NW	MAIN AVE N	4THST	020	215	36	7,740	R	AC/AC	17	13	100	\$99,210	4,465	RECONSTRUCT STRUCTURE (AC)	
CEDAR AV NW	PVMT NARROWS	N DEAD END	CEDAAV	120	189	15	2,835	R	AC/AC	19	15	100	\$36,339	4,465	RECONSTRUCT STRUCTURE (AC)	
SKIPANON DR	MAIN AVE N	HARBOR PL NE	SKIPDR	010	284	32	9,088	C	AC/AC	29	23	100	\$123,769	4,814	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$819,226		
Year 2019 Area Total							505,914	Year 2019 Total		\$999,558						

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 PL SE	MAIN AVE S	ANCHOR AVE SE	10THPL	010	387	20	7,740	R	AC/AC	53	48	100	\$10,037	43,369	AC OVERLAY (2.0 INCHES)	
13TH ST NW	W DEAD END	WARRENTON DR NW	13THST	100	445	10	4,450	R	AC/AC	53	48	100	\$5,771	43,618	AC OVERLAY (2.0 INCHES)	
1ST ST SE	MAIN AVE S	ANCHOR AVE SE	1STST	150	143	48	6,864	R	AC/AC	53	48	100	\$8,901	43,222	AC OVERLAY (2.0 INCHES)	
ANCHOR AV SE	3RD ST SE	1ST ST SE	ANCHAV	070	912	20	18,240	R	AC/AC	53	48	100	\$23,651	43,222	AC OVERLAY (2.0 INCHES)	
NINTH AV	RIDGE RD	KING SALMON ST	NINTHAV	020	347	24	8,328	R	AC/AC	54	49	100	\$10,799	43,674	AC OVERLAY (2.0 INCHES)	
												Treatment Total		\$59,159		
10TH ST SE	MARLIN FRONTAGE RD	MARLIN AVE	10THST	010	111	24	2,664	R	AC/AC	73	69	78	\$1,100	31,587	CHIP AND CRACK SEAL	

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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				
9TH ST SW	RIDGE RD SW	KALMIA AVE SW (S. INT.)	9THST	010	999	26	25,974	R	AC/AC	72	68	77	\$10,717	31,997	CHIP AND CRACK SEAL	
9TH ST SE	MAIN AVE S	ANCHOR AVE SE	9THSTS	010	364	20	7,280	R	AC/AC	73	68	77	\$3,004	28,410	CHIP AND CRACK SEAL	
ANCHOR AV SE	13TH ST SE	PVMT CHANGE (#1182)	ANCHAV	030	365	18	6,570	R	AC	73	69	78	\$2,711	36,041	CHIP AND CRACK SEAL	
BIRCH AV NW	HARBOR ST W	1ST ST NW	BIRCAV	020	444	22	9,768	R	AC/AC	73	69	78	\$4,031	34,415	CHIP AND CRACK SEAL	
FLEET ST	SEVENTH CT	SEVENTH AVE	FLEEST	010	149	18	2,682	R	AC/AC	73	69	78	\$1,107	34,499	CHIP AND CRACK SEAL	
HECETA ST	PACIFIC DR	POINT TRIUMPH LP	HECEST	030	267	28	7,476	R	AC/AC	72	69	78	\$3,085	47,797	CHIP AND CRACK SEAL	
PACIFIC DR	RUSSELL DR	PVMT NARROWS W OF 7TH ST	PACIDR	010	665	24	15,960	R	AC/AC	72	68	77	\$6,585	34,261	CHIP AND CRACK SEAL	
Treatment Total												\$32,340				
14TH ST SE	MAIN AVE S	E DEAD END	14THST	050	413	20	8,260	R	AC	76	73	81	\$2,727	46,796	SINGLE CHIP SEAL	
2ND ST SW	MAIN CT SW	MAIN AVE S	2NDST	070	248	44	10,912	R	AC/AC	81	78	86	\$3,602	46,892	SINGLE CHIP SEAL	
ALDER AV SW	200FT S OF 4TH ST	3RD ST SW	ALDEAV	020	657	25	16,425	R	AC/AC	76	75	83	\$5,422	43,527	SINGLE CHIP SEAL	
ANCHOR AV SE	50FT S OF 15TH ST	END OF PAVEMENT (14TH ST)	ANCHAV	010	250	34	8,500	R	AC/AC	74	70	79	\$2,806	43,383	SINGLE CHIP SEAL	
ANCHOR AV SE	PVMT CHANGE (# 1182)	9TH ST SE	ANCHAV	040	1,066	22	23,452	R	AC	86	84	91	\$7,741	39,864	SINGLE CHIP SEAL	
AZALEA AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	AZAVSE	010	342	25	8,550	R	AC/AC	80	77	85	\$2,822	45,288	SINGLE CHIP SEAL	
DATE AV NW	WARRENTON DR	232' N. OF WARRENTON DR (BEGIN PVT DRIVE)	DATEAV	040	232	34	7,888	R	AC/AC	77	73	82	\$2,604	43,052	SINGLE CHIP SEAL	
HUCKLEBERRY AV SE	HONEYSUCKLE LP SE	WILLOW DR SE	HUBEAV	010	399	25	9,975	R	AC/AC	80	77	85	\$3,293	45,288	SINGLE CHIP SEAL	
JADE AV SW	9TH ST SW	N CUL-DE-SAC	JADEAV	010	406	30	12,180	R	AC/AC	83	79	87	\$4,021	40,985	SINGLE CHIP SEAL	
NAUTICAL DR	NINTH AVE	END OF LOOP	NAUTDR	010	1,647	20	32,940	R	AC/AC	74	71	80	\$10,873	47,766	SINGLE CHIP SEAL	
PACIFIC AV NE	HARBOR DR E	SHILO PARKING LOT	PACIAV	010	131	34	4,454	R	AC	88	86	92	\$1,471	42,454	SINGLE CHIP SEAL	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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				
PINE CT SW	14TH ST SW	S CUL-DE-SAC	PINECT	010	551	16	8,816	R	AC	81	77	85	\$2,910	41,195	SINGLE CHIP SEAL	
PINE DR SW	N END OF MIDDLE CUL-DE-SAC	SE CUL-DE-SAC (HOUSE 1028)	PINEDR	030	1,483	18	26,694	R	AC	84	82	89	\$8,811	41,008	SINGLE CHIP SEAL	
SEVENTH AV	QUINATT PL	PACIFIC DR	SEVEAV	009	756	25	18,900	R	AC/AC	77	74	82	\$6,239	47,264	SINGLE CHIP SEAL	
SIXTH AV	IREDALE ST	150FT W OF HECETA PL	SIXTAV	030	332	32	10,624	R	AC/AC	83	80	88	\$3,507	50,296	SINGLE CHIP SEAL	
SIXTH AV	150FT W OF HECETA PL	HECETA ST	SIXTAV	040	465	20	9,300	R	AC/AC	83	80	88	\$3,070	50,296	SINGLE CHIP SEAL	
WILLOW DR SE	HONEYSUCKLE LP SE (W INT)	STATE RT 105	WILLDR	020	1,530	36	55,080	R	AC/AC	83	80	88	\$18,180	50,296	SINGLE CHIP SEAL	
WILLOW DR SE	SALAL LP SE (W INT)	HONEYSUCKLE LP SE (W INT)	WILLDR	030	1,159	32	37,088	R	AC/AC	83	80	88	\$12,242	50,296	SINGLE CHIP SEAL	
												Treatment Total		\$102,341		
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	88	89	\$1	12,500,422	SEAL CRACKS	
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	88	89	\$1	228,309,580	SEAL CRACKS	
												Treatment Total		\$2		
3RD ST SW	BIRCH ST SW	ROBINSON PARK ENTRANCE	3RDST	010	535	24	12,840	R	AC/AC	29	23	100	\$169,518	4,335	RECONSTRUCT STRUCTURE (AC)	
7TH AV SW	CEDAR AVE SW	E DEAD END	7THAVE	010	164	30	4,920	R	AC/AC	30	24	100	\$64,956	4,335	RECONSTRUCT STRUCTURE (AC)	
CHINOOK ST	EIGHTH AVE	SEVENTH AVE	CHINST	020	254	18	4,572	R	AC/AC	17	10	100	\$60,361	4,335	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$294,835		
7TH PL NW	WARRENTON DR NW	MAIN AVE N	7THPL	010	1,291	16	20,656	R	PCC	24	19	100	\$511,326	4,380	RECONSTRUCT STRUCTURE (PCC)	
												Treatment Total		\$511,326		
Year 2020 Area Total							507,097		Year 2020 Total				\$1,000,003			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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			
CEDAR AV SW	9TH ST SW	7TH ST SW	CEDAAV	010	581	22	12,782	C	AC	60	48	100	\$34,143	24,552	AC OVERLAY (4.0 INCHES)
												Treatment Total	\$34,143		
9TH ST SW	KALMIA AVE SW (S. INT.)	JADE AVE SW	9THST	020	809	26	21,034	R	AC/AC	57	49	100	\$28,093	42,242	AC OVERLAY (2.0 INCHES)
BIRCH CT NW	HARBOR ST W	1ST ST NW	BIRCCT	020	406	34	13,804	R	AC/AC	54	48	100	\$18,437	42,195	AC OVERLAY (2.0 INCHES)
JETTY ST	FIFTH AVE	FOURTH AVE	JETTST	030	275	18	4,950	R	AC	56	49	100	\$6,611	42,314	AC OVERLAY (2.0 INCHES)
JETTY AV SE	S DEAD END	STATE RT 105	JWSTSE	010	755	20	15,100	R	AC/AC	56	49	100	\$20,167	42,269	AC OVERLAY (2.0 INCHES)
KING SALMON PL	TWELFTH AVE	NINTH AVE	KINGPL	010	956	24	22,944	R	AC/AC	56	49	100	\$30,643	41,735	AC OVERLAY (2.0 INCHES)
LAKE RD SPUR	LAKE DRIVE/THIRD AVE	SECOND AVE	LAKEDR	020	216	16	3,456	R	AC/AC	55	49	100	\$4,616	41,927	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$108,567		
11TH ST SE	MARLIN AVE	E DEAD END (GATE)	11THST	100	529	20	10,580	R	AC/AC	76	69	78	\$4,496	26,902	CHIP AND CRACK SEAL
DOLPHIN AV SE	HWY 101	CITY LIMITS (#2397)	DOLPAV	040	2,301	26	59,826	R	AC/AC	75	69	78	\$25,424	29,453	CHIP AND CRACK SEAL
												Treatment Total	\$29,920		
10TH ST SE	MARLIN AVE	DEAD END (NEPTUNE DR)	10THST	020	366	25	9,150	R	AC/AC	83	79	87	\$3,111	39,619	SINGLE CHIP SEAL
14TH PL SW	WEST DEAD END	ALDER AVE SW	14THPL	005	155	20	3,100	R	AC	83	77	85	\$1,054	38,556	SINGLE CHIP SEAL
1ST ST SW	W CUL-DE-SAC	JUNIPER AVE SW	1STST	045	337	25	8,425	R	AC/AC	93	87	93	\$2,865	24,699	SINGLE CHIP SEAL
2ND ST SW	KALMIA AVE SW	JUNIPER AVE SW	2NDST	010	615	25	15,375	R	AC/AC	92	86	92	\$5,227	28,009	SINGLE CHIP SEAL
3RD ST SW	ALDER AVE SW	MAIN CT SW	3RDST	030	264	45	11,880	R	AC/AC	92	86	92	\$4,039	28,014	SINGLE CHIP SEAL
9TH ST SW	JUNIPER AVE SW	CEDAR AVE SW	9THST	040	1,816	26	47,216	R	AC/AC	89	86	92	\$16,052	39,970	SINGLE CHIP SEAL
9TH ST SE	W CUL-DE-SAC	NEPTUNE DR SE	9THST	070	220	11	2,420	R	AC/AC	83	79	87	\$823	39,619	SINGLE CHIP SEAL
ALDER AV SW	CUL-SE-SAC	14TH ST SW (PRVT)	ALDEAV	010	833	25	20,825	R	AC	83	77	85	\$7,080	38,556	SINGLE CHIP SEAL
CEDAR DR SW	S CUL-DE-SAC	ADDRESS #1065	CEDADR	010	1,117	22	24,574	R	AC	76	70	79	\$8,355	39,037	SINGLE CHIP SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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						
CHOKEBERRY AV	19TH ST SE (S.LEG)	CCA FOOD BANK	CHBEAV	020	208	22	4,576	R	AC/AC	93	86	93	\$1,556	26,890	SINGLE CHIP SEAL			
ENSIGN LN SE	HWY 104 SPUR	HWY 101	ENSILN	040	1,174	46	54,004	C	AC	81	72	81	\$18,360	37,701	SINGLE CHIP SEAL			
ENTERPRISE ST	PACIFIC DR	WATERFRONT TRAIL	ENTEST	020	429	9	3,861	R	AC/AC	91	86	92	\$1,313	29,353	SINGLE CHIP SEAL			
JUNIPER AV SW	BEGINING OF CURB (#702)	KALMIA AVE SW	JUNIAV	030	999	20	19,980	R	AC/AC	81	77	85	\$6,793	36,854	SINGLE CHIP SEAL			
JUNIPER AV SW	KALMIA AVE SW	2ND ST SW	JUNIAV	040	914	25	22,850	R	AC/AC	83	79	87	\$7,769	39,624	SINGLE CHIP SEAL			
JUNIPER AV SW	2ND ST SW	END OF PAVEMENT	JUNIAV	050	430	25	10,750	R	AC/AC	83	79	87	\$3,655	39,624	SINGLE CHIP SEAL			
NEPTUNE AVE SE	10TH ST SE	9TH ST SE	NEPTDR	050	249	25	6,225	R	AC/AC	83	79	87	\$2,117	39,619	SINGLE CHIP SEAL			
NINTH AV	NAUTICAL DR	RIDGE RD	NINTHAV	010	573	32	18,336	R	AC/AC	91	86	92	\$6,234	29,360	SINGLE CHIP SEAL			
OAK AV SW	ROAD NARROWS (#1551)	CUL-DE-SAC	OAKAVE	020	841	20	16,820	R	AC	90	84	90	\$5,719	31,467	SINGLE CHIP SEAL			
PACIFIC RIDGE LN	RIDGE RD	SOUTHWIND CIR	PARILN	010	672	25	16,800	R	AC/AC	94	87	93	\$5,712	26,091	SINGLE CHIP SEAL			
												Treatment Total		\$107,834				
12TH PL SE (AIRPORT LN)	STATE RT 105	AIRPORT RD/EAST CL	12THPL	010	3,589	25	89,725	A	AC/AC	43	86	87	\$100	2,619,414	SEAL CRACKS			
1ST ST NW	GARDENIA AVE NW	200 FT E OF ELM ST (#495)	1STST	010	815	36	29,340	C	AC/AC	92	85	86	\$55	1,348,936	SEAL CRACKS			
1ST ST SW	GARDENIA AVE SW	ELM AVE SW	1STST	050	604	32	19,328	R	AC/AC	94	87	88	\$15	2,198,317	SEAL CRACKS			
1ST PL SW	GARDENIA AVE SW	ELM AVE SW	1STST	070	609	28	17,052	R	AC/AC	94	87	88	\$13	2,198,317	SEAL CRACKS			
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	87	88	\$7	1,995,846	SEAL CRACKS			
2ND ST SE	KING AVE SE	MARLIN AVE SE	2NDST	110	937	16	14,992	R	AC/AC	94	87	88	\$13	2,002,088	SEAL CRACKS			
3RD ST SW	MAIN CT SW	MAIN AVE N	3RDST	040	267	42	11,214	R	AC/AC	94	87	88	\$9	2,196,288	SEAL CRACKS			
6TH ST SE	W DEAD END	MARLIN AVE	6THST	010	203	40	8,120	R	AC/AC	94	87	88	\$7	2,156,852	SEAL CRACKS			
BIRCH CT SW	1ST ST SW	HARBOR ST W	BIRCCT	010	498	34	16,932	R	AC/AC	94	87	88	\$13	2,241,977	SEAL CRACKS			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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			
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	87	88	\$7	1,991,205	SEAL CRACKS
ELM AV NW	2ND ST SW	1ST ST NW	ELMAVE	010	1,339	36	48,204	R	AC/AC	94	87	88	\$36	2,198,317	SEAL CRACKS
GARDENIA AV SW	2ND ST SW	HARBOR ST W	GARDAV	010	1,067	28	29,876	R	AC/AC	94	87	88	\$22	2,241,977	SEAL CRACKS
GARDENIA AV NW	HARBOR ST W	N DEAD END	GARDAV	020	353	28	9,884	R	AC/AC	94	87	88	\$8	2,241,977	SEAL CRACKS
HARBOR PL SW	GARDENIA AVE SW	ELM AVE SW	HARBPL	040	601	32	19,232	R	AC/AC	94	87	88	\$14	2,241,977	SEAL CRACKS
HARBOR ST W	GARDENIA AVE NW	ELM AV NW	HARBST	010	594	32	19,008	R	AC/AC	94	87	88	\$14	2,198,317	SEAL CRACKS
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	87	88	\$15	2,164,562	SEAL CRACKS
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	87	88	\$8	2,164,562	SEAL CRACKS
KING AV NE	HARBOR DR NE	N DEAD END	KINGAV	020	174	18	3,132	R	AC/AC	94	87	88	\$3	2,156,852	SEAL CRACKS
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	87	88	\$15	2,160,698	SEAL CRACKS
WESTWIND CIR	PACIFIC RIDGE LN	S CUL-DE-SAC	WEWICI	010	402	25	10,050	R	AC/AC	94	87	88	\$8	2,160,698	SEAL CRACKS
Treatment Total												\$382			
1ST ST SW	CEDAR AVE SW	BIRCH CT SW	1STST	080	276	27	7,452	R	AC/AC	31	23	100	\$101,336	4,209	RECONSTRUCT STRUCTURE (AC)
8TH ST SE	MAIN AVE S	ANCHOR AVE SE	8THSTS	010	378	20	7,560	R	AC	33	23	100	\$102,804	4,209	RECONSTRUCT STRUCTURE (AC)
9TH ST NW	GARDENIA AVE	WARRENTON DR NW	9THST	060	995	18	17,910	R	AC/AC	17	6	100	\$243,547	4,209	RECONSTRUCT STRUCTURE (AC)
CEDAR AV SW	2ND ST SW	HOUSE #125	CEDA AV	050	212	36	7,632	R	AC	29	19	100	\$103,783	4,209	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	PVMT NARROWS	N DEAD END	CEDA CT	030	180	15	2,700	R	AC/AC	31	23	100	\$36,716	4,209	RECONSTRUCT STRUCTURE (AC)
CEDAR CT NW	S CUL-DE-SAC	WARRENTON DR NW	CEDA CT	040	252	25	6,300	R	AC/AC	24	15	100	\$85,670	4,209	RECONSTRUCT STRUCTURE (AC)
FLEET ST	PACIFIC DR	N DEAD END (PARKING LOT)	FLEEST	030	164	20	3,280	R	AC/AC	2	0	100	\$44,603	4,209	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

	Treatment Total	\$718,459
Year 2021 Area Total	947,216	Year 2021 Total
		\$999,305

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			
1ST ST NW	200 FT E OF ELM ST (# 495)	DATE AVE NW	1STST	020	727	36	26,172	C	AC/AC	58	47	100	\$72,006	23,404	AC OVERLAY (4.0 INCHES)
												Treatment Total	\$72,006		
SECOND AV	MARINER ST	LAKE DR SPUR	SECOAV	020	251	15	3,765	R	AC/AC	56	48	100	\$5,180	40,845	AC OVERLAY (2.0 INCHES)
												Treatment Total	\$5,180		
1ST ST SW	BIRCH CT SW	ALDER AV SW	1STST	090	842	22	18,524	R	AC/AC	94	85	92	\$6,487	29,259	SINGLE CHIP SEAL
1ST ST NE	HERON AVE NE	E DEAD END	1STST	170	333	25	8,325	R	AC/AC	94	86	92	\$2,916	27,012	SINGLE CHIP SEAL
1ST ST NE	N MAIN AVE (WARRENTON DR)	SKIPANON DR	1STST	180	737	17	12,529	R	AC/AC	82	75	83	\$4,388	29,224	SINGLE CHIP SEAL
9TH ST SW	CEDAR AVE SW	MAIN AVE S	9THST	050	1,005	23	23,115	R	AC/AC	94	85	92	\$8,094	28,617	SINGLE CHIP SEAL
SOUTHWIND TERR	PACIFIC RIDGE LN	S CUL-DE-SAC	EAWITE	020	333	25	8,325	R	AC/AC	94	86	92	\$2,916	27,023	SINGLE CHIP SEAL
HERON AV NE	HARBOR DR E	N DEAD END	HEROAV	010	866	25	21,650	R	AC/AC	94	86	92	\$7,581	27,829	SINGLE CHIP SEAL
JADE PL SW	KALMIA AVE SW	2ND ST SW	JADEPL	010	802	25	20,050	R	AC/AC	94	85	92	\$7,021	29,259	SINGLE CHIP SEAL
KALMIA AV SW	JUNIPER AVE SW	2ND AVE SW	KALMST	030	1,295	25	32,375	R	AC/AC	94	85	92	\$11,337	29,259	SINGLE CHIP SEAL
KALMIA AV SW	2ND ST SW	TEMP DEAD END (#151)	KALMST	040	795	25	19,875	R	AC/AC	94	86	92	\$6,960	26,667	SINGLE CHIP SEAL
KALMIA AV SW (EYEBROW)	KALMIA AVE SW	E CUL-DE-SAC (#180)	KALMST	045	143	75	10,725	R	AC/AC	94	86	92	\$3,756	26,667	SINGLE CHIP SEAL
MAIN CT SW	4TH ST SW	2ND ST SW	MAINCT	050	902	34	30,668	R	AC/AC	94	85	92	\$10,739	29,156	SINGLE CHIP SEAL
PACIFIC RIDGE LN	SOUTHWIND CIR	S CUL-DE-SAC	PARILN	020	776	25	19,400	R	AC/AC	94	86	92	\$6,794	26,674	SINGLE CHIP SEAL
												Treatment Total	\$78,989		
11TH ST SE	MAIN AVE S	ANCHOR AVE SE	11THAV	010	350	19	6,650	R	AC	45	87	88	\$6	1,943,775	SEAL CRACKS
13TH PL SE	MAIN AVE S	ANCHOR AVE SE	13THPL	050	247	12	2,964	R	AC	44	87	88	\$3	1,943,775	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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			
13TH ST SE	MAIN AVE S	ANCHOR AVE SE	13THST	040	216	25	5,400	R	AC	70	72	75	\$30	698,973	SEAL CRACKS
14TH PL SW	ALDER AVE SW	MAIN AVE S	14THPL	010	399	25	9,975	R	AC	81	85	86	\$28	1,282,828	SEAL CRACKS
15TH ST SE	MAIN AVE S	ANCHOR AVE SE	15THSE	010	250	34	8,500	R	AC/AC	50	87	88	\$8	1,943,775	SEAL CRACKS
17TH PL NW	WARRENTON DR NW	NE HAMMERHEAD	17THPL	010	804	35	28,140	R	AC/AC	80	83	85	\$70	1,374,520	SEAL CRACKS
1ST ST NW	BIRCH CT NW	MAIN AV N	1STST	040	628	36	22,608	C	AC/AC	15	89	89	\$43	876,797	SEAL CRACKS
3RD ST SW	ROBINSON PARK ENTRANCE	ALDER AVE SW	3RDST	020	300	24	7,200	R	AC/AC	77	81	82	\$25	1,152,615	SEAL CRACKS
5TH ST SW	MAIN AVE S	W DEAD END	5THST	010	146	16	2,336	R	AC/AC	15	86	87	\$6	704,008	SEAL CRACKS
5TH ST NE	MAIN AVE N	SKIPANON DR NE	5THST	030	1,768	19	33,592	R	AC/AC	44	87	88	\$29	1,943,775	SEAL CRACKS
ALDER AV SW	3RD ST SW	2ND ST SW	ALDEAV	030	445	36	16,020	R	AC/AC	49	87	88	\$14	1,943,775	SEAL CRACKS
ALDER AV SW	2ND ST SW	1ST ST SW	ALDEAV	040	439	20	8,780	R	AC/AC	79	83	84	\$25	1,349,859	SEAL CRACKS
BIRCH AV SW	2ND ST SW	HARBOR ST W	BIRCAV	010	900	22	19,800	R	AC/AC	69	71	73	\$111	652,447	SEAL CRACKS
BIRCH AV NW	1ST ST NW	N DEAD END	BIRCAV	030	369	20	7,380	R	AC/AC	84	87	88	\$5	5,071,695	SEAL CRACKS
CEDAR AV SW	7TH ST SW	5TH ST SW	CEDA AV	020	973	25	24,325	C	AC/AC	80	82	84	\$70	1,550,384	SEAL CRACKS
CEDAR AV SW	5TH ST SW	WIDTH CHANGE (#315)	CEDA AV	030	986	25	24,650	C	AC/AC	83	86	87	\$34	2,887,682	SEAL CRACKS
CEDAR AV SW	WIDTH CHANGE (#315)	2ND ST SW	CEDA AV	040	434	32	13,888	C	AC/AC	83	86	87	\$20	2,887,682	SEAL CRACKS
CEDAR AV SW	HOUSE #125	1ST ST SW	CEDA AV	060	225	36	8,100	R	AC	50	87	88	\$7	1,943,775	SEAL CRACKS
CEDAR DR SW	ADDRESS #1065	9TH ST SW	CEDADR	020	696	22	15,312	R	AC	66	70	72	\$92	764,874	SEAL CRACKS
DELAURA BEACH LN	OAK AVE SW	RIDGE RD	DELALN	020	1,064	26	27,664	C	AC/AC	69	71	74	\$153	965,350	SEAL CRACKS
DISCOVERY LN	ENSIGN LN	MALL ENTERANCE RD	DISCLN	010	687	32	21,984	C	AC/AC	80	81	83	\$73	1,209,243	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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			
EIGHTH AV	PEACOCK ST	CUL-DE-SAC	EIGHTAV	020	206	28	5,768	R	AC/AC	68	71	74	\$32	781,172	SEAL CRACKS
EIGHTH CT	PEACOCK ST	CUL-DE-SAC	EIGHTCT	010	163	28	4,564	R	AC/AC	73	77	79	\$21	954,544	SEAL CRACKS
FIFTH AV	LAKE DR	JETTY ST	FIFTAV	010	775	16	12,400	R	AC/AC	66	87	88	\$11	1,943,775	SEAL CRACKS
FOURTH AV	LAKE DR	JETTY ST	FOURAV	010	729	16	11,664	R	AC/AC	43	87	88	\$10	1,943,775	SEAL CRACKS
HECETA PL	SIXTH AVE	FIFTH AVE	HECIPL	010	227	18	4,086	R	AC/AC	84	86	87	\$5	2,585,387	SEAL CRACKS
IREDALE ST	PACIFIC DR	90 DEGREE CORNER (LEFT)	IRENST	030	667	22	14,674	R	AC/AC	68	71	73	\$83	718,134	SEAL CRACKS
JETTY ST	PACIFIC DR	FIFTH AVE	JETTST	020	294	18	5,292	R	AC	44	87	88	\$5	1,943,775	SEAL CRACKS
KALMIA AV SW	9TH SE SW	N CUL-DE-SAC	KALMST	020	187	30	5,610	R	AC/AC	81	85	86	\$10	2,287,604	SEAL CRACKS
KING AV SE	2ND ST NE	HARBOR DR E	KINGAV	010	414	18	7,452	R	AC/AC	70	74	76	\$39	862,219	SEAL CRACKS
LONG LAKE DR SW	RIDGE RD SW	200FT S OF #1178	LONGDR	020	1,246	21	26,166	R	AC	82	85	86	\$71	1,138,494	SEAL CRACKS
LONG LAKE DR SW	200FT S OF #1178	CUL-DE-SAC	LONGDR	030	1,062	26	27,612	R	AC	83	86	87	\$68	1,193,238	SEAL CRACKS
MAIN CT SE	10TH PL SE	9TH ST SE	MAINCT	010	251	16	4,016	R	AC/PC C	42	87	88	\$4	1,943,775	SEAL CRACKS
MAIN CT SW	1ST ST SW	N END OF PVMT	MAINCT	070	263	27	7,101	R	AC/AC	81	85	86	\$14	1,763,511	SEAL CRACKS
PACIFIC DR	SILVERSIDE PL	RUSSEL DR	PACIDR	005	137	16	2,192	R	AC/AC	41	87	88	\$2	1,943,775	SEAL CRACKS
PACIFIC DR	PVMT NARROWS W OF 7TH ST	LAKE DR	PACIDR	020	1,576	32	50,432	R	AC/AC	49	87	88	\$43	1,943,775	SEAL CRACKS
PEACOCK ST	E DEAD END	EIGHTH AVE	PEACWY	010	725	28	20,300	R	AC/AC	69	72	75	\$110	782,931	SEAL CRACKS
QUINNATT PL	S DEAD END	SEVENTH AVE	QUINPL	010	376	20	7,520	R	AC/AC	69	72	75	\$41	808,479	SEAL CRACKS
RUSSELL DR	BEGINING OF PVMT	SILVERSIDE ST	RUSSDR	005	1,245	18	22,410	R	AC/AC	76	80	82	\$83	1,149,252	SEAL CRACKS
RUSSELL DR	SILVERSIDE ST	RUSSEL PL	RUSSDR	010	589	12	7,068	R	AC/AC	76	80	81	\$27	1,063,454	SEAL CRACKS
RUSSELL DR	RUSSELL PL	GATE	RUSSDR	020	710	18	12,780	R	AC/AC	66	71	73	\$72	938,009	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 01/30/2018

Scenario: (4) Increase PCI 10 points (to 79)

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					
SEVENTH AV	RUSSEL DR	QUINATT PL	SEVEAV	008	357	28	9,996	R	AC/AC	80	83	84	\$26	1,284,257	SEAL CRACKS		
SEVENTH AV	HECETA ST	FLEET ST	SEVEAV	020	1,126	18	20,268	R	AC/AC	81	85	86	\$39	1,762,655	SEAL CRACKS		
SEVENTH AV	DESDEMONA ST	WARRENTON/PACIFIC	SEVEAV	040	859	18	15,462	R	AC/AC	79	82	84	\$44	1,282,192	SEAL CRACKS		
SILVERSIDE ST	RUSSELL DR	SILVERSIDE PL	SILVST	003	442	10	4,420	R	AC/AC	77	81	83	\$15	1,384,132	SEAL CRACKS		
SILVERSIDE ST	SILVERSIDE PL	SILVERSIDE PL	SILVST	006	650	17	11,050	R	AC/AC	68	72	74	\$61	845,392	SEAL CRACKS		
SIXTH AV	LAKE DR	JETTY ST	SIXTAV	010	744	16	11,904	R	AC/PC C	46	87	88	\$11	1,943,775	SEAL CRACKS		
SKIPANON CT	11TH ST SE	10TH PL SE	SKIPCT	010	511	16	8,176	R	AC/PC C	42	87	88	\$7	1,943,775	SEAL CRACKS		
SKIPANON DR	HARBOR PL NE	1ST ST NE	SKIPDR	020	337	22	7,414	C	AC/AC	69	70	73	\$42	837,780	SEAL CRACKS		
Treatment Total												\$1,848					
8TH ST SW	W DEAD END	MAIN AVE S	8THSTS	020	138	12	1,656	R	AC/AC	34	23	100	\$23,195	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR AV NW	S DEAD END	1ST ST NW	CEDAAV	100	432	32	13,824	R	AC/AC	0	0	100	\$193,624	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR AV NW	1ST ST NW	PVMT NARROWS	CEDAAV	110	431	32	13,792	R	AC/AC	11	0	100	\$193,176	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR CT NW	S DEAD END	1ST ST NW	CEDACT	010	426	32	13,632	R	AC/AC	17	3	100	\$190,935	4,086	RECONSTRUCT STRUCTURE (AC)		
CEDAR CT NW	1ST ST NW	PVMT NARROWS	CEDACT	020	449	32	14,368	R	AC/AC	23	10	100	\$201,243	4,086	RECONSTRUCT STRUCTURE (AC)		
Treatment Total												\$802,173					
Year 2022 Area Total							975,835	Year 2022 Total							\$960,196		
Total Section Area:							4,042,695	Grand Total							\$4,958,738		

** - Treatment from Project Selection

Scenarios Criteria:

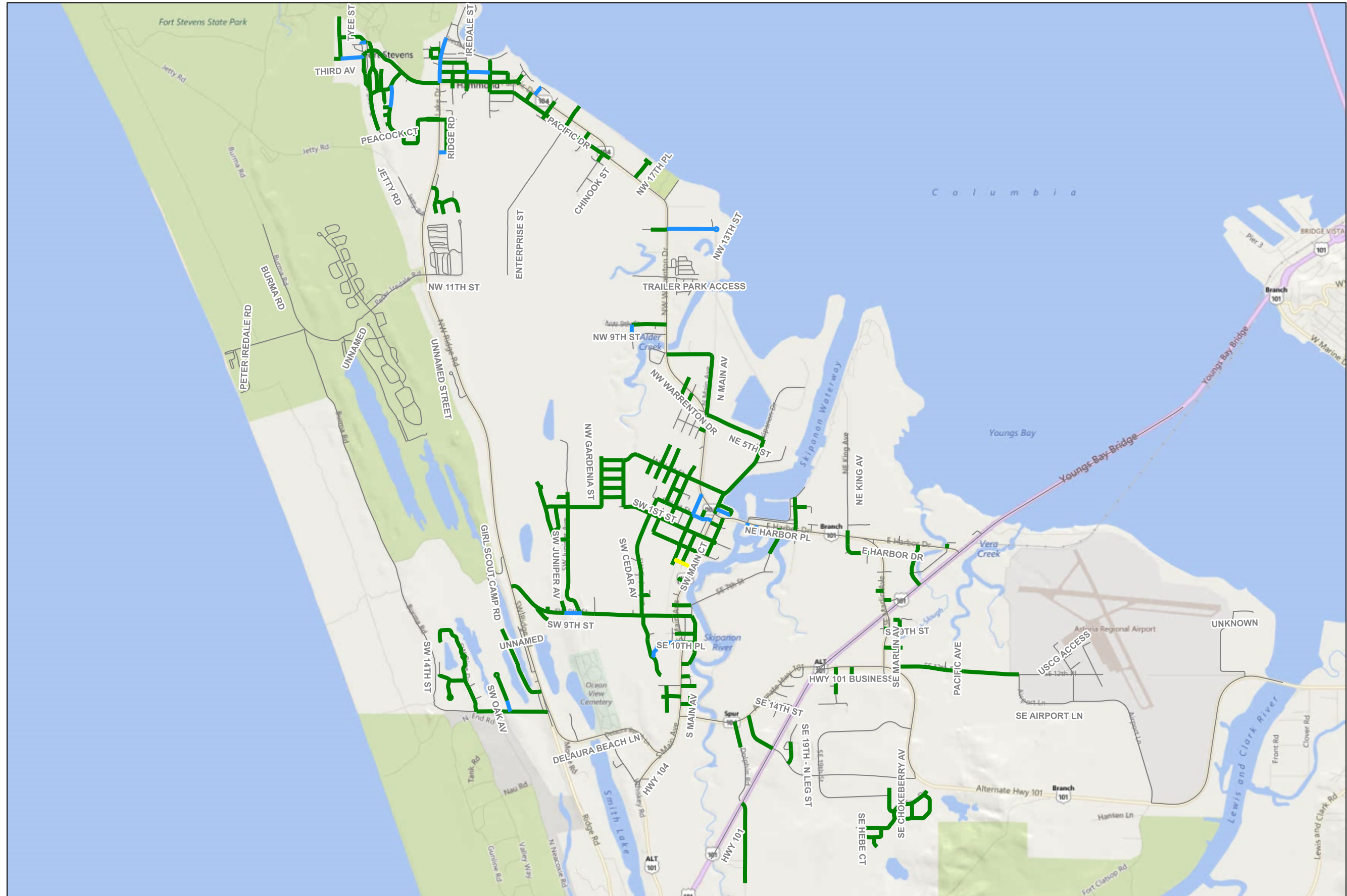


City of Warrenton

Scenario PCI Condition

(1) Unconstrained Needs - 2022 Project Period - Printed: 1/30/2018

- Feature Legend**
- Category I - Very Good
 - Category II - Good (Non-Load)
 - Category III - Good (Load)



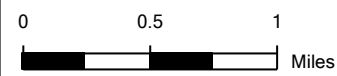
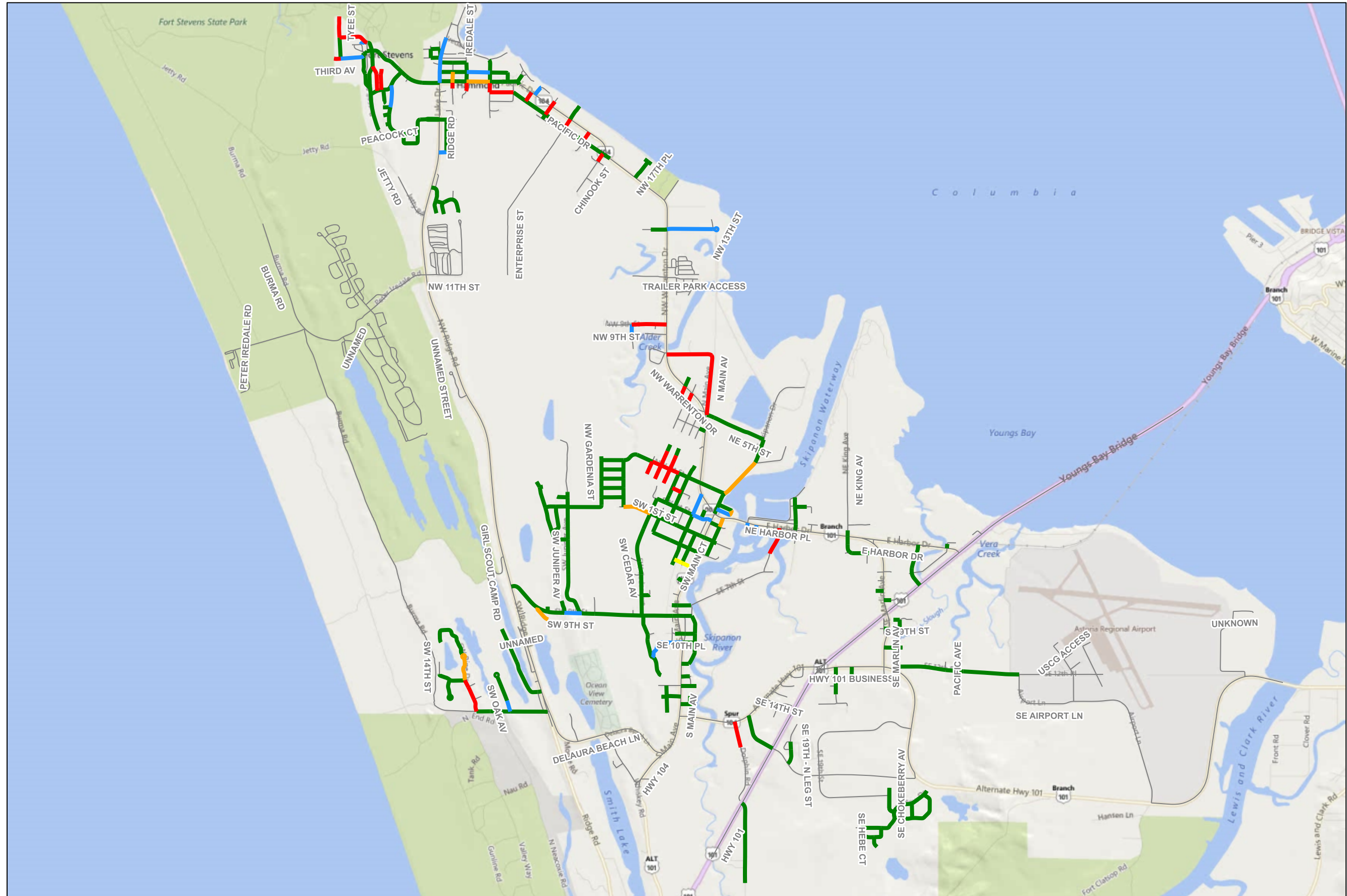


Scenario PCI Condition

(3) Increase PCI 5 point (to 74) - 2022 Project Period - Printed: 1/30/2018

Feature Legend

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





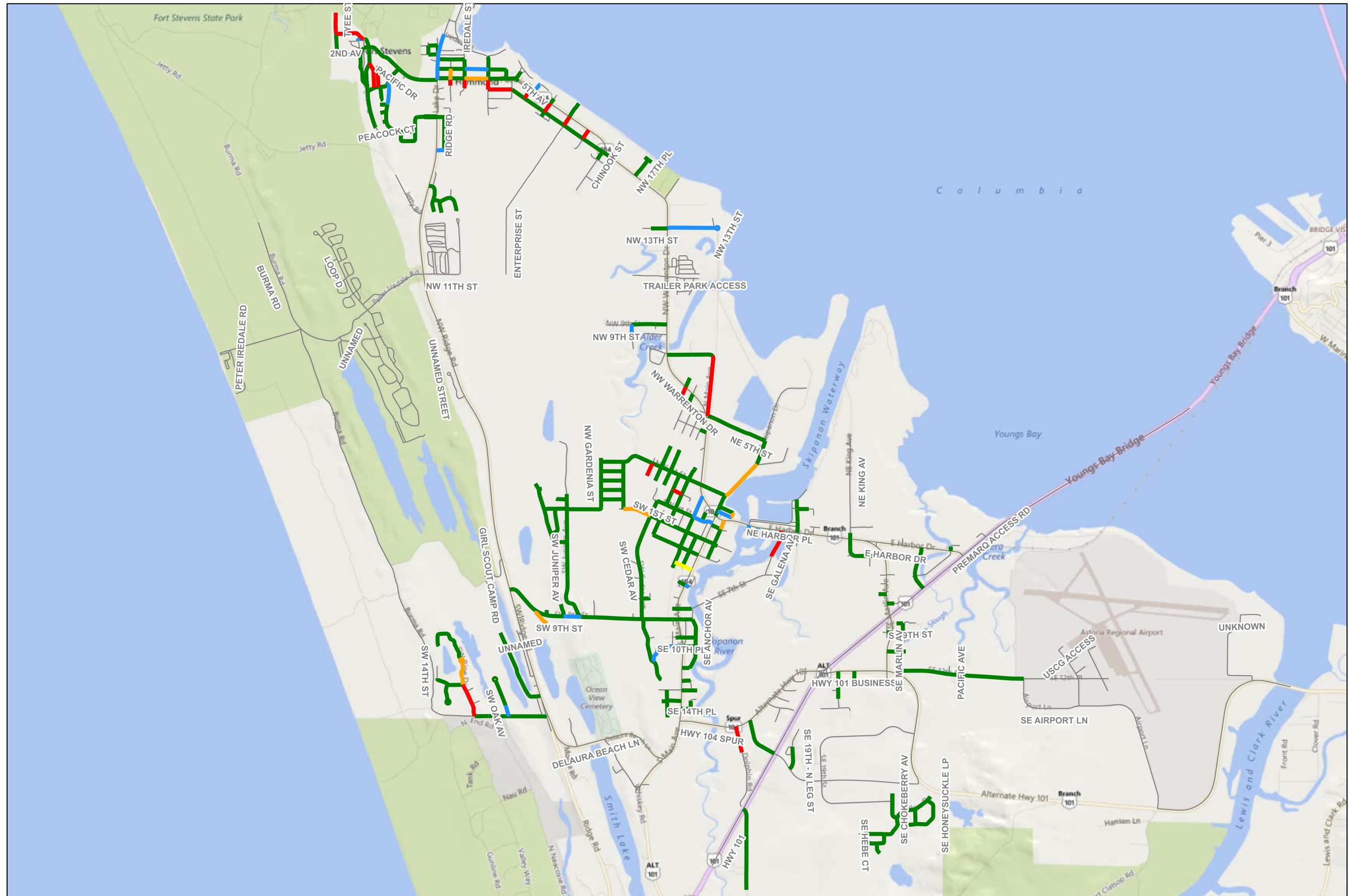
City of Warrenton

Scenario PCI Condition

(4) Increase PCI 10 points (to 79) - 2022 Project Period - Printed: 1/30/2018

Feature Legend

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



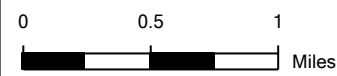
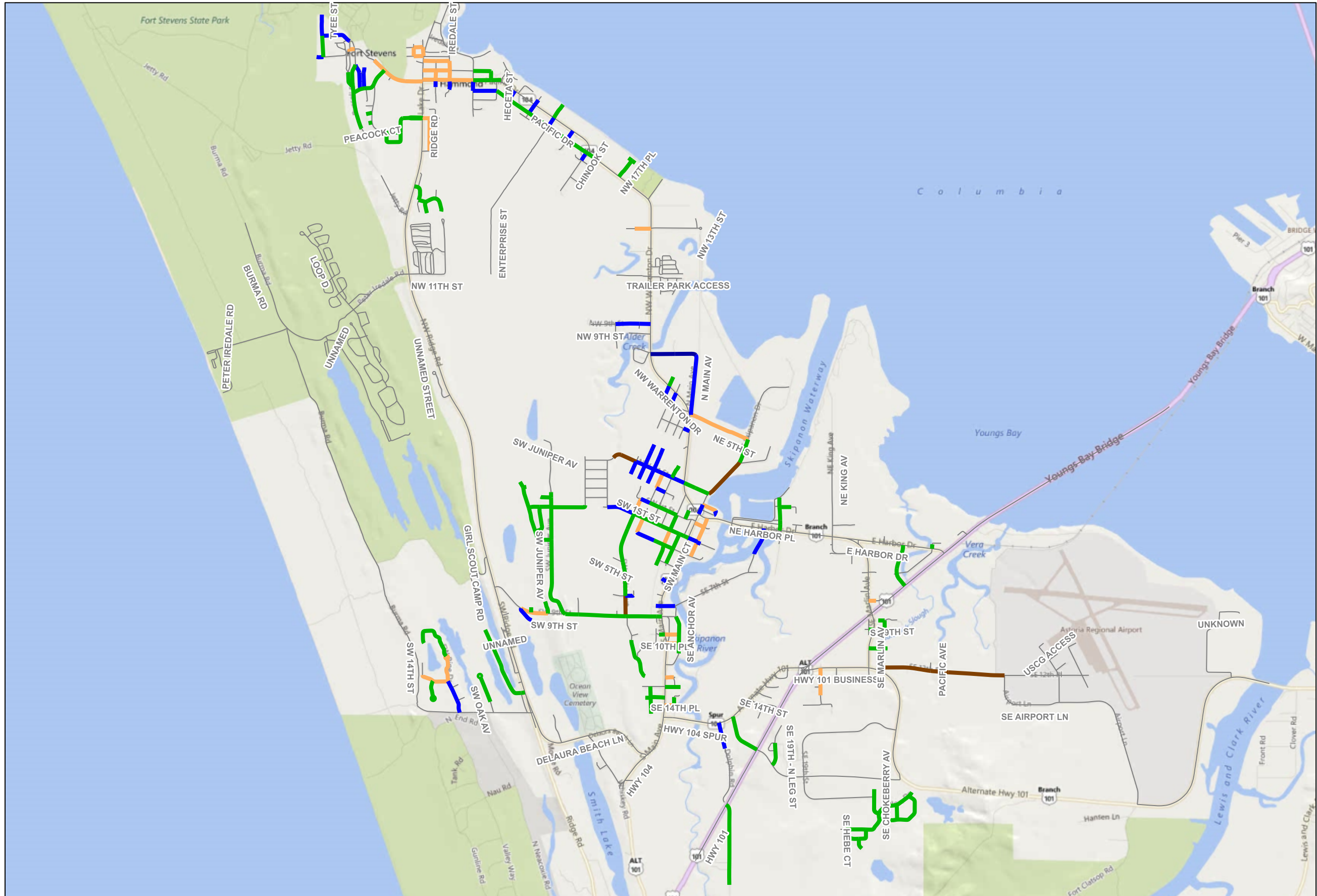


City of Warrenton

Scenario Treatments

(1) Unconstrained Needs - All Project Periods - Printed: 1/30/2018

- Feature Legend**
- AC OVERLAY (2.0 INCHES)
 - AC OVERLAY (4.0 INCHES)
 - RECONSTRUCT STRUCTURE (AC)
 - RECONSTRUCT STRUCTURE (PCC)
 - SINGLE CHIP SEAL





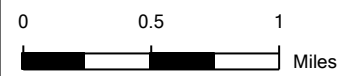
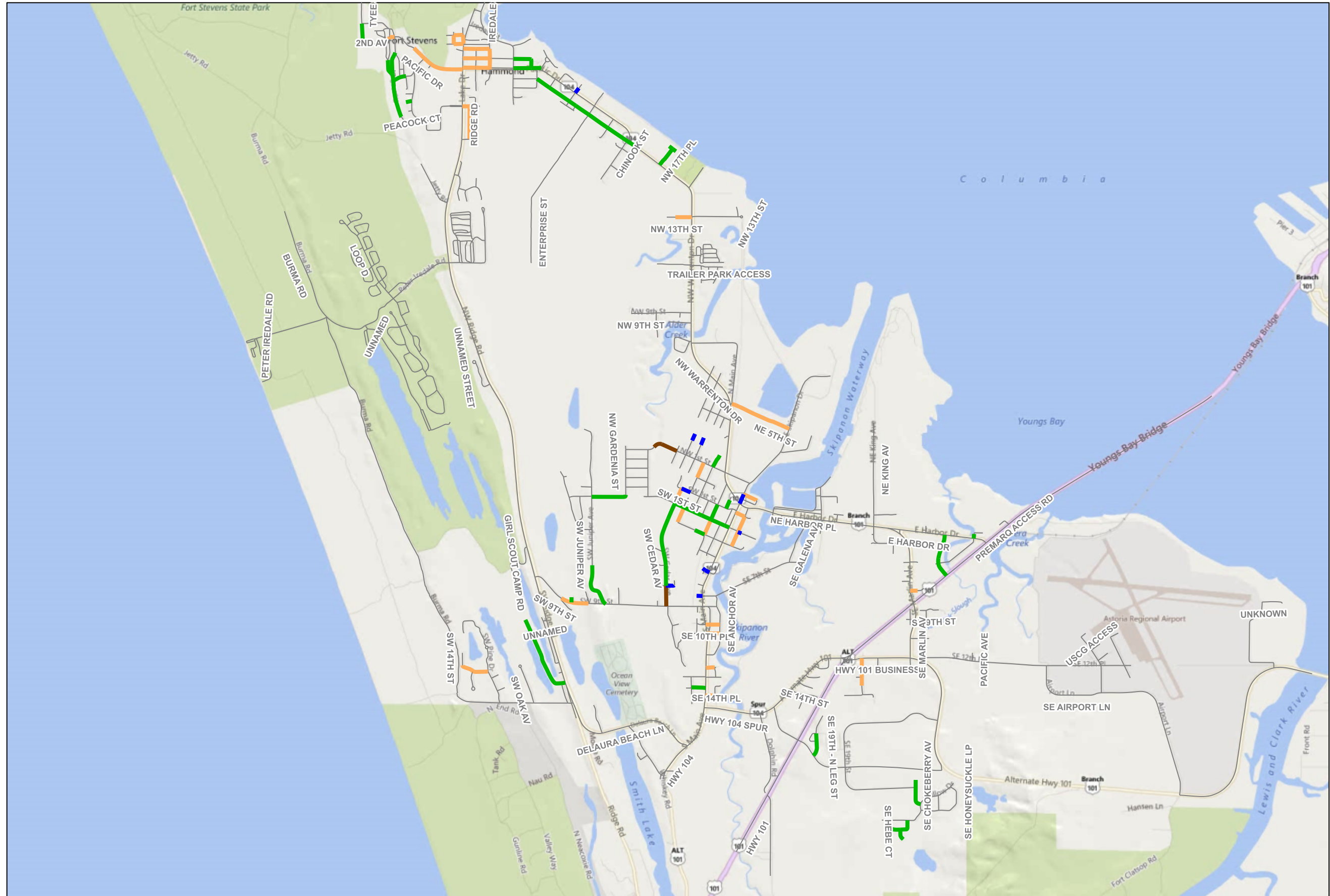
City of Warrenton

Scenario Treatments

(2) Current Funding (\$300k/Yr) - All Project Periods - Printed: 1/30/2018

Feature Legend

- AC OVERLAY (2.0 INCHES)
- AC OVERLAY (4.0 INCHES)
- RECONSTRUCT STRUCTURE (AC)
- SINGLE CHIP SEAL

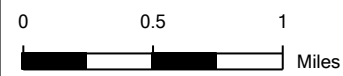
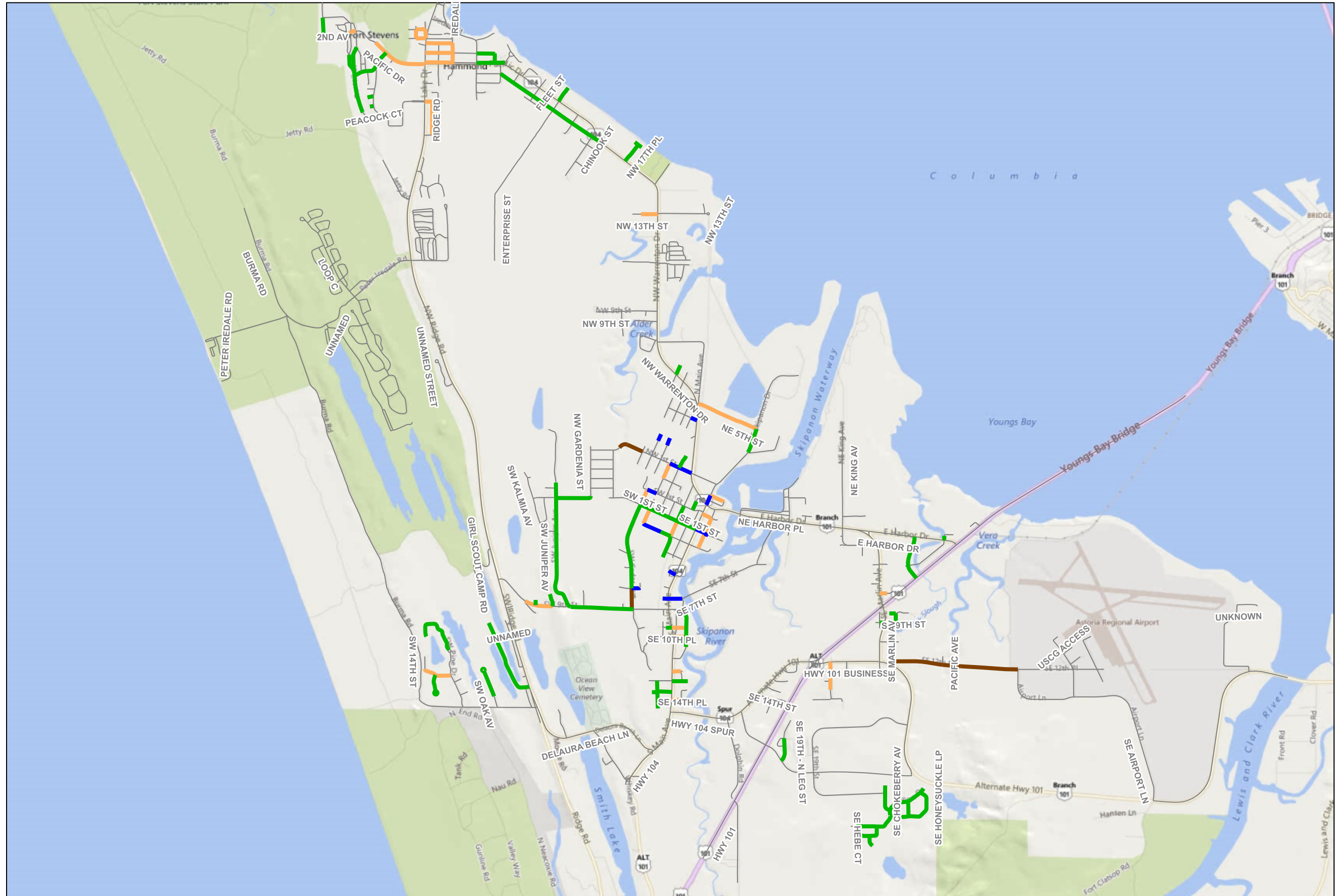




Scenario Treatments

(3) Increase PCI 5 point (to 74) - All Project Periods - Printed: 1/30/2018

- Feature Legend**
- AC OVERLAY (2.0 INCHES)
 - AC OVERLAY (4.0 INCHES)
 - RECONSTRUCT STRUCTURE (AC)
 - SINGLE CHIP SEAL





Scenario Treatments

(4) Increase PCI 10 points (to 79) - All Project Periods - Printed: 1/30/2018

- Feature Legend**
- █ AC OVERLAY (2.0 INCHES)
 - █ AC OVERLAY (4.0 INCHES)
 - █ RECONSTRUCT STRUCTURE (AC)
 - █ RECONSTRUCT STRUCTURE (PCC)
 - █ SINGLE CHIP SEAL

