



Pavement Management System Implementation

Final Report

May 2019



Fountain Valley, CA

17050 Bushard St. Suite 200

Fountain Valley, CA 92708



City of Kingsburg

Public Works Department
1401 Draper St
Kingsburg, CA 93631

992.01.55

City of Kingsburg

**Pavement Management System
Implementation**

Final Report

Submitted to:

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1401 Draper Street
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Executive Summary

NCE was selected by the Fresno Council of Governments (Fresno COG) to implement a pavement management system for the City of Kingsburg (City). This project included eight other cities (Coalinga, Fowler, Firebaugh, Huron, Mendota, Orange Cove, San Joaquin, and Selma) as well. The purpose of this project is to help inform and educate policy makers on the conditions of the street network.

The City is responsible for the maintenance and repair of approximately 49.1 centerline miles of streets. The network's Pavement Condition Index (PCI) is 66. The City utilizes the StreetSaver® pavement management software and collects pavement distresses in compliance with ASTM D6433-16¹.

The following budget scenarios were performed as part of this implementation. The scenarios study the impact of funding on pavement condition over a period of ten years.

Scenario 1: City's Budget (\$400,000 per year) – The City's anticipated funding for paving projects is approximately \$400,000 per year. At this funding level, the network PCI is expected to decrease from 66 to 50 over the next ten years and deferred maintenance will be \$26.7 million.

Scenario 2: Maintain PCI at 66 (\$1.45 million per year) – The City will need to spend approximately \$1.45 million per year in order to maintain the current network PCI at 66 over the next ten years. Deferred maintenance will fluctuate between \$13.1 million to \$10.6 million.

Scenario 3: Improve PCI to 70 (\$1.7 million per year) – At approximately \$1.7 million per year, the network PCI will increase to 70 and deferred maintenance will decrease from \$12.1 million to \$10.1 million by 2028.

NCE recommends that the City increase the budget to at least \$1.7 million per year in order to improve the pavement network condition to 70.

¹ ASTM. "ASTM D6433-16." Standard Practice for Roads and Parking Lots Pavement Condition Index Inspections.



Background

With the passage of Senate Bill 1 (SB 1), Fresno COG has allocated funds to develop the Multi-jurisdictional PMS for nine local cities within the Region that currently do not have such a program in place. By assisting these cities with the creation of a PMS, the Region will have the resources available to them to prioritize roadway improvements and better manage their roadway repair and maintenance.

To achieve this goal, Fresno COG selected NCE to implement a pavement management system for nine cities, including the City of Kingsburg. The other eight cities are Coalinga, Fowler, Firebaugh, Huron, Mendota, Orange Cove, San Joaquin and Selma.

Broadly, a "... *pavement management system (PMS) is designed to provide objective information and useful data for analysis so that ... managers can make more consistent, cost-effective, and defensible decisions related to the preservation of a pavement network.*"² In other words, a PMS is designed to assist cities with answering questions such as:

- What comprises the City's street network and what are the conditions of the streets?
- How will the condition of the City-maintained streets respond over time to maintenance and rehabilitation (M&R) treatments proposed under the existing funding levels?
- What M&R strategies exist to improve the current street conditions?
- What is the backlog of M&R work that should be done in order to achieve the City's pavement condition goal?
- What are the future M&R needs?
- What are the street repair priorities?
- How much funding is needed in order to improve current pavement conditions?

In order to answer the questions above, Fresno COG selected a PMS software program called StreetSaver[®], which was developed by the Metropolitan Transportation Commission (MTC) and is widely used by Californian cities and counties.

² AASHTO "Guidelines for Pavement Management Systems". American Association of State Highway and Transportation Officials, Washington DC, July 1990.



Study Objectives

The goal of this project is to implement the StreetSaver PMS and populate it with current pavement conditions and to perform funding analyses with respect to the City's M&R program.

The objectives of this study were to:

- Establish an inventory of the street network
- Perform pavement condition inspections of the entire street network and determine the PCI of each street section as well as the average network PCI.
- Develop appropriate M&R strategies.
- Perform budgetary analyses and determine the M&R funding needs.
- Present a strategy for the most cost-effective program.

Finally, this report links the recommended repair program costs to the City's current and projected budget alternatives to improve the overall network condition. It also assesses the adequacy of existing revenues to meet the recommended maintenance needs.

Scope of Work

First, NCE performed pavement condition inspections of the City-maintained streets and alleys in March 2019 using the walking inspection method. Pavement distress data were collected and entered into StreetSaver to calculate the section's PCI. The condition inspections did not address non-pavement issues such as traffic, safety, street hazards, geometric issues, drainage issues, or immediate maintenance needs. As part of this task, a Quality Control Plan was developed and implemented and a copy is included in Appendix A.

Upon completion of the data collection activities, NCE reviewed and discussed M&R strategies with the City staff. This included selecting appropriate and effective treatments such as surface seals, overlays or reconstructions, as well as determining unit costs. The unit costs represent the overall project cost which incorporated material costs along with any related construction, engineering and design costs and were based on recent bid summaries from the City as well as surrounding agencies. Once appropriate M&R alternatives were defined, they were entered into the StreetSaver[®] database for budgetary analyses.

NCE next performed a budget needs analysis using a period of ten years with an annual inflation rate of 3 percent. This identified M&R recommendations for each street section and determined the total M&R requirements over the analysis period under various funding levels.



Pavement Network and Current Condition

The City is responsible for the repair and maintenance of approximately 49.1 centerline miles of streets, of which 4.7 miles are arterials, 11.6 miles are collectors, and 32.8 miles are residential. Streets, or pavements, are one of the City's most valuable assets with an estimated replacement value is of \$57.6 million. This does not include the value of other non-pavement street components, such as curb and gutters, sidewalks, or drainage. Additionally, there are approximately 0.1 centerline miles of gravel roads within the City limit but they are not included in the analysis.

The PCI is a measurement of pavement grade or condition and ranges from 0 to 100. A newly constructed street will have a PCI of 100, while a failed street will have a PCI of 25 or less. The pavement condition is primarily affected by climate, traffic loads and volumes, subgrade failure, construction materials and age. Some of the distresses manifested by pavement as it ages or fails are:

Asphalt Concrete (AC) Pavements:

- | | |
|------------------------------------|-------------------------------------|
| • Alligator (Fatigue) Cracking* | • Joint reflection cracking |
| • Bleeding | • Patching and Utility Cut Patching |
| • Block Cracking | • Potholes |
| • Bumps and Sags | • Rutting* |
| • Corrugation | • Shoving* |
| • Depression | • Slippage Cracking* |
| • Edge Cracking | • Raveling |
| • Longitudinal/Transverse Cracking | • Weathering |

*Indicates load-related distress

Table 1 and Figure 1 on the next page illustrate the definitions of the pavement condition categories. Streets in "Fair" condition include streets with both non-load related (e.g., weathering or raveling) and load related (e.g., alligator cracking) distresses. Because the causes of these distresses are markedly different, the treatments used to address these conditions are also different, as are the costs of these treatments. Generally, streets with load-related distress are more expensive to repair. The two categories of distress are identified by II (non-load related) and III (load related). StreetSaver[®] assigns the appropriate treatments and costs to streets identified within each category.



Table 1: Pavement Condition Categories

Condition Category		PCI	Pavement Description
(I)	Good	70-100	Pavements which have minimal surface distress which may include some hairline longitudinal/transverse cracks and/or weathering. The pavement structure is sound and minor oxidation may occur.
(II)	Fair, Non-Loaded	50-69	Pavements which have a significant level of distress that are predominantly non-load related such as longitudinal/transverse cracks, bleeding, block cracking, weathering and raveling, etc. The pavement structure is sound and some oxidation has occurred.
(III)	Fair, Load-Related	50-69	Pavements which have a significant level of distress that are predominantly load related such as alligator cracking and minor rutting, etc. The pavement structure is becoming deficient (minimal base failure).
(IV)	Poor	25-49	The pavement has moderate to severe surface distresses. Extensive weathering or raveling, block cracking, and load-related distresses such as alligator cracking, rutting, and potholes may occur.
(V)	Very Poor	0-24	The pavement has severe weather-related distress as well as large quantities of load-related distresses. The pavement is nearing the end of its service life.

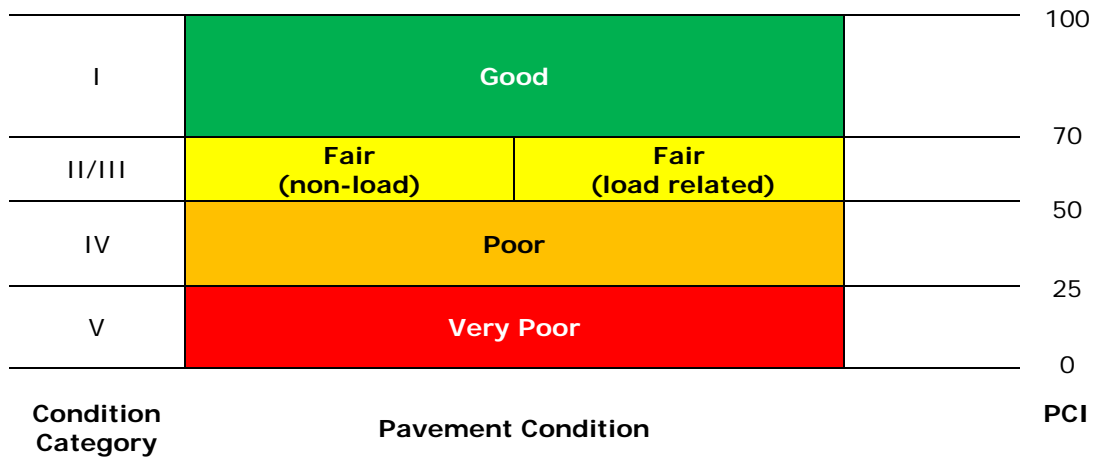


Figure 1: Pavement Condition Categories



The photos in Figure 2 below illustrate streets with a range of PCIs.



The photo above from a Lewis Street between Lincoln Street and Plumas Street. Pavement surface displayed minimal distresses; in fact, only minor weather-related distresses were recorded during the inspection. PCI = 76 (Good)



The photo above is from Draper Street between Marion Street and Simpson Street. At this point, minor load-related distresses such as alligator cracking can be found along with block cracking and longitudinal cracking. The pavement had also oxidized considerably. PCI = 68 (Fair)



The photo above is from Tulare Street between 18th Avenue and 14th Avenue. Load-related distresses are visible in the majority of the section. Pavement surface has weathered considerably, raveling may be found. PCI = 26 (Poor)



The photo above is from Washington Street between Sierra Street and 18th Avenue. Extensive alligator cracking and block cracking are present throughout the entire section. Heavy weathering or raveling are prominent due to age of pavement. PCI = 12 (Very Poor)

Figure 2: Examples of Streets with Different PCIs



Based on our inspections, the City's average weighted (by area) PCI³ is 66 which is considered a "Fair" condition. However, the average PCI does not completely describe the street network. Table 2 summarizes the City's street network and the PCI by functional classification.

Table 2. Pavement Network and Condition Summary

Functional Class	Centerline Miles	Lane Miles	Pavement Area (sq ft)	% Pavement Area	Average Weighted PCI
Arterial	4.7	9.8	919,844	9.3%	69
Collector	11.6	24.2	2,364,003	24.0%	64
Residential	32.8	65.6	6,558,401	66.6%	66
Total	49.1	99.6	9,842,248	100.0%	66
Gravel Streets	0.1	0.3	24,792	N/A	N/A

Table 3 summarizes the network condition by condition category. More than half (55.6 percent) percent of the City's streets are in "Good" condition, 23.3 percent are in "Fair", and 21.1 percent are in either "Poor" or "Very Poor" condition.

Table 3. Pavement Condition Breakdown by Functional Class and Condition Category

Condition Category	PCI Range	Arterial	Collector	Residential	Network
Good (I)	70-100	6.3%	13.2%	36.1%	55.6%
Fair (II/III)	50-69	1.9%	5.2%	16.1%	23.3%
Poor (IV)	25-49	1.1%	4.1%	12.2%	17.4%
Very Poor (V)	0-24	0.0%	1.5%	2.2%	3.8%
Total (%)		9.3%	24.0%	66.6%	100.0%

The City's average PCI of 67 is one of the highest when compared to surrounding agencies and is slightly higher than the 2018 statewide average of 65 (see Figure 3).

³ The weighted average PCI is a result of multiplying the area of each street section by the PCI of that section, totaling all sections together and then dividing by the total of the network area or functional classification.

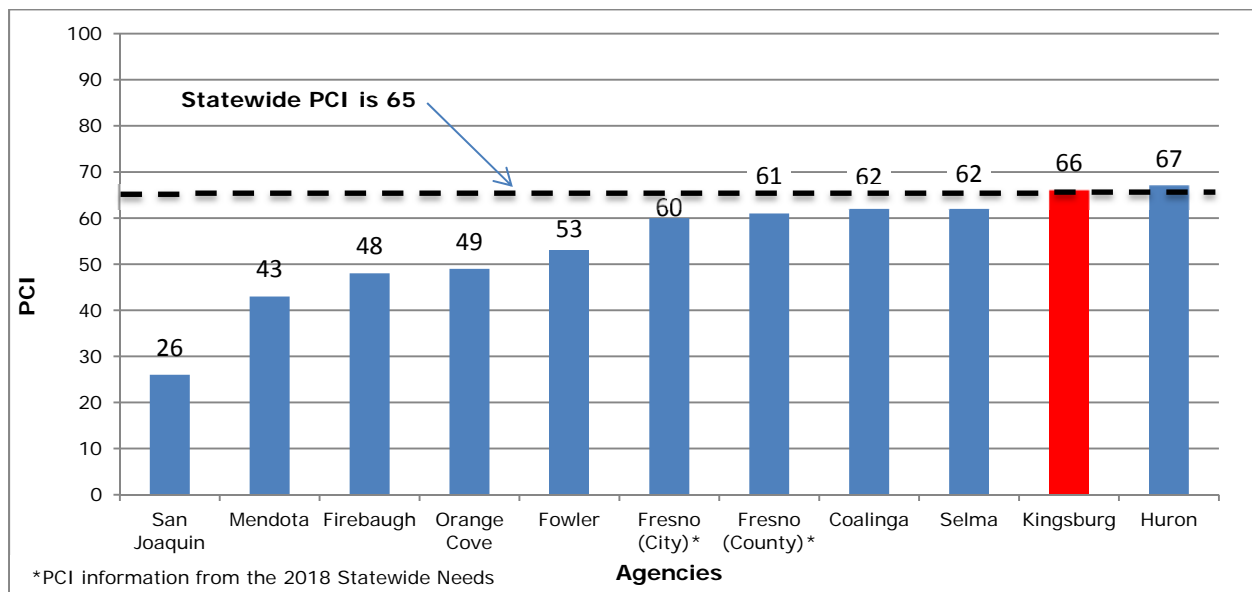


Figure 3: Kingsburg PCI Comparison with Other Agencies

Maintenance and Rehabilitation Strategies

Preventive maintenance treatments such as crack seals and slurry seals are suitable for pavements in the "Good" condition and should be applied every seven years if the pavement condition is appropriate. As the pavement condition deteriorates, hot mix asphalt (HMA) overlays, and reconstruction should be performed. These are considered "rehabilitation or reconstruction". Localized base repairs are commonly used as preparatory work prior to applying overlays. A detailed M&R decision tree can be found in Appendix C.

History has shown that it costs less to maintain streets in good condition than to repair ones that have failed. By letting pavements deteriorate, streets that once cost \$5 per square yard (SY) to slurry seal may, in a few years, cost as much as \$66/SY to reconstruct. With rising material costs, the timeliness of repairs becomes more critical.

After the passage of SB 1 in 2017, agencies within the Fresno County area experienced significant increases in construction costs due to a shortage of construction materials and available contractors.

Figure 4 on the next page illustrates that pavement maintenance follows the old colloquial saying of "pay now or pay more later". The pavement deterioration curve shown by the blue line illustrates how pavement deteriorates over time.

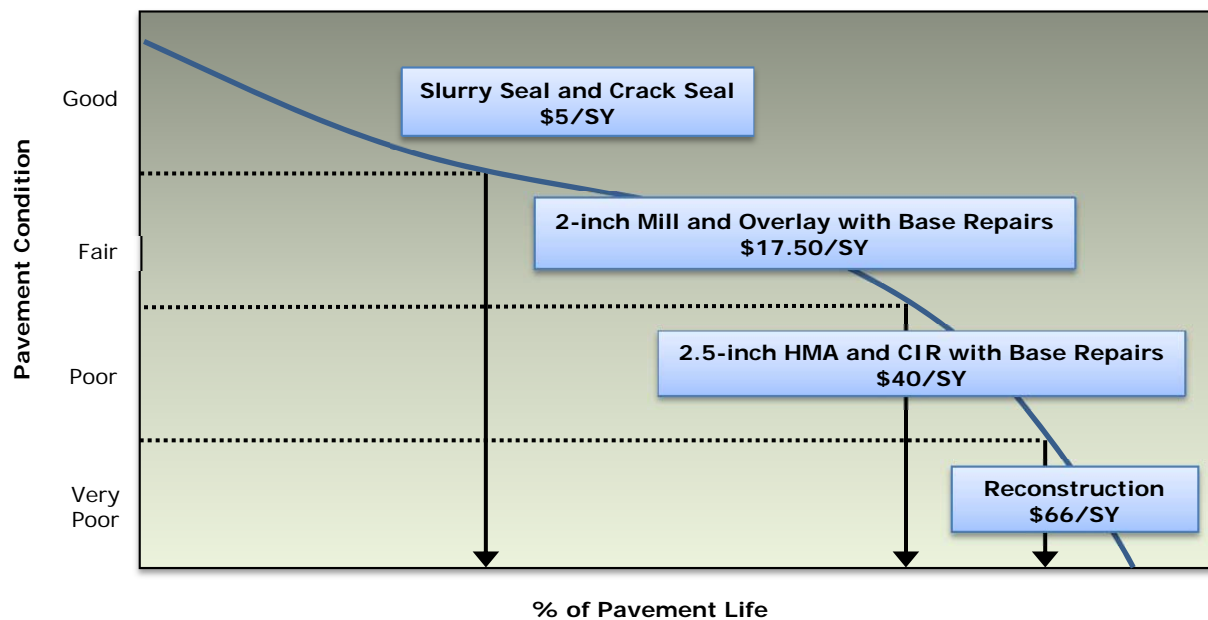


Figure 4: Costs of Maintaining Pavements over Time

Budget Needs

Once the pavement condition and the appropriate maintenance strategy has been determined, it is possible to determine the funding needed for maintenance of the City's streets. Simplistically, the StreetSaver[®] program seeks to answer the following questions:

If funding is not a constraint, how much money is needed to bring streets to a state of good repair?

Therefore, based on the principle that it costs less to maintain streets in good condition, rather than focusing on fixing those in poor condition, StreetSaver[®] develops a funding strategy that will improve the overall condition of the streets and then maintain it at that level. The condition and functional classification of each street determines the appropriate treatment and cost from the decision tree.

For example, 18th Avenue between Kern Street and Earl Street has a PCI of 40, and the appropriate treatment is a 2.5-inch mill and overlay as well as localized base repairs. The area of the pavement section is then multiplied by the unit cost to determine the total treatment cost. Additional surface seals over the next ten years may also be applied to preserve the pavement condition, if necessary.

Using this process, the entire street network for the City was evaluated and summed. The resulting maintenance needs is approximately \$22.8 million over the



next ten years using an annual inflation rate of three percent. If the City follows this funding strategy recommended, the average PCI will increase to the low 80 over the next ten years. If, however, no funding is allocated to street pavement maintenance, the streets will deteriorate and the network PCI will drop to 42 by the end of 2028. The results of the budget needs analysis are summarized in Table 4.

Table 4. Results of Budget Needs 2019 – 2028

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget Needs (\$M)	N/A	12.1	2.1	1.5	0.3	0.8	0.8	0.5	3.8	1.0	0.9	23.7
Treated PCI	66	82	82	83	82	82	81	81	84	84	84	N/A
Untreated PCI	66	64	62	59	57	55	52	50	47	45	42	N/A

In this analysis, the total funding needed is “front-loaded;” i.e., it is less expensive to repair the streets in the first year than in subsequent years due to the effect of deferring maintenance and inflation. Although very few agencies can afford this “front-loaded” approach, it highlights the next treatments each street section needs and becomes a reference point for other funding scenarios.

The deferred maintenance in 2019 is \$12.1 million. Deferred maintenance consists of pavement maintenance, preservation, and rehabilitation activities that are needed, but cannot be performed due to lack of funding. It is also referred to as the unfunded backlog. Shrinking budgets have forced many cities and counties to defer much-needed pavement maintenance activities. Deferring these activities results in an increased frequency of citizen complaints about the condition of the pavement network and a higher cost to repair these streets.

The prediction models in StreetSaver® may result in a more conservative performance due to the impacts of newer and more cost-effective technologies are not included at this time. For example, if improved materials are utilized, e.g., asphalt-binder with rubber or polymers, the actual performance of these treatments may be under-stated by the models. However, if the City assesses the pavement conditions regularly, the prediction of future conditions will continue to improve.



Budget Scenarios

Having determined the ten-year maintenance needs of the City's street network, the next step in developing a cost-effective M&R strategy is to conduct "what-if" analyses. Using the StreetSaver® budget scenario module, the impacts of the City's budget can be evaluated. This module seeks to answer the following questions:

If funding is constrained, what is the most cost-effective way to spend the funds? What are the consequences on the PCI and deferred maintenance? Which streets will be prioritized for repairs and when will they be repaired?

The program determines the effects of the different funding scenarios on PCI and deferred maintenance. By examining the effects on these performance measures, the advantages and disadvantages of different funding levels and maintenance strategies become clear.

The following scenarios were performed:

Scenario 1: Existing Budget (\$400,000 per year) – The City's anticipated funding for paving is approximately \$400,000 per year. At this funding level, the network PCI is expected to decrease from 66 to 50 in ten years. The deferred maintenance will also more than double from \$12.1 million to \$26.7 million.

Scenario 2: Maintain PCI at 66 (\$1.45 million per year) – The City will need approximately \$1.45 million per year in order to maintain the current network PCI at 66 over the next ten years. Additionally, the deferred maintenance will fluctuate between \$10.6 million to \$13.3 million.

Scenario 3: Improve PCI to 70 (\$1.7 million per year) – At approximately \$1.7 million per year, the network PCI will increase to 70. Deferred maintenance will decrease to \$10.1 million in 2028.

Summaries of the results of each scenario are provided starting from the next page. Note that "Rehabilitation" includes overlays and reconstruction, while "Preventive Maintenance" includes all surface seals. Detailed results are presented in Appendices D and E.



Scenario 1: Existing Budget (\$400,000 per year)

This scenario shows the impact of the City's anticipated paving budget of \$400,000 per year over the the next ten years. The overall pavement condition will decline to an average PCI of 50. Furthermore, the deferred maintenance will be more than double over the next ten years (\$26.7 million). At the end of the analysis period, 47.2 percent will be in "Good" condition, while 44.1 percent of the street network will be in either "Poor" or "Very Poor" condition. Table 5 and Figure 5 summarize the results from Scenario 1.

Table 5. Summary of Results for Scenario 1

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	4.00
Rehabilitation (\$M)	N/A	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.24	0.27	0.28	2.46
Preventive Maintenance (\$M)	N/A	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.16	0.13	0.12	1.54
Deferred Maintenance (\$M)	12.1	11.7	13.3	15.3	17.6	19.0	20.1	21.3	23.4	24.5	26.7	N/A
Treated PCI	66	65	63	61	60	58	56	55	53	52	50	N/A

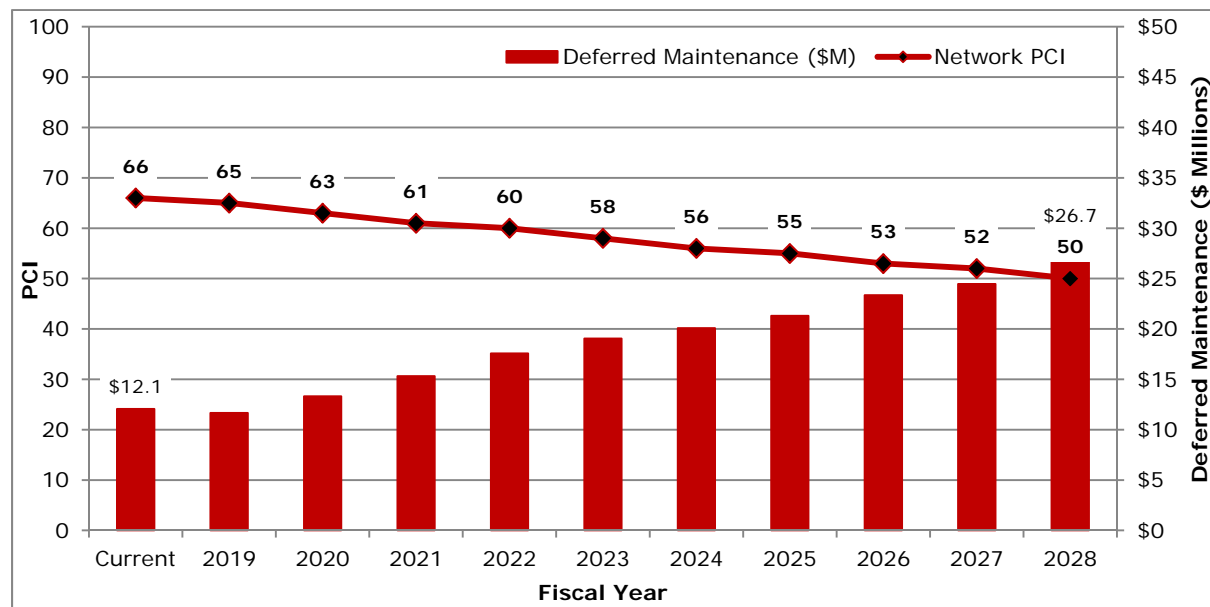


Figure 5: PCI vs. Deferred Maintenance for Scenario 1



Scenario 2: Maintain PCI at 66 (\$1.45 million per year)

In Scenario 2, an annual budget of approximately \$1.45 million will be needed to maintain the network PCI at 66 over the the next ten years. The deferred maintenance will increase slightly to \$13.1 million in 2028. More than three-quarters of the streets (77.2 percent) will be in the “Good” condition, while the amount of “Poor” and “Very Poor” condition streets will decrease to 21.8 percent. Table 6 and Figure 6 summarize the results from Scenario 2.

Table 6. Summary of Results for Scenario 2

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	1.45	14.50
Rehabilitation (\$M)	N/A	1.20	1.20	1.19	1.20	1.20	1.20	1.20	1.20	1.18	1.17	2.93
Preventive Maintenance (\$M)	N/A	0.25	0.25	0.26	0.25	0.25	0.25	0.25	0.25	0.27	0.28	0.27
Deferred Maintenance (\$M)	12.1	10.6	11.2	12.1	13.1	13.3	13.1	12.8	12.8	12.7	13.1	N/A
Treated PCI	66	67	66	66	65	65	65	65	66	66	66	N/A

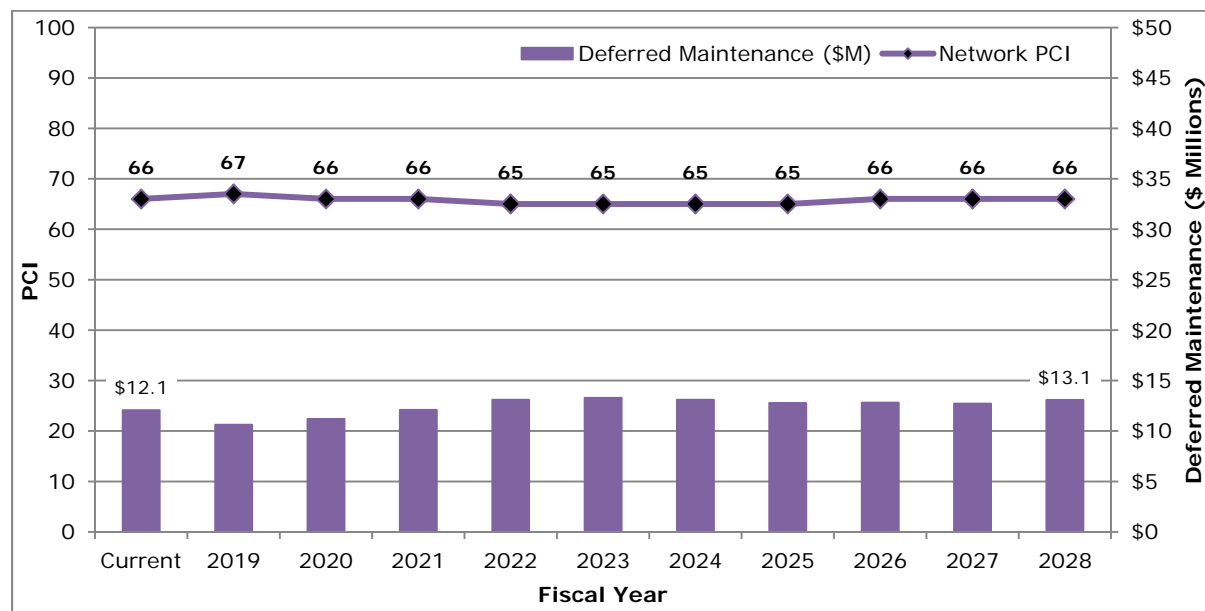


Figure 6: PCI vs. Deferred Maintenance for Scenario 2



Scenario 3: Improve PCI to 70 (\$1.7 million per year)

At an annual budget of \$1.7 million per year, the network PCI will improve to 70 over the next ten years. The deferred maintenance will decrease to \$10.1 million in 2028. Moreover, 81.7 percent of the network will be in “Good” condition, with 0.9 percent will be in “Fair” and the remainder (17.3 percent) will be in “Poor” or “Very Poor” conditions. Table 7 and Figure 7 summarize the results from Scenario 3.

Table 7. Summary of Results for Scenario 3

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	1.70	17.0
Rehabilitation (\$M)	N/A	1.45	1.45	1.45	1.45	1.45	1.44	1.45	1.44	1.44	1.43	14.4
Preventive Maintenance (\$M)	N/A	0.25	0.25	0.25	0.25	0.25	0.26	0.25	0.26	0.26	0.27	2.6
Deferred Maintenance (\$M)	12.1	10.4	10.7	11.3	12.1	12.0	11.5	10.7	10.4	10.1	10.1	N/A
Treated PCI	66	67	67	67	67	67	67	68	69	69	70	N/A

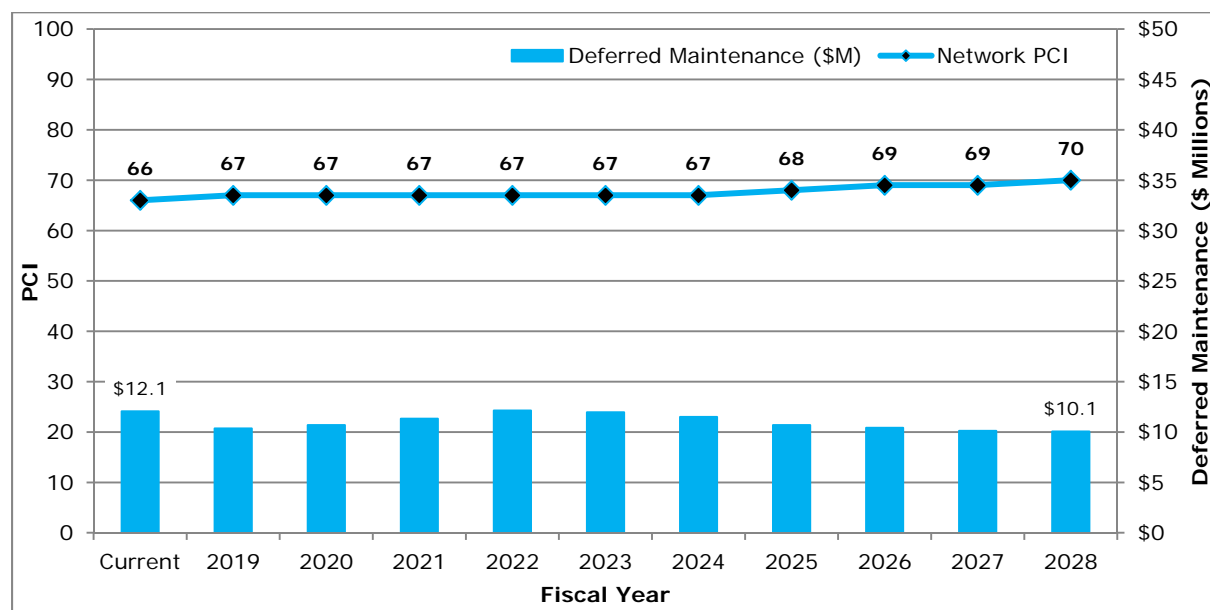


Figure 7: PCI vs. Deferred Maintenance for Scenario 3



Summary

Figures 8 and 9 compare the resulting PCIs and deferred maintenance for all budget scenarios.

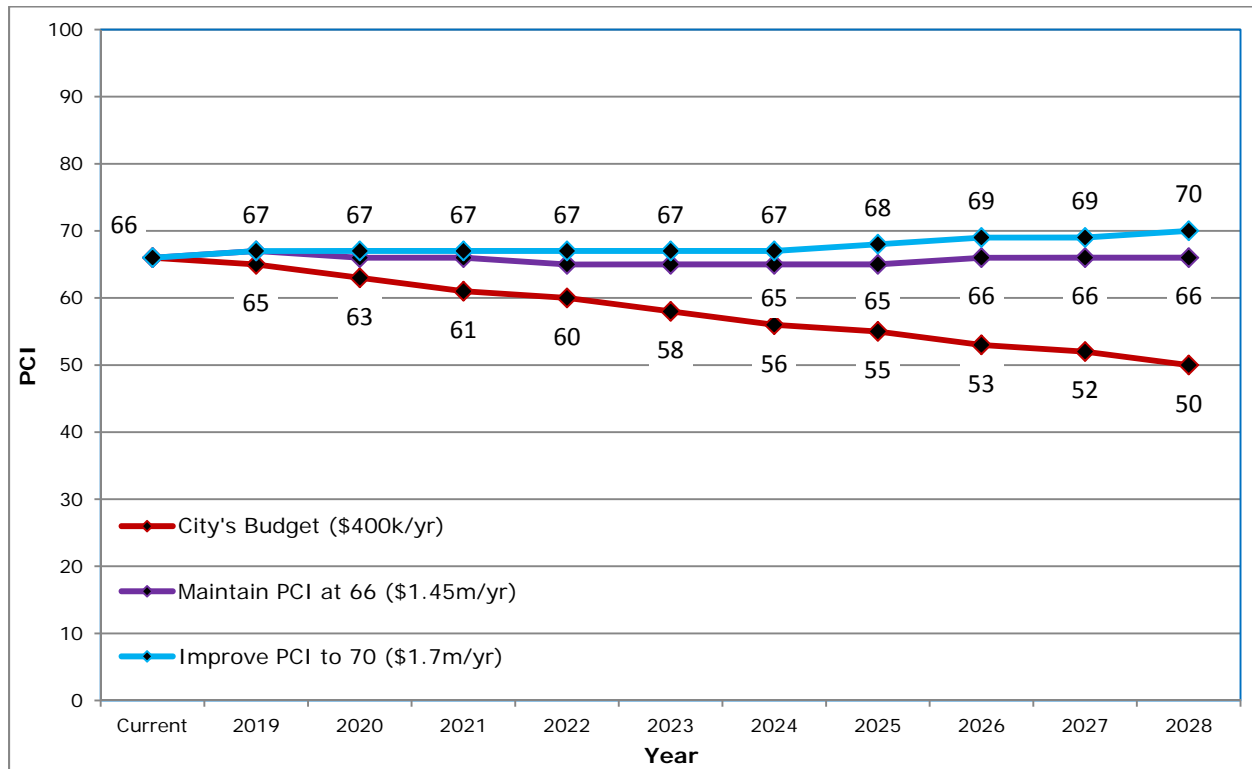


Figure 8: PCI Comparisons between Scenarios

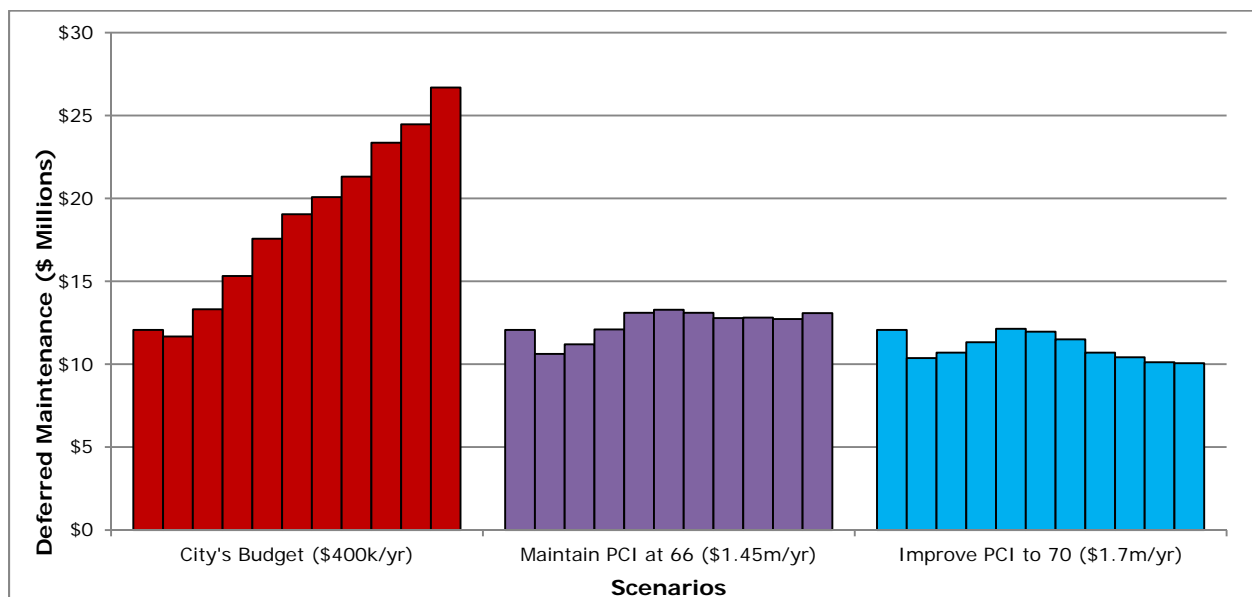


Figure 9: Deferred Maintenance Comparisons between Scenarios



Figure 10 compares the changes in the pavement condition distribution for the three budget scenarios. Currently, approximately half (55.5 percent) of the City streets are in "Good" condition and 21.2 percent are in either "Poor" or "Very Poor" condition. If the City continues to spend \$400,000 on paving projects (Scenario 1), the amount of "Poor" and "Very Poor" streets will grow to 44.1 percent within the next ten years. As funding increases in Scenarios 2 and 3, the amount of "Good" condition streets will continue to grow, and conversely, the amount of "Poor" and "Very Poor" condition streets will decrease.

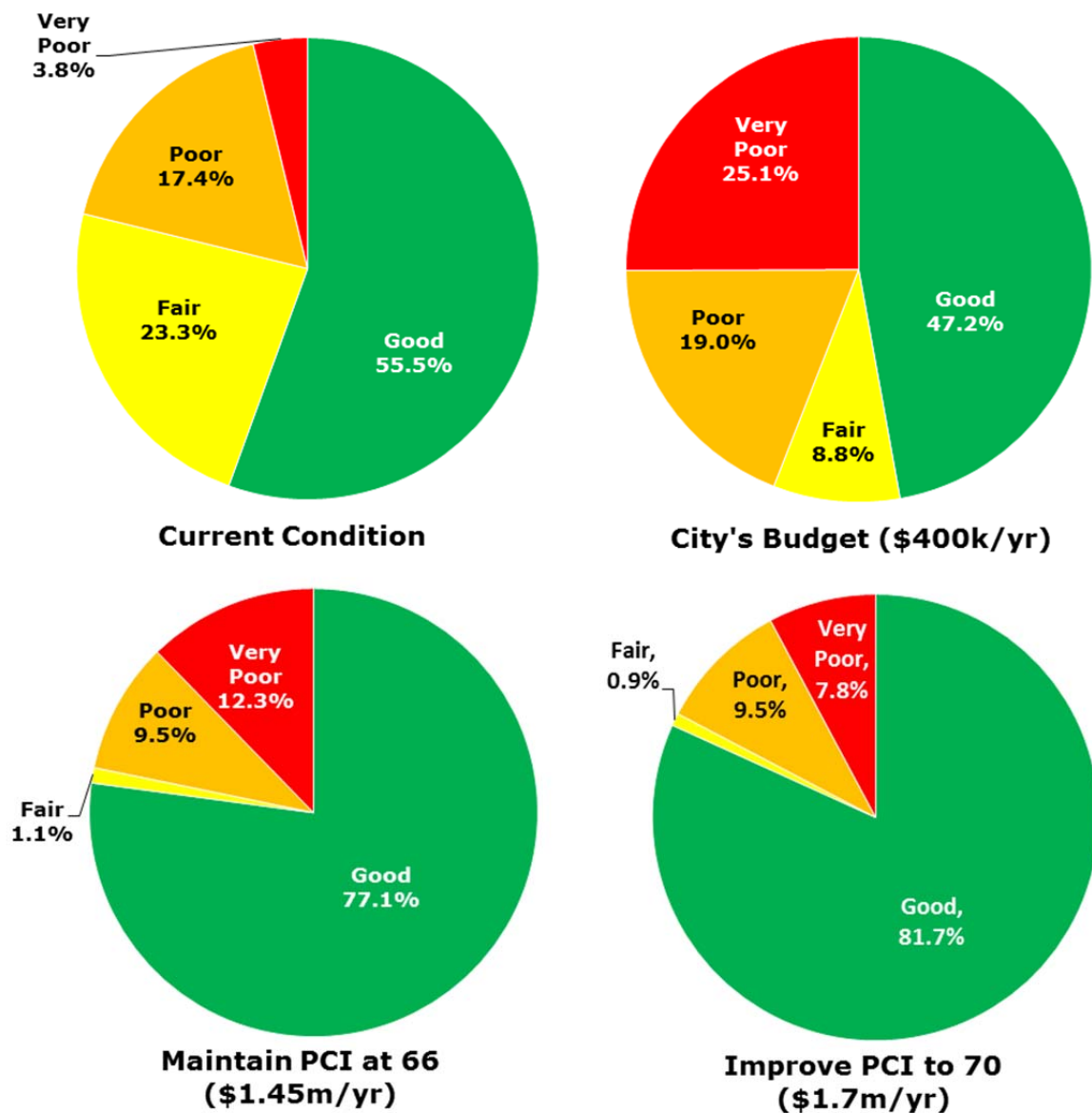


Figure 10: Pavement Condition Breakdown for All Scenarios



Recommendations

The City of Kingsburg has a substantial investment in its street network with an estimated total replacement cost of \$57.6 million. Overall, the street network is in the “Fair” condition with a citywide average PCI of 66. Based on the data collected and the scenario analyses, NCE recommends that the City implement the items listed below.

1. Pavement Funding

The City’s overall pavement network is in “Fair” condition. The network PCI will decrease to 42 if left untreated within the next ten years. NCE recommends that the City implements a paving program of approximately \$1.7 million per year (Scenario 3) as it will improve the City’s network condition to 70 while also decreasing the deferred maintenance. Improving the pavement condition to the “Good” category will allow the City to preserve the streets through preventive maintenance methods such as slurry seals which are significantly cheaper than overlays.

2. Pavement Maintenance Strategies

NCE recommends that the City consider alternative treatments such as Full-depth reclamation (FDR) and cold-in-place recycling (CIR)s which are alternatives to reconstruction and conventional overlays. These treatments could potentially offer cost savings of approximately 20 to 30 percent compared to conventional treatments.

Due to the relatively small size of each pavement project, NCE recommends that the City investigate the option of combining paving projects with neighboring agencies in order to take advantage of economies of scale.

3. Re-inspection Strategies

In order to monitor future pavement performance and on-going maintenance needs, NCE recommends that the City inspects the arterial and collector network every two years and the residential network every five to six years.

4. M&R Decision Tree

NCE recommends that the City review and update the M&R decision tree and the associated unit costs annually to reflect new construction techniques and changing costs so the funding analysis will continue to be reliable and accurate.



5. Additional Funding

NCE recommends that the City take advantage of SB 1 and actively pursue additional pavement funding sources if feasible. Some examples of funding sources are listed:

Federal

- Community Development Block Grants (CDBG)
- Congestion Mitigation & Air Quality Improvement (CMAQ)
- Surface Transportation Block Grant Program (STBG)
- Highway Safety Improvement Program (HSIP)

State

- State Transportation Improvement Program (STIP)
- Active Transportation Program (ATP)
- Vehicle License Fee (VLF)
- CalRecycle grants
- Transportation Development Act (TDA)

Local

- Local sales taxes
- Development impact fees
- Traffic impact and transportation mitigation fees
- Utility tax
- Parking and various permit fees
- Parcel taxes

Appendix A

Quality Control Plan



QC Plan

Pavement Management Program
2018



Point Richmond, CA
501 Canal Blvd. Suite I
Pt. Richmond, CA 94804



Fresno COG

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A. Resumes of Inspectors

1.0 INTRODUCTION

When performing data collection in any field, the need for quality control is paramount. This need for quality data is essential for accurate planning, analysis and design. NCE's "Quality Assurance Management Plan" (QAMP), which was last revised in March 2009, affirms that:

"NCE is dedicated to achieving technical and management excellence and to delivering professional engineering and environmental services that meet or exceed our clients' needs. NCE's Quality Assurance (QA) Program is designed to achieve these goals. This QA Management Plan (QAMP) describes NCE's QA Program, which is based on four principles: client satisfaction, employee participation, problem prevention, and continuous quality improvements."

NCE's QAMP establishes minimum quality standards for performance and procedures for assuring that our clients receive quality service. It requires the participation of employees at every level. It encourages Project Managers and technical staff to take pride in their work and responsibility for ensuring that the work is done correctly the first time. The program is designed to reduce the incidence of problems related to quality and results in implementation, where necessary, of corrective actions and modification of work procedures to minimize the incidence of future problems.

NCE has also prepared detailed and specific Quality Control Plans for projects, and the most notable example is for the **Long Term Pavement Performance (LTPP) – Western Regional Support Contract** for the Federal Highway Administration. This is a 150 page document that covers data collection on highways, including deflection, profile, pavement distresses, traffic, maintenance and rehabilitation history, materials testing and sampling as well as a document control.

1.1 Objectives

This document constitutes a formal Quality Control Plan (QCP) for the Fresno Council of Governments to include The Cities of Colinga, Firebaugh, Fowler, Huron, Kingsburg, Mendota, Orange Grove, San Joaquin and Selma (OCG). Specifically, it is intended for the 2018 Pavement Management Program Update project. The focus is on data collection issues.

1.2 Structure

The following components are addressed in this QC Plan:

- Condition survey procedures used
- Accuracy required for data collection
- Inspector qualifications and experience
- Safety

2.0 QUALITY CONTROL PLAN

2.1 Condition Survey Procedure

The governing documents in performing condition surveys are:

- “PAVER™ Pavement Distress Identification Manual for Asphalt Surfaced Roads and Parking Lots”, US Army Corps of Engineers ERDC-CERL June 2009.
- “PAVER™ Pavement Distress Identification Manual for Concrete Surfaced Roads and Parking Lots”, US Army Corps of Engineers ERDC-CERL June 2009.

Any exceptions to the above procedures are discussed with the agency before any surveys are performed. These are usually related to distresses or situations that are not covered in the manuals. Examples include slippage cracks, roller check marks or edge cracking on streets with no curbs and gutters. Others include the use of seals or open-graded asphalt concrete mixes. Any modifications must be documented and submitted to the City for approval.

All surveys are performed as **walking** surveys, and a minimum 10% sampling rate is utilized. Field crews are typically composed of a one-person crew on residential streets and some collectors, and up to two-person crews for major arterials, depending on traffic volumes and speeds. The safety of field personnel is paramount in all instances.

The sample unit selected must be representative of the entire pavement section. This assumes that the section is homogeneous; if it is not homogeneous, then the section must be split according to the criteria agreed upon by the agency. Typically, the criteria used are:

- Pavement condition
- Construction age, if known
- Maintenance history, if known
- Traffic volumes (or functional classification as a surrogate)
- Surface types e.g. asphalt concrete or Portland cement concrete
- Geometric elements e.g. widths

Any modifications to the section inventory data will be documented and provided to the City.

Typical sample unit dimensions are 100 ft long by the width of the street. Since the maximum size of a sample unit allowed under StreetSaver is 4000 sf, streets that are wider than 40 feet wide will have shorter lengths (generally 50 feet) or if they are divided by a raised median, separate sample units taken in each direction.

Any pavement areas that are not representative of the section will be noted and surveyed as a special sample unit.

2.2 Accuracy Required For Data Collection

The accuracy required for data collection has two components, both of which are further described in the following paragraphs.

- Re-inspections
- PCI comparisons with past surveys

2.2.1 Random and Systematic Re-inspection

A minimum of 5% of the total sample units will be re-inspected and this 5% will be selected based on both a random and a systematic basis. All re-inspections are made by an engineer or inspector other than the original inspector.

Random Re-inspections

Random re-inspections will include a representative selection across the following categories:

- Functional classes i.e. arterials, collectors, locals;
- Surface types e.g. asphalt concrete or Portland cement concrete;
- Pavement conditions e.g. good, fair, poor;
- Inspectors;
- Geographical areas, if applicable.

Systematic Re-inspections

For systematic re-inspections, this could be due to noticed trends such as specific treatment types (e.g. open-graded mixes), a specific inspector or geographical area. In such cases, more than 5% will be re-inspected.

Acceptability Criteria

At the time of re-inspection, the actual distresses will be re-inspected and verified, and any corrections made, if necessary. The following acceptance criteria shall be applied to the re-inspection as required by the Metropolitan Transportation Commission (MTC):

- 1) At least 50 percent of the PCI values for the re-inspected sections must be within +/- 5 PCI points of the original inspection PCI values.
- 2) No more than 12 percent of the PCI values for the re-inspected sections can be greater than +/- 15 PCI points of the original inspection PCI values

If the above acceptance criteria are not met then an additional 5% will be re-inspected. This will continue until the re-inspected sections meet the acceptability criteria.

2.2.2 PCI Comparison with Past Surveys

As another level of quality control, the new PCIs are compared with the previous PCI. If they differ by more than ± 15 PCI points, these sections are automatically flagged for further investigation.

If PCI is +15 points:

The section is investigated to see if a maintenance and rehabilitation event has occurred since the last survey, but which has not been recorded. This can only be resolved with feedback from the agency. Typically, it may include activities such as:

- Crack sealing activities – changes medium or high severity cracking to low severity
- Patching activities - alligator cracking that has been removed and patched, so that the resultant PCI is increased.
- Surface seals
- Overlays

If PCI is -15points

The section is checked to see if the average deterioration rate (usually 3 to 4 points per year) is exceeded. If the drop in PCI is within the range of what is acceptable, no further action is required. If the drop is more than the acceptable range, a re-inspection will be performed. The default performance curves in the StreetSaver program are the basis for what is acceptable.

2.3 Inspectors Qualification and Experience

All NCE's inspectors are required to attend formal training on condition distress surveys. For example, any of NCE's inspectors working on the LTPP project are required to attend a week-long training workshop every year to maintain their certifications. The Regional Transportation Commission (RTC) of Washoe County requires inspectors to be calibrated prior to performing any work using the ASTM D6433 protocols (also known as the MicroPAVER surveys).

Similarly, in agencies that use the MTC StreetSaver system, NCE's inspectors attend the distress training conducted by MTC. After the formal training, they work with an experienced inspector before they are allowed to work on their own. Within the first month of working on their own, up to 20% of their work is checked weekly. Any necessary corrections are made immediately.

Finally, NCE conducts a one-day training and calibration workshop for all NCE staff involved with data collection. This is conducted once a year.

Resumes of NCE's technicians utilized on this project are included in Appendix A.

3.0 SAFETY PROCEDURE

NCE administers a health and safety program in compliance with the Nevada Occupational Safety and Health act (Section 618.383) and Cal OSHA Title VIII, Section 3203. The program is documented in NCE's *Workplace Safety Program Manual*.

Generally, the safety procedures include:

- Inspectors to wear a safety vest at all times;
- Flashing beacon on all vehicles utilized for surveys; and
- Stopped vehicles to be parked at locations away from moving traffic e.g. nearby parking, shoulders etc.

On streets where there is a high volume of traffic or high speeds, additional measures may be necessary, such as:

- Surveys to occur during off-peak periods or on weekends;
- Additional inspector to watch out for traffic; and
- Traffic flaggers in extreme cases.

In extreme cases where it is not possible to walk on the pavement surface, surveys will be performed from sidewalks or raised medians. However, this is extremely rare for city or county roads/streets; this is most often encountered on state highways, and lane closures are the most likely option at this point.

APPENDIX A
RESUMES OF FIELD INSPECTORS

Franc Escobedo

Engineering Field Technician

Mr. Franc Escobedo has over 15 years of experience as a pavement management technician for NCE. He has performed numerous pavement condition inspections throughout California, Idaho, and Washington. His experience includes distress collection across various Pavement Management Systems including the Metropolitan Transportation Commission StreetSaver, PAVER, Cartegraph, and Hansen systems.

Additionally, Mr. Escobedo has completed both the OCTA PAVER and MTC "Distress Identification" courses for both Asphalt Concrete and Portland Cement Pavements and now assists with the training of agency staff on both courses.

Mr. Escobedo performs all activities relating to pavement data collection using hardcopy forms or tablets. As part of the quality control process, he performs cross-checks of data in the PMS database. He also regularly performs quality control checks of field collected data and pavement maintenance history to ensure that PMS databases are accurate and up-to-date. During this process, he also generates detailed reports, which are necessary to perform his cross-checks of the collected data.

His field experience and expertise are added benefits to agencies during field training. Listed below are a collection of agencies for which Mr. Escobedo has performed condition inspections – they total over 6,000 centerline miles of roads and streets.

Representative Projects

Pavement Management

Pavement Management Inspections | Engineering Field Technician

 Ada County, Idaho	 Hayward	 San Diego County
 Agoura Hills	 Hillsborough	 San Dimas
 Anaheim	 Humboldt County	 San Ramon
 Antioch	 Inyo County	 Santa Cruz County
 Bakersfield	 La Habra	 Santa Maria
 Bell	 Lake County	 Seal Beach
 Buena Park	 Lake Forest	 Siskiyou County
 Camarillo	 Lemon Grove	 South Lake Tahoe
 Chula Vista	 Marin County	 Stanislaus County
 Commerce	 Martinez	 Stanton
 Corona	 Mendocino County	 Thousand Oaks
 Cudahy	 Milpitas	 Torrance
 Dana Point	 Mission Viejo	 Tulare
 Davis	 Mono County	 Tuolumne County
 El Centro	 Mountain View	 Tustin
 El Cerrito	 Newark	 Vallejo
 Elk Grove	 Orange County	 Vernon
 Encinitas	 Palm Springs	 Vista
 Fairfield	 Redwood City	 Walnut Creek
 Fremont	 San Clemente	 West Covina
 Fullerton		 West Sacramento

Projects included various forms of inspections for pavement distress data collection, such as walking, windshield, and/or semi-automated.



Education

Computer Operations Program
Computer Learning Center, Los Angeles, CA, 1983-84
Network Engineering & Administrative Program
Computer Learning Center, Anaheim, CA, 1997
Certified Network Administration
Computer Learning Center, Anaheim, CA 1997

Registrations and Certifications

OCTA PAVER Certification 2016
MTC StreetSaver Rater Certification Program (expires September 2019)

Joined NCE

2004

Total Years of Experience

15

David Bivins

Senior Engineering Technician

Mr. Bivins has over 17 years of experience as a pavement management technician. As a senior technician, his experience extends beyond data collection for pavement distresses. Mr. Bivins is one of NCE's most experienced distress collectors and a primary choice for working with and training of our clients in field data collection activities.

Mr. Bivins performs all functions relating to data collection using paper forms or a tablet. As part of the quality control process, he performs cross-checks of data in the PMS database. He has performed quality control checks of field collected data and pavement maintenance history to ensure that PMS databases are accurate and up-to-date. During this process, Mr. Bivins also generates detailed reports, which are needed to help perform his cross-checks of the collected data.

His field experience and expertise is an added benefit to agencies during field training. Having performed data collection for agencies all over the State of California, Mr. Bivins has a depth of experience related to pavement types and conditions from performing condition surveys on more than 15,000 centerline miles of roads and streets. In addition, Mr. Bivins is proficient and certified in the two most popular distress identification procedures – PAVER and StreetSaver. He attends annual in-house training and assists in training local agencies on distress identification and collection procedures.



Education

Civil Engineering Courses
San Francisco State University, 1994
AutoCAD Advanced Course
CAD Masters, Walnut Creek, CA, 1997

Registrations and Certifications

MTC StreetSaver Rater Certification
Program (expires September 2019)

Joined NCE

2011

Total Years of Experience

17 years

Representative Projects



Pavement Management













Pavement Management System Updates | Senior Field Technician

Various Cities and Counties, CA

Projects included various forms of surveys for pavement distress data collection, this may have included walking, windshield, and/or semi-automated.

-  Ada County, ID
-  Alameda County
-  Albany
-  Buena Park
-  Campbell
-  Chula Vista
-  Citrus Heights
-  Danville
-  Davis
-  East Bay Regional Park District
-  Elk Grove
-  Fairfield
-  Folsom
-  Fremont

-  Fullerton
-  Hayward
-  Humboldt County
-  Inyo County
-  Lafayette
-  Lake County
-  Los Gatos
-  Mammoth Lakes
-  Marin County
-  Mendocino County
-  Mission Viejo
-  Modesto
-  Newark
-  Orinda

-  Pebble Beach
-  Placer County
-  San Bruno
-  San Mateo County
-  Santa Barbara County
-  Santa Cruz
-  Santa Cruz County
-  Santa Rosa
-  Stanislaus County
-  Stanton
-  Torrance
-  West Sacramento

Jacob Rajnowski

Field Technician

Mr. Rajnowski joined NCE in 2016 as a pavement management technician and is experienced in collecting distress data and coring samples for pavement management systems. He is currently collecting pavement distress data for the Counties of Sonoma and Lake.

He is certified by the Metropolitan Transportation Commission's (MTC) to perform pavement distress inspections; the certification testing involves passing a rigorous field test.

Apart from conducting field inspections, Mr. Rajnowski performs all functions related to data collection and is an active participant in the QC process, including crosschecks of data in the PMS database, quality control checks of field collected data and pavement maintenance history to ensure that PMS databases are accurate and up to date. During this process, detailed reports are generated to perform crosschecks of the data collected. Additionally, Mr. Rajnowski has completed the OCTA PAVER™ 'Distress Identification' course for Asphalt Concrete and Portland Cement Pavements. He has performed condition surveys at San Francisco since 2016.



Education

Sterling High School, Sterling, IL, 2003

Joined NCE

2016

Registrations and Certifications

OCTA PAVER Certification 2017
MTC Certification 2016

Total Years of Experience

2 years


















Representative Projects

Pavement Management

Pavement Management System Updates / Field Technician

Various Cities and Counties, CA

Projects included various forms of surveys for pavement distress data collection, this may have included walking, windshield, and/or semi-automated.

-  Ada County, ID
-  Buena Park
-  Half Moon Bay
-  Humboldt County
-  Lake County
-  Lincoln
-  Martinez
-  Mission Viejo
-  Moreno Valley
-  Placer County
-  Pleasant Hill
-  San Francisco
-  Sonoma County
-  Stockton
-  Trinity County
-  Ventura County
-  Walnut Creek
-  Yolo County

Appendix B

Section Description Inventory Section PCI Listing - Street Network

- I. Sorted by Street Name**
- II. Sorted by Descending PCI**
- III. Gravel Streets**

Section Description Inventory Report

This report lists a variety of section description information for each of the City's street pavement sections. It lists the street and section identifiers, limits, functional class, surface type, number of lanes, lengths, widths, and inspected PCI.

All of the City's vehicular street sections are included in the report. The report is sorted alphabetically by Street Name and Section ID and by descending PCIs. The field descriptions in this report are listed.

A list of gravel streets are also included.

Header	Description
STREET ID	Street identification in StreetSaver® unique for each street
STREET NAME	The name of the street as indicated by street signs in the field
SECTION ID	Section identification number in StreetSaver® unique for each section of one street
BEG LOCATION	Beginning limit of the section
END LOCATION	Ending limit of the section
LENGTH (FT)	Length of the section in feet
WIDTH (FT)	Average width of the section in feet
AREA (SF)	Area of the section in square feet
FC	Functional Classification (A – Arterial, C – Collector, R – Residential/Local, O – Other/Alley)
# OF LANES	Number of travel lanes of the section
SURFACE TYPE	Surface Type (AC = Asphalt Concrete Pavement, AC/AC = AC Overlay of AC Pavement, Gravel = Gravel)
PCI DATE	Last pavement inspection date
PCI	Average inspected PCI for the section.

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
10TH	10TH AVE	0100	COUNTY LINE	CODY LN	965	36	34,740	C	2	AC	2/11/2019	72
10TH	10TH AVE	0200	CODY LN	MEHLERT ST	640	45	28,800	C	2	AC	2/11/2019	63
10TH	10TH AVE	0300	MEHLERT ST	ROOSEVELT ST	960	47	45,120	C	2	AC	2/11/2019	78
10TH	10TH AVE	0400	ROOSEVELT ST	MARIPOSA ST	1,023	37	37,851	C	2	AC	2/11/2019	77
10TH	10TH AVE	0500	MARIPOSA ST	PAVEMENT CHANGE	860	36	30,960	C	2	AC	2/11/2019	80
10TH	10TH AVE	0600	SIERRA ST	UNION ST	808	55	44,440	C	2	AC	3/19/2019	81
10TH	10TH AVE	0700	UNION ST	211' N/O VENTURA	572	32	18,304	C	2	AC	3/19/2019	56
10TH	10TH AVE	0800	211' N/O VENTURA ST	CITY LIMIT	411	36	14,796	C	2	AC	3/19/2019	95
10TH	10TH AVE	0900	STROUD AVE	135' N/O VINEYARD WAY	393	48	18,864	C	2	AC	3/19/2019	51
10TH	10TH AVE	1000	135' N/O VINEYARD WAY	CITY LIMIT	666	43	28,638	C	2	AC	3/19/2019	61
11TH	11TH AVE	0100	RAYSER ST	KERN ST	674	37	24,938	R	2	AC	2/11/2019	62
11TH	11TH AVE	0200	SKANSEN ST	HOWARD ST	304	37	11,248	R	2	AC	1/29/2019	87
11TH CT	11TH CT	0100	CODY LN	SKYLE AVE	333	36	11,988	R	2	AC	1/10/2019	69
11TH CT	11TH CT	0200	WARKENTIN	END N	180	20	3,600	R	2	AC	3/19/2019	27
12TH	12TH AVE	0100	AVE 392	MEHLERT ST	1,297	37	47,989	R	2	AC	1/10/2019	73
12TH	12TH AVE	0150	MELHERT ST	KERN ST	1,309	37	48,433	R	2	AC	2/11/2019	56
12TH	12TH AVE	0200	SIERRA ST	UNION ST	781	56	43,736	R	2	AC	1/23/2019	21
12TH	12TH AVE	0300	UNION ST	WINTER ST	645	56	36,120	R	2	AC	1/23/2019	35
12TH	12TH AVE	0400	WINTER ST	WINDSOR DR	394	37	14,578	R	2	AC	1/23/2019	77
12TH	12TH AVE	0500	KLEPPER ST	SILVERBROOKE ST	970	36	34,920	R	2	AC	1/29/2019	82
12TH	12TH AVE	0600	STROUD AVE	KLEPPER ST	1,330	36	47,880	R	2	AC	1/29/2019	63
14TH	14TH AVE	0100	14TH ST	RAYSER ST	860	36	30,960	R	2	AC	1/10/2019	71
14TH	14TH AVE	0200	RAYSER ST	MEHLERT ST	607	36	21,852	R	2	AC	1/10/2019	72
14TH	14TH AVE	0300	SIERRA ST	VENTURA AVE	1,131	45	50,895	R	2	AC	1/23/2019	93
14TH	14TH AVE	0400	VENTURA AVE	STROUD AVE E	1,499	45	67,455	R	2	AC	1/23/2019	91
14TH	14TH AVE	0500	HEMMA ST	AZALEA ST	452	33	14,916	R	2	AC	1/29/2019	72
14TH	14TH AVE	0600	AZALEA ST	NORTH END	507	33	16,731	R	2	AC	1/29/2019	81
14TH	14TH AVE	0700	STROUD AVE	KLEPPER ST	1,333	45	59,985	R	2	AC	2/4/2019	34
14TH	14TH AVE	0800	KLEPPER ST	HOWARD ST	620	54	33,480	R	2	AC	1/29/2019	67
14TH	14TH AVE	0900	SILVERBROOKE ST	KAMM ST	302	37	11,174	R	2	AC	1/24/2019	78
15TH	15TH AVE	0100	AZALEA ST	BELLFLOWER ST	325	33	10,725	R	2	AC	1/15/2019	87
15TH	15TH AVE	0200	WILSON WAY	STROUD AVE E	498	37	18,426	R	2	AC	1/26/2019	77
15TH	15TH AVE	0300	KAMM ST	HEMMA ST	284	37	10,508	R	2	AC	1/29/2019	71
15TH	15TH AVE	0500	STROUD AVE	KLEPPER ST	1,300	36	46,800	R	2	AC	1/29/2019	37
15TH	15TH AVE	0600	KLEPPER ST	HOWARD ST	459	36	16,524	R	2	AC	1/26/2019	41
15TH C	15TH CT	0100	HEMMA ST	NORTH END	198	33	6,534	R	2	AC	1/15/2019	75
16TH	16TH AVE	0100	SIERRA ST	WINTER ST	1,442	53	76,426	R	2	AC	2/4/2019	27
16TH	16TH AVE	0200	WINDSOR DR	STROUD AVE	808	33	26,664	R	2	AC	2/4/2019	49
16TH	16TH AVE	0300	STROUD AVE	KLEPPER ST	1,307	33	43,131	R	2	AC	2/4/2019	49
16TH	16TH AVE	0400	KLEPPER ST	HOWARD ST	466	34	15,844	R	2	AC	1/29/2019	70
16TH	16TH AVE	0500	HEMMA ST	NORTH END	196	33	6,468	R	2	AC	1/15/2019	67
16TH	16TH AVE	0600	AZALEA ST	BELLFLOWER ST	335	33	11,055	R	2	AC	1/15/2019	89
17TH	17TH AVE	0100	WINTER ST	STROUD AVE E	1,143	37	42,291	R	2	AC	1/23/2019	58
17TH	17TH AVE	0200	STROUD AVE E	KLEPPER ST	1,305	32	41,760	R	2	AC	2/4/2019	43
17TH	17TH AVE	0300	KLEPPER ST	HOWARD ST	460	34	15,640	R	2	AC	2/4/2019	66
17TH	17TH AVE	0400	HEMMA ST	AZALEA ST	469	37	17,353	R	2	AC	1/29/2019	79
17TH	17TH AVE	0500	AZALEA ST	CARNATION ST	499	33	16,467	R	2	AC	1/29/2019	84
18TH	18TH AVE	0250	KERN ST	EARL ST	1,309	40	52,360	A	2	AC	2/11/2019	40
18TH	18TH AVE	0300	EARL ST	SIERRA ST	1,211	37	44,807	A	2	AC	2/11/2019	63
18TH	18TH AVE	0400	SIERRA ST	WINTER ST	1,450	38	55,100	A	2	AC	1/29/2019	80
18TH	18TH AVE	0500	WINTER ST	STROUD AVE	1,140	38	43,320	A	2	AC	1/29/2019	73
18TH	18TH AVE	0600	STROUD AVE	KLEPPER ST	1,285	60	77,100	A	2	AC	1/29/2019	50

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
18TH	18TH AVE	0700	KLEPPER ST	320' N/O KLEPPER ST	320	60	19,200	A	2	AC	1/29/2019	41
18TH	18TH AVE	0800	105' S/O KAMM AVE	160' N/O SOLIG ST	910	38	34,580	A	2	AC	1/29/2019	25
19TH	19TH AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	34	35,972	R	2	AC	1/10/2019	75
19TH	19TH AVE	0200	PLUMAS ST	SIERRA ST	918	34	31,212	R	2	AC	1/10/2019	80
19TH	19TH AVE	0300	WINTER ST	STROUD AVE E	1,153	37	42,661	R	2	AC	1/23/2019	71
19TH	19TH AVE	0400	STROUD AVE E	END N	586	37	21,682	R	2	AC	1/11/2019	61
19TH	19TH AVE	0500	NELSON WAY	HOWARD ST	1,147	37	42,439	R	2	AC	1/23/2019	77
20TH	20TH AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	34	35,972	R	2	AC	1/10/2019	93
20TH	20TH AVE	0200	PLUMAS ST	SIERRA ST	918	34	31,212	R	2	AC	1/10/2019	93
20TH	20TH AVE	0300	WINTER ST	WINDSOR DR	306	38	11,628	R	2	AC	1/11/2019	65
20TH	20TH AVE	0400	END S	STROUD AVE E	551	37	20,387	R	2	AC	1/11/2019	79
20TH	20TH AVE	0500	STROUD AVE EAST	NORTH END	711	37	26,307	R	2	AC	1/15/2019	91
20TH	20TH AVE	0600	NELSON WAY	KLEPPER ST	516	37	19,092	R	2	AC	1/23/2019	80
21ST	21ST AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	27	28,566	R	2	AC	1/10/2019	93
21ST	21ST AVE	0200	PLUMAS ST	SIERRA ST	918	26	23,868	R	2	AC	1/10/2019	78
21ST	21ST AVE	0300	WINTER ST	CAROLYN ST	820	37	30,340	R	2	AC	1/23/2019	56
21ST	21ST AVE	0400	ERLING WAY	SOPHIA LN	606	37	22,422	R	2	AC	1/11/2019	89
21ST	21ST AVE	0500	SOPHIA LN	KLEPPER ST	308	37	11,396	R	2	AC	1/23/2019	91
21ST	21ST AVE	0600	KLEPPER ST	SKANSEN ST	315	37	11,655	R	2	AC	1/15/2019	65
22ND	22ND AVE	0100	ORANGE ST	SIERRA ST	1,291	36	46,476	R	2	AC	1/10/2019	50
22ND	22ND AVE	0200	WINTER ST	CAROLYN ST	774	36	27,864	R	2	AC	1/11/2019	59
22ND	22ND AVE	0300	CAROLYN ST	STROUD AVE E	350	51	17,850	R	2	AC	1/11/2019	53
22ND	22ND AVE	0400	STROUD AVE E	ERLING WAY	311	37	11,507	R	2	AC	1/15/2019	89
22ND	22ND AVE	0500	ERLING WAY	SOPHIA LN	606	37	22,422	R	2	AC	1/11/2019	50
22ND	22ND AVE	0600	SKANSEN ST	HOWARD ST	279	37	10,323	R	2	AC	1/23/2019	63
22ND CT	22ND CT	0100	SOLIG ST	END	207	32	6,624	R	2	AC	1/29/2019	87
23RD	23RD AVE	0100	ORANGE ST	PLUMAS ST	448	36	16,128	R	2	AC	1/10/2019	56
23RD	23RD AVE	0200	WINTER ST	CAROLYN ST	773	36	27,828	R	2	AC	1/11/2019	34
23RD	23RD AVE	0300	SOPHIA LN	SKANSEN ST	684	37	25,308	R	2	AC	1/23/2019	71
23RD	23RD AVE	0400	SILVERBROOKE ST	KAMM AVE	296	37	10,952	R	2	AC	1/23/2019	78
23RD	23RD AVE	0500	SOLIG ST	AZALEA ST	290	32	9,280	R	2	AC	1/29/2019	87
23RD CT	23RD CT	0100	END	SOLIG ST	205	32	6,560	R	2	AC	1/29/2019	87
24TH	24TH AVE	0100	WINTER ST	CAROLYN ST	773	37	28,601	R	2	AC	1/11/2019	40
24TH	24TH AVE	0200	STROUD AVE E	SOPHIA LN	949	37	35,113	R	2	AC	1/23/2019	65
24TH CT	24TH CT	0100	END	SOLIG ST	206	32	6,592	R	2	AC	1/29/2019	87
25TH	25TH AVE	0100	WINTER ST	CAROLYN ST	781	37	28,897	R	2	AC	1/11/2019	38
25TH	25TH AVE	0200	HOWARD ST	SILVERBROOKE ST	329	37	12,173	R	2	AC	1/15/2019	73
25TH	25TH AVE	0300	HEMMA ST	AZALEA ST	585	32	18,720	R	2	AC	1/29/2019	87
396	AVE 396	0100	18TH AVE	CITY LIMIT	155	41	6,355	A	2	AC	3/19/2019	46
5TH	5TH AVE	0100	KERN ST	MARIPOSA ST	802	37	29,674	R	2	AC	2/11/2019	60
6TH	6TH AVE	0100	E CLARKSON AVE	WIDTH CHANGE	662	26	17,212	C	2	AC	2/11/2019	37
6TH	6TH AVE	0200	WIDTH CHANGE	MEHLERT ST	688	16	11,008	C	2	AC	2/11/2019	33
6TH	6TH AVE	0300	MEHLERT ST	KERN ST	1,320	28	36,960	C	2	AC	2/11/2019	38
6TH	6TH AVE	0400	KERN ST	NEVADA ST	999	37	36,963	C	2	AC	2/11/2019	95
6TH	6TH AVE	0500	NEVADA ST	QUINCY ST	970	37	35,890	C	2	AC	2/11/2019	95
6TH	6TH AVE	0600	QUINCY ST	SIERRA ST	774	37	28,638	C	2	AC	2/11/2019	95
7TH	7TH AVE	0100	MEHLERT ST	ROOSEVELT ST	924	37	34,188	R	2	AC	2/11/2019	29
7TH	7TH AVE	0200	MARIPOSA ST	PLUMAS ST	893	37	33,041	R	2	AC	2/11/2019	63
8TH	8TH AVE	0100	S END	RAYSER ST	514	37	19,018	R	2	AC	2/11/2019	56
8TH	8TH AVE	0150	KERN ST	MARIPOSA ST	637	37	23,569	R	2	AC	2/11/2019	28
8TH	8TH AVE	0200	MARIPOSA ST	PLUMAS ST	890	37	32,930	R	2	AC	2/11/2019	49
9TH AVE	9TH AVE	0100	MEHLERT ST	RAYSER ST	630	36	22,680	R	2	AC	2/11/2019	56

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
ACADEMY	ACADEMY AVE	0100	KAMM ST	1,300' N/O KAMM	1,300	21	27,300	R	2	AC	1/29/2019	56
ACADEMY	ACADEMY AVE	0200	1300' N/O KAMM	CARUTHERS AVE	1,300	21	27,300	R	2	AC	1/24/2019	55
ASLAN	ASLAN WAY	0100	14TH AVE	12TH AVE	615	36	22,140	R	2	AC	1/29/2019	76
AVE A	AVENUE A	0100	LINDQUIST ST WEST	NORTH END	1,285	37	47,545	R	2	AC	1/29/2019	71
AVE B	AVENUE B	0100	MEADOW LN WEST	SIERRA ST	552	37	20,424	R	2	AC	1/29/2019	82
AVE B	AVENUE B	0200	SIERRA ST	VENTURA ST	1,067	45	48,015	R	2	AC	1/29/2019	89
AVE C	AVENUE C	0100	MEADOW LN WEST	NORTH END	286	37	10,582	R	2	AC	1/29/2019	71
AVE D	AVENUE D	0100	NEVADA ST WEST	LINDQUIST ST	574	37	21,238	R	2	AC	1/30/2019	87
AVE D	AVENUE D	0200	LINDQUIST ST WEST	MEADOW LANE WEST	1,055	37	39,035	R	2	AC	1/31/2019	93
AVE D	AVENUE D	0300	MEADOW LANE WEST	FOREST ST WEST	271	37	10,027	R	2	AC	3/19/2019	68
AVE E	AVENUE E	0100	AVE D	LINDQUIST ST WEST	480	37	17,760	R	2	AC	2/4/2019	84
AVE E	AVENUE E	0200	FOREST ST WEST	SIERRA ST	313	27	8,451	R	2	AC	1/29/2019	77
AVE F	AVENUE F	0100	LAKE ST	MARIPOSA ST	259	37	9,583	R	2	AC	1/29/2019	78
AVE F	AVENUE F	0200	NEVADA ST	LINDQUIST ST	299	37	11,063	R	2	AC	1/29/2019	82
AVE F	AVENUE F	0300	SUNSET ST	MEADOW ST	250	37	9,250	R	2	AC	1/29/2019	81
AVE F	AVENUE F	0400	MEADOW ST WEST	NORTH END	509	37	18,833	R	2	AC	1/29/2019	74
AZALEA	AZALEA ST	0100	17TH AVE	14TH AVE	1,040	33	34,320	R	2	AC	1/29/2019	79
AZALEA	AZALEA ST	0200	MADSEN ST	23RD ST	964	32	30,848	R	2	AC	1/29/2019	87
BELLFLO	BELLFLOWER ST	0100	16TH AVE	15TH AVE	270	33	8,910	R	2	AC	1/29/2019	84
BERGREN	BERGREN CT	0100	19TH AVE	END E	356	37	13,172	R	2	AC	1/23/2019	60
BETHEL S	BETHEL AVE SOUTH	0100	KERN WEST	NEVADA ST WEST	835	48	40,080	C	4	AC	1/8/2019	72
BETHEL S	BETHEL AVE SOUTH	0200	NEVADA ST WEST	MEADOWS LN WEST	1,125	48	54,000	C	4	AC	1/8/2019	79
BETHEL S	BETHEL AVE SOUTH	0300	MEADOW LN WEST	SIERRA AVE WEST	631	43	27,133	C	4	AC	1/8/2019	71
BETHEL S	BETHEL AVE SOUTH	0400	SIERRA AVE WEST	1300' N/O SIERRA AVE	1,300	25	32,500	C	2	AC	1/8/2019	41
BETHEL S	BETHEL AVE SOUTH	0500	1,300' N/O SIERRA AVE	STROUD AVE EAST	1,350	25	33,750	C	2	AC	1/8/2019	46
BETHEL S	BETHEL AVE SOUTH	0550	STROUD AVE EAST	PARKWAY DR	872	34	29,648	C	2	AC	2/11/2019	51
BETHEL S	BETHEL AVE SOUTH	0600	CLARKSON AVE	1500' N/O CLARKSON AVE	1,500	25	37,500	C	2	AC	1/24/2019	60
BETHEL S	BETHEL AVE SOUTH	0700	1,500' N/O CLARKSON AVE	MAGNOLIA ST	1,133	25	28,325	C	2	AC	1/29/2019	71
BIRCH	BIRCH CT	0100	W END	MADSEN AVE	245	37	9,065	R	2	AC	1/11/2019	39
BRATTON C	BRATTON CT	0100	AVE B	EAST END	943	45	42,435	R	2	AC	1/29/2019	89
CALIFORNIA	CALIFORNIA ST	0100	EARL ST	DRAPER ST	1,011	49	49,539	R	2	AC	2/10/2019	91
CALIFORNIA	CALIFORNIA ST	0200	DRAPER ST	ELLIS ST	621	40	24,840	R	2	AC	2/10/2019	91
CARDINAL	CARDINAL LN	0100	KERN ST	LAKE ST	488	37	18,056	R	2	AC	2/11/2019	81
CARDINAL	CARDINAL LN	0200	MEADOW LN	FOREST DR	242	37	8,954	R	2	AC	2/11/2019	57
CARNATION	CARNATION ST	0100	17TH AVE	18TH AVE	227	26	5,902	R	2	AC	3/19/2019	84
CAROLYN	CAROLYN ST	0100	24TH AVE	MADSEN AVE	437	37	16,169	R	2	AC	1/11/2019	34
CAROLYN	CAROLYN ST	0200	23RD AVE	22ND AVE	286	37	10,582	R	2	AC	1/23/2019	68
CAROLYN	CAROLYN ST	0500	20TH AVE	21ST AVE	337	37	12,469	R	2	AC	1/11/2019	77
CHURCH	CHURCH ST	0100	LEWIS ST	DRAPER ST	446	60	26,760	R	2	AC	3/19/2019	16
CLARKSON E	CLARKSON AVE E	0100	6TH AVE	10TH AVE	1,353	40	54,120	C	2	AC	1/10/2019	23
CLARKSON E	CLARKSON AVE E	0200	10TH AVE	12TH AVE	797	26	20,722	C	2	AC	1/10/2019	11
CLARKSON E	CLARKSON AVE E	0300	KERN ST	CITY LIMIT	524	32	16,768	C	2	AC	3/19/2019	25
CODY	CODY LN	0100	10TH AVE	END E	938	37	34,706	R	2	AC	1/10/2019	73
CRUM CT	CRUM CT	0100	MORGAN DR	EAST END	349	45	15,705	R	2	AC	1/29/2019	89
DIANE	DIANE AVE	0100	KERN WEST	NEVADA WEST	651	37	24,087	R	2	AC	1/29/2019	80
DRAPER ST	DRAPER ST	0100	10TH AVE	SIMPSON ST	972	72	69,984	C	2	AC	2/10/2019	71
DRAPER ST	DRAPER ST	0200	SIMPSON ST	MARION ST	576	75	43,200	C	2	AC	2/10/2019	68
DRAPER ST	DRAPER ST	0300	MARION ST	LINCOLN ST	840	74	62,160	C	2	AC	2/10/2019	66
DRAPER ST	DRAPER ST	0400	LINCOLN ST	SIERRA ST	850	74	62,900	C	2	AC	2/10/2019	57
EARL	EARL ST	0100	FRONTAGE RD	SIMPSON ST	258	47	12,126	C	2	AC	2/10/2019	36
EARL	EARL ST	0200	SIMPSON ST	MARION ST	565	44	24,860	C	2	AC	2/10/2019	74
EARL	EARL ST	0300	MARION ST	18TH AVE	1,024	44	45,056	C	2	AC	2/10/2019	85

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
ELLIS	ELLIS ST	0100	FRONTAGE RD	SIMPSON ST	228	42	9,576	R	2	AC	1/20/2019	18
ELLIS	ELLIS ST	0200	CALIFORNIA ST	MARION ST	369	62	22,878	C	2	AC	2/10/2019	35
ELLIS	ELLIS ST	0300	MARION ST	SIERRA ST	1,063	62	65,906	C	2	AC	2/10/2019	71
ELM	ELM CT	0100	W END	MADSEN AVE	430	36	15,480	R	2	AC	1/11/2019	55
ERLING	ERLING WAY	0100	20TH AVE	22ND AVE	498	37	18,426	R	2	AC	1/15/2019	91
ERLING	ERLING WAY	0200	22ND AVE	E END	552	37	20,424	R	2	AC	1/15/2019	53
ERLING	ERLING WAY	0300	24TH AVE	MADSEN AVE	459	37	16,983	R	2	AC	1/23/2019	54
EULAM	EULAM ST	0100	W END	7TH AVE	410	37	15,170	R	2	AC	2/11/2019	49
FOREST	FOREST DR	0100	EAST END	MORGAN DR	480	37	17,760	R	2	AC	1/29/2019	77
FOREST	FOREST DR	0200	RAFER JOHNSON DR	CARDINAL ST	402	37	14,874	R	2	AC	2/11/2019	42
FOREST W	FOREST ST WEST	0100	WEST END	AVE D	933	37	34,521	R	2	AC	1/29/2019	78
FRONTAGE	FRONTAGE RD	0100	18TH AVE	HWY 99 ON-RAMP	1,308	40	52,320	A	2	AC	2/10/2019	90
FRONTAGE	FRONTAGE RD	0200	HWY 99 ON-RAMP	10TH ST	1,317	40	52,680	A	2	AC	3/19/2019	72
FRONTAGE	FRONTAGE RD	0300	10TH ST	SIMPSON ST	2,973	22	65,406	A	2	PCC	3/19/2019	63
GILROY	GILROY ST	0100	MARION ST	18TH AVE	537	54	28,998	R	2	AC	2/10/2019	69
HAROLD	HAROLD ST	0100	22ND AVE	MADSEN AVE	949	37	35,113	R	2	AC	1/23/2019	51
HAROLD	HAROLD ST	0200	WEST END	ACADEMY AVE	679	31	21,049	R	2	AC	1/29/2019	70
HEMMA	HEMMA ST	0100	17TH ST	14TH ST	950	37	35,150	R	2	AC	1/15/2019	77
HEMMA	HEMMA ST	0200	MADSEN ST	25TH AVE	165	32	5,280	R	2	AC	1/29/2019	89
HOWARD	HOWARD ST	0100	10TH AVE	11TH AVE	320	37	11,840	R	2	AC	1/29/2019	85
HOWARD	HOWARD ST	0200	12TH AVE	14TH AVE	606	37	22,422	R	2	AC	1/29/2019	84
HOWARD	HOWARD ST	0250	15TH AVE	18TH AVE	964	33	31,812	R	2	AC	1/24/2019	95
HOWARD	HOWARD ST	0300	19TH AVE	22ND AVE	973	28	27,244	R	2	AC	1/15/2019	70
HOWARD	HOWARD ST	0400	22ND AVE	25TH AVE	897	37	33,189	R	2	AC	1/8/2019	71
INDIANOLA	INDIANOLA ST	0100	S END	MOUNTAIN VIEW	1,556	18	28,008	C	2	AC	2/10/2019	9
KAMM	KAMM AVE	0100	BETHEL AVE	1500' E/O BETHEL AVE	1,500	24	36,000	A	2	AC	1/11/2019	83
KAMM	KAMM AVE	0200	1500' E/O BETHEL AVE	CULVERT	1,395	24	33,480	A	2	AC	1/11/2019	76
KAMM	KAMM AVE	0300	CULVERT	830' E/O CULVERT	830	24	19,920	A	2	AC	1/11/2019	76
KAMM	KAMM AVE	0400	830' E/O CULVERT	1734' E/O CULVERT	904	38	34,352	A	2	AC	1/11/2019	95
KAMM	KAMM AVE	0500	1734' E/O CULVERT	ACADEMY AVE	1,060	57	60,420	C	2	AC	1/11/2019	95
KAMM	KAMM AVE	0600	ACADEMY AVE	14TH AVE	1,206	42	50,652	C	2	AC	1/11/2019	77
KAMM	KAMM AVE	0700	14TH ST	15TH ST	626	61	38,186	C	2	AC	1/11/2019	85
KAMM	KAMM AVE	0800	15TH AVE	18TH AVE	750	61	45,750	C	2	AC	1/11/2019	81
KAMM	KAMM AVE	0900	18TH AVE	350' W/O 23RD AVE	1,350	24	32,400	C	2	AC	1/11/2019	75
KAMM	KAMM AVE	1000	350' W/O 23RD AVE	23RD AVE	350	42	14,700	C	2	AC	1/11/2019	79
KAMM	KAMM AVE	1100	23RD AVE	MADSEN AVE	984	61	60,024	C	2	AC	1/11/2019	82
KERN	KERN ST	0100	10TH AVE	240' E/O 10TH AVE	240	67	16,080	R	2	AC	1/10/2019	80
KERN	KERN ST	0200	240' E/O 10TH AVE	14TH AVE	700	37	25,900	R	2	AC	1/10/2019	74
KERN	KERN ST	0300	6TH AVE	10TH AVE	1,337	37	49,469	R	2	AC	1/29/2019	60
KERN	KERN ST	0400	CARDINAL LN	6TH AVE	946	31	29,326	R	2	AC	1/29/2019	30
KERN	KERN ST	0500	CARDINAL LAN	MORGAN DR	916	43	39,388	R	2	AC	1/29/2019	80
KERN	KERN ST	0600	DIANE AVE	MORGAN DR	1,290	43	55,470	R	2	AC	1/29/2019	71
KERN	KERN ST	0700	BETHEL SOUTH	DIANE AVE	850	40	34,000	R	2	AC	1/29/2019	77
KLEPPER	KLEPPER ST	0100	12TH AVE	14TH AVE	623	36	22,428	R	2	AC	2/4/2019	78
KLEPPER	KLEPPER ST	0200	14TH AVE	18TH AVE	1,261	33	41,613	R	2	AC	2/4/2019	35
KLEPPER	KLEPPER ST	0300	18TH AVE	21ST AVE	952	37	35,224	R	2	AC	1/23/2019	81
KLEPPER	KLEPPER ST	0400	23RD AVE	MADSEN AVE	1,023	37	37,851	R	2	AC	1/23/2019	73
LAKE	LAKE ST	0100	MORGAN DR	E END	489	37	18,093	R	2	AC	1/29/2019	87
LAKE	LAKE ST	0200	RAFER JOHNSON ST	CARDINAL ST	338	37	12,506	R	2	AC	2/11/2019	78
LAKE	LAKE ST	0300	W END	8TH AVE	425	36	15,300	R	2	AC	2/11/2019	8
LAKE W	LAKE ST WEST	0100	END WEST	DIANE AVE	802	37	29,674	R	2	AC	1/29/2019	84
LAUREL	LAUREL ST	0100	W END	SIMPSON ST	291	31	9,021	R	2	AC	3/19/2019	85

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
LEWIS	LEWIS ST	0100	KERN ST	END N	573	36	20,628	R	2	AC	3/19/2019	23
LEWIS	LEWIS ST	0120	FRONTAGE RD	SIMPSON ST	232	37	8,584	R	2	AC	2/10/2019	79
LEWIS	LEWIS ST	0150	CALIFORNIA ST	SMITH ST	842	62	52,204	C	2	AC	2/10/2019	75
LEWIS	LEWIS ST	0200	SMITH ST	18TH AVE	1,090	61	66,490	C	2	AC	2/10/2019	76
LINCOLN	LINCOLN ST	0100	SIERRA ST	LEWIS ST	1,159	45	52,155	R	2	AC	2/11/2019	93
LINCOLN	LINCOLN ST	0200	LEWIS ST	18TH AVE	757	45	34,065	R	2	AC	2/11/2019	93
LINDQUIST	LINDQUIST ST	0100	18TH AVE	21ST AVE	1,140	28	31,920	R	2	AC	1/10/2019	90
LINDQUIST	LINDQUIST ST	0300	WEST END	AVE E	823	37	30,451	R	2	AC	1/29/2019	64
LINDQUIST	LINDQUIST ST	0400	RAFER JOHNSON DR	AVE A	833	37	30,821	R	2	AC	1/29/2019	79
LINDQUISTW	LINDQUIST ST	0100	AVE D	AVE A	526	37	19,462	R	2	AC	1/30/2019	80
LINGONBERR	LINGONBERRY ST	0100	MADSEN AVE	25TH AVE	375	37	13,875	R	2	AC	1/15/2019	75
LUNGREN	LUNGREN CT	0100	VENTURA ST	NORTH END	225	45	10,125	R	2	AC	1/29/2019	91
MADSEN	MADSEN AVE	0100	SIERRA ST	WINTER ST	1,475	27	39,825	C	2	AC	1/11/2019	30
MADSEN	MADSEN AVE	0200	WINTER ST	STROUD AVE E	1,155	27	31,185	C	2	AC	1/11/2019	33
MADSEN	MADSEN AVE	0300	STROUD AVE E	KLEPPER ST	1,320	30	39,600	C	2	AC	1/11/2019	35
MADSEN	MADSEN AVE	0400	KLEPPER ST	KAMM AVE	1,350	30	40,500	C	2	AC	1/11/2019	69
MADSEN	MADSEN AVE	0500	KAMM AVE	364' N/O AZALEA ST	1,310	44	57,640	C	2	AC	1/11/2019	70
MADSEN	MADSEN AVE	0600	364' N/O AZALEA ST	CARUTHERS AVE E	1,357	21	28,497	C	2	AC	1/11/2019	62
MAGNOLIA C	MAGNOLIA CT	0100	END W	MADSEN AVE	250	38	9,500	R	2	AC	1/11/2019	53
MAGNOLIA S	MAGNOLIA ST	0100	BETHEL AVE SOUTH	NELSON ST	1,315	20	26,300	C	2	AC	1/29/2019	62
MARELL	MARELL ST	0100	W END	7TH ST	408	37	15,096	R	2	AC	2/11/2019	57
MARION	MARION ST	0100	GILROY ST	LEWIS ST	995	62	61,690	R	2	AC	2/11/2019	64
MARION	MARION ST	0200	LEWIS ST	ELLIS ST	998	62	61,876	R	2	AC	2/11/2019	62
MARION	MARION ST	0300	ELLIS ST	SIERRA ST	980	62	60,760	R	2	AC	2/11/2019	60
MARIPOSA	MARIPOSA ST	0100	END WEST	DIANE AVE	826	37	30,562	R	2	AC	1/29/2019	87
MARIPOSA	MARIPOSA ST	0200	MORGAN DR	E END	482	37	17,834	R	2	AC	1/29/2019	79
MARIPOSA	MARIPOSA ST	0300	RAFER JOHNSON DR	6TH AVE	1,284	37	47,508	R	2	AC	2/11/2019	68
MARIPOSA	MARIPOSA ST	0350	6TH AVE	8TH AVE	706	37	26,122	R	2	AC	2/11/2019	32
MARIPOSA	MARIPOSA ST	0400	8TH AVE	10TH AVE	657	37	24,309	R	2	AC	2/11/2019	38
MARIPOSA	MARIPOSA ST	0500	18TH AVE	END E	1,275	32	40,800	R	2	AC	1/10/2019	63
MEADOW	MEADOW LN	0100	MORGAN DR	EAST END	478	37	17,686	R	2	AC	1/29/2019	77
MEADOW	MEADOW LN	0200	RAFER JOHNSON DR	CARDINAL ST	392	37	14,504	R	2	AC	2/11/2019	50
MEADOW	MEADOW LN	0300	SUNSET ST	6TH AVE	772	37	28,564	R	2	AC	2/11/2019	90
MEADOW W	MEADOW LN WEST	0100	AVE A	AVE D	870	37	32,190	R	2	AC	1/29/2019	80
MEADOW W	MEADOW LN WEST	0200	AVE D	BETHEL AVE SOUTH	963	37	35,631	R	2	AC	1/29/2019	74
MEHLERT	MEHLERT ST	0100	6TH AVE DR	945' E/O 6TH AVE DR	945	25	23,625	C	2	AC	1/10/2019	46
MEHLERT	MEHLERT ST	0200	945' E/O 6TH AVE DR	10TH AVE	447	42	18,774	C	2	AC	1/10/2019	55
MEHLERT	MEHLERT ST	0300	10TH AVE	14TH AVE	1,331	36	47,916	C	2	AC	1/10/2019	47
MEHLERT	MEHLERT ST	0400	14TH AVE	HWY 99 RAMP	850	29	24,650	C	2	AC	1/10/2019	24
MENDOCINO	MENDOCINO AVE	0100	KAMM ST	CARNATION ST	1,250	67	83,750	A	4	AC	1/29/2019	70
MENDOCINO	MENDOCINO AVE	0200	CARNATION ST	CARUTHERS AVE	1,300	33	42,900	A	2	AC	1/29/2019	80
MISSION	MISSION ST	0100	FRONTAGE RD	SIMPSON ST	170	33	5,610	R	2	AC	2/10/2019	26
MORGAN	MORGAN DR	0100	LINDQUIST ST WEST	KERN ST	1,159	37	42,883	R	2	AC	1/29/2019	79
MORGAN	MORGAN DR	0200	ORANGE ST	SIERRA AVE WEST	1,159	37	42,883	R	2	AC	1/29/2019	76
MORGAN	MORGAN DR	0300	SIERRA ST WEST	VENTURA ST	1,060	45	47,700	R	2	AC	1/29/2019	86
NELSON	NELSON WAY	0100	19TH AVE	20TH AVE	290	37	10,730	R	2	AC	1/23/2019	64
NEVADA	NEVADA ST WEST	0100	MORGAN DR	EAST END	483	37	17,871	R	2	AC	1/29/2019	82
NEVADA	NEVADA ST WEST	0200	10TH AVE	8TH AVE	655	37	24,235	R	2	AC	2/11/2019	39
NEVADA	NEVADA ST WEST	0300	8TH AVE	6TH AVE	715	37	26,455	R	2	AC	2/11/2019	32
NEVADA W	NEVADA ST WEST	0100	AVE D	BETHEL AVE SOUTH	1,227	37	45,399	R	2	AC	1/29/2019	75
ORANGE	ORANGE ST	0100	22ND AVE	23RD AVE	335	36	12,060	R	2	AC	1/10/2019	55
ORANGE	ORANGE ST	0200	AVE A	RAFER JOHNSON ST	810	37	29,970	R	2	AC	1/29/2019	87

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
ORANGE	ORANGE ST	0300	6TH AVE	PAVEMENT CHANGE	1,020	37	37,740	R	2	AC	2/11/2019	23
ORANGE W	ORANGE ST WEST	0100	AVE D	BETHEL AVE SOUTH	996	37	36,852	R	2	AC	1/29/2019	79
ORANGE W	ORANGE ST WEST	0200	WEST END	AVE A	490	37	18,130	R	2	AC	1/29/2019	83
PLUMAS	PLUMAS ST	0050	7TH AVE	8TH AVE	389	37	14,393	R	2	AC	2/11/2019	47
PLUMAS	PLUMAS ST	0100	18TH AVE	21ST AVE	1,160	37	42,920	R	2	AC	1/10/2019	93
PLUMAS	PLUMAS ST	0200	22ND AVE	END E	458	36	16,488	R	2	AC	1/10/2019	59
QUINCY	QUINCY ST	0100	6TH AVENUE	END E	570	36	20,520	R	2	AC	3/19/2019	65
RAFERJOHNS	RAFER JOHNSON DR	0100	KERN ST	ORANGE ST	1,432	37	52,984	R	2	AC	2/11/2019	71
RAFERJOHNS	RAFER JOHNSON DR	0200	ORANGE ST	SIERRA AVE	1,135	37	41,995	R	2	AC	2/11/2019	42
RAYSER	RAYSER ST	0100	7TH AVE	9TH AVE	524	36	18,864	R	2	AC	2/11/2019	73
RAYSER	RAYSER ST	0200	11TH AVE	14TH AVE	960	36	34,560	R	2	AC	2/11/2019	59
RIVERSIDE	RIVERSIDE ST	0100	18TH AVE	21ST AVE	1,140	28	31,920	R	2	AC	1/10/2019	92
RIVERSIDE	RIVERSIDE ST	0200	21ST AVE	END E	425	37	15,725	R	2	AC	1/10/2019	40
ROOSEVELT	ROOSEVELT ST	0100	6TH AVE	10TH AVE	1,361	37	50,357	R	2	AC	2/11/2019	54
ROOSEVELT	ROOSEVELT ST	0200	12TH AVE	14TH AVE	606	36	21,816	R	2	AC	2/11/2019	63
SANDELL	SANDELL ST	0100	ASLAN WY	KLEPPER ST	798	36	28,728	R	2	AC	1/29/2019	71
SANDELL	SANDELL ST	0200	KLEPPER ST	HOWARD ST	630	36	22,680	R	2	AC	1/29/2019	76
SIERRACT	SIERRA CT	0100	SIERRA ST	END N	336	36	12,096	R	2	AC	3/19/2019	53
SILVERBCR	SILVERBROOKE CIR	0100	S END	SILVERBROOKE ST	132	33	4,356	R	2	AC	1/24/2019	52
SILVERBRKE	SILVERBROOKE ST	0050	ACADEMY AVE	14TH AVE	1,152	36	41,472	R	2	AC	1/24/2019	68
SILVERBRKE	SILVERBROOKE ST	0100	W END	25TH AVE	924	37	34,188	R	2	AC	1/15/2019	76
SIMPSON	SIMPSON ST	0100	S END	SIERRA ST	4,054	41	166,214	A	2	AC	3/19/2019	78
SKANSEN	SKANSEN ST	0100	21ST AVE	23RD AVE	626	37	23,162	R	2	AC	1/23/2019	73
SKANSEN	SKANSEN ST	0200	23RD AVE	END E	770	37	28,490	R	2	AC	1/23/2019	70
SKANSEN	SKANSEN ST	0300	11TH AVE	10TH AVE	318	37	11,766	R	2	AC	1/29/2019	88
SKYLE	SKYLE AVE	0100	10TH AVE	11TH CT	465	36	16,740	R	2	AC	1/10/2019	68
SMITH	SMITH ST	0100	GILROY ST	LEWIS ST	997	61	60,817	R	2	AC	2/11/2019	95
SMITH	SMITH ST	0200	LEWIS ST	DRAPER ST	439	71	31,169	R	2	AC	3/19/2019	98
SMITH	SMITH ST	0300	DRAPER ST	ELLIS ST	431	72	31,032	R	2	AC	3/19/2019	67
SOLIG	SOLIG ST	0100	WEST END	25TH ST	1,125	32	36,000	R	2	AC	1/26/2019	87
SOLIG	SOLIG ST	0200	18TH AVE	17TH AVE	295	37	10,915	R	2	AC	1/26/2019	75
SOPHIA	SOPHIA LN	0100	21ST AVE	22ND AVE	490	37	18,130	R	2	AC	1/23/2019	88
SOPHIA	SOPHIA LN	0200	22ND AVE	MADSEN AVE	1,159	37	42,883	R	2	AC	1/23/2019	46
STROUD E	STROUD AVE E	0100	SIMPSON ST	1000' E/O SIMPSON ST	1,000	33	33,000	C	2	AC	1/23/2019	54
STROUD E	STROUD AVE E	0200	1000' E/O SIMPSON ST	670' W/O 10TH AVE	1,187	33	39,171	C	2	AC	1/23/2019	69
STROUD E	STROUD AVE E	0300	670' E/O 10TH AVE	10TH AVE	670	37	24,790	C	2	AC	1/23/2019	22
STROUD E	STROUD AVE E	0400	10TH AVE	14TH AVE	1,284	37	47,508	C	2	AC	2/24/2019	81
STROUD E	STROUD AVE E	0500	14TH AVE	18TH AVE	1,287	34	43,758	C	2	AC	1/23/2019	71
STROUD E	STROUD AVE E	0600	18TH AVE	20TH AVE	860	37	31,820	C	2	AC	1/23/2019	71
STROUD E	STROUD AVE E	0700	20TH AVE	22ND AVE	810	37	29,970	C	2	AC	1/11/2019	77
STROUD E	STROUD AVE E	0800	22ND AVE	MADSEN AVE	940	36	33,840	C	2	AC	1/11/2019	38
SUNSET ST	SUNSET ST	0100	MORGAN ST	EAST END	480	36	17,280	R	2	AC	1/29/2019	84
SUNSET ST	SUNSET ST	0200	RAFER JOHNSON DR	6TH AVE	1,280	37	47,360	R	2	AC	2/11/2019	90
SUNSET W	SUNSET ST WEST	0100	WEST END	AVE D	933	37	34,521	R	2	AC	1/29/2019	75
SUNSET W	SUNSET ST WEST	0200	WEST END	AVE A	647	37	23,939	R	2	AC	1/29/2019	83
TAMARACK	TAMARACK CT	0100	W END	MADSEN AVE	247	38	9,386	R	2	AC	1/11/2019	52
TULARE	TULARE ST	0100	10TH AVE	14TH AVE	1,302	45	58,590	R	2	AC	1/23/2019	36
TULARE	TULARE ST	0200	14TH AVE	18TH AVE	1,315	45	59,175	R	2	AC	1/23/2019	26
UNION	UNION ST	0100	10TH AVE	14TH AVE	1,314	37	48,618	R	2	AC	1/23/2019	31
UNION	UNION ST	0200	14TH AVE	18TH AVE	1,322	37	48,914	R	2	AC	1/23/2019	30
VENTURA	VENTURA ST	0100	10TH AVE	14TH AVE	1,315	37	48,655	R	2	AC	1/23/2019	33
VENTURA	VENTURA ST	0200	14TH AVE	18TH AVE	1,316	37	48,692	R	2	AC	1/23/2019	35

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
VENTURA	VENTURA ST	0300	AVE B	EAST END	1,093	45	49,185	R	2	AC	1/29/2019	84
WARKENTIN	WARKENTIN ST	0100	W END	7TH AVE	406	37	15,022	R	2	AC	2/11/2019	58
WARKENTIN	WARKENTIN ST	0150	10TH AVE	11TH CT	331	31	10,261	R	2	AC	2/11/2019	55
WARKENTIN	WARKENTIN ST	0200	11TH CT	14TH AVE	960	36	34,560	R	2	AC	2/11/2019	53
WASHINGTON	WASHINGTON ST	0100	SIERRA ST	18TH AVE	1,118	45	50,310	R	2	AC	2/11/2019	12
WILLIAMS	WILLIAMS ST	0100	CALIFORNIA ST	SIERRA ST	347	39	13,533	R	2	AC	2/10/2019	4
WILSON	WILSON WAY	0100	14TH AVE	15TH AVE	304	37	11,248	R	2	AC	1/23/2019	75
WINDSORCT	WINDSOR CT	0100	WINTER ST	END N	187	37	6,919	R	2	AC	1/23/2019	74
WINDSORDR	WINDSOR DR	0100	10TH ST	12TH ST	825	37	30,525	R	2	AC	1/23/2019	76
WINDSORDR	WINDSOR DR	0200	14TH AVE	17TH AVE	943	37	34,891	R	2	AC	1/23/2019	70
WINDSORDR	WINDSOR DR	0300	19TH AVE	20TH AVE	464	37	17,168	R	2	AC	1/23/2019	61
WINDSORDR	WINDSOR DR	0400	23RD AVE	24TH AVE	271	36	9,756	R	2	AC	1/11/2019	30
WINTER	WINTER ST	0100	14TH AVE	END E	1,073	34	36,482	R	2	AC	1/23/2019	68
WINTER	WINTER ST	0200	18TH AVE	19TH AVE	395	38	15,010	R	2	AC	1/23/2019	75
WINTER	WINTER ST	0300	19TH AVE	21ST AVE	800	37	29,600	R	2	AC	1/23/2019	70
WINTER	WINTER ST	0400	21ST AVE	23RD AVE	625	37	23,125	R	2	AC	1/23/2019	72
WINTER	WINTER ST	0500	24TH AVE	MADSEN AVE	430	36	15,480	R	2	AC	1/11/2019	70
WINTER	WINTER ST	0600	10TH AVE	12TH AVE	796	37	29,452	R	2	AC	1/23/2019	74

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
SMITH	SMITH ST	0200	LEWIS ST	DRAPER ST	439	71	31,169	R	2	AC	3/19/2019	98
10TH	10TH AVE	0800	211' N/O VENTURA ST	CITY LIMIT	411	36	14,796	C	2	AC	3/19/2019	95
6TH	6TH AVE	0400	KERN ST	NEVADA ST	999	37	36,963	C	2	AC	2/11/2019	95
6TH	6TH AVE	0500	NEVADA ST	QUINCY ST	970	37	35,890	C	2	AC	2/11/2019	95
6TH	6TH AVE	0600	QUINCY ST	SIERRA ST	774	37	28,638	C	2	AC	2/11/2019	95
HOWARD	HOWARD ST	0250	15TH AVE	18TH AVE	964	33	31,812	R	2	AC	1/24/2019	95
KAMM	KAMM AVE	0400	830' E/O CULVERT	1734' E/O CULVERT	904	38	34,352	A	2	AC	1/11/2019	95
KAMM	KAMM AVE	0500	1734' E/O CULVERT	ACADEMY AVE	1,060	57	60,420	C	2	AC	1/11/2019	95
SMITH	SMITH ST	0100	GILROY ST	LEWIS ST	997	61	60,817	R	2	AC	2/11/2019	95
14TH	14TH AVE	0300	SIERRA ST	VENTURA AVE	1,131	45	50,895	R	2	AC	1/23/2019	93
20TH	20TH AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	34	35,972	R	2	AC	1/10/2019	93
20TH	20TH AVE	0200	PLUMAS ST	SIERRA ST	918	34	31,212	R	2	AC	1/10/2019	93
21ST	21ST AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	27	28,566	R	2	AC	1/10/2019	93
AVE D	AVENUE D	0200	LINDQUIST ST WEST	MEADOW LANE WEST	1,055	37	39,035	R	2	AC	1/31/2019	93
LINCOLN	LINCOLN ST	0100	SIERRA ST	LEWIS ST	1,159	45	52,155	R	2	AC	2/11/2019	93
LINCOLN	LINCOLN ST	0200	LEWIS ST	18TH AVE	757	45	34,065	R	2	AC	2/11/2019	93
PLUMAS	PLUMAS ST	0100	18TH AVE	21ST AVE	1,160	37	42,920	R	2	AC	1/10/2019	93
RIVERSIDE	RIVERSIDE ST	0100	18TH AVE	21ST AVE	1,140	28	31,920	R	2	AC	1/10/2019	92
14TH	14TH AVE	0400	VENTURA AVE	STROUD AVE E	1,499	45	67,455	R	2	AC	1/23/2019	91
20TH	20TH AVE	0500	STROUD AVE EAST	NORTH END	711	37	26,307	R	2	AC	1/15/2019	91
21ST	21ST AVE	0500	SOPHIA LN	KLEPPER ST	308	37	11,396	R	2	AC	1/23/2019	91
CALIFORNIA	CALIFORNIA ST	0100	EARL ST	DRAPER ST	1,011	49	49,539	R	2	AC	2/10/2019	91
CALIFORNIA	CALIFORNIA ST	0200	DRAPER ST	ELLIS ST	621	40	24,840	R	2	AC	2/10/2019	91
ERLING	ERLING WAY	0100	20TH AVE	22ND AVE	498	37	18,426	R	2	AC	1/15/2019	91
LUNGREN	LUNGREN CT	0100	VENTURA ST	NORTH END	225	45	10,125	R	2	AC	1/29/2019	91
FRONTAGE	FRONTAGE RD	0100	18TH AVE	HWY 99 ON-RAMP	1,308	40	52,320	A	2	AC	2/10/2019	90
LINDQUIST	LINDQUIST ST	0100	18TH AVE	21ST AVE	1,140	28	31,920	R	2	AC	1/10/2019	90
MEADOW	MEADOW LN	0300	SUNSET ST	6TH AVE	772	37	28,564	R	2	AC	2/11/2019	90
SUNSET ST	SUNSET ST	0200	RAFER JOHNSON DR	6TH AVE	1,280	37	47,360	R	2	AC	2/11/2019	90
16TH	16TH AVE	0600	AZALEA ST	BELLFLOWER ST	335	33	11,055	R	2	AC	1/15/2019	89
21ST	21ST AVE	0400	ERLING WAY	SOPHIA LN	606	37	22,422	R	2	AC	1/11/2019	89
22ND	22ND AVE	0400	STROUD AVE E	ERLING WAY	311	37	11,507	R	2	AC	1/15/2019	89
AVE B	AVENUE B	0200	SIERRA ST	VENTURA ST	1,067	45	48,015	R	2	AC	1/29/2019	89
BRATTON C	BRATTON CT	0100	AVE B	EAST END	943	45	42,435	R	2	AC	1/29/2019	89
CRUM CT	CRUM CT	0100	MORGAN DR	EAST END	349	45	15,705	R	2	AC	1/29/2019	89
HEMMA	HEMMA ST	0200	MADSEN ST	25TH AVE	165	32	5,280	R	2	AC	1/29/2019	89
SKANSEN	SKANSEN ST	0300	11TH AVE	10TH AVE	318	37	11,766	R	2	AC	1/29/2019	88
SOPHIA	SOPHIA LN	0100	21ST AVE	22ND AVE	490	37	18,130	R	2	AC	1/23/2019	88
11TH	11TH AVE	0200	SKANSEN ST	HOWARD ST	304	37	11,248	R	2	AC	1/29/2019	87
15TH	15TH AVE	0100	AZALEA ST	BELLFLOWER ST	325	33	10,725	R	2	AC	1/15/2019	87
22ND CT	22ND CT	0100	SOLIG ST	END	207	32	6,624	R	2	AC	1/29/2019	87
23RD	23RD AVE	0500	SOLIG ST	AZALEA ST	290	32	9,280	R	2	AC	1/29/2019	87
23RD CT	23RD CT	0100	END	SOLIG ST	205	32	6,560	R	2	AC	1/29/2019	87
24TH CT	24TH CT	0100	END	SOLIG ST	206	32	6,592	R	2	AC	1/29/2019	87
25TH	25TH AVE	0300	HEMMA ST	AZALEA ST	585	32	18,720	R	2	AC	1/29/2019	87
AVE D	AVENUE D	0100	NEVADA ST WEST	LINDQUIST ST	574	37	21,238	R	2	AC	1/30/2019	87
AZALEA	AZALEA ST	0200	MADSEN ST	23RD ST	964	32	30,848	R	2	AC	1/29/2019	87
LAKE	LAKE ST	0100	MORGAN DR	E END	489	37	18,093	R	2	AC	1/29/2019	87
MARIPOSA	MARIPOSA ST	0100	END WEST	DIANE AVE	826	37	30,562	R	2	AC	1/29/2019	87
ORANGE	ORANGE ST	0200	AVE A	RAFER JOHNSON ST	810	37	29,970	R	2	AC	1/29/2019	87
SOLIG	SOLIG ST	0100	WEST END	25TH ST	1,125	32	36,000	R	2	AC	1/26/2019	87
MORGAN	MORGAN DR	0300	SIERRA ST WEST	VENTURA ST	1,060	45	47,700	R	2	AC	1/29/2019	86

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
EARL	EARL ST	0300	MARION ST	18TH AVE	1,024	44	45,056	C	2	AC	2/10/2019	85
HOWARD	HOWARD ST	0100	10TH AVE	11TH AVE	320	37	11,840	R	2	AC	1/29/2019	85
KAMM	KAMM AVE	0700	14TH ST	15TH ST	626	61	38,186	C	2	AC	1/11/2019	85
LAUREL	LAUREL ST	0100	W END	SIMPSON ST	291	31	9,021	R	2	AC	3/19/2019	85
17TH	17TH AVE	0500	AZALEA ST	CARNATION ST	499	33	16,467	R	2	AC	1/29/2019	84
AVE E	AVENUE E	0100	AVE D	LINDQUIST ST WEST	480	37	17,760	R	2	AC	2/4/2019	84
BELLFLO	BELLFLOWER ST	0100	16TH AVE	15TH AVE	270	33	8,910	R	2	AC	1/29/2019	84
CARNATION	CARNATION ST	0100	17TH AVE	18TH AVE	227	26	5,902	R	2	AC	3/19/2019	84
HOWARD	HOWARD ST	0200	12TH AVE	14TH AVE	606	37	22,422	R	2	AC	1/29/2019	84
LAKE W	LAKE ST WEST	0100	END WEST	DIANE AVE	802	37	29,674	R	2	AC	1/29/2019	84
SUNSET ST	SUNSET ST	0100	MORGAN ST	EAST END	480	36	17,280	R	2	AC	1/29/2019	84
VENTURA	VENTURA ST	0300	AVE B	EAST END	1,093	45	49,185	R	2	AC	1/29/2019	84
KAMM	KAMM AVE	0100	BETHEL AVE	1500' E/O BETHEL AVE	1,500	24	36,000	A	2	AC	1/11/2019	83
ORANGE W	ORANGE ST WEST	0200	WEST END	AVE A	490	37	18,130	R	2	AC	1/29/2019	83
SUNSET W	SUNSET ST WEST	0200	WEST END	AVE A	647	37	23,939	R	2	AC	1/29/2019	83
12TH	12TH AVE	0500	KLEPPER ST	SILVERBROOKE ST	970	36	34,920	R	2	AC	1/29/2019	82
AVE B	AVENUE B	0100	MEADOW LN WEST	SIERRA ST	552	37	20,424	R	2	AC	1/29/2019	82
AVE F	AVENUE F	0200	NEVADA ST	LINDQUIST ST	299	37	11,063	R	2	AC	1/29/2019	82
KAMM	KAMM AVE	1100	23RD AVE	MADSEN AVE	984	61	60,024	C	2	AC	1/11/2019	82
NEVADA	NEVADA ST WEST	0100	MORGAN DR	EAST END	483	37	17,871	R	2	AC	1/29/2019	82
10TH	10TH AVE	0600	SIERRA ST	UNION ST	808	55	44,440	C	2	AC	3/19/2019	81
14TH	14TH AVE	0600	AZALEA ST	NORTH END	507	33	16,731	R	2	AC	1/29/2019	81
AVE F	AVENUE F	0300	SUNSET ST	MEADOW ST	250	37	9,250	R	2	AC	1/29/2019	81
CARDINAL	CARDINAL LN	0100	KERN ST	LAKE ST	488	37	18,056	R	2	AC	2/11/2019	81
KAMM	KAMM AVE	0800	15TH AVE	18TH AVE	750	61	45,750	C	2	AC	1/11/2019	81
KLEPPER	KLEPPER ST	0300	18TH AVE	21ST AVE	952	37	35,224	R	2	AC	1/23/2019	81
STROUD E	STROUD AVE E	0400	10TH AVE	14TH AVE	1,284	37	47,508	C	2	AC	2/24/2019	81
10TH	10TH AVE	0500	MARIPOSA ST	PAVEMENT CHANGE	860	36	30,960	C	2	AC	2/11/2019	80
18TH	18TH AVE	0400	SIERRA ST	WINTER ST	1,450	38	55,100	A	2	AC	1/29/2019	80
19TH	19TH AVE	0200	PLUMAS ST	SIERRA ST	918	34	31,212	R	2	AC	1/10/2019	80
20TH	20TH AVE	0600	NELSON WAY	KLEPPER ST	516	37	19,092	R	2	AC	1/23/2019	80
DIANE	DIANE AVE	0100	KERN WEST	NEVADA WEST	651	37	24,087	R	2	AC	1/29/2019	80
KERN	KERN ST	0100	10TH AVE	240' E/O 10TH AVE	240	67	16,080	R	2	AC	1/10/2019	80
KERN	KERN ST	0500	CARDINAL LAN	MORGAN DR	916	43	39,388	R	2	AC	1/29/2019	80
LINDQUISTW	LINDQUIST ST	0100	AVE D	AVE A	526	37	19,462	R	2	AC	1/30/2019	80
MEADOW W	MEADOW LN WEST	0100	AVE A	AVE D	870	37	32,190	R	2	AC	1/29/2019	80
MENDOCINO	MENDOCINO AVE	0200	CARNATION ST	CARUTHERS AVE	1,300	33	42,900	A	2	AC	1/29/2019	80
17TH	17TH AVE	0400	HEMMA ST	AZALEA ST	469	37	17,353	R	2	AC	1/29/2019	79
20TH	20TH AVE	0400	END S	STROUD AVE E	551	37	20,387	R	2	AC	1/11/2019	79
AZALEA	AZALEA ST	0100	17TH AVE	14TH AVE	1,040	33	34,320	R	2	AC	1/29/2019	79
BETHEL S	BETHEL AVE SOUTH	0200	NEVADA ST WEST	MEADOWS LN WEST	1,125	48	54,000	C	4	AC	1/8/2019	79
KAMM	KAMM AVE	1000	350' W/O 23RD AVE	23RD AVE	350	42	14,700	C	2	AC	1/11/2019	79
LEWIS	LEWIS ST	0120	FRONTAGE RD	SIMPSON ST	232	37	8,584	R	2	AC	2/10/2019	79
LINDQUIST	LINDQUIST ST	0400	RAFER JOHNSON DR	AVE A	833	37	30,821	R	2	AC	1/29/2019	79
MARIPOSA	MARIPOSA ST	0200	MORGAN DR	E END	482	37	17,834	R	2	AC	1/29/2019	79
MORGAN	MORGAN DR	0100	LINDQUIST ST WEST	KERN ST	1,159	37	42,883	R	2	AC	1/29/2019	79
ORANGE W	ORANGE ST WEST	0100	AVE D	BETHEL AVE SOUTH	996	37	36,852	R	2	AC	1/29/2019	79
10TH	10TH AVE	0300	MEHLERT ST	ROOSEVELT ST	960	47	45,120	C	2	AC	2/11/2019	78
14TH	14TH AVE	0900	SILVERBROOKE ST	KAMM ST	302	37	11,174	R	2	AC	1/24/2019	78
21ST	21ST AVE	0200	PLUMAS ST	SIERRA ST	918	26	23,868	R	2	AC	1/10/2019	78
23RD	23RD AVE	0400	SILVERBROOKE ST	KAMM AVE	296	37	10,952	R	2	AC	1/23/2019	78
AVE F	AVENUE F	0100	LAKE ST	MARIPOSA ST	259	37	9,583	R	2	AC	1/29/2019	78

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
FOREST W	FOREST ST WEST	0100	WEST END	AVE D	933	37	34,521	R	2	AC	1/29/2019	78
KLEPPER	KLEPPER ST	0100	12TH AVE	14TH AVE	623	36	22,428	R	2	AC	2/4/2019	78
LAKE	LAKE ST	0200	RAFER JOHNSON ST	CARDINAL ST	338	37	12,506	R	2	AC	2/11/2019	78
SIMPSON	SIMPSON ST	0100	S END	SIERRA ST	4,054	41	166,214	A	2	AC	3/19/2019	78
10TH	10TH AVE	0400	ROOSEVELT ST	MARIPOSA ST	1,023	37	37,851	C	2	AC	2/11/2019	77
12TH	12TH AVE	0400	WINTER ST	WINDSOR DR	394	37	14,578	R	2	AC	1/23/2019	77
15TH	15TH AVE	0200	WILSON WAY	STROUD AVE E	498	37	18,426	R	2	AC	1/26/2019	77
19TH	19TH AVE	0500	NELSON WAY	HOWARD ST	1,147	37	42,439	R	2	AC	1/23/2019	77
AVE E	AVENUE E	0200	FOREST ST WEST	SIERRA ST	313	27	8,451	R	2	AC	1/29/2019	77
CAROLYN	CAROLYN ST	0500	20TH AVE	21ST AVE	337	37	12,469	R	2	AC	1/11/2019	77
FOREST	FOREST DR	0100	EAST END	MORGAN DR	480	37	17,760	R	2	AC	1/29/2019	77
HEMMA	HEMMA ST	0100	17TH ST	14TH ST	950	37	35,150	R	2	AC	1/15/2019	77
KAMM	KAMM AVE	0600	ACADEMY AVE	14TH AVE	1,206	42	50,652	C	2	AC	1/11/2019	77
KERN	KERN ST	0700	BETHEL SOUTH	DIANE AVE	850	40	34,000	R	2	AC	1/29/2019	77
MEADOW	MEADOW LN	0100	MORGAN DR	EAST END	478	37	17,686	R	2	AC	1/29/2019	77
STROUD E	STROUD AVE E	0700	20TH AVE	22ND AVE	810	37	29,970	C	2	AC	1/11/2019	77
ASLAN	ASLAN WAY	0100	14TH AVE	12TH AVE	615	36	22,140	R	2	AC	1/29/2019	76
KAMM	KAMM AVE	0200	1500' E/O BETHEL AVE	CULVERT	1,395	24	33,480	A	2	AC	1/11/2019	76
KAMM	KAMM AVE	0300	CULVERT	830' E/O CULVERT	830	24	19,920	A	2	AC	1/11/2019	76
LEWIS	LEWIS ST	0200	SMITH ST	18TH AVE	1,090	61	66,490	C	2	AC	2/10/2019	76
MORGAN	MORGAN DR	0200	ORANGE ST	SIERRA AVE WEST	1,159	37	42,883	R	2	AC	1/29/2019	76
SANDELL	SANDELL ST	0200	KLEPPER ST	HOWARD ST	630	36	22,680	R	2	AC	1/29/2019	76
SILVERBRKE	SILVERBROOKE ST	0100	W END	25TH AVE	924	37	34,188	R	2	AC	1/15/2019	76
WINDSORDR	WINDSOR DR	0100	10TH ST	12TH ST	825	37	30,525	R	2	AC	1/23/2019	76
15TH C	15TH CT	0100	HEMMA ST	NORTH END	198	33	6,534	R	2	AC	1/15/2019	75
19TH	19TH AVE	0100	MARIPOSA ST	PLUMAS ST	1,058	34	35,972	R	2	AC	1/10/2019	75
KAMM	KAMM AVE	0900	18TH AVE	350' W/O 23RD AVE	1,350	24	32,400	C	2	AC	1/11/2019	75
LEWIS	LEWIS ST	0150	CALIFORNIA ST	SMITH ST	842	62	52,204	C	2	AC	2/10/2019	75
LINGONBERR	LINGONBERRY ST	0100	MADSEN AVE	25TH AVE	375	37	13,875	R	2	AC	1/15/2019	75
NEVADA W	NEVADA ST WEST	0100	AVE D	BETHEL AVE SOUTH	1,227	37	45,399	R	2	AC	1/29/2019	75
SOLIG	SOLIG ST	0200	18TH AVE	17TH AVE	295	37	10,915	R	2	AC	1/26/2019	75
SUNSET W	SUNSET ST WEST	0100	WEST END	AVE D	933	37	34,521	R	2	AC	1/29/2019	75
WILSON	WILSON WAY	0100	14TH AVE	15TH AVE	304	37	11,248	R	2	AC	1/23/2019	75
WINTER	WINTER ST	0200	18TH AVE	19TH AVE	395	38	15,010	R	2	AC	1/23/2019	75
AVE F	AVENUE F	0400	MEADOW ST WEST	NORTH END	509	37	18,833	R	2	AC	1/29/2019	74
EARL	EARL ST	0200	SIMPSON ST	MARION ST	565	44	24,860	C	2	AC	2/10/2019	74
KERN	KERN ST	0200	240' E/O 10TH AVE	14TH AVE	700	37	25,900	R	2	AC	1/10/2019	74
MEADOW W	MEADOW LN WEST	0200	AVE D	BETHEL AVE SOUTH	963	37	35,631	R	2	AC	1/29/2019	74
WINDSORCT	WINDSOR CT	0100	WINTER ST	END N	187	37	6,919	R	2	AC	1/23/2019	74
WINTER	WINTER ST	0600	10TH AVE	12TH AVE	796	37	29,452	R	2	AC	1/23/2019	74
12TH	12TH AVE	0100	AVE 392	MEHLERT ST	1,297	37	47,989	R	2	AC	1/10/2019	73
18TH	18TH AVE	0500	WINTER ST	STROUD AVE	1,140	38	43,320	A	2	AC	1/29/2019	73
25TH	25TH AVE	0200	HOWARD ST	SILVERBROOKE ST	329	37	12,173	R	2	AC	1/15/2019	73
CODY	CODY LN	0100	10TH AVE	END E	938	37	34,706	R	2	AC	1/10/2019	73
KLEPPER	KLEPPER ST	0400	23RD AVE	MADSEN AVE	1,023	37	37,851	R	2	AC	1/23/2019	73
RAYSER	RAYSER ST	0100	7TH AVE	9TH AVE	524	36	18,864	R	2	AC	2/11/2019	73
SKANSEN	SKANSEN ST	0100	21ST AVE	23RD AVE	626	37	23,162	R	2	AC	1/23/2019	73
10TH	10TH AVE	0100	COUNTY LINE	CODY LN	965	36	34,740	C	2	AC	2/11/2019	72
14TH	14TH AVE	0200	RAYSER ST	MEHLERT ST	607	36	21,852	R	2	AC	1/10/2019	72
14TH	14TH AVE	0500	HEMMA ST	AZALEA ST	452	33	14,916	R	2	AC	1/29/2019	72
BETHEL S	BETHEL AVE SOUTH	0100	KERN WEST	NEVADA ST WEST	835	48	40,080	C	4	AC	1/8/2019	72
FRONTAGE	FRONTAGE RD	0200	HWY 99 ON-RAMP	10TH ST	1,317	40	52,680	A	2	AC	3/19/2019	72

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
WINTER	WINTER ST	0400`	21ST AVE	23RD AVE	625	37	23,125	R	2	AC	1/23/2019	72
14TH	14TH AVE	0100	14TH ST	RAYSER ST	860	36	30,960	R	2	AC	1/10/2019	71
15TH	15TH AVE	0300	KAMM ST	HEMMA ST	284	37	10,508	R	2	AC	1/29/2019	71
19TH	19TH AVE	0300	WINTER ST	STROUD AVE E	1,153	37	42,661	R	2	AC	1/23/2019	71
23RD	23RD AVE	0300	SOPHIA LN	SKANSEN ST	684	37	25,308	R	2	AC	1/23/2019	71
AVE A	AVENUE A	0100	LINDQUIST ST WEST	NORTH END	1,285	37	47,545	R	2	AC	1/29/2019	71
AVE C	AVENUE C	0100	MEADOW LN WEST	NORTH END	286	37	10,582	R	2	AC	1/29/2019	71
BETHEL S	BETHEL AVE SOUTH	0300	MEADOW LN WEST	SIERRA AVE WEST	631	43	27,133	C	4	AC	1/8/2019	71
BETHEL S	BETHEL AVE SOUTH	0700	1,500' N/O CLARKSON AVE	MAGNOLIA ST	1,133	25	28,325	C	2	AC	1/29/2019	71
DRAPER ST	DRAPER ST	0100	10TH AVE	SIMPSON ST	972	72	69,984	C	2	AC	2/10/2019	71
ELLIS	ELLIS ST	0300	MARION ST	SIERRA ST	1,063	62	65,906	C	2	AC	2/10/2019	71
HOWARD	HOWARD ST	0400	22ND AVE	25TH AVE	897	37	33,189	R	2	AC	1/8/2019	71
KERN	KERN ST	0600	DIANE AVE	MORGAN DR	1,290	43	55,470	R	2	AC	1/29/2019	71
RAFERJOHNS	RAFER JOHNSON DR	0100	KERN ST	ORANGE ST	1,432	37	52,984	R	2	AC	2/11/2019	71
SANDELL	SANDELL ST	0100	ASLAN WY	KLEPPER ST	798	36	28,728	R	2	AC	1/29/2019	71
STROUD E	STROUD AVE E	0500	14TH AVE	18TH AVE	1,287	34	43,758	C	2	AC	1/23/2019	71
STROUD E	STROUD AVE E	0600	18TH AVE	20TH AVE	860	37	31,820	C	2	AC	1/23/2019	71
16TH	16TH AVE	0400	KLEPPER ST	HOWARD ST	466	34	15,844	R	2	AC	1/29/2019	70
HAROLD	HAROLD ST	0200	WEST END	ACADEMY AVE	679	31	21,049	R	2	AC	1/29/2019	70
HOWARD	HOWARD ST	0300	19TH AVE	22ND AVE	973	28	27,244	R	2	AC	1/15/2019	70
MADSEN	MADSEN AVE	0500	KAMM AVE	364' N/O AZALEA ST	1,310	44	57,640	C	2	AC	1/11/2019	70
MENDOCINO	MENDOCINO AVE	0100	KAMM ST	CARNATION ST	1,250	67	83,750	A	4	AC	1/29/2019	70
SKANSEN	SKANSEN ST	0200	23RD AVE	END E	770	37	28,490	R	2	AC	1/23/2019	70
WINDSORDR	WINDSOR DR	0200	14TH AVE	17TH AVE	943	37	34,891	R	2	AC	1/23/2019	70
WINTER	WINTER ST	0300	19TH AVE	21ST AVE	800	37	29,600	R	2	AC	1/23/2019	70
WINTER	WINTER ST	0500	24TH AVE	MADSEN AVE	430	36	15,480	R	2	AC	1/11/2019	70
11TH CT	11TH CT	0100	CODY LN	SKYLE AVE	333	36	11,988	R	2	AC	1/10/2019	69
GILROY	GILROY ST	0100	MARION ST	18TH AVE	537	54	28,998	R	2	AC	2/10/2019	69
MADSEN	MADSEN AVE	0400	KLEPPER ST	KAMM AVE	1,350	30	40,500	C	2	AC	1/11/2019	69
STROUD E	STROUD AVE E	0200	1000' E/O SIMPSON ST	670' W/O 10TH AVE	1,187	33	39,171	C	2	AC	1/23/2019	69
AVE D	AVENUE D	0300	MEADOW LANE WEST	FOREST ST WEST	271	37	10,027	R	2	AC	3/19/2019	68
CAROLYN	CAROLYN ST	0200	23RD AVE	22ND AVE	286	37	10,582	R	2	AC	1/23/2019	68
DRAPER ST	DRAPER ST	0200	SIMPSON ST	MARION ST	576	75	43,200	C	2	AC	2/10/2019	68
MARIPOSA	MARIPOSA ST	0300	RAFER JOHNSON DR	6TH AVE	1,284	37	47,508	R	2	AC	2/11/2019	68
SILVERBRKE	SILVERBROOKE ST	0050	ACADEMY AVE	14TH AVE	1,152	36	41,472	R	2	AC	1/24/2019	68
SKYLE	SKYLE AVE	0100	10TH AVE	11TH CT	465	36	16,740	R	2	AC	1/10/2019	68
WINTER	WINTER ST	0100	14TH AVE	END E	1,073	34	36,482	R	2	AC	1/23/2019	68
14TH	14TH AVE	0800	KLEPPER ST	HOWARD ST	620	54	33,480	R	2	AC	1/29/2019	67
16TH	16TH AVE	0500	HEMMA ST	NORTH END	196	33	6,468	R	2	AC	1/15/2019	67
SMITH	SMITH ST	0300	DRAPER ST	ELLIS ST	431	72	31,032	R	2	AC	3/19/2019	67
17TH	17TH AVE	0300	KLEPPER ST	HOWARD ST	460	34	15,640	R	2	AC	2/4/2019	66
DRAPER ST	DRAPER ST	0300	MARION ST	LINCOLN ST	840	74	62,160	C	2	AC	2/10/2019	66
20TH	20TH AVE	0300	WINTER ST	WINDSOR DR	306	38	11,628	R	2	AC	1/11/2019	65
21ST	21ST AVE	0600	KLEPPER ST	SKANSEN ST	315	37	11,655	R	2	AC	1/15/2019	65
24TH	24TH AVE	0200	STROUD AVE E	SOPHIA LN	949	37	35,113	R	2	AC	1/23/2019	65
QUINCY	QUINCY ST	0100	6TH AVENUE	END E	570	36	20,520	R	2	AC	3/19/2019	65
LINDQUIST	LINDQUIST ST	0300	WEST END	AVE E	823	37	30,451	R	2	AC	1/29/2019	64
MARION	MARION ST	0100	GILROY ST	LEWIS ST	995	62	61,690	R	2	AC	2/11/2019	64
NELSON	NELSON WAY	0100	19TH AVE	20TH AVE	290	37	10,730	R	2	AC	1/23/2019	64
10TH	10TH AVE	0200	CODY LN	MEHLERT ST	640	45	28,800	C	2	AC	2/11/2019	63
12TH	12TH AVE	0600	STROUD AVE	KLEPPER ST	1,330	36	47,880	R	2	AC	1/29/2019	63
18TH	18TH AVE	0300	EARL ST	SIERRA ST	1,211	37	44,807	A	2	AC	2/11/2019	63

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
22ND	22ND AVE	0600	SKANSEN ST	HOWARD ST	279	37	10,323	R	2	AC	1/23/2019	63
7TH	7TH AVE	0200	MARIPOSA ST	PLUMAS ST	893	37	33,041	R	2	AC	2/11/2019	63
MARIPOSA	MARIPOSA ST	0500	18TH AVE	END E	1,275	32	40,800	R	2	AC	1/10/2019	63
ROOSEVELT	ROOSEVELT ST	0200	12TH AVE	14TH AVE	606	36	21,816	R	2	AC	2/11/2019	63
11TH	11TH AVE	0100	RAYSER ST	KERN ST	674	37	24,938	R	2	AC	2/11/2019	62
MADSEN	MADSEN AVE	0600	364' N/O AZALEA ST	CARUTHERS AVE E	1,357	21	28,497	C	2	AC	1/11/2019	62
MAGNOLIA S	MAGNOLIA ST	0100	BETHEL AVE SOUTH	NELSON ST	1,315	20	26,300	C	2	AC	1/29/2019	62
MARION	MARION ST	0200	LEWIS ST	ELLIS ST	998	62	61,876	R	2	AC	2/11/2019	62
10TH	10TH AVE	1000	135' N/O VINEYARD WAY	CITY LIMIT	666	43	28,638	C	2	AC	3/19/2019	61
19TH	19TH AVE	0400	STROUD AVE E	END N	586	37	21,682	R	2	AC	1/11/2019	61
WINDSOR DR	WINDSOR DR	0300	19TH AVE	20TH AVE	464	37	17,168	R	2	AC	1/23/2019	61
5TH	5TH AVE	0100	KERN ST	MARIPOSA ST	802	37	29,674	R	2	AC	2/11/2019	60
BERGREN	BERGREN CT	0100	19TH AVE	END E	356	37	13,172	R	2	AC	1/23/2019	60
BETHEL S	BETHEL AVE SOUTH	0600	CLARKSON AVE	1500' N/O CLARKSON AVE	1,500	25	37,500	C	2	AC	1/24/2019	60
KERN	KERN ST	0300	6TH AVE	10TH AVE	1,337	37	49,469	R	2	AC	1/29/2019	60
MARION	MARION ST	0300	ELLIS ST	SIERRA ST	980	62	60,760	R	2	AC	2/11/2019	60
22ND	22ND AVE	0200	WINTER ST	CAROLYN ST	774	36	27,864	R	2	AC	1/11/2019	59
PLUMAS	PLUMAS ST	0200	22ND AVE	END E	458	36	16,488	R	2	AC	1/10/2019	59
RAYSER	RAYSER ST	0200	11TH AVE	14TH AVE	960	36	34,560	R	2	AC	2/11/2019	59
17TH	17TH AVE	0100	WINTER ST	STROUD AVE E	1,143	37	42,291	R	2	AC	1/23/2019	58
WARKENTIN	WARKENTIN ST	0100	W END	7TH AVE	406	37	15,022	R	2	AC	2/11/2019	58
CARDINAL	CARDINAL LN	0200	MEADOW LN	FOREST DR	242	37	8,954	R	2	AC	2/11/2019	57
DRAPER ST	DRAPER ST	0400	LINCOLN ST	SIERRA ST	850	74	62,900	C	2	AC	2/10/2019	57
MARELL	MARELL ST	0100	W END	7TH ST	408	37	15,096	R	2	AC	2/11/2019	57
10TH	10TH AVE	0700	UNION ST	211' N/O VENTURA	572	32	18,304	C	2	AC	3/19/2019	56
12TH	12TH AVE	0150	MELHERT ST	KERN ST	1,309	37	48,433	R	2	AC	2/11/2019	56
21ST	21ST AVE	0300	WINTER ST	CAROLYN ST	820	37	30,340	R	2	AC	1/23/2019	56
23RD	23RD AVE	0100	ORANGE ST	PLUMAS ST	448	36	16,128	R	2	AC	1/10/2019	56
8TH	8TH AVE	0100	S END	RAYSER ST	514	37	19,018	R	2	AC	2/11/2019	56
9TH AVE	9TH AVE	0100	MEHLERT ST	RAYSER ST	630	36	22,680	R	2	AC	2/11/2019	56
ACADEMY	ACADEMY AVE	0100	KAMM ST	1,300' N/O KAMM	1,300	21	27,300	R	2	AC	1/29/2019	56
ACADEMY	ACADEMY AVE	0200	1300' N/O KAMM	CARUTHERS AVE	1,300	21	27,300	R	2	AC	1/24/2019	55
ELM	ELM CT	0100	W END	MADSEN AVE	430	36	15,480	R	2	AC	1/11/2019	55
MEHLERT	MEHLERT ST	0200	945' E/O 6TH AVE DR	10TH AVE	447	42	18,774	C	2	AC	1/10/2019	55
ORANGE	ORANGE ST	0100	22ND AVE	23RD AVE	335	36	12,060	R	2	AC	1/10/2019	55
WARKENTIN	WARKENTIN ST	0150	10TH AVE	11TH CT	331	31	10,261	R	2	AC	2/11/2019	55
ERLING	ERLING WAY	0300	24TH AVE	MADSEN AVE	459	37	16,983	R	2	AC	1/23/2019	54
ROOSEVELT	ROOSEVELT ST	0100	6TH AVE	10TH AVE	1,361	37	50,357	R	2	AC	2/11/2019	54
STROUD E	STROUD AVE E	0100	SIMPSON ST	1000' E/O SIMPSON ST	1,000	33	33,000	C	2	AC	1/23/2019	54
22ND	22ND AVE	0300	CAROLYN ST	STROUD AVE E	350	51	17,850	R	2	AC	1/11/2019	53
ERLING	ERLING WAY	0200	22ND AVE	E END	552	37	20,424	R	2	AC	1/15/2019	53
MAGNOLIA C	MAGNOLIA CT	0100	END W	MADSEN AVE	250	38	9,500	R	2	AC	1/11/2019	53
SIERRA CT	SIERRA CT	0100	SIERRA ST	END N	336	36	12,096	R	2	AC	3/19/2019	53
WARKENTIN	WARKENTIN ST	0200	11TH CT	14TH AVE	960	36	34,560	R	2	AC	2/11/2019	53
SILVERBCR	SILVERBROOKE CIR	0100	S END	SILVERBROOKE ST	132	33	4,356	R	2	AC	1/24/2019	52
TAMARACK	TAMARACK CT	0100	W END	MADSEN AVE	247	38	9,386	R	2	AC	1/11/2019	52
10TH	10TH AVE	0900	STROUD AVE	135' N/O VINEYARD WAY	393	48	18,864	C	2	AC	3/19/2019	51
BETHEL S	BETHEL AVE SOUTH	0550	STROUD AVE EAST	PARKWAY DR	872	34	29,648	C	2	AC	2/11/2019	51
HAROLD	HAROLD ST	0100	22ND AVE	MADSEN AVE	949	37	35,113	R	2	AC	1/23/2019	51
18TH	18TH AVE	0600	STROUD AVE	KLEPPER ST	1,285	60	77,100	A	2	AC	1/29/2019	50
22ND	22ND AVE	0100	ORANGE ST	SIERRA ST	1,291	36	46,476	R	2	AC	1/10/2019	50
22ND	22ND AVE	0500	ERLING WAY	SOPHIA LN	606	37	22,422	R	2	AC	1/11/2019	50

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
MEADOW	MEADOW LN	0200	RAFER JOHNSON DR	CARDINAL ST	392	37	14,504	R	2	AC	2/11/2019	50
16TH	16TH AVE	0200	WINDSOR DR	STROUD AVE	808	33	26,664	R	2	AC	2/4/2019	49
16TH	16TH AVE	0300	STROUD AVE	KLEPPER ST	1,307	33	43,131	R	2	AC	2/4/2019	49
8TH	8TH AVE	0200	MARIPOSA ST	PLUMAS ST	890	37	32,930	R	2	AC	2/11/2019	49
EULAM	EULAM ST	0100	W END	7TH AVE	410	37	15,170	R	2	AC	2/11/2019	49
MEHLERT	MEHLERT ST	0300	10TH AVE	14TH AVE	1,331	36	47,916	C	2	AC	1/10/2019	47
PLUMAS	PLUMAS ST	0050	7TH AVE	8TH AVE	389	37	14,393	R	2	AC	2/11/2019	47
396	AVE 396	0100	18TH AVE	CITY LIMIT	155	41	6,355	A	2	AC	3/19/2019	46
BETHEL S	BETHEL AVE SOUTH	0500	1,300' N/O SIERRA AVE	STROUD AVE EAST	1,350	25	33,750	C	2	AC	1/8/2019	46
MEHLERT	MEHLERT ST	0100	6TH AVE DR	945' E/O 6TH AVE DR	945	25	23,625	C	2	AC	1/10/2019	46
SOPHIA	SOPHIA LN	0200	22ND AVE	MADSEN AVE	1,159	37	42,883	R	2	AC	1/23/2019	46
17TH	17TH AVE	0200	STROUD AVE E	KLEPPER ST	1,305	32	41,760	R	2	AC	2/4/2019	43
FOREST	FOREST DR	0200	RAFER JOHNSON DR	CARDINAL ST	402	37	14,874	R	2	AC	2/11/2019	42
RAFERJOHNS	RAFER JOHNSON DR	0200	ORANGE ST	SIERRA AVE	1,135	37	41,995	R	2	AC	2/11/2019	42
15TH	15TH AVE	0600	KLEPPER ST	HOWARD ST	459	36	16,524	R	2	AC	1/26/2019	41
18TH	18TH AVE	0700	KLEPPER ST	320' N/O KLEPPER ST	320	60	19,200	A	2	AC	1/29/2019	41
BETHEL S	BETHEL AVE SOUTH	0400	SIERRA AVE WEST	1300' N/O SIERRA AVE	1,300	25	32,500	C	2	AC	1/8/2019	41
18TH	18TH AVE	0250	KERN ST	EARL ST	1,309	40	52,360	A	2	AC	2/11/2019	40
24TH	24TH AVE	0100	WINTER ST	CAROLYN ST	773	37	28,601	R	2	AC	1/11/2019	40
RIVERSIDE	RIVERSIDE ST	0200	21ST AVE	END E	425	37	15,725	R	2	AC	1/10/2019	40
BIRCH	BIRCH CT	0100	W END	MADSEN AVE	245	37	9,065	R	2	AC	1/11/2019	39
NEVADA	NEVADA ST WEST	0200	10TH AVE	8TH AVE	655	37	24,235	R	2	AC	2/11/2019	39
25TH	25TH AVE	0100	WINTER ST	CAROLYN ST	781	37	28,897	R	2	AC	1/11/2019	38
6TH	6TH AVE	0300	MEHLERT ST	KERN ST	1,320	28	36,960	C	2	AC	2/11/2019	38
MARIPOSA	MARIPOSA ST	0400	8TH AVE	10TH AVE	657	37	24,309	R	2	AC	2/11/2019	38
STROUD E	STROUD AVE E	0800	22ND AVE	MADSEN AVE	940	36	33,840	C	2	AC	1/11/2019	38
15TH	15TH AVE	0500	STROUD AVE	KLEPPER ST	1,300	36	46,800	R	2	AC	1/29/2019	37
6TH	6TH AVE	0100	E CLARKSON AVE	WIDTH CHANGE	662	26	17,212	C	2	AC	2/11/2019	37
EARL	EARL ST	0100	FRONTAGE RD	SIMPSON ST	258	47	12,126	C	2	AC	2/10/2019	36
TULARE	TULARE ST	0100	10TH AVE	14TH AVE	1,302	45	58,590	R	2	AC	1/23/2019	36
12TH	12TH AVE	0300	UNION ST	WINTER ST	645	56	36,120	R	2	AC	1/23/2019	35
ELLIS	ELLIS ST	0200	CALIFORNIA ST	MARION ST	369	62	22,878	C	2	AC	2/10/2019	35
KLEPPER	KLEPPER ST	0200	14TH AVE	18TH AVE	1,261	33	41,613	R	2	AC	2/4/2019	35
MADSEN	MADSEN AVE	0300	STROUD AVE E	KLEPPER ST	1,320	30	39,600	C	2	AC	1/11/2019	35
VENTURA	VENTURA ST	0200	14TH AVE	18TH AVE	1,316	37	48,692	R	2	AC	1/23/2019	35
14TH	14TH AVE	0700	STROUD AVE	KLEPPER ST	1,333	45	59,985	R	2	AC	2/4/2019	34
23RD	23RD AVE	0200	WINTER ST	CAROLYN ST	773	36	27,828	R	2	AC	1/11/2019	34
CAROLYN	CAROLYN ST	0100	24TH AVE	MADSEN AVE	437	37	16,169	R	2	AC	1/11/2019	34
6TH	6TH AVE	0200	WIDTH CHANGE	MEHLERT ST	688	16	11,008	C	2	AC	2/11/2019	33
MADSEN	MADSEN AVE	0200	WINTER ST	STROUD AVE E	1,155	27	31,185	C	2	AC	1/11/2019	33
VENTURA	VENTURA ST	0100	10TH AVE	14TH AVE	1,315	37	48,655	R	2	AC	1/23/2019	33
MARIPOSA	MARIPOSA ST	0350	6TH AVE	8TH AVE	706	37	26,122	R	2	AC	2/11/2019	32
NEVADA	NEVADA ST WEST	0300	8TH AVE	6TH AVE	715	37	26,455	R	2	AC	2/11/2019	32
UNION	UNION ST	0100	10TH AVE	14TH AVE	1,314	37	48,618	R	2	AC	1/23/2019	31
KERN	KERN ST	0400	CARDINAL LN	6TH AVE	946	31	29,326	R	2	AC	1/29/2019	30
MADSEN	MADSEN AVE	0100	SIERRA ST	WINTER ST	1,475	27	39,825	C	2	AC	1/11/2019	30
UNION	UNION ST	0200	14TH AVE	18TH AVE	1,322	37	48,914	R	2	AC	1/23/2019	30
WINDSORDR	WINDSOR DR	0400	23RD AVE	24TH AVE	271	36	9,756	R	2	AC	1/11/2019	30
7TH	7TH AVE	0100	MEHLERT ST	ROOSEVELT ST	924	37	34,188	R	2	AC	2/11/2019	29
8TH	8TH AVE	0150	KERN ST	MARIPOSA ST	637	37	23,569	R	2	AC	2/11/2019	28
11TH CT	11TH CT	0200	WARKENTIN	END N	180	20	3,600	R	2	AC	3/19/2019	27
16TH	16TH AVE	0100	SIERRA ST	WINTER ST	1,442	53	76,426	R	2	AC	2/4/2019	27

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
MISSION	MISSION ST	0100	FRONTAGE RD	SIMPSON ST	170	33	5,610	R	2	AC	2/10/2019	26
TULARE	TULARE ST	0200	14TH AVE	18TH AVE	1,315	45	59,175	R	2	AC	1/23/2019	26
18TH	18TH AVE	0800	105' S/O KAMM AVE	160' N/O SOLIG ST	910	38	34,580	A	2	AC	1/29/2019	25
CLARKSON E	CLARKSON AVE E	0300	KERN ST	CITY LIMIT	524	32	16,768	C	2	AC	3/19/2019	25
MEHLERT	MEHLERT ST	0400	14TH AVE	HWY 99 RAMP	850	29	24,650	C	2	AC	1/10/2019	24
CLARKSON E	CLARKSON AVE E	0100	6TH AVE	10TH AVE	1,353	40	54,120	C	2	AC	1/10/2019	23
LEWIS	LEWIS ST	0100	KERN ST	END N	573	36	20,628	R	2	AC	3/19/2019	23
ORANGE	ORANGE ST	0300	6TH AVE	PAVEMENT CHANGE	1,020	37	37,740	R	2	AC	2/11/2019	23
STROUD E	STROUD AVE E	0300	670' E/O 10TH AVE	10TH AVE	670	37	24,790	C	2	AC	1/23/2019	22
12TH	12TH AVE	0200	SIERRA ST	UNION ST	781	56	43,736	R	2	AC	1/23/2019	21
ELLIS	ELLIS ST	0100	FRONTAGE RD	SIMPSON ST	228	42	9,576	R	2	AC	1/20/2019	18
CHURCH	CHURCH ST	0100	LEWIS ST	DRAPER ST	446	60	26,760	R	2	AC	3/19/2019	16
WASHINGTON	WASHINGTON ST	0100	SIERRA ST	18TH AVE	1,118	45	50,310	R	2	AC	2/11/2019	12
CLARKSON E	CLARKSON AVE E	0200	10TH AVE	12TH AVE	797	26	20,722	C	2	AC	1/10/2019	11
INDIANOLA	INDIANOLA ST	0100	S END	MOUNTAIN VIEW	1,556	18	28,008	C	2	AC	2/10/2019	9
LAKE	LAKE ST	0300	W END	8TH AVE	425	36	15,300	R	2	AC	2/11/2019	8
WILLIAMS	WILLIAMS ST	0100	CALIFORNIA ST	SIERRA ST	347	39	13,533	R	2	AC	2/10/2019	4



Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
CALIFORNIA	CALIFORNIA ST	0300	ELLIS ST	WILLIAMS ST	512	40	20,480	R	2	GRAVEL		0
LINDQUIST	LINDQUIST ST	0200	21ST AVE	END E	154	28	4,312	R	2	GRAVEL		0

Appendix C

Maintenance and Rehabilitation (M&R) Decision Tree

Maintenance and Rehabilitation Decision Tree

This report presents the current maintenance and rehabilitation (M&R) decision tree that exists in the database. The decision tree forms the basis for all of the budgetary computations that are included in this volume. ***Changes to the decision tree will make the results in the budget reports invalid.*** All pavement treatment unit costs relevant to the street types in the database were updated.

The decision tree lists the treatments and costs selected for preventive maintenance and rehabilitation activities. Each line represents a specific combination of functional classification and surface type.

The preventive maintenance portion of the report is identified as Condition Category I – Good. All preventive maintenance treatment listings are assigned only to sections in Condition Category I. Street sections with PCI values under this range are assigned to treatments listed in Categories II through V.

In the preventive maintenance category, a time sequence is used to identify the appropriate treatment and cost. Each preventive maintenance treatment description consists of three parts: 1) a CRACK treatment, 2) a SURFACE treatment, and 3) a RESTORATION treatment. These three parts allow the user to specify one of three different preventive maintenance treatments depending on the prior maintenance history of the section.

1. The CRACK treatment part can be used to specify the most frequent type of preventive maintenance activity planned (typically crack seals).
2. The SURFACE treatment part can be used to specify more extensive and less frequent preventive maintenance activities, such as chip seals or slurry seals. For example, a crack seal can be specified on a 3-year cycle with a slurry seal specified after seven years.
3. The RESTORATION part can be used to specify a surface restoration treatment (such as an overlay) to be performed after a specified number of surface treatments. For example, after three successive slurry seals, an overlay can be specified instead of another slurry seal.

Rehabilitation treatments are assigned to sections in Condition Categories II through V. Each line is defined by a specific combination of functional classification, surface type, and condition category.

The City adjusted the PCI thresholds for budget analysis in StreeSaver® for different functional classifications to meet the goal of improving the PCI.

- Arterial/Collector functional class
 - Good 70-100
 - Fair 50-69
 - Poor 25-49
 - Very Poor 0-24

- Residential/Local/Alley functional class
 - Good 70-100
 - Fair 50-69
 - Poor 25-49
 - Very Poor 0-24

COLUMN	DESCRIPTION
Functional Class	Functional Classification identifying the branch number.
Surface	Surface Type identifying the branch number. Surface Type (AC Pavement, AC/AC = AC Overlay of AC Pavement, AC/PCC = AC Overlay of PCC Pavement, PCC = PCC Pavement, ST = Surface treatment over gravel base/subgrade).
Condition Category	Condition Category (I through V).
Treatment Type	First Row (Crack Treatment) indicates localized treatment (e.g. crack sealing). Second Row (Surface Treatment) indicates surface treatment (e.g. microsurfacing). Third Row (Restoration Treatment) indicates surface restoration (e.g. overlay).
Treatment	Name of treatments from the "Treatment Descriptions" report.
Cost/SqYd, except Seal Cracks in LF	Average unit cost per square yard for each treatment except for "SEAL CRACKS" which is cost per linear feet.
Yrs. Between Crack Seals	First Row - number of years between successive treatment applications specified in the first row (i.e. CRACK treatment).
Yrs. Between Surface Seals	Second Row - number of years between successive treatment applications specified in the second row (i.e. SURFACE treatment).
# of Surface Seals before Overlay	Number of times that the treatment application in the second row (i.e. SURFACE treatment) will be performed prior to performing the treatment application in the third row.

Treatments highlighted in yellow indicated that a specific functional class and surface combination does not exist within the City (i.e. an AC overlay of PCC pavement arterial street, a surface treatment over gravel base/subgrade pavement residential street, etc.). Therefore, treatments for these functional class and surface combination will be "Do Nothing".

Note that the treatments assigned to each section should not be blindly followed in preparing a street maintenance program. Engineering judgment and project level analysis should be applied to ensure that the treatment is appropriate and cost effective for the section.

Decision Tree

Printed: 03/12/2019


Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$5.00		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.50			3
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$17.50			
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$31.00			
		IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$40.00			
		V - Very Poor		3" HMA+6" AB	\$66.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$5.00		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.50			3
II - Good, Non-Load Related			1.5" MILL AND HMA OVERLAY	\$17.50				
III - Good, Load Related			2" MILL AND HMA OVERLAY+BASE REPAIRS	\$31.00				
	IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$40.00				
	V - Very Poor		3" HMA+6" AB	\$66.00				
AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3			
		Surface Treatment	DO NOTHING	\$0.00		7		
		Restoration Treatment	DO NOTHING	\$0.00			3	
	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		DO NOTHING	\$0.00				

Functional Class and Surface combination not used

Decision Tree

Printed: 03/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			
	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			

 Functional Class and Surface combination not used

Decision Tree

Printed: 03/12/2019


Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3			
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.75		7		
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.00			3	
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$17.00				
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$30.00				
		IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$39.00				
		V - Very Poor		3" HMA+6" AB	\$65.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3			
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.75		7		
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.00			3	
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$17.00				
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$30.00				
		IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$39.00				
		V - Very Poor		3" HMA+6" AB	\$65.00				
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3			
			Surface Treatment	DO NOTHING	\$0.00		7		
Restoration Treatment			DO NOTHING	\$0.00			3		
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			DO NOTHING	\$0.00					

Functional Class and Surface combination not used

Decision Tree

Printed: 03/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			
	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			

 Functional Class and Surface combination not used

Decision Tree

Printed: 03/12/2019


Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.50		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.00			3
		II - Good, Non-Load Related		SLURRY SEAL	\$4.50			
		III - Good, Load Related		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$9.00			
		IV - Poor		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$11.75			
		V - Very Poor		2" HMA+4" AB	\$47.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.50		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$17.00			3
II - Good, Non-Load Related			SLURRY SEAL+CRACK SEAL	\$4.50				
III - Good, Load Related			SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$9.00				
	IV - Poor		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$11.75				
	V - Very Poor		2" HMA+4" AB	\$47.00				
AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3			
		Surface Treatment	DO NOTHING	\$0.00		7		
		Restoration Treatment	DO NOTHING	\$0.00			3	
	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		DO NOTHING	\$0.00				

Functional Class and Surface combination not used

Decision Tree

Printed: 03/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			
	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		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		DO NOTHING	\$0.00			

 Functional Class and Surface combination not used

Appendix D

Budget Needs

- I. Projected PCI/Cost Summary**
- II. Rehabilitation Treatment/Cost Summary**
- III. Preventive Maintenance Treatment/Cost Summary**

Budget Needs Reports

The purpose of this module is to answer the question: ***If the City had all the money in the world, what sections should be fixed and how much will it cost?*** Based on the Maintenance & Rehabilitation (M&R) decision tree and the PCIs of the sections, the program will then select a maintenance or rehabilitation action and compute the total costs over a period of ten years. The Budget Needs represents the "ideal world" funding levels, while the Budget Scenarios reports in the next section represent the most "cost effective" prioritization possible for the actual funding levels.

A budget needs analysis has been performed. The summary results from the analysis are shown below. An interest rate of 3% and an inflation factor of 3% were used to project the costs for the next ten years. This report shows the total ten-year budget that would be required to meet the City's standards as exemplified in the M&R decision tree.

As indicated in the report, with a budget of \$23.7 million over the next ten years the PCI of the street network will improve from the current level of 66 to 84 by fiscal year (FY) 2028/29. If no treatments are programmed, the weighted average PCI is projected to deteriorate to 42 by FY 2028/29.

Budget Needs reports included in this volume are listed below:

- Projected PCI/Cost Summary
- Preventative Maintenance Treatment/Cost Summary
- Rehabilitation Treatment/Cost Summary

Needs - Projected PCI /Cost Summary

This report summarizes and projects the City's network PCI values over a ten-year period, both with and without treatments applied. These costs are based on those in the M&R decision tree. It also projects the costs over a ten-year period.

COLUMN	DESCRIPTION
Year	Year in the analysis period.
PCI Treated	Projected network average PCI with all needed treatments applied.
PCI Untreated	Projected network average PCI without any treatments applied.
PM Cost	Total preventive maintenance treatment cost.
Rehab Cost	Total rehabilitation treatment cost.
Cost	The budget required for each year in the analysis period to meet the City's standard as shown on the M&R decision tree.
Total Cost	Total budget required over a ten-year period.

Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 05/02/2019

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2019	82	64	\$1,624,220	\$10,444,388	\$12,068,608
2020	82	62	\$198,232	\$1,899,965	\$2,098,197
2021	83	59	\$99,501	\$1,398,484	\$1,497,985
2022	82	57	\$80,911	\$190,444	\$271,355
2023	82	55	\$701,749	\$67,686	\$769,435
2024	81	52	\$844,886	\$0	\$844,886
2025	81	50	\$353,109	\$139,583	\$492,692
2026	84	47	\$3,671,421	\$81,446	\$3,752,867
2027	84	45	\$1,047,218	\$0	\$1,047,218
2028	84	42	\$901,102	\$0	\$901,102
			% PM	PM Total Cost	Rehab Total Cost
			40.10%	\$9,522,349	\$14,221,996
					Total Cost
					\$23,744,345

Needs - Rehabilitation Treatment/Cost Summary

This report summarizes each rehabilitation treatment type, quantity of pavement affected, and total costs over the ten-year period. It also summarizes the total quantities and costs over the next ten years.

COLUMN	DESCRIPTION
Treatment	Type of rehabilitation treatments needed.
Year	Year in the analysis period (i.e. 2019, 2021, 2022 etc).
Area Treated	Quantities in square yard.
Cost	Rehabilitation treatment cost.

Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/02/2019

Treatment	Year	Area Treated		Cost
1.5" MILL AND HMA OVERLAY	2019	77,450.56	sq.yd.	\$1,319,155
	2020	13,126.67	sq.yd.	\$232,328
	2021	19,550.44	sq.yd.	\$352,600
	Total	110,127.67	sq.yd.	\$1,904,083
2" HMA+4" AB	2019	31,374.22	sq.yd.	\$1,474,591
	Total	31,374.22	sq.yd.	\$1,474,591
2" MILL AND HMA OVERLAY+BASE REPAIRS	2019	17,092	sq.yd.	\$522,067
	2020	5,853.33	sq.yd.	\$186,897
	Total	22,945.33	sq.yd.	\$708,964
2.5" MILL AND HMA OVERLAY+BASE REPAIRS	2019	65,105.78	sq.yd.	\$2,556,354
	Total	65,105.78	sq.yd.	\$2,556,354
3" HMA+6" AB	2019	30,402.44	sq.yd.	\$1,980,003
	Total	30,402.44	sq.yd.	\$1,980,003
SLURRY SEAL+CRACK SEAL+BASE REPAIRS	2019	167,524.22	sq.yd.	\$1,890,011
	2020	46,978.33	sq.yd.	\$459,546
	2021	37,325.33	sq.yd.	\$356,390
	2022	2,491.33	sq.yd.	\$24,502
	2023	1,344	sq.yd.	\$13,615
	Total	255,663.22	sq.yd.	\$2,744,064
SLURRY SEAL	2019	156,044.44	sq.yd.	\$702,207
	2020	220,314.67	sq.yd.	\$1,021,194
	2021	144,420.67	sq.yd.	\$689,494
	2022	33,745.44	sq.yd.	\$165,942
	2023	10,675.11	sq.yd.	\$54,071
	2025	25,976.78	sq.yd.	\$139,583
	2026	14,715.67	sq.yd.	\$81,446
	Total	605,892.78	sq.yd.	\$2,853,937
Total Cost				\$14,221,996

Needs - Preventive Maintenance Treatment/Cost Summary

This report summarizes each preventive maintenance treatment type, quantity of pavement affected, and total costs over the ten-year period. It also summarizes the total quantities and costs over the next ten years.

COLUMN	DESCRIPTION
Treatment	Type of preventive maintenance treatments needed.
Year	Year in the analysis period (i.e. 2019, 2021, 2022, etc).
Area Treated	Quantities in linear feet (Seal Cracks) or square yard (Slurry Seal).
Cost	Maintenance treatment cost.

Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/02/2019

Treatment	Year	Area Treated		Cost
1.5" MILL AND HMA OVERLAY	2023	36,330.44	sq.yd.	\$695,138
	2024	42,716.89	sq.yd.	\$841,853
	2025	16,372.89	sq.yd.	\$332,355
	2026	10,958.78	sq.yd.	\$229,126
	2027	4,764.78	sq.yd.	\$102,610
	2028	14,698.67	sq.yd.	\$326,036
	Total	125,842.44		\$2,527,118
SEAL CRACKS	2022	12,580.21	ft.	\$13,843
	2023	5,849.2	ft.	\$6,611
	2024	2,605.47	ft.	\$3,033
	2025	17,298.33	ft.	\$20,754
	2026	5,639.2	ft.	\$6,959
	2027	3,410.35	ft.	\$4,338
	2028	2,498.2	ft.	\$3,277
	Total	49,880.97		\$58,815
SLURRY SEAL+CRACK SEAL	2019	352,561.44	sq.yd.	\$1,624,220
	2020	42,343.56	sq.yd.	\$198,232
	2021	20,468.67	sq.yd.	\$99,501
	2022	12,920.78	sq.yd.	\$67,068
	2026	599,810.56	sq.yd.	\$3,435,336
	2027	162,871	sq.yd.	\$940,270
	2028	95,922.67	sq.yd.	\$571,789
	Total	1,286,898.67		\$6,936,416
Total Quantity		1,462,622.08		\$9,522,349

Appendix E

Scenario Summary Reports

I. Cost Summary

II. Network Condition Summary

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/02/2019

Scenario: S1: City's Existing Budget of
\$400k/Year

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2019	40%	\$400,000	II	\$239,415	Non-Project	\$160,380	\$0	\$11,668,756	Funded	\$0
			III	\$0					Unmet	\$121,389
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$239,415						
			Project	\$0						
2020	40%	\$400,000	II	\$238,543	Non-Project	\$161,313	\$0	\$13,312,805	Funded	\$0
			III	\$0					Unmet	\$6,925
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$238,543						
			Project	\$0						
2021	40%	\$400,000	II	\$238,912	Non-Project	\$160,111	\$0	\$15,319,573	Funded	\$0
			III	\$0					Unmet	\$5,825
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$238,912						
			Project	\$0						
2022	40%	\$400,000	II	\$239,270	Non-Project	\$160,513	\$0	\$17,569,574	Funded	\$0
			III	\$0					Unmet	\$4,501
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$239,270						
			Project	\$0						
2023	40%	\$400,000	II	\$239,735	Non-Project	\$159,655	\$345	\$19,049,095	Funded	\$0
			III	\$0					Unmet	\$4,308
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$239,735						
			Project	\$0						
2024	40%	\$400,000	II	\$237,950	Non-Project	\$161,004	\$0	\$20,081,592	Funded	\$0
			III	\$0					Unmet	\$242,462
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$237,950						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2025	40%	\$400,000	II	\$238,026	Non-Project	\$161,996	\$0	\$21,308,696	Funded	\$0
			III	\$0					Unmet	\$8,028
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$238,026						
			Project	\$0						
2026	40%	\$400,000	II	\$237,037	Non-Project	\$161,339	\$0	\$23,360,635	Funded	\$0
			III	\$0					Unmet	\$3,628
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$237,037						
			Project	\$0						
2027	30%	\$400,000	II	\$8,789	Non-Project	\$122,358	\$0	\$24,469,679	Funded	\$0
			III	\$45,569					Unmet	\$1,619
			IV	\$196,456	Project	\$0				
			V	\$23,816						
			Total	\$274,630						
			Project	\$0						
2028	30%	\$400,000	II	\$176,998	Non-Project	\$119,737	\$263	\$26,685,078	Funded	\$0
			III	\$46,936					Unmet	\$0
			IV	\$17,081	Project	\$0				
			V	\$38,226						
			Total	\$279,241						
			Project	\$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$258,827	\$574,797	\$0	\$23,560
Collector	\$1,439,142	\$293,637	\$0	\$124,968
Residential/Local	\$764,790	\$659,972	\$0	\$250,156
Grand Total:	\$2,462,759	\$1,528,406	\$0	\$398,684

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/02/2019

Scenario: S1: City's Existing Budget of
\$400k/Year

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$400,000	40%	2023	\$400,000	40%	2027	\$400,000	30%
2020	\$400,000	40%	2024	\$400,000	40%	2028	\$400,000	30%
2021	\$400,000	40%	2025	\$400,000	40%			
2022	\$400,000	40%	2026	\$400,000	40%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	64	65	3.07	6.14
2020	62	63	2.02	4.05
2021	59	61	2.48	4.97
2022	57	60	4.84	9.92
2023	55	58	4.01	8.02
2024	52	56	4.35	8.70
2025	50	55	6.63	13.92
2026	47	53	6.69	13.37
2027	45	52	5.88	11.76
2028	42	50	6.64	13.94

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.4%	9.9%	34.2%	0.0%	49.5%
II / III	2.0%	7.3%	16.9%	0.0%	26.2%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.9%	10.2%	36.2%	0.0%	52.2%
II / III	1.5%	7.0%	14.9%	0.0%	23.4%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.4%	11.0%	30.8%	0.0%	47.2%
II / III	0.7%	0.0%	8.1%	0.0%	8.8%
IV	1.4%	3.6%	14.0%	0.0%	19.0%
V	1.9%	9.4%	13.8%	0.0%	25.1%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/03/2019

Scenario: S2: Maintain Current PCI at 66

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2019	\$250,000	\$1,450,000	II	\$1,197,990	Non-Project	\$251,590	\$0	\$10,618,976	Funded	\$0
			III	\$0					Unmet	\$113,546
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$1,197,990						
			Project	\$0						
2020	\$250,000	\$1,450,000	II	\$747,549	Non-Project	\$253,152	\$0	\$11,204,026	Funded	\$0
			III	\$308,179					Unmet	\$784
			IV	\$119,147	Project	\$0				
			V	\$19,364						
			Total	\$1,194,239						
			Project	\$0						
2021	\$250,000	\$1,450,000	II	\$534,414	Non-Project	\$261,807	\$0	\$12,110,306	Funded	\$0
			III	\$203,888					Unmet	\$0
			IV	\$449,845	Project	\$0				
			V	\$0						
			Total	\$1,188,147						
			Project	\$0						
2022	\$250,000	\$1,450,000	II	\$437,624	Non-Project	\$251,948	\$0	\$13,131,353	Funded	\$0
			III	\$39,308					Unmet	\$0
			IV	\$720,698	Project	\$0				
			V	\$0						
			Total	\$1,197,630						
			Project	\$0						
2023	\$250,000	\$1,450,000	II	\$60,277	Non-Project	\$254,105	\$0	\$13,285,347	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$1,133,119						
			Total	\$1,193,396						
			Project	\$0						
2024	\$250,000	\$1,450,000	II	\$0	Non-Project	\$248,311	\$1,689	\$13,101,466	Funded	\$0
			III	\$0					Unmet	\$182,179
			IV	\$19,936	Project	\$0				
			V	\$1,176,305						
			Total	\$1,196,241						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2025	\$250,000	\$1,450,000	II	\$114,699	Non-Project	\$250,495	\$0	\$12,782,098	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$25,704	Project	\$0				
			V	\$1,054,376						
			Total	\$1,194,779	Project	\$0				
2026	\$250,000	\$1,450,000	II	\$133,183	Non-Project	\$250,810	\$0	\$12,808,004	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$14,378	Project	\$0				
			V	\$1,047,393						
			Total	\$1,194,954	Project	\$0				
2027	\$250,000	\$1,450,000	II	\$8,343	Non-Project	\$268,502	\$0	\$12,723,541	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$24,844	Project	\$0				
			V	\$1,148,046						
			Total	\$1,181,233	Project	\$0				
2028	\$250,000	\$1,450,000	II	\$511,325	Non-Project	\$282,596	\$0	\$13,083,835	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$655,831						
			Total	\$1,167,156	Project	\$0				

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,932,198	\$752,296	\$0	\$8,435
Collector	\$2,879,705	\$543,733	\$0	\$97,222
Residential/Local	\$7,093,862	\$1,277,287	\$0	\$190,852
Grand Total:	\$11,905,765	\$2,573,316	\$0	\$296,510

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/03/2019

Scenario: S2: Maintain Current PCI at 66

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,450,000	\$250,000	2023	\$1,450,000	\$250,000	2027	\$1,450,000	\$250,000
2020	\$1,450,000	\$250,000	2024	\$1,450,000	\$250,000	2028	\$1,450,000	\$250,000
2021	\$1,450,000	\$250,000	2025	\$1,450,000	\$250,000			
2022	\$1,450,000	\$250,000	2026	\$1,450,000	\$250,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	64	67	6.43	13.11
2020	62	66	8.15	17.52
2021	59	66	5.71	11.43
2022	57	65	10.87	21.98
2023	55	65	10.38	21.97
2024	52	65	8.83	17.66
2025	50	65	14.61	29.46
2026	47	66	12.28	25.77
2027	45	66	11.58	23.87
2028	42	66	13.50	27.43

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.4%	9.9%	34.2%	0.0%	49.5%
II / III	2.0%	7.3%	16.9%	0.0%	26.2%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.9%	15.2%	36.7%	0.0%	57.8%
II / III	1.5%	2.0%	14.4%	0.0%	17.9%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.7%	17.1%	51.4%	0.0%	77.2%
II / III	0.7%	0.0%	0.4%	0.0%	1.1%
IV	0.0%	0.0%	9.5%	0.0%	9.5%
V	0.0%	7.0%	5.3%	0.0%	12.3%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/03/2019

Scenario: S3: Improve PCI to 70

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2019	\$250,000	\$1,700,000	II	\$1,447,068	Non-Project	\$251,590	\$0	\$10,369,900	Funded	\$0
			III	\$0						
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$1,447,068						
			Project	\$0						
2020	\$250,000	\$1,700,000	II	\$490,991	Non-Project	\$250,516	\$0	\$10,697,235	Funded	\$0
			III	\$484,024						
			IV	\$472,094	Project	\$0				
			V	\$0						
			Total	\$1,447,109						
			Project	\$0						
2021	\$250,000	\$1,700,000	II	\$534,414	Non-Project	\$249,677	\$323	\$11,327,884	Funded	\$0
			III	\$0						
			IV	\$764,385	Project	\$0				
			V	\$150,524						
			Total	\$1,449,323						
			Project	\$0						
2022	\$250,000	\$1,700,000	II	\$539,300	Non-Project	\$252,762	\$0	\$12,146,708	Funded	\$0
			III	\$13,218						
			IV	\$313,175	Project	\$0				
			V	\$581,325						
			Total	\$1,447,018						
			Project	\$0						
2023	\$250,000	\$1,700,000	II	\$2,452	Non-Project	\$251,127	\$0	\$11,961,607	Funded	\$0
			III	\$0						
			IV	\$13,158	Project	\$0				
			V	\$1,430,586						
			Total	\$1,446,196						
			Project	\$0						
2024	\$250,000	\$1,700,000	II	\$5,191	Non-Project	\$260,308	\$0	\$11,504,337	Funded	\$0
			III	\$14,023						
			IV	\$44,891	Project	\$0				
			V	\$1,372,952						
			Total	\$1,437,057						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2025	\$250,000	\$1,700,000	II	\$157,292	Non-Project	\$251,773	\$0	\$10,711,055	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$1,289,977						
			Total	\$1,447,269						
			Project	\$0						
2026	\$250,000	\$1,700,000	II	\$5,507	Non-Project	\$255,551	\$0	\$10,423,241	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$24,121	Project	\$0				
			V	\$1,411,598						
			Total	\$1,441,226						
			Project	\$0						
2027	\$250,000	\$1,700,000	II	\$56,677	Non-Project	\$255,386	\$0	\$10,120,719	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$1,384,371						
			Total	\$1,441,048						
			Project	\$0						
2028	\$250,000	\$1,700,000	II	\$502,390	Non-Project	\$272,201	\$0	\$10,064,301	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$18,279	Project	\$0				
			V	\$906,934						
			Total	\$1,427,603						
			Project	\$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,907,688	\$749,532	\$0	\$7,651
Collector	\$3,138,441	\$507,558	\$0	\$95,609
Residential/Local	\$9,384,788	\$1,293,801	\$0	\$162,333
Grand Total:	\$14,430,917	\$2,550,891	\$0	\$265,593

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/03/2019

Scenario: S3: Improve PCI to 70

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,700,000	\$250,000	2023	\$1,700,000	\$250,000	2027	\$1,700,000	\$250,000
2020	\$1,700,000	\$250,000	2024	\$1,700,000	\$250,000	2028	\$1,700,000	\$250,000
2021	\$1,700,000	\$250,000	2025	\$1,700,000	\$250,000			
2022	\$1,700,000	\$250,000	2026	\$1,700,000	\$250,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	64	67	8.91	18.06
2020	62	67	6.13	13.48
2021	59	67	5.90	11.80
2022	57	67	13.21	26.66
2023	55	67	8.84	18.90
2024	52	67	9.41	18.82
2025	50	68	16.36	32.95
2026	47	69	11.99	25.19
2027	45	69	12.06	24.59
2028	42	70	15.18	31.03

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.4%	9.9%	34.2%	0.0%	49.5%
II / III	2.0%	7.3%	16.9%	0.0%	26.2%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.9%	15.2%	41.7%	0.0%	62.8%
II / III	1.5%	2.0%	9.3%	0.0%	12.9%
IV	1.6%	4.4%	12.7%	0.0%	18.7%
V	0.4%	2.4%	2.9%	0.0%	5.6%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.7%	17.7%	55.3%	0.0%	81.7%
II / III	0.7%	0.0%	0.3%	0.0%	0.9%
IV	0.0%	0.0%	9.5%	0.0%	9.5%
V	0.0%	6.3%	1.5%	0.0%	7.8%
Total	9.3%	24.0%	66.6%	0.0%	100.0%

Appendix F

Scenario 3: \$1.7m per year (Improve Network PCI to 70)

Sections Selected for Treatment

Based on the recommended annual budget of \$1.7 million (Scenario 3), the "Sections Selected for Treatment" list provides the City with potential candidates for treatment based on each section's functional classification, PCI, treatment history, and available funding.

This list should not be blindly followed when preparing a street maintenance program. Engineering judgment and project level analysis should be applied to ensure that the treatment is appropriate and cost effective.

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 05/07/2019
Scenario: S3: Improve PCI to 70

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,700,000	\$250,000	2023	\$1,700,000	\$250,000	2027	\$1,700,000	\$250,000
2020	\$1,700,000	\$250,000	2024	\$1,700,000	\$250,000	2028	\$1,700,000	\$250,000
2021	\$1,700,000	\$250,000	2025	\$1,700,000	\$250,000			
2022	\$1,700,000	\$250,000	2026	\$1,700,000	\$250,000			

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
10TH AVE	CODY LN	MEHLERT ST	10TH	0200	640	45	28,800	C	AC		62	61	100	\$54,400	27,246	1.5" MILL AND HMA OVERLAY
18TH AVE	EARL ST	SIERRA ST	18TH	0300	1,211	37	44,807	A	AC		62	61	100	\$87,125	34,916	1.5" MILL AND HMA OVERLAY
BETHEL AVE SOUTH	MEADOW LN WEST	SIERRA AVE WEST	BETHEL S	0300	631	43	27,133	C	AC		70	69	100	\$51,252	24,204	1.5" MILL AND HMA OVERLAY
BETHEL AVE SOUTH	1,500' N/O CLARKSON AVE	MAGNOLIA ST	BETHEL S	0700	1,133	25	28,325	C	AC		70	69	100	\$53,503	24,132	1.5" MILL AND HMA OVERLAY
DRAPER ST	SIMPSON ST	MARION ST	DRAPER ST	0200	576	75	43,200	C	AC		67	66	100	\$81,600	25,407	1.5" MILL AND HMA OVERLAY
DRAPER ST	MARION ST	LINCOLN ST	DRAPER ST	0300	840	74	62,160	C	AC		65	64	100	\$117,414	26,196	1.5" MILL AND HMA OVERLAY
ELLIS ST	MARION ST	SIERRA ST	ELLIS	0300	1,063	62	65,906	C	AC		70	69	100	\$124,490	24,092	1.5" MILL AND HMA OVERLAY
MADSEN AVE	KLEPPER ST	KAMM AVE	MADSEN	0400	1,350	30	40,500	C	AC		68	67	100	\$76,500	25,088	1.5" MILL AND HMA OVERLAY
MADSEN AVE	KAMM AVE	364' N/O AZALEA ST	MADSEN	0500	1,310	44	57,640	C	AC		69	68	100	\$108,876	24,663	1.5" MILL AND HMA OVERLAY
MADSEN AVE	364' N/O AZALEA ST	CARUTHERS AVE E	MADSEN	0600	1,357	21	28,497	C	AC		60	60	100	\$53,828	27,646	1.5" MILL AND HMA OVERLAY
MAGNOLIA ST	BETHEL AVE SOUTH	NELSON ST	MAGNOLIA S	0100	1,315	20	26,300	C	AC		61	60	100	\$49,678	27,597	1.5" MILL AND HMA OVERLAY
STROUD AVE E	1000' E/O SIMPSON ST	670' W/O 10TH AVE	STROUD E	0200	1,187	33	39,171	C	AC		68	67	100	\$73,990	25,050	1.5" MILL AND HMA OVERLAY
STROUD AVE E	14TH AVE	18TH AVE	STROUD E	0500	1,287	34	43,758	C	AC		70	69	100	\$82,654	24,153	1.5" MILL AND HMA OVERLAY
STROUD AVE E	18TH AVE	20TH AVE	STROUD E	0600	860	37	31,820	C	AC		70	69	100	\$60,105	24,153	1.5" MILL AND HMA OVERLAY
											Treatment Total		\$1,075,415			
10TH AVE	SIERRA ST	UNION ST	10TH	0600	808	55	44,440	C	AC		80	80	87	\$23,455	25,156	SLURRY SEAL+CRACK SEAL
18TH AVE	SIERRA ST	WINTER ST	18TH	0400	1,450	38	55,100	A	AC		79	78	86	\$30,612	30,242	SLURRY SEAL+CRACK SEAL
KAMM AVE	BETHEL AVE	1500' E/O BETHEL AVE	KAMM	0100	1,500	24	36,000	A	AC		82	81	89	\$20,000	28,112	SLURRY SEAL+CRACK SEAL
KAMM AVE	1500' E/O BETHEL AVE	CULVERT	KAMM	0200	1,395	24	33,480	A	AC		75	74	83	\$18,600	31,303	SLURRY SEAL+CRACK SEAL

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 05/07/2019
Scenario: S3: Improve PCI to 70

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KAMM AVE	CULVERT	830' E/O CULVERT	KAMM	0300	830	24	19,920	A	AC		75	74	83	\$11,067	31,303	SLURRY SEAL+CRACK SEAL
KAMM AVE	23RD AVE	MADSEN AVE	KAMM	1100	984	61	60,024	C	AC		81	80	88	\$31,680	25,165	SLURRY SEAL+CRACK SEAL
MENDOCINO AVE	CARNATION ST	CARUTHERS AVE	MENDOCINO	0200	1,300	33	42,900	A	AC		79	78	86	\$23,834	30,242	SLURRY SEAL+CRACK SEAL
SIMPSON ST	S END	SIERRA ST	SIMPSON	0100	4,054	41	166,214	A	AC		77	77	85	\$92,342	30,924	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$251,590			
11TH AVE	RAYSER ST	KERN ST	11TH	0100	674	37	24,938	R	AC		61	61	71	\$12,469	27,106	SLURRY SEAL
11TH CT	CODY LN	SKYLE AVE	11TH CT	0100	333	36	11,988	R	AC		68	68	77	\$5,994	23,303	SLURRY SEAL
12TH AVE	STROUD AVE	KLEPPER ST	12TH	0600	1,330	36	47,880	R	AC		62	62	72	\$23,940	27,658	SLURRY SEAL
14TH AVE	KLEPPER ST	HOWARD ST	14TH	0800	620	54	33,480	R	AC		66	66	75	\$16,740	22,994	SLURRY SEAL
16TH AVE	KLEPPER ST	HOWARD ST	16TH	0400	466	34	15,844	R	AC		69	69	78	\$7,922	23,418	SLURRY SEAL
16TH AVE	HEMMA ST	NORTH END	16TH	0500	196	33	6,468	R	AC		66	66	75	\$3,234	22,980	SLURRY SEAL
17TH AVE	KLEPPER ST	HOWARD ST	17TH	0300	460	34	15,640	R	AC		65	65	74	\$7,820	22,820	SLURRY SEAL
19TH AVE	STROUD AVE E	END N	19TH	0400	586	37	21,682	R	AC		60	60	70	\$10,841	26,456	SLURRY SEAL
20TH AVE	WINTER ST	WINDSOR DR	20TH	0300	306	38	11,628	R	AC		64	63	73	\$5,814	22,623	SLURRY SEAL
21ST AVE	KLEPPER ST	SKANSEN ST	21ST	0600	315	37	11,655	R	AC		63	62	72	\$5,828	27,952	SLURRY SEAL
22ND AVE	SKANSEN ST	HOWARD ST	22ND	0600	279	37	10,323	R	AC		62	62	72	\$5,162	27,641	SLURRY SEAL
7TH AVE	MARIPOSA ST	PLUMAS ST	7TH	0200	893	37	33,041	R	AC		62	62	72	\$16,521	27,695	SLURRY SEAL
AVENUE D	MEADOW LANE WEST	FOREST ST WEST	AVE D	0300	271	37	10,027	R	AC		67	67	76	\$5,014	23,171	SLURRY SEAL
AVENUE F	MEADOW ST WEST	NORTH END	AVE F	0400	509	37	18,833	R	AC		68	68	77	\$9,417	23,323	SLURRY SEAL
CAROLYN ST	23RD AVE	22ND AVE	CAROLYN	0200	286	37	10,582	R	AC		67	67	76	\$5,291	23,131	SLURRY SEAL
GILROY ST	MARION ST	18TH AVE	GILROY	0100	537	54	28,998	R	AC		68	68	77	\$14,499	23,331	SLURRY SEAL
HAROLD ST	WEST END	ACADEMY AVE	HAROLD	0200	679	31	21,049	R	AC		69	69	78	\$10,525	23,418	SLURRY SEAL
HOWARD ST	19TH AVE	22ND AVE	HOWARD	0300	973	28	27,244	R	AC		69	69	78	\$13,622	23,406	SLURRY SEAL
MARIPOSA ST	RAFER JOHNSON DR	6TH AVE	MARIPOSA	0300	1,284	37	47,508	R	AC		67	67	76	\$23,754	23,137	SLURRY SEAL
MARIPOSA ST	18TH AVE	END E	MARIPOSA	0500	1,275	32	40,800	R	AC		62	62	72	\$20,400	27,604	SLURRY SEAL
QUINCY ST	6TH AVENUE	END E	QUINCY	0100	570	36	20,520	R	AC		64	64	74	\$10,260	22,691	SLURRY SEAL
ROOSEVELT ST	12TH AVE	14TH AVE	ROOSEVELT	0200	606	36	21,816	R	AC		62	62	72	\$10,908	27,695	SLURRY SEAL
SILVERBROOKE ST	ACADEMY AVE	14TH AVE	SILVERBRKE	0050	1,152	36	41,472	R	AC		67	67	76	\$20,736	23,132	SLURRY SEAL
SKANSEN ST	23RD AVE	END E	SKANSEN	0200	770	37	28,490	R	AC		69	69	78	\$14,245	23,413	SLURRY SEAL
SKYLE AVE	10TH AVE	11TH CT	SKYLE	0100	465	36	16,740	R	AC		67	67	76	\$8,370	23,128	SLURRY SEAL
SMITH ST	DRAPER ST	ELLIS ST	SMITH	0300	431	72	31,032	R	AC		66	66	75	\$15,516	23,042	SLURRY SEAL
WINDSOR DR	14TH AVE	17TH AVE	WINDSOR R	0200	943	37	34,891	R	AC		69	69	78	\$17,446	23,413	SLURRY SEAL

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 05/07/2019
Scenario: S3: Improve PCI to 70

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
WINDSOR DR	19TH AVE	20TH AVE	WINDSOR DR	0300	464	37	17,168	R	AC		60	60	70	\$8,584	26,480	SLURRY SEAL
WINTER ST	14TH AVE	END E	WINTER	0100	1,073	34	36,482	R	AC		67	67	76	\$18,241	23,131	SLURRY SEAL
WINTER ST	19TH AVE	21ST AVE	WINTER	0300	800	37	29,600	R	AC		69	69	78	\$14,800	23,413	SLURRY SEAL
WINTER ST	24TH AVE	MADSEN AVE	WINTER	0500	430	36	15,480	R	AC		69	69	78	\$7,740	23,403	SLURRY SEAL
											Treatment Total			\$371,653		
Year 2019 Area Total											1,769,394		Year 2019 Total		\$1,698,658	

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SILVERBROOKE CIR	S END	SILVERBROOKE ST	SILVERBCR	0100	132	33	4,356	R	AC		51	48	62	\$5,858	8,345	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$5,858		
10TH AVE	STROUD AVE	135' N/O VINEYARD WAY	10TH	0900	393	48	18,864	C	AC		50	45	100	\$84,197	13,018	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
18TH AVE	STROUD AVE	KLEPPER ST	18TH	0600	1,285	60	77,100	A	AC		49	45	100	\$352,947	17,495	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
AVE 396	18TH AVE	CITY LIMIT	396	0100	155	41	6,355	A	AC		45	41	100	\$29,092	17,837	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$466,236		
FRONTAGE RD	HWY 99 ON-RAMP	10TH ST	FRONTAGE	0200	1,317	40	52,680	A	AC		71	68	100	\$186,897	16,732	2" MILL AND HMA OVERLAY+BASE REPAIRS
MENDOCINO AVE	KAMM ST	CARNATION ST	MENDOCINO	0100	1,250	67	83,750	A	AC		69	66	100	\$297,127	17,623	2" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$484,024		
10TH AVE	COUNTY LINE	CODY LN	10TH	0100	965	36	34,740	C	AC		71	68	100	\$67,589	24,128	1.5" MILL AND HMA OVERLAY
18TH AVE	WINTER ST	STROUD AVE	18TH	0500	1,140	38	43,320	A	AC		72	69	100	\$86,761	29,131	1.5" MILL AND HMA OVERLAY
BETHEL AVE SOUTH	KERN WEST	NEVADA ST WEST	BETHEL S	0100	835	48	40,080	C	AC		71	67	100	\$77,978	24,230	1.5" MILL AND HMA OVERLAY
											Treatment Total			\$232,328		
10TH AVE	MARIPOSA ST	PAVEMENT CHANGE	10TH	0500	860	36	30,960	C	AC		79	76	84	\$16,831	23,676	SLURRY SEAL+CRACK SEAL
15TH CT	HEMMA ST	NORTH END	15TH C	0100	198	33	6,534	R	AC		74	72	81	\$3,366	22,995	SLURRY SEAL+CRACK SEAL

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
19TH AVE	MARIPOSA ST	PLUMAS ST	19TH	0100	1,058	34	35,972	R	AC		74	72	81	\$18,526	22,996	SLURRY SEAL+CRACK SEAL
ASLAN WAY	14TH AVE	12TH AVE	ASLAN	0100	615	36	22,140	R	AC		75	73	82	\$11,403	23,034	SLURRY SEAL+CRACK SEAL
BETHEL AVE SOUTH	NEVADA ST WEST	MEADOWS LN WEST	BETHEL S	0200	1,125	48	54,000	C	AC		78	75	83	\$29,355	23,347	SLURRY SEAL+CRACK SEAL
EARL ST	MARION ST	18TH AVE	EARL	0300	1,024	44	45,056	C	AC		84	81	89	\$24,493	24,383	SLURRY SEAL+CRACK SEAL
KAMM AVE	14TH ST	15TH ST	KAMM	0700	626	61	38,186	C	AC		84	81	89	\$20,759	24,383	SLURRY SEAL+CRACK SEAL
KAMM AVE	15TH AVE	18TH AVE	KAMM	0800	750	61	45,750	C	AC		80	77	85	\$24,871	23,957	SLURRY SEAL+CRACK SEAL
KAMM AVE	350' W/O 23RD AVE	23RD AVE	KAMM	1000	350	42	14,700	C	AC		78	75	83	\$7,992	23,355	SLURRY SEAL+CRACK SEAL
MORGAN DR	ORANGE ST	SIERRA AVE WEST	MORGAN	0200	1,159	37	42,883	R	AC		75	73	82	\$22,085	23,034	SLURRY SEAL+CRACK SEAL
SANDELL ST	KLEPPER ST	HOWARD ST	SANDELL	0200	630	36	22,680	R	AC		75	73	82	\$11,681	23,034	SLURRY SEAL+CRACK SEAL
SILVERBROOKE ST	W END	25TH AVE	SILVERBRKE	0100	924	37	34,188	R	AC		75	73	82	\$17,607	23,040	SLURRY SEAL+CRACK SEAL
STROUD AVE E	10TH AVE	14TH AVE	STROUD E	0400	1,284	37	47,508	C	AC		80	77	85	\$25,826	24,038	SLURRY SEAL+CRACK SEAL
WINDSOR DR	10TH ST	12TH ST	WINDSOR DR	0100	825	37	30,525	R	AC		75	73	82	\$15,721	23,036	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$250,516			
14TH AVE	14TH ST	RAYSER ST	14TH	0100	860	36	30,960	R	AC		70	68	77	\$15,945	22,683	SLURRY SEAL
14TH AVE	RAYSER ST	MEHLERT ST	14TH	0200	607	36	21,852	R	AC		71	69	78	\$11,254	22,778	SLURRY SEAL
14TH AVE	HEMMA ST	AZALEA ST	14TH	0500	452	33	14,916	R	AC		71	69	78	\$7,682	22,792	SLURRY SEAL
15TH AVE	KAMM ST	HEMMA ST	15TH	0300	284	37	10,508	R	AC		70	68	77	\$5,412	22,695	SLURRY SEAL
19TH AVE	WINTER ST	STROUD AVE E	19TH	0300	1,153	37	42,661	R	AC		70	68	77	\$21,971	22,694	SLURRY SEAL
19TH AVE	STROUD AVE E	END N	19TH	0400	586	37	21,682	R	AC		60	69	78	\$11,167	30,145	SLURRY SEAL
23RD AVE	SOPHIA LN	SKANSEN ST	23RD	0300	684	37	25,308	R	AC		70	68	77	\$13,034	22,694	SLURRY SEAL
24TH AVE	STROUD AVE E	SOPHIA LN	24TH	0200	949	37	35,113	R	AC		64	62	72	\$18,084	21,662	SLURRY SEAL
AVENUE A	LINDQUIST ST WEST	NORTH END	AVE A	0100	1,285	37	47,545	R	AC		70	68	77	\$24,486	22,695	SLURRY SEAL
AVENUE C	MEADOW LN WEST	NORTH END	AVE C	0100	286	37	10,582	R	AC		70	68	77	\$5,450	22,695	SLURRY SEAL
HOWARD ST	22ND AVE	25TH AVE	HOWARD	0400	897	37	33,189	R	AC		70	68	77	\$17,093	22,681	SLURRY SEAL
KERN ST	DIANE AVE	MORGAN DR	KERN	0600	1,290	43	55,470	R	AC		70	68	77	\$28,568	22,695	SLURRY SEAL
LINDQUIST ST	WEST END	AVE E	LINDQUIST	0300	823	37	30,451	R	AC		63	61	71	\$15,683	21,500	SLURRY SEAL
RAFER JOHNSON DR	KERN ST	ORANGE ST	RAFERJOHN S	0100	1,432	37	52,984	R	AC		70	68	77	\$27,287	22,698	SLURRY SEAL
SANDELL ST	ASLAN WY	KLEPPER ST	SANDELL	0100	798	36	28,728	R	AC		70	68	77	\$14,795	22,695	SLURRY SEAL

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
WINDSOR DR	19TH AVE	20TH AVE	WINDSOR R	0300	464	37	17,168	R	AC		60	69	78	\$8,842	30,181	SLURRY SEAL
WINTER ST	21ST AVE	23RD AVE	WINTER	0400`	625	37	23,125	R	AC		71	69	78	\$11,910	22,788	SLURRY SEAL
											Treatment Total			\$258,663		
Year 2020 Area Total											1,334,569		Year 2020 Total		\$1,697,625	

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SIERRA CT	SIERRA ST	END N	SIERRACT	0100	336	36	12,096	R	AC		52	48	62	\$16,754	8,091	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$16,754		
10TH AVE	UNION ST	211' N/O VENTURA	10TH	0700	572	32	18,304	C	AC		55	47	100	\$84,148	12,549	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
BETHEL AVE SOUTH	STROUD AVE EAST	PARKWAY DR	BETHEL S	0550	872	34	29,648	C	AC		50	40	100	\$136,299	12,868	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
DRAPER ST	LINCOLN ST	SIERRA ST	DRAPER ST	0400	850	74	62,900	C	AC		56	47	100	\$289,166	12,505	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MEHLERT ST	945' E/O 6TH AVE DR	10TH AVE	MEHLERT	0200	447	42	18,774	C	AC		53	45	100	\$86,309	12,663	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
STROUD AVE E	SIMPSON ST	1000' E/O SIMPSON ST	STROUD E	0100	1,000	33	33,000	C	AC		52	44	100	\$151,709	12,722	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$747,631		
EARL ST	SIMPSON ST	MARION ST	EARL	0200	565	44	24,860	C	AC		73	67	100	\$49,818	23,655	1.5" MILL AND HMA OVERLAY
KAMM AVE	18TH AVE	350' W/O 23RD AVE	KAMM	0900	1,350	24	32,400	C	AC		74	68	100	\$64,928	23,307	1.5" MILL AND HMA OVERLAY
LEWIS ST	CALIFORNIA ST	SMITH ST	LEWIS	0150	842	62	52,204	C	AC		74	68	100	\$104,613	23,209	1.5" MILL AND HMA OVERLAY
LEWIS ST	SMITH ST	18TH AVE	LEWIS	0200	1,090	61	66,490	C	AC		75	69	100	\$133,241	22,720	1.5" MILL AND HMA OVERLAY
											Treatment Total			\$352,600		
12TH AVE	WINTER ST	WINDSOR DR	12TH	0400	394	37	14,578	R	AC		76	72	81	\$7,733	22,344	SLURRY SEAL+CRACK SEAL
14TH AVE	SILVERBROOKE ST	KAMM ST	14TH	0900	302	37	11,174	R	AC		77	73	82	\$5,928	22,323	SLURRY SEAL+CRACK SEAL
15TH AVE	WILSON WAY	STROUD AVE E	15TH	0200	498	37	18,426	R	AC		76	72	81	\$9,775	22,345	SLURRY SEAL+CRACK SEAL

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
17TH AVE	HEMMA ST	AZALEA ST	17TH	0400	469	37	17,353	R	AC		78	75	83	\$9,205	22,271	SLURRY SEAL+CRACK SEAL
19TH AVE	NELSON WAY	HOWARD ST	19TH	0500	1,147	37	42,439	R	AC		76	72	81	\$22,512	22,344	SLURRY SEAL+CRACK SEAL
20TH AVE	END S	STROUD AVE E	20TH	0400	551	37	20,387	R	AC		78	74	83	\$10,815	22,272	SLURRY SEAL+CRACK SEAL
21ST AVE	PLUMAS ST	SIERRA ST	21ST	0200	918	26	23,868	R	AC		77	73	82	\$12,661	22,329	SLURRY SEAL+CRACK SEAL
23RD AVE	SILVERBROOKE ST	KAMM AVE	23RD	0400	296	37	10,952	R	AC		77	73	82	\$5,810	22,323	SLURRY SEAL+CRACK SEAL
AVENUE E	FOREST ST WEST	SIERRA ST	AVE E	0200	313	27	8,451	R	AC		76	72	81	\$4,483	22,346	SLURRY SEAL+CRACK SEAL
AVENUE F	LAKE ST	MARIPOSA ST	AVE F	0100	259	37	9,583	R	AC		77	74	82	\$5,084	22,320	SLURRY SEAL+CRACK SEAL
AZALEA ST	17TH AVE	14TH AVE	AZALEA	0100	1,040	33	34,320	R	AC		78	75	83	\$18,206	22,271	SLURRY SEAL+CRACK SEAL
CARNATION ST	17TH AVE	18TH AVE	CARNATION	0100	227	26	5,902	R	AC		83	80	87	\$3,131	20,576	SLURRY SEAL+CRACK SEAL
CAROLYN ST	20TH AVE	21ST AVE	CAROLYN	0500	337	37	12,469	R	AC		76	72	81	\$6,615	22,340	SLURRY SEAL+CRACK SEAL
FOREST DR	EAST END	MORGAN DR	FOREST	0100	480	37	17,760	R	AC		76	72	81	\$9,421	22,346	SLURRY SEAL+CRACK SEAL
FOREST ST WEST	WEST END	AVE D	FOREST W	0100	933	37	34,521	R	AC		77	74	82	\$18,312	22,320	SLURRY SEAL+CRACK SEAL
FRONTAGE RD	18TH AVE	HWY 99 ON-RAMP	FRONTAGE	0100	1,308	40	52,320	A	AC		89	84	91	\$30,837	23,673	SLURRY SEAL+CRACK SEAL
HEMMA ST	17TH ST	14TH ST	HEMMA	0100	950	37	35,150	R	AC		76	72	81	\$18,646	22,341	SLURRY SEAL+CRACK SEAL
KERN ST	BETHEL SOUTH	DIANE AVE	KERN	0700	850	40	34,000	R	AC		76	72	81	\$18,036	22,346	SLURRY SEAL+CRACK SEAL
KLEPPER ST	12TH AVE	14TH AVE	KLEPPER	0100	623	36	22,428	R	AC		77	74	82	\$11,897	22,317	SLURRY SEAL+CRACK SEAL
LAKE ST	RAFER JOHNSON ST	CARDINAL ST	LAKE	0200	338	37	12,506	R	AC		77	74	82	\$6,634	22,314	SLURRY SEAL+CRACK SEAL
LEWIS ST	FRONTAGE RD	SIMPSON ST	LEWIS	0120	232	37	8,584	R	AC		78	75	83	\$4,554	22,265	SLURRY SEAL+CRACK SEAL
MEADOW LN	MORGAN DR	EAST END	MEADOW	0100	478	37	17,686	R	AC		76	72	81	\$9,382	22,346	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$249,677		
11TH CT	WARKENTIN	END N	11TH CT	0200	180	20	3,600	R	AC		26	19	100	\$19,945	8,907	2" HMA+4" AB
8TH AVE	KERN ST	MARIPOSA ST	8TH	0150	637	37	23,569	R	AC		27	20	100	\$130,579	8,907	2" HMA+4" AB
											Treatment Total			\$150,524		
11TH AVE	RAYSER ST	KERN ST	11TH	0100	674	37	24,938	R	AC		61	69	78	\$13,229	29,332	SLURRY SEAL
12TH AVE	AVE 392	MEHLERT ST	12TH	0100	1,297	37	47,989	R	AC		72	68	77	\$25,456	22,044	SLURRY SEAL

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
25TH AVE	HOWARD ST	SILVERBROOKE ST	25TH	0200	329	37	12,173	R	AC		72	68	77	\$6,458	22,044	SLURRY SEAL
CODY LN	10TH AVE	END E	CODY	0100	938	37	34,706	R	AC		72	68	77	\$18,410	22,044	SLURRY SEAL
KERN ST	240' E/O 10TH AVE	14TH AVE	KERN	0200	700	37	25,900	R	AC		73	69	78	\$13,739	22,175	SLURRY SEAL
KLEPPER ST	23RD AVE	MADSEN AVE	KLEPPER	0400	1,023	37	37,851	R	AC		72	68	78	\$20,079	22,045	SLURRY SEAL
MARIPOSA ST	18TH AVE	END E	MARIPOSA	0500	1,275	32	40,800	R	AC		62	69	79	\$21,643	29,932	SLURRY SEAL
MEADOW LN WEST	AVE D	BETHEL AVE SOUTH	MEADOW W	0200	963	37	35,631	R	AC		73	69	78	\$18,901	22,189	SLURRY SEAL
RAYSER ST	7TH AVE	9TH AVE	RAYSER	0100	524	36	18,864	R	AC		72	68	78	\$10,007	22,048	SLURRY SEAL
SILVERBROOKE CIR	S END	SILVERBROOKE ST	SILVERBCR	0100	132	33	4,356	R	AC		51	61	71	\$2,311	24,282	SLURRY SEAL
SKANSEN ST	21ST AVE	23RD AVE	SKANSEN	0100	626	37	23,162	R	AC		72	68	78	\$12,287	22,045	SLURRY SEAL
WINDSOR CT	WINTER ST	END N	WINDSORCT	0100	187	37	6,919	R	AC		73	69	78	\$3,671	22,184	SLURRY SEAL
WINTER ST	10TH AVE	12TH AVE	WINTER	0600	796	37	29,452	R	AC		73	69	78	\$15,623	22,184	SLURRY SEAL
											Treatment Total			\$181,814		
Year 2021 Area Total											1,185,443		Year 2021 Total		\$1,699,000	

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SIERRA CT	SIERRA ST	END N	SIERRACT	0100	336	36	12,096	R	AC		52	60	71	\$13,218	11,786	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$13,218		
18TH AVE	105' S/O KAMM AVE	160' N/O SOLIG ST	18TH	0800	910	38	34,580	A	AC		23	9	100	\$277,101	9,335	3" HMA+6" AB
											Treatment Total			\$277,101		
10TH AVE	135' N/O VINEYARD WAY	CITY LIMIT	10TH	1000	666	43	28,638	C	AC		60	49	100	\$135,606	12,060	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
BETHEL AVE SOUTH	CLARKSON AVE	1500' N/O CLARKSON AVE	BETHEL S	0600	1,500	25	37,500	C	AC		59	47	100	\$177,569	12,175	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$313,175		
10TH AVE	MEHLERT ST	ROOSEVELT ST	10TH	0300	960	47	45,120	C	AC		77	69	100	\$93,130	22,218	1.5" MILL AND HMA OVERLAY
10TH AVE	ROOSEVELT ST	MARIPOSA ST	10TH	0400	1,023	37	37,851	C	AC		76	68	100	\$78,126	22,710	1.5" MILL AND HMA OVERLAY
KAMM AVE	ACADEMY AVE	14TH AVE	KAMM	0600	1,206	42	50,652	C	AC		76	67	100	\$104,548	22,797	1.5" MILL AND HMA OVERLAY
STROUD AVE E	20TH AVE	22ND AVE	STROUD E	0700	810	37	29,970	C	AC		76	67	100	\$61,860	22,797	1.5" MILL AND HMA OVERLAY

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 05/07/2019
Scenario: S3: Improve PCI to 70

										Treatment Total		\$337,664			
14TH AVE	AZALEA ST	NORTH END	14TH	0600	507	33	16,731	R	AC	80	75	83	\$9,142	21,551	SLURRY SEAL+CRACK SEAL
19TH AVE	PLUMAS ST	SIERRA ST	19TH	0200	918	34	31,212	R	AC	79	74	82	\$17,054	21,631	SLURRY SEAL+CRACK SEAL
20TH AVE	NELSON WAY	KLEPPER ST	20TH	0600	516	37	19,092	R	AC	79	74	82	\$10,432	21,624	SLURRY SEAL+CRACK SEAL
22ND CT	SOLIG ST	END	22ND CT	0100	207	32	6,624	R	AC	86	81	88	\$3,620	19,363	SLURRY SEAL+CRACK SEAL
AVENUE B	MEADOW LN WEST	SIERRA ST	AVE B	0100	552	37	20,424	R	AC	81	76	84	\$11,159	21,378	SLURRY SEAL+CRACK SEAL
AVENUE F	SUNSET ST	MEADOW ST	AVE F	0300	250	37	9,250	R	AC	80	75	83	\$5,054	21,551	SLURRY SEAL+CRACK SEAL
CARDINAL LN	KERN ST	LAKE ST	CARDINAL	0100	488	37	18,056	R	AC	80	75	83	\$9,866	21,541	SLURRY SEAL+CRACK SEAL
DIANE AVE	KERN WEST	NEVADA WEST	DIANE	0100	651	37	24,087	R	AC	79	74	82	\$13,161	21,623	SLURRY SEAL+CRACK SEAL
KAMM AVE	830' E/O CULVERT	1734' E/O CULVERT	KAMM	0400	904	38	34,352	A	AC	93	84	91	\$20,855	22,045	SLURRY SEAL+CRACK SEAL
KERN ST	10TH AVE	240' E/O 10TH AVE	KERN	0100	240	67	16,080	R	AC	79	74	82	\$8,786	21,631	SLURRY SEAL+CRACK SEAL
KERN ST	CARDINAL LAN	MORGAN DR	KERN	0500	916	43	39,388	R	AC	79	74	82	\$21,521	21,623	SLURRY SEAL+CRACK SEAL
KLEPPER ST	18TH AVE	21ST AVE	KLEPPER	0300	952	37	35,224	R	AC	80	75	83	\$19,246	21,555	SLURRY SEAL+CRACK SEAL
LINDQUIST ST	RAFER JOHNSON DR	AVE A	LINDQUIST	0400	833	37	30,821	R	AC	78	73	82	\$16,840	21,723	SLURRY SEAL+CRACK SEAL
LINDQUIST ST	AVE D	AVE A	LINDQUIST W	0100	526	37	19,462	R	AC	79	74	82	\$10,634	21,623	SLURRY SEAL+CRACK SEAL
MARIPOSA ST	MORGAN DR	E END	MARIPOSA	0200	482	37	17,834	R	AC	78	73	82	\$9,744	21,723	SLURRY SEAL+CRACK SEAL
MEADOW LN WEST	AVE A	AVE D	MEADOW W	0100	870	37	32,190	R	AC	79	74	82	\$17,588	21,623	SLURRY SEAL+CRACK SEAL
MORGAN DR	LINDQUIST ST WEST	KERN ST	MORGAN	0100	1,159	37	42,883	R	AC	78	73	82	\$23,430	21,723	SLURRY SEAL+CRACK SEAL
ORANGE ST WEST	AVE D	BETHEL AVE SOUTH	ORANGE W	0100	996	37	36,852	R	AC	78	73	82	\$20,135	21,723	SLURRY SEAL+CRACK SEAL
										Treatment Total		\$248,267			
12TH AVE	SIERRA ST	UNION ST	12TH	0200	781	56	43,736	R	AC	20	8	100	\$249,578	8,647	2" HMA+4" AB
ELLIS ST	FRONTAGE RD	SIMPSON ST	ELLIS	0100	228	42	9,576	R	AC	17	5	100	\$54,646	8,647	2" HMA+4" AB
										Treatment Total		\$304,224			
12TH AVE	STROUD AVE	KLEPPER ST	12TH	0600	1,330	36	47,880	R	AC	62	68	77	\$26,160	28,429	SLURRY SEAL
17TH AVE	KLEPPER ST	HOWARD ST	17TH	0300	460	34	15,640	R	AC	65	69	79	\$8,546	21,561	SLURRY SEAL
20TH AVE	WINTER ST	WINDSOR DR	20TH	0300	306	38	11,628	R	AC	64	68	78	\$6,354	21,410	SLURRY SEAL
21ST AVE	KLEPPER ST	SKANSEN ST	21ST	0600	315	37	11,655	R	AC	63	69	78	\$6,368	28,757	SLURRY SEAL
22ND AVE	SKANSEN ST	HOWARD ST	22ND	0600	279	37	10,323	R	AC	62	68	77	\$5,641	28,411	SLURRY SEAL
24TH AVE	STROUD AVE E	SOPHIA LN	24TH	0200	949	37	35,113	R	AC	64	69	78	\$19,185	21,433	SLURRY SEAL

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
7TH AVE	MARIPOSA ST	PLUMAS ST	7TH	0200	893	37	33,041	R	AC		62	68	78	\$18,053	28,467	SLURRY SEAL
LINDQUIST ST	WEST END	AVE E	LINDQUIST	0300	823	37	30,451	R	AC		63	68	77	\$16,638	21,372	SLURRY SEAL
LINGONBERRY ST	MADSEN AVE	25TH AVE	LINGONBER R	0100	375	37	13,875	R	AC		74	69	78	\$7,581	21,431	SLURRY SEAL
NEVADA ST WEST	AVE D	BETHEL AVE SOUTH	NEVADA W	0100	1,227	37	45,399	R	AC		74	69	78	\$24,805	21,442	SLURRY SEAL
QUINCY ST	6TH AVENUE	END E	QUINCY	0100	570	36	20,520	R	AC		64	69	78	\$11,212	21,452	SLURRY SEAL
ROOSEVELT ST	12TH AVE	14TH AVE	ROOSEVELT	0200	606	36	21,816	R	AC		62	68	78	\$11,920	28,467	SLURRY SEAL
SOLIG ST	18TH AVE	17TH AVE	SOLIG	0200	295	37	10,915	R	AC		74	69	78	\$5,964	21,440	SLURRY SEAL
SUNSET ST WEST	WEST END	AVE D	SUNSET W	0100	933	37	34,521	R	AC		74	69	78	\$18,862	21,442	SLURRY SEAL
WILSON WAY	14TH AVE	15TH AVE	WILSON	0100	304	37	11,248	R	AC		74	69	78	\$6,146	21,437	SLURRY SEAL
WINTER ST	18TH AVE	19TH AVE	WINTER	0200	395	38	15,010	R	AC		74	69	78	\$8,201	21,437	SLURRY SEAL
Treatment Total												\$201,636				
10TH AVE	CODY LN	MEHLERT ST	10TH	0200	640	45	28,800	C	AC		62	86	87	\$30	1,775,355	SEAL CRACKS
10TH AVE	SIERRA ST	UNION ST	10TH	0600	808	55	44,440	C	AC		80	81	83	\$138	864,324	SEAL CRACKS
11TH CT	CODY LN	SKYLE AVE	11TH CT	0100	333	36	11,988	R	AC		68	72	75	\$59	668,309	SEAL CRACKS
14TH AVE	KLEPPER ST	HOWARD ST	14TH	0800	620	54	33,480	R	AC		66	70	73	\$175	642,404	SEAL CRACKS
16TH AVE	KLEPPER ST	HOWARD ST	16TH	0400	466	34	15,844	R	AC		69	73	75	\$75	688,513	SEAL CRACKS
16TH AVE	HEMMA ST	NORTH END	16TH	0500	196	33	6,468	R	AC		66	70	73	\$34	641,123	SEAL CRACKS
18TH AVE	EARL ST	SIERRA ST	18TH	0300	1,211	37	44,807	A	AC		62	86	87	\$46	2,550,889	SEAL CRACKS
18TH AVE	SIERRA ST	WINTER ST	18TH	0400	1,450	38	55,100	A	AC		79	80	81	\$188	1,107,831	SEAL CRACKS
AVENUE D	MEADOW LANE WEST	FOREST ST WEST	AVE D	0300	271	37	10,027	R	AC		67	71	74	\$51	664,145	SEAL CRACKS
AVENUE F	MEADOW ST WEST	NORTH END	AVE F	0400	509	37	18,833	R	AC		68	72	75	\$93	670,352	SEAL CRACKS
BETHEL AVE SOUTH	MEADOW LN WEST	SIERRA AVE WEST	BETHEL S	0300	631	43	27,133	C	AC		70	86	87	\$28	1,775,355	SEAL CRACKS
BETHEL AVE SOUTH	1,500' N/O CLARKSON AVE	MAGNOLIA ST	BETHEL S	0700	1,133	25	28,325	C	AC		70	86	87	\$30	1,775,355	SEAL CRACKS
CAROLYN ST	23RD AVE	22ND AVE	CAROLYN	0200	286	37	10,582	R	AC		67	71	74	\$54	661,461	SEAL CRACKS
DRAPER ST	SIMPSON ST	MARION ST	DRAPER ST	0200	576	75	43,200	C	AC		67	86	87	\$45	1,775,355	SEAL CRACKS
DRAPER ST	MARION ST	LINCOLN ST	DRAPER ST	0300	840	74	62,160	C	AC		65	86	87	\$65	1,775,355	SEAL CRACKS
ELLIS ST	MARION ST	SIERRA ST	ELLIS	0300	1,063	62	65,906	C	AC		70	86	87	\$68	1,775,355	SEAL CRACKS
GILROY ST	MARION ST	18TH AVE	GILROY	0100	537	54	28,998	R	AC		68	72	75	\$142	671,201	SEAL CRACKS
HAROLD ST	WEST END	ACADEMY AVE	HAROLD	0200	679	31	21,049	R	AC		69	73	75	\$100	688,513	SEAL CRACKS
HOWARD ST	19TH AVE	22ND AVE	HOWARD	0300	973	28	27,244	R	AC		69	73	75	\$130	688,181	SEAL CRACKS
KAMM AVE	BETHEL AVE	1500' E/O BETHEL AVE	KAMM	0100	1,500	24	36,000	A	AC		82	82	83	\$107	1,112,216	SEAL CRACKS
KAMM AVE	1500' E/O BETHEL AVE	CULVERT	KAMM	0200	1,395	24	33,480	A	AC		75	76	78	\$138	1,061,846	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KAMM AVE	CULVERT	830' E/O CULVERT	KAMM	0300	830	24	19,920	A	AC		75	76	78	\$82	1,061,846	SEAL CRACKS
KAMM AVE	23RD AVE	MADSEN AVE	KAMM	1100	984	61	60,024	C	AC		81	82	83	\$179	883,839	SEAL CRACKS
MADSEN AVE	KLEPPER ST	KAMM AVE	MADSEN	0400	1,350	30	40,500	C	AC		68	86	87	\$42	1,775,355	SEAL CRACKS
MADSEN AVE	KAMM AVE	364' N/O AZALEA ST	MADSEN	0500	1,310	44	57,640	C	AC		69	86	87	\$60	1,775,355	SEAL CRACKS
MADSEN AVE	364' N/O AZALEA ST	CARUTHERS AVE E	MADSEN	0600	1,357	21	28,497	C	AC		60	86	87	\$30	1,775,355	SEAL CRACKS
MAGNOLIA ST	BETHEL AVE SOUTH	NELSON ST	MAGNOLIA S	0100	1,315	20	26,300	C	AC		61	86	87	\$28	1,775,355	SEAL CRACKS
MARIPOSA ST	RAFER JOHNSON DR	6TH AVE	MARIPOSA	0300	1,284	37	47,508	R	AC		67	71	74	\$240	663,199	SEAL CRACKS
MENDOCINO AVE	CARNATION ST	CARUTHERS AVE	MENDOCINO	0200	1,300	33	42,900	A	AC		79	80	81	\$147	1,107,831	SEAL CRACKS
SILVERBROOKE ST	ACADEMY AVE	14TH AVE	SILVERBRKE	0050	1,152	36	41,472	R	AC		67	71	74	\$210	661,565	SEAL CRACKS
SIMPSON ST	S END	SIERRA ST	SIMPSON	0100	4,054	41	166,214	A	AC		77	78	80	\$614	1,097,077	SEAL CRACKS
SKANSEN ST	23RD AVE	END E	SKANSEN	0200	770	37	28,490	R	AC		69	73	75	\$135	688,372	SEAL CRACKS
SKYLE AVE	10TH AVE	11TH CT	SKYLE	0100	465	36	16,740	R	AC		67	71	74	\$85	660,214	SEAL CRACKS
SMITH ST	DRAPER ST	ELLIS ST	SMITH	0300	431	72	31,032	R	AC		66	71	73	\$161	646,942	SEAL CRACKS
STROUD AVE E	1000' E/O SIMPSON ST	670' W/O 10TH AVE	STROUD E	0200	1,187	33	39,171	C	AC		68	86	87	\$41	1,775,355	SEAL CRACKS
STROUD AVE E	14TH AVE	18TH AVE	STROUD E	0500	1,287	34	43,758	C	AC		70	86	87	\$46	1,775,355	SEAL CRACKS
STROUD AVE E	18TH AVE	20TH AVE	STROUD E	0600	860	37	31,820	C	AC		70	86	87	\$33	1,775,355	SEAL CRACKS
WINDSOR DR	14TH AVE	17TH AVE	WINDSOR DR	0200	943	37	34,891	R	AC		69	73	75	\$166	688,372	SEAL CRACKS
WINTER ST	14TH AVE	END E	WINTER	0100	1,073	34	36,482	R	AC		67	71	74	\$185	661,461	SEAL CRACKS
WINTER ST	19TH AVE	21ST AVE	WINTER	0300	800	37	29,600	R	AC		69	73	75	\$141	688,372	SEAL CRACKS
WINTER ST	24TH AVE	MADSEN AVE	WINTER	0500	430	36	15,480	R	AC		69	73	75	\$74	688,085	SEAL CRACKS
											Treatment Total		\$4,495			
Year 2022 Area Total											2,641,619		Year 2022 Total		\$1,699,780	

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
CARDINAL LN	MEADOW LN	FOREST DR	CARDINAL	0200	242	37	8,954	R	AC		56	48	62	\$13,158	7,709	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total		\$13,158			
18TH AVE	KERN ST	EARL ST	18TH	0250	1,309	40	52,360	A	AC		39	23	100	\$432,166	9,063	3" HMA+6" AB
18TH AVE	KLEPPER ST	320' N/O KLEPPER ST	18TH	0700	320	60	19,200	A	AC		40	24	100	\$158,472	9,063	3" HMA+6" AB

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

										Treatment Total		\$590,638			
12TH AVE	KLEPPER ST	SILVERBROOKE ST	12TH	0500	970	36	34,920	R	AC	81	74	83	\$19,652	20,994	SLURRY SEAL+CRACK SEAL
17TH AVE	AZALEA ST	CARNATION ST	17TH	0500	499	33	16,467	R	AC	83	76	85	\$9,267	20,674	SLURRY SEAL+CRACK SEAL
6TH AVE	KERN ST	NEVADA ST	6TH	0400	999	37	36,963	C	AC	94	86	92	\$21,957	20,765	SLURRY SEAL+CRACK SEAL
6TH AVE	NEVADA ST	QUINCY ST	6TH	0500	970	37	35,890	C	AC	94	86	92	\$21,320	20,765	SLURRY SEAL+CRACK SEAL
6TH AVE	QUINCY ST	SIERRA ST	6TH	0600	774	37	28,638	C	AC	94	86	92	\$17,012	20,765	SLURRY SEAL+CRACK SEAL
AVENUE E	AVE D	LINDQUIST ST WEST	AVE E	0100	480	37	17,760	R	AC	83	76	85	\$9,995	20,667	SLURRY SEAL+CRACK SEAL
AVENUE F	NEVADA ST	LINDQUIST ST	AVE F	0200	299	37	11,063	R	AC	81	74	83	\$6,226	20,994	SLURRY SEAL+CRACK SEAL
BELLFLOWER ST	16TH AVE	15TH AVE	BELLFLO	0100	270	33	8,910	R	AC	83	76	85	\$5,015	20,674	SLURRY SEAL+CRACK SEAL
HOWARD ST	12TH AVE	14TH AVE	HOWARD	0200	606	37	22,422	R	AC	83	76	85	\$12,619	20,674	SLURRY SEAL+CRACK SEAL
KAMM AVE	1734' E/O CULVERT	ACADEMY AVE	KAMM	0500	1,060	57	60,420	C	AC	94	86	92	\$35,891	20,852	SLURRY SEAL+CRACK SEAL
LAKE ST WEST	END WEST	DIANE AVE	LAKE W	0100	802	37	29,674	R	AC	83	76	85	\$16,700	20,674	SLURRY SEAL+CRACK SEAL
NEVADA ST WEST	MORGAN DR	EAST END	NEVADA	0100	483	37	17,871	R	AC	81	74	83	\$10,057	20,994	SLURRY SEAL+CRACK SEAL
ORANGE ST WEST	WEST END	AVE A	ORANGE W	0200	490	37	18,130	R	AC	82	75	84	\$10,203	20,846	SLURRY SEAL+CRACK SEAL
SUNSET ST	MORGAN ST	EAST END	SUNSET ST	0100	480	36	17,280	R	AC	83	76	85	\$9,725	20,674	SLURRY SEAL+CRACK SEAL
SUNSET ST WEST	WEST END	AVE A	SUNSET W	0200	647	37	23,939	R	AC	82	75	84	\$13,472	20,846	SLURRY SEAL+CRACK SEAL
VENTURA ST	AVE B	EAST END	VENTURA	0300	1,093	45	49,185	R	AC	83	76	85	\$27,680	20,674	SLURRY SEAL+CRACK SEAL
										Treatment Total		\$246,791			
12TH AVE	UNION ST	WINTER ST	12TH	0300	645	56	36,120	R	AC	34	21	100	\$212,301	8,395	2" HMA+4" AB
14TH AVE	STROUD AVE	KLEPPER ST	14TH	0700	1,333	45	59,985	R	AC	33	20	100	\$352,572	8,395	2" HMA+4" AB
15TH AVE	STROUD AVE	KLEPPER ST	15TH	0500	1,300	36	46,800	R	AC	36	24	100	\$275,075	8,395	2" HMA+4" AB
										Treatment Total		\$839,948			
SILVERBROOKE CIR	S END	SILVERBROOKE ST	SILVERBCR	0100	132	33	4,356	R	AC	51	68	78	\$2,452	25,544	SLURRY SEAL
										Treatment Total		\$2,452			
10TH AVE	COUNTY LINE	CODY LN	10TH	0100	965	36	34,740	C	AC	71	86	87	\$37	1,723,645	SEAL CRACKS
10TH AVE	MARIPOSA ST	PAVEMENT CHANGE	10TH	0500	860	36	30,960	C	AC	79	78	80	\$121	766,407	SEAL CRACKS
10TH AVE	STROUD AVE	135' N/O VINEYARD WAY	10TH	0900	393	48	18,864	C	AC	50	86	87	\$21	1,723,645	SEAL CRACKS
14TH AVE	14TH ST	RAYSER ST	14TH	0100	860	36	30,960	R	AC	70	72	75	\$155	654,907	SEAL CRACKS

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
14TH AVE	RAYSER ST	MEHLERT ST	14TH	0200	607	36	21,852	R	AC		71	73	76	\$106	669,693	SEAL CRACKS
14TH AVE	HEMMA ST	AZALEA ST	14TH	0500	452	33	14,916	R	AC		71	73	76	\$72	670,138	SEAL CRACKS
15TH AVE	KAMM ST	HEMMA ST	15TH	0300	284	37	10,508	R	AC		70	72	75	\$53	656,638	SEAL CRACKS
15TH CT	HEMMA ST	NORTH END	15TH C	0100	198	33	6,534	R	AC		74	76	78	\$29	705,692	SEAL CRACKS
18TH AVE	WINTER ST	STROUD AVE	18TH	0500	1,140	38	43,320	A	AC		72	86	87	\$46	2,476,591	SEAL CRACKS
18TH AVE	STROUD AVE	KLEPPER ST	18TH	0600	1,285	60	77,100	A	AC		49	86	87	\$81	2,476,591	SEAL CRACKS
19TH AVE	MARIPOSA ST	PLUMAS ST	19TH	0100	1,058	34	35,972	R	AC		74	76	78	\$155	705,224	SEAL CRACKS
19TH AVE	WINTER ST	STROUD AVE E	19TH	0300	1,153	37	42,661	R	AC		70	72	75	\$214	656,104	SEAL CRACKS
19TH AVE	STROUD AVE E	END N	19TH	0400	586	37	21,682	R	AC		60	75	77	\$98	950,421	SEAL CRACKS
23RD AVE	SOPHIA LN	SKANSEN ST	23RD	0300	684	37	25,308	R	AC		70	72	75	\$127	656,104	SEAL CRACKS
AVE 396	18TH AVE	CITY LIMIT	396	0100	155	41	6,355	A	AC		45	86	87	\$7	2,476,591	SEAL CRACKS
ASLAN WAY	14TH AVE	12TH AVE	ASLAN	0100	615	36	22,140	R	AC		75	77	79	\$91	711,996	SEAL CRACKS
AVENUE A	LINDQUIST ST WEST	NORTH END	AVE A	0100	1,285	37	47,545	R	AC		70	72	75	\$238	656,638	SEAL CRACKS
AVENUE C	MEADOW LN WEST	NORTH END	AVE C	0100	286	37	10,582	R	AC		70	72	75	\$53	656,638	SEAL CRACKS
BETHEL AVE SOUTH	KERN WEST	NEVADA ST WEST	BETHEL S	0100	835	48	40,080	C	AC		71	86	87	\$43	1,723,645	SEAL CRACKS
BETHEL AVE SOUTH	NEVADA ST WEST	MEADOWS LN WEST	BETHEL S	0200	1,125	48	54,000	C	AC		78	77	79	\$225	734,720	SEAL CRACKS
EARL ST	MARION ST	18TH AVE	EARL	0300	1,024	44	45,056	C	AC		84	83	84	\$128	859,507	SEAL CRACKS
FRONTAGE RD	HWY 99 ON-RAMP	10TH ST	FRONTAGE	0200	1,317	40	52,680	A	AC		71	86	87	\$55	2,476,591	SEAL CRACKS
HOWARD ST	22ND AVE	25TH AVE	HOWARD	0400	897	37	33,189	R	AC		70	72	75	\$167	654,740	SEAL CRACKS
KAMM AVE	14TH ST	15TH ST	KAMM	0700	626	61	38,186	C	AC		84	83	84	\$110	859,130	SEAL CRACKS
KAMM AVE	15TH AVE	18TH AVE	KAMM	0800	750	61	45,750	C	AC		80	79	81	\$170	782,517	SEAL CRACKS
KAMM AVE	350' W/O 23RD AVE	23RD AVE	KAMM	1000	350	42	14,700	C	AC		78	77	79	\$61	735,288	SEAL CRACKS
KERN ST	DIANE AVE	MORGAN DR	KERN	0600	1,290	43	55,470	R	AC		70	72	75	\$277	656,638	SEAL CRACKS
MENDOCINO AVE	KAMM ST	CARNATION ST	MENDOCINO	0100	1,250	67	83,750	A	AC		69	86	87	\$88	2,476,591	SEAL CRACKS
MORGAN DR	ORANGE ST	SIERRA AVE WEST	MORGAN	0200	1,159	37	42,883	R	AC		75	77	79	\$176	711,996	SEAL CRACKS
RAFER JOHNSON DR	KERN ST	ORANGE ST	RAFERJOHN S	0100	1,432	37	52,984	R	AC		70	72	75	\$264	657,841	SEAL CRACKS
SANDELL ST	ASLAN WY	KLEPPER ST	SANDELL	0100	798	36	28,728	R	AC		70	72	75	\$144	656,638	SEAL CRACKS
SANDELL ST	KLEPPER ST	HOWARD ST	SANDELL	0200	630	36	22,680	R	AC		75	77	79	\$93	711,996	SEAL CRACKS
SILVERBROOKE ST	W END	25TH AVE	SILVERBRKE	0100	924	37	34,188	R	AC		75	77	79	\$141	711,757	SEAL CRACKS
STROUD AVE E	10TH AVE	14TH AVE	STROUD E	0400	1,284	37	47,508	C	AC		80	79	81	\$174	790,300	SEAL CRACKS
WINDSOR DR	10TH ST	12TH ST	WINDSOR DR	0100	825	37	30,525	R	AC		75	77	79	\$126	711,891	SEAL CRACKS
WINDSOR DR	19TH AVE	20TH AVE	WINDSOR DR	0300	464	37	17,168	R	AC		60	75	77	\$78	952,183	SEAL CRACKS

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
WINTER ST	21ST AVE	23RD AVE	WINTER	0400'	625	37	23,125	R	AC		71	73	76	\$112	670,000	SEAL CRACKS
											Treatment Total			\$4,336		
Year 2024 Area Total											1,921,956		Year 2024 Total		\$1,697,323	

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BERGREN CT	19TH AVE	END E	BERGREN	0100	356	37	13,172	R	AC		59	49	63	\$19,936	7,666	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
PLUMAS ST	22ND AVE	END E	PLUMAS	0200	458	36	16,488	R	AC		58	48	62	\$24,955	7,530	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
SIERRA CT	SIERRA ST	END N	SIERRACT	0100	336	36	12,096	R	AC		52	68	77	\$14,023	12,466	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$58,914		
10TH AVE	211' N/O VENTURA ST	CITY LIMIT	10TH	0800	411	36	14,796	C	AC		94	84	91	\$9,053	21,144	SLURRY SEAL+CRACK SEAL
11TH AVE	SKANSEN ST	HOWARD ST	11TH	0200	304	37	11,248	R	AC		86	78	86	\$6,520	19,713	SLURRY SEAL+CRACK SEAL
15TH AVE	AZALEA ST	BELLFLOWER ST	15TH	0100	325	33	10,725	R	AC		86	78	86	\$6,217	19,731	SLURRY SEAL+CRACK SEAL
16TH AVE	AZALEA ST	BELLFLOWER ST	16TH	0600	335	33	11,055	R	AC		88	79	87	\$6,408	19,044	SLURRY SEAL+CRACK SEAL
21ST AVE	ERLING WAY	SOPHIA LN	21ST	0400	606	37	22,422	R	AC		88	79	87	\$12,997	19,054	SLURRY SEAL+CRACK SEAL
22ND AVE	STROUD AVE E	ERLING WAY	22ND	0400	311	37	11,507	R	AC		88	79	87	\$6,670	19,044	SLURRY SEAL+CRACK SEAL
23RD AVE	SOLIG ST	AZALEA ST	23RD	0500	290	32	9,280	R	AC		86	78	86	\$5,380	19,713	SLURRY SEAL+CRACK SEAL
23RD CT	END	SOLIG ST	23RD CT	0100	205	32	6,560	R	AC		86	78	86	\$3,803	19,713	SLURRY SEAL+CRACK SEAL
24TH CT	END	SOLIG ST	24TH CT	0100	206	32	6,592	R	AC		86	78	86	\$3,821	19,713	SLURRY SEAL+CRACK SEAL
25TH AVE	HEMMA ST	AZALEA ST	25TH	0300	585	32	18,720	R	AC		86	78	86	\$10,851	19,713	SLURRY SEAL+CRACK SEAL
AVENUE B	SIERRA ST	VENTURA ST	AVE B	0200	1,067	45	48,015	R	AC		88	79	87	\$27,832	19,009	SLURRY SEAL+CRACK SEAL
AVENUE D	NEVADA ST WEST	LINDQUIST ST	AVE D	0100	574	37	21,238	R	AC		86	78	86	\$12,311	19,712	SLURRY SEAL+CRACK SEAL
AZALEA ST	MADSEN ST	23RD ST	AZALEA	0200	964	32	30,848	R	AC		86	78	86	\$17,881	19,713	SLURRY SEAL+CRACK SEAL
HEMMA ST	MADSEN ST	25TH AVE	HEMMA	0200	165	32	5,280	R	AC		88	79	87	\$3,061	19,009	SLURRY SEAL+CRACK SEAL
HOWARD ST	10TH AVE	11TH AVE	HOWARD	0100	320	37	11,840	R	AC		84	76	84	\$6,863	20,167	SLURRY SEAL+CRACK SEAL

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
LAKE ST	MORGAN DR	E END	LAKE	0100	489	37	18,093	R	AC		86	78	86	\$10,488	19,713	SLURRY SEAL+CRACK SEAL
LAUREL ST	W END	SIMPSON ST	LAUREL	0100	291	31	9,021	R	AC		84	76	84	\$5,229	20,148	SLURRY SEAL+CRACK SEAL
MARIPOSA ST	END WEST	DIANE AVE	MARIPOSA	0100	826	37	30,562	R	AC		86	78	86	\$17,715	19,713	SLURRY SEAL+CRACK SEAL
MORGAN DR	SIERRA ST WEST	VENTURA ST	MORGAN	0300	1,060	45	47,700	R	AC		85	77	85	\$27,649	19,980	SLURRY SEAL+CRACK SEAL
ORANGE ST	AVE A	RAFER JOHNSON ST	ORANGE	0200	810	37	29,970	R	AC		86	78	86	\$17,372	19,713	SLURRY SEAL+CRACK SEAL
SKANSEN ST	11TH AVE	10TH AVE	SKANSEN	0300	318	37	11,766	R	AC		87	79	86	\$6,821	19,388	SLURRY SEAL+CRACK SEAL
SOLIG ST	WEST END	25TH ST	SOLIG	0100	1,125	32	36,000	R	AC		86	78	86	\$20,867	19,716	SLURRY SEAL+CRACK SEAL
SOPHIA LN	21ST AVE	22ND AVE	SOPHIA	0100	490	37	18,130	R	AC		87	79	86	\$10,509	19,398	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$256,318			
16TH AVE	SIERRA ST	WINTER ST	16TH	0100	1,442	53	76,426	R	AC		26	8	100	\$462,683	8,151	2" HMA+4" AB
23RD AVE	WINTER ST	CAROLYN ST	23RD	0200	773	36	27,828	R	AC		33	17	100	\$168,471	8,151	2" HMA+4" AB
24TH AVE	WINTER ST	CAROLYN ST	24TH	0100	773	37	28,601	R	AC		39	24	100	\$173,151	8,151	2" HMA+4" AB
25TH AVE	WINTER ST	CAROLYN ST	25TH	0100	781	37	28,897	R	AC		37	22	100	\$174,943	8,151	2" HMA+4" AB
7TH AVE	MEHLERT ST	ROOSEVELT ST	7TH	0100	924	37	34,188	R	AC		28	11	100	\$206,974	8,151	2" HMA+4" AB
BIRCH CT	W END	MADSEN AVE	BIRCH	0100	245	37	9,065	R	AC		38	23	100	\$54,880	8,151	2" HMA+4" AB
CAROLYN ST	24TH AVE	MADSEN AVE	CAROLYN	0100	437	37	16,169	R	AC		33	17	100	\$97,887	8,151	2" HMA+4" AB
MISSION ST	FRONTAGE RD	SIMPSON ST	MISSION	0100	170	33	5,610	R	AC		25	7	100	\$33,963	8,151	2" HMA+4" AB
											Treatment Total		\$1,372,952			
CARDINAL LN	MEADOW LN	FOREST DR	CARDINAL	0200	242	37	8,954	R	AC		56	60	71	\$5,191	22,734	SLURRY SEAL
											Treatment Total		\$5,191			
10TH AVE	UNION ST	211' N/O VENTURA	10TH	0700	572	32	18,304	C	AC		55	86	87	\$21	1,673,442	SEAL CRACKS
11TH AVE	RAYSER ST	KERN ST	11TH	0100	674	37	24,938	R	AC		61	75	77	\$118	923,488	SEAL CRACKS
11TH CT	WARKENTIN	END N	11TH CT	0200	180	20	3,600	R	AC		26	88	88	\$8	595,246	SEAL CRACKS
12TH AVE	AVE 392	MEHLERT ST	12TH	0100	1,297	37	47,989	R	AC		72	73	75	\$245	642,689	SEAL CRACKS
12TH AVE	WINTER ST	WINDSOR DR	12TH	0400	394	37	14,578	R	AC		76	76	79	\$64	688,985	SEAL CRACKS
14TH AVE	SILVERBROOKE ST	KAMM ST	14TH	0900	302	37	11,174	R	AC		77	77	79	\$47	693,570	SEAL CRACKS
15TH AVE	WILSON WAY	STROUD AVE E	15TH	0200	498	37	18,426	R	AC		76	76	79	\$80	689,031	SEAL CRACKS
17TH AVE	HEMMA ST	AZALEA ST	17TH	0400	469	37	17,353	R	AC		78	78	80	\$69	703,857	SEAL CRACKS
19TH AVE	NELSON WAY	HOWARD ST	19TH	0500	1,147	37	42,439	R	AC		76	76	79	\$184	688,985	SEAL CRACKS
20TH AVE	END S	STROUD AVE E	20TH	0400	551	37	20,387	R	AC		78	78	80	\$81	703,664	SEAL CRACKS

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
21ST AVE	PLUMAS ST	SIERRA ST	21ST	0200	918	26	23,868	R	AC		77	77	79	\$100	692,551	SEAL CRACKS
23RD AVE	SILVERBROOKE ST	KAMM AVE	23RD	0400	296	37	10,952	R	AC		77	77	79	\$46	693,476	SEAL CRACKS
25TH AVE	HOWARD ST	SILVERBROOKE ST	25TH	0200	329	37	12,173	R	AC		72	73	75	\$62	643,115	SEAL CRACKS
8TH AVE	KERN ST	MARIPOSA ST	8TH	0150	637	37	23,569	R	AC		27	88	88	\$47	595,246	SEAL CRACKS
AVENUE E	FOREST ST WEST	SIERRA ST	AVE E	0200	313	27	8,451	R	AC		76	76	79	\$37	689,084	SEAL CRACKS
AVENUE F	LAKE ST	MARIPOSA ST	AVE F	0100	259	37	9,583	R	AC		77	77	79	\$40	693,975	SEAL CRACKS
AZALEA ST	17TH AVE	14TH AVE	AZALEA	0100	1,040	33	34,320	R	AC		78	78	80	\$136	703,857	SEAL CRACKS
BETHEL AVE SOUTH	STROUD AVE EAST	PARKWAY DR	BETHEL S	0550	872	34	29,648	C	AC		50	86	87	\$33	1,673,442	SEAL CRACKS
CARNATION ST	17TH AVE	18TH AVE	CARNATION	0100	227	26	5,902	R	AC		83	82	84	\$18	711,447	SEAL CRACKS
CAROLYN ST	20TH AVE	21ST AVE	CAROLYN	0500	337	37	12,469	R	AC		76	76	78	\$55	688,794	SEAL CRACKS
CODY LN	10TH AVE	END E	CODY	0100	938	37	34,706	R	AC		72	73	75	\$177	642,689	SEAL CRACKS
DRAPER ST	LINCOLN ST	SIERRA ST	DRAPER ST	0400	850	74	62,900	C	AC		56	86	87	\$69	1,673,442	SEAL CRACKS
EARL ST	SIMPSON ST	MARION ST	EARL	0200	565	44	24,860	C	AC		73	86	87	\$28	1,673,442	SEAL CRACKS
FOREST DR	EAST END	MORGAN DR	FOREST	0100	480	37	17,760	R	AC		76	76	79	\$77	689,084	SEAL CRACKS
FOREST ST WEST	WEST END	AVE D	FOREST W	0100	933	37	34,521	R	AC		77	77	79	\$143	693,975	SEAL CRACKS
FRONTAGE RD	18TH AVE	HWY 99 ON-RAMP	FRONTAGE	0100	1,308	40	52,320	A	AC		89	83	85	\$148	1,045,034	SEAL CRACKS
HEMMA ST	17TH ST	14TH ST	HEMMA	0100	950	37	35,150	R	AC		76	76	78	\$153	688,858	SEAL CRACKS
KAMM AVE	18TH AVE	350' W/O 23RD AVE	KAMM	0900	1,350	24	32,400	C	AC		74	86	87	\$36	1,673,442	SEAL CRACKS
KERN ST	240' E/O 10TH AVE	14TH AVE	KERN	0200	700	37	25,900	R	AC		73	74	76	\$128	652,065	SEAL CRACKS
KERN ST	BETHEL SOUTH	DIANE AVE	KERN	0700	850	40	34,000	R	AC		76	76	79	\$148	689,084	SEAL CRACKS
KLEPPER ST	12TH AVE	14TH AVE	KLEPPER	0100	623	36	22,428	R	AC		77	77	79	\$93	694,508	SEAL CRACKS
KLEPPER ST	23RD AVE	MADSEN AVE	KLEPPER	0400	1,023	37	37,851	R	AC		72	73	75	\$193	643,834	SEAL CRACKS
LAKE ST	RAFER JOHNSON ST	CARDINAL ST	LAKE	0200	338	37	12,506	R	AC		77	77	79	\$52	695,103	SEAL CRACKS
LEWIS ST	FRONTAGE RD	SIMPSON ST	LEWIS	0120	232	37	8,584	R	AC		78	78	80	\$34	703,984	SEAL CRACKS
LEWIS ST	CALIFORNIA ST	SMITH ST	LEWIS	0150	842	62	52,204	C	AC		74	86	87	\$58	1,673,442	SEAL CRACKS
LEWIS ST	SMITH ST	18TH AVE	LEWIS	0200	1,090	61	66,490	C	AC		75	86	87	\$73	1,673,442	SEAL CRACKS
MARIPOSA ST	18TH AVE	END E	MARIPOSA	0500	1,275	32	40,800	R	AC		62	75	78	\$186	955,270	SEAL CRACKS
MEADOW LN	MORGAN DR	EAST END	MEADOW	0100	478	37	17,686	R	AC		76	76	79	\$77	689,084	SEAL CRACKS
MEADOW LN WEST	AVE D	BETHEL AVE SOUTH	MEADOW W	0200	963	37	35,631	R	AC		73	74	76	\$175	652,507	SEAL CRACKS
MEHLERT ST	945' E/O 6TH AVE DR	10TH AVE	MEHLERT	0200	447	42	18,774	C	AC		53	86	87	\$21	1,673,442	SEAL CRACKS
RAYSER ST	7TH AVE	9TH AVE	RAYSER	0100	524	36	18,864	R	AC		72	73	75	\$96	645,541	SEAL CRACKS
SKANSEN ST	21ST AVE	23RD AVE	SKANSEN	0100	626	37	23,162	R	AC		72	73	75	\$118	643,834	SEAL CRACKS

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
STROUD AVE E	SIMPSON ST	1000' E/O SIMPSON ST	STROUD E	0100	1,000	33	33,000	C	AC		52	86	87	\$37	1,673,442	SEAL CRACKS
WINDSOR CT	WINTER ST	END N	WINDSORCT	0100	187	37	6,919	R	AC		73	74	76	\$34	652,362	SEAL CRACKS
WINTER ST	10TH AVE	12TH AVE	WINTER	0600	796	37	29,452	R	AC		73	74	76	\$145	652,362	SEAL CRACKS
											Treatment Total			\$3,990		
Year 2024 Area Total											1,887,853		Year 2024 Total		\$1,697,365	

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
14TH AVE	VENTURA AVE	STROUD AVE E	14TH	0400	1,499	45	67,455	R	AC		90	79	87	\$40,273	18,486	SLURRY SEAL+CRACK SEAL
20TH AVE	STROUD AVE EAST	NORTH END	20TH	0500	711	37	26,307	R	AC		90	79	87	\$15,706	18,505	SLURRY SEAL+CRACK SEAL
21ST AVE	SOPHIA LN	KLEPPER ST	21ST	0500	308	37	11,396	R	AC		90	79	87	\$6,804	18,486	SLURRY SEAL+CRACK SEAL
BRATTON CT	AVE B	EAST END	BRATTON C	0100	943	45	42,435	R	AC		88	78	86	\$25,335	19,079	SLURRY SEAL+CRACK SEAL
CALIFORNIA ST	EARL ST	DRAPER ST	CALIFORNIA	0100	1,011	49	49,539	R	AC		90	79	87	\$29,577	18,443	SLURRY SEAL+CRACK SEAL
CALIFORNIA ST	DRAPER ST	ELLIS ST	CALIFORNIA	0200	621	40	24,840	R	AC		90	79	87	\$14,831	18,443	SLURRY SEAL+CRACK SEAL
CRUM CT	MORGAN DR	EAST END	CRUM CT	0100	349	45	15,705	R	AC		88	78	86	\$9,377	19,079	SLURRY SEAL+CRACK SEAL
ERLING WAY	20TH AVE	22ND AVE	ERLING	0100	498	37	18,426	R	AC		90	79	87	\$11,001	18,505	SLURRY SEAL+CRACK SEAL
LINDQUIST ST	18TH AVE	21ST AVE	LINDQUIST	0100	1,140	28	31,920	R	AC		89	79	86	\$19,058	18,821	SLURRY SEAL+CRACK SEAL
LUNGREN CT	VENTURA ST	NORTH END	LUNGREN	0100	225	45	10,125	R	AC		90	79	87	\$6,045	18,472	SLURRY SEAL+CRACK SEAL
MEADOW LN	SUNSET ST	6TH AVE	MEADOW	0300	772	37	28,564	R	AC		89	79	87	\$17,054	18,769	SLURRY SEAL+CRACK SEAL
RIVERSIDE ST	18TH AVE	21ST AVE	RIVERSIDE	0100	1,140	28	31,920	R	AC		91	80	88	\$19,058	18,163	SLURRY SEAL+CRACK SEAL
SUNSET ST	RAFER JOHNSON DR	6TH AVE	SUNSET ST	0200	1,280	37	47,360	R	AC		89	79	87	\$28,276	18,769	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$242,395		
15TH AVE	KLEPPER ST	HOWARD ST	15TH	0600	459	36	16,524	R	AC		40	23	100	\$103,038	7,914	2" HMA+4" AB
CHURCH ST	LEWIS ST	DRAPER ST	CHURCH	0100	446	60	26,760	R	AC		15	0	100	\$166,865	7,914	2" HMA+4" AB
FOREST DR	RAFER JOHNSON DR	CARDINAL ST	FOREST	0200	402	37	14,874	R	AC		41	24	100	\$92,749	7,914	2" HMA+4" AB
KERN ST	CARDINAL LN	6TH AVE	KERN	0400	946	31	29,326	R	AC		29	8	100	\$182,866	7,914	2" HMA+4" AB
KLEPPER ST	14TH AVE	18TH AVE	KLEPPER	0200	1,261	33	41,613	R	AC		34	15	100	\$259,483	7,914	2" HMA+4" AB

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
LAKE ST	W END	8TH AVE	LAKE	0300	425	36	15,300	R	AC		7	0	100	\$95,405	7,914	2" HMA+4" AB
LEWIS ST	KERN ST	END N	LEWIS	0100	573	36	20,628	R	AC		22	0	100	\$128,629	7,914	2" HMA+4" AB
MARIPOSA ST	6TH AVE	8TH AVE	MARIPOSA	0350	706	37	26,122	R	AC		31	11	100	\$162,887	7,914	2" HMA+4" AB
RIVERSIDE ST	21ST AVE	END E	RIVERSIDE	0200	425	37	15,725	R	AC		39	21	100	\$98,055	7,914	2" HMA+4" AB
Treatment Total												\$1,289,977				
14TH AVE	KLEPPER ST	HOWARD ST	14TH	0800	620	54	33,480	R	AC		66	68	77	\$19,989	19,578	SLURRY SEAL
16TH AVE	HEMMA ST	NORTH END	16TH	0500	196	33	6,468	R	AC		66	68	77	\$3,862	19,577	SLURRY SEAL
AVENUE D	MEADOW LANE WEST	FOREST ST WEST	AVE D	0300	271	37	10,027	R	AC		67	69	78	\$5,987	19,672	SLURRY SEAL
BERGREN CT	19TH AVE	END E	BERGREN	0100	356	37	13,172	R	AC		59	61	72	\$7,865	22,693	SLURRY SEAL
CAROLYN ST	23RD AVE	22ND AVE	CAROLYN	0200	286	37	10,582	R	AC		67	69	78	\$6,318	19,640	SLURRY SEAL
MARIPOSA ST	RAFER JOHNSON DR	6TH AVE	MARIPOSA	0300	1,284	37	47,508	R	AC		67	69	78	\$28,364	19,651	SLURRY SEAL
PLUMAS ST	22ND AVE	END E	PLUMAS	0200	458	36	16,488	R	AC		58	61	71	\$9,844	22,314	SLURRY SEAL
SILVERBROOKE ST	ACADEMY AVE	14TH AVE	SILVERBRKE	0050	1,152	36	41,472	R	AC		67	69	78	\$24,760	19,640	SLURRY SEAL
SKYLE AVE	10TH AVE	11TH CT	SKYLE	0100	465	36	16,740	R	AC		67	69	78	\$9,995	19,632	SLURRY SEAL
SMITH ST	DRAPER ST	ELLIS ST	SMITH	0300	431	72	31,032	R	AC		66	68	77	\$18,527	19,584	SLURRY SEAL
WINTER ST	14TH AVE	END E	WINTER	0100	1,073	34	36,482	R	AC		67	69	78	\$21,781	19,640	SLURRY SEAL
Treatment Total												\$157,292				
10TH AVE	CODY LN	MEHLERT ST	10TH	0200	640	45	28,800	C	AC		62	82	83	\$85	989,439	SEAL CRACKS
10TH AVE	MEHLERT ST	ROOSEVELT ST	10TH	0300	960	47	45,120	C	AC		77	86	87	\$51	1,624,701	SEAL CRACKS
10TH AVE	ROOSEVELT ST	MARIPOSA ST	10TH	0400	1,023	37	37,851	C	AC		76	86	87	\$43	1,624,701	SEAL CRACKS
10TH AVE	SIERRA ST	UNION ST	10TH	0600	808	55	44,440	C	AC		80	76	78	\$200	682,918	SEAL CRACKS
10TH AVE	135' N/O VINEYARD WAY	CITY LIMIT	10TH	1000	666	43	28,638	C	AC		60	86	87	\$33	1,624,701	SEAL CRACKS
11TH CT	CODY LN	SKYLE AVE	11TH CT	0100	333	36	11,988	R	AC		68	70	72	\$70	582,803	SEAL CRACKS
12TH AVE	SIERRA ST	UNION ST	12TH	0200	781	56	43,736	R	AC		20	88	88	\$89	577,908	SEAL CRACKS
12TH AVE	STROUD AVE	KLEPPER ST	12TH	0600	1,330	36	47,880	R	AC		62	74	77	\$236	892,305	SEAL CRACKS
14TH AVE	AZALEA ST	NORTH END	14TH	0600	507	33	16,731	R	AC		80	79	80	\$67	684,430	SEAL CRACKS
16TH AVE	KLEPPER ST	HOWARD ST	16TH	0400	466	34	15,844	R	AC		69	71	73	\$90	592,588	SEAL CRACKS
17TH AVE	KLEPPER ST	HOWARD ST	17TH	0300	460	34	15,640	R	AC		65	74	76	\$79	634,095	SEAL CRACKS
18TH AVE	EARL ST	SIERRA ST	18TH	0300	1,211	37	44,807	A	AC		62	82	84	\$129	1,448,561	SEAL CRACKS
18TH AVE	SIERRA ST	WINTER ST	18TH	0400	1,450	38	55,100	A	AC		79	75	77	\$262	949,618	SEAL CRACKS
18TH AVE	105' S/O KAMM AVE	160' N/O SOLIG ST	18TH	0800	910	38	34,580	A	AC		23	86	87	\$81	939,114	SEAL CRACKS
19TH AVE	PLUMAS ST	SIERRA ST	19TH	0200	918	34	31,212	R	AC		79	78	80	\$131	680,682	SEAL CRACKS
20TH AVE	WINTER ST	WINDSOR DR	20TH	0300	306	38	11,628	R	AC		64	73	75	\$61	628,873	SEAL CRACKS
20TH AVE	NELSON WAY	KLEPPER ST	20TH	0600	516	37	19,092	R	AC		79	78	80	\$80	681,762	SEAL CRACKS

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
21ST AVE	KLEPPER ST	SKANSEN ST	21ST	0600	315	37	11,655	R	AC		63	75	77	\$57	908,093	SEAL CRACKS
22ND AVE	SKANSEN ST	HOWARD ST	22ND	0600	279	37	10,323	R	AC		62	74	77	\$51	891,478	SEAL CRACKS
22ND CT	SOLIG ST	END	22ND CT	0100	207	32	6,624	R	AC		86	83	85	\$20	682,792	SEAL CRACKS
24TH AVE	STROUD AVE E	SOPHIA LN	24TH	0200	949	37	35,113	R	AC		64	73	75	\$182	630,149	SEAL CRACKS
7TH AVE	MARIPOSA ST	PLUMAS ST	7TH	0200	893	37	33,041	R	AC		62	74	77	\$163	894,102	SEAL CRACKS
AVENUE B	MEADOW LN WEST	SIERRA ST	AVE B	0100	552	37	20,424	R	AC		81	79	81	\$78	691,385	SEAL CRACKS
AVENUE F	SUNSET ST	MEADOW ST	AVE F	0300	250	37	9,250	R	AC		80	79	80	\$37	684,430	SEAL CRACKS
AVENUE F	MEADOW ST WEST	NORTH END	AVE F	0400	509	37	18,833	R	AC		68	70	72	\$110	583,329	SEAL CRACKS
BETHEL AVE SOUTH	MEADOW LN WEST	SIERRA AVE WEST	BETHEL S	0300	631	43	27,133	C	AC		70	82	83	\$80	989,439	SEAL CRACKS
BETHEL AVE SOUTH	CLARKSON AVE	1500' N/O CLARKSON AVE	BETHEL S	0600	1,500	25	37,500	C	AC		59	86	87	\$43	1,624,701	SEAL CRACKS
BETHEL AVE SOUTH	1,500' N/O CLARKSON AVE	MAGNOLIA ST	BETHEL S	0700	1,133	25	28,325	C	AC		70	82	83	\$83	989,439	SEAL CRACKS
CARDINAL LN	KERN ST	LAKE ST	CARDINAL	0100	488	37	18,056	R	AC		80	79	81	\$72	684,570	SEAL CRACKS
DIANE AVE	KERN WEST	NEVADA WEST	DIANE	0100	651	37	24,087	R	AC		79	78	80	\$101	682,013	SEAL CRACKS
DRAPER ST	SIMPSON ST	MARION ST	DRAPER ST	0200	576	75	43,200	C	AC		67	82	83	\$127	989,439	SEAL CRACKS
DRAPER ST	MARION ST	LINCOLN ST	DRAPER ST	0300	840	74	62,160	C	AC		65	82	83	\$183	989,439	SEAL CRACKS
ELLIS ST	FRONTAGE RD	SIMPSON ST	ELLIS	0100	228	42	9,576	R	AC		17	88	88	\$20	577,908	SEAL CRACKS
ELLIS ST	MARION ST	SIERRA ST	ELLIS	0300	1,063	62	65,906	C	AC		70	82	83	\$194	989,439	SEAL CRACKS
GILROY ST	MARION ST	18TH AVE	GILROY	0100	537	54	28,998	R	AC		68	70	72	\$168	583,548	SEAL CRACKS
HAROLD ST	WEST END	ACADEMY AVE	HAROLD	0200	679	31	21,049	R	AC		69	71	73	\$119	592,588	SEAL CRACKS
HOWARD ST	19TH AVE	22ND AVE	HOWARD	0300	973	28	27,244	R	AC		69	71	73	\$155	591,497	SEAL CRACKS
KAMM AVE	BETHEL AVE	1500' E/O BETHEL AVE	KAMM	0100	1,500	24	36,000	A	AC		82	77	79	\$157	980,818	SEAL CRACKS
KAMM AVE	1500' E/O BETHEL AVE	CULVERT	KAMM	0200	1,395	24	33,480	A	AC		75	72	74	\$181	880,849	SEAL CRACKS
KAMM AVE	CULVERT	830' E/O CULVERT	KAMM	0300	830	24	19,920	A	AC		75	72	74	\$108	880,849	SEAL CRACKS
KAMM AVE	830' E/O CULVERT	1734' E/O CULVERT	KAMM	0400	904	38	34,352	A	AC		93	84	85	\$97	998,499	SEAL CRACKS
KAMM AVE	ACADEMY AVE	14TH AVE	KAMM	0600	1,206	42	50,652	C	AC		76	86	87	\$58	1,624,701	SEAL CRACKS
KAMM AVE	23RD AVE	MADSEN AVE	KAMM	1100	984	61	60,024	C	AC		81	77	79	\$262	697,209	SEAL CRACKS
KERN ST	10TH AVE	240' E/O 10TH AVE	KERN	0100	240	67	16,080	R	AC		79	78	80	\$68	680,682	SEAL CRACKS
KERN ST	CARDINAL LAN	MORGAN DR	KERN	0500	916	43	39,388	R	AC		79	78	80	\$165	682,013	SEAL CRACKS
KLEPPER ST	18TH AVE	21ST AVE	KLEPPER	0300	952	37	35,224	R	AC		80	79	80	\$141	684,366	SEAL CRACKS
LINDQUIST ST	WEST END	AVE E	LINDQUIST	0300	823	37	30,451	R	AC		63	72	75	\$162	616,437	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
LINDQUIST ST	RAFER JOHNSON DR	AVE A	LINDQUIST	0400	833	37	30,821	R	AC		78	77	79	\$135	670,563	SEAL CRACKS
LINDQUIST ST	AVE D	AVE A	LINDQUIST W	0100	526	37	19,462	R	AC		79	78	80	\$82	682,020	SEAL CRACKS
LINGONBERRY ST	MADSEN AVE	25TH AVE	LINGONBER R	0100	375	37	13,875	R	AC		74	73	75	\$72	630,110	SEAL CRACKS
MADSEN AVE	KLEPPER ST	KAMM AVE	MADSEN	0400	1,350	30	40,500	C	AC		68	82	83	\$119	989,439	SEAL CRACKS
MADSEN AVE	KAMM AVE	364' N/O AZALEA ST	MADSEN	0500	1,310	44	57,640	C	AC		69	82	83	\$169	989,439	SEAL CRACKS
MADSEN AVE	364' N/O AZALEA ST	CARUTHERS AVE E	MADSEN	0600	1,357	21	28,497	C	AC		60	82	83	\$84	989,439	SEAL CRACKS
MAGNOLIA ST	BETHEL AVE SOUTH	NELSON ST	MAGNOLIA S	0100	1,315	20	26,300	C	AC		61	82	83	\$78	989,439	SEAL CRACKS
MARIPOSA ST	MORGAN DR	E END	MARIPOSA	0200	482	37	17,834	R	AC		78	77	79	\$78	670,563	SEAL CRACKS
MEADOW LN WEST	AVE A	AVE D	MEADOW W	0100	870	37	32,190	R	AC		79	78	80	\$135	682,013	SEAL CRACKS
MENDOCINO AVE	CARNATION ST	CARUTHERS AVE	MENDOCINO	0200	1,300	33	42,900	A	AC		79	75	77	\$204	949,618	SEAL CRACKS
MORGAN DR	LINDQUIST ST WEST	KERN ST	MORGAN	0100	1,159	37	42,883	R	AC		78	77	79	\$188	670,563	SEAL CRACKS
NEVADA ST WEST	AVE D	BETHEL AVE SOUTH	NEVADA W	0100	1,227	37	45,399	R	AC		74	73	76	\$235	630,412	SEAL CRACKS
ORANGE ST WEST	AVE D	BETHEL AVE SOUTH	ORANGE W	0100	996	37	36,852	R	AC		78	77	79	\$162	670,563	SEAL CRACKS
QUINCY ST	6TH AVENUE	END E	QUINCY	0100	570	36	20,520	R	AC		64	73	76	\$106	630,716	SEAL CRACKS
ROOSEVELT ST	12TH AVE	14TH AVE	ROOSEVELT	0200	606	36	21,816	R	AC		62	74	77	\$108	894,102	SEAL CRACKS
SIMPSON ST	S END	SIERRA ST	SIMPSON	0100	4,054	41	166,214	A	AC		77	74	76	\$834	923,133	SEAL CRACKS
SKANSEN ST	23RD AVE	END E	SKANSEN	0200	770	37	28,490	R	AC		69	71	73	\$161	592,128	SEAL CRACKS
SOLIG ST	18TH AVE	17TH AVE	SOLIG	0200	295	37	10,915	R	AC		74	73	76	\$57	630,349	SEAL CRACKS
STROUD AVE E	1000' E/O SIMPSON ST	670' W/O 10TH AVE	STROUD E	0200	1,187	33	39,171	C	AC		68	82	83	\$115	989,439	SEAL CRACKS
STROUD AVE E	14TH AVE	18TH AVE	STROUD E	0500	1,287	34	43,758	C	AC		70	82	83	\$129	989,439	SEAL CRACKS
STROUD AVE E	18TH AVE	20TH AVE	STROUD E	0600	860	37	31,820	C	AC		70	82	83	\$94	989,439	SEAL CRACKS
STROUD AVE E	20TH AVE	22ND AVE	STROUD E	0700	810	37	29,970	C	AC		76	86	87	\$34	1,624,701	SEAL CRACKS
SUNSET ST WEST	WEST END	AVE D	SUNSET W	0100	933	37	34,521	R	AC		74	73	76	\$179	630,412	SEAL CRACKS
WILSON WAY	14TH AVE	15TH AVE	WILSON	0100	304	37	11,248	R	AC		74	73	76	\$59	630,286	SEAL CRACKS
WINDSOR DR	14TH AVE	17TH AVE	WINDSOR R	0200	943	37	34,891	R	AC		69	71	73	\$198	592,128	SEAL CRACKS
WINTER ST	18TH AVE	19TH AVE	WINTER	0200	395	38	15,010	R	AC		74	73	76	\$78	630,286	SEAL CRACKS
WINTER ST	19TH AVE	21ST AVE	WINTER	0300	800	37	29,600	R	AC		69	71	73	\$168	592,128	SEAL CRACKS
WINTER ST	24TH AVE	MADSEN AVE	WINTER	0500	430	36	15,480	R	AC		69	71	73	\$88	591,180	SEAL CRACKS
Treatment Total														\$9,378		

Year 2025 Area Total										3,272,047	Year 2025 Total			\$1,699,042		
Year: 2026																
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	PCI After	Cost	Rating	Treatment
WARKENTIN ST	W END	7TH AVE	WARKENTIN	0100	406	37	15,022	R	AC		57	43	59	\$24,121	6,709	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$24,121		
18TH AVE	EARL ST	SIERRA ST	18TH	0300	1,211	37	44,807	A	AC		62	82	89	\$30,615	26,873	SLURRY SEAL+CRACK SEAL
18TH AVE	SIERRA ST	WINTER ST	18TH	0400	1,450	38	55,100	A	AC		79	75	83	\$37,648	25,362	SLURRY SEAL+CRACK SEAL
KAMM AVE	1500' E/O BETHEL AVE	CULVERT	KAMM	0200	1,395	24	33,480	A	AC		75	72	81	\$22,876	25,410	SLURRY SEAL+CRACK SEAL
KAMM AVE	CULVERT	830' E/O CULVERT	KAMM	0300	830	24	19,920	A	AC		75	72	81	\$13,611	25,410	SLURRY SEAL+CRACK SEAL
MENDOCINO AVE	CARNATION ST	CARUTHERS AVE	MENDOCINO	0200	1,300	33	42,900	A	AC		79	75	83	\$29,312	25,362	SLURRY SEAL+CRACK SEAL
SIMPSON ST	S END	SIERRA ST	SIMPSON	0100	4,054	41	166,214	A	AC		77	74	82	\$113,568	25,458	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$247,630		
17TH AVE	STROUD AVE E	KLEPPER ST	17TH	0200	1,305	32	41,760	R	AC		42	22	100	\$268,211	7,683	2" HMA+4" AB
MARIPOSA ST	8TH AVE	10TH AVE	MARIPOSA	0400	657	37	24,309	R	AC		37	15	100	\$156,129	7,683	2" HMA+4" AB
NEVADA ST WEST	10TH AVE	8TH AVE	NEVADA	0200	655	37	24,235	R	AC		38	17	100	\$155,654	7,683	2" HMA+4" AB
NEVADA ST WEST	8TH AVE	6TH AVE	NEVADA	0300	715	37	26,455	R	AC		31	7	100	\$169,912	7,683	2" HMA+4" AB
ORANGE ST	6TH AVE	PAVEMENT CHANGE	ORANGE	0300	1,020	37	37,740	R	AC		22	0	100	\$242,392	7,683	2" HMA+4" AB
RAFER JOHNSON DR	ORANGE ST	SIERRA AVE	RAFERJOHN S	0200	1,135	37	41,995	R	AC		41	21	100	\$269,721	7,683	2" HMA+4" AB
WILLIAMS ST	CALIFORNIA ST	SIERRA ST	WILLIAMS	0100	347	39	13,533	R	AC		3	0	100	\$86,919	7,683	2" HMA+4" AB
WINDSOR DR	23RD AVE	24TH AVE	WINDSOR DR	0400	271	36	9,756	R	AC		29	4	100	\$62,660	7,683	2" HMA+4" AB
											Treatment Total			\$1,411,598		
CARDINAL LN	MEADOW LN	FOREST DR	CARDINAL	0200	242	37	8,954	R	AC		56	68	78	\$5,507	24,228	SLURRY SEAL
											Treatment Total			\$5,507		
10TH AVE	COUNTY LINE	CODY LN	10TH	0100	965	36	34,740	C	AC		71	82	83	\$105	960,621	SEAL CRACKS
10TH AVE	MARIPOSA ST	PAVEMENT CHANGE	10TH	0500	860	36	30,960	C	AC		79	73	75	\$166	592,312	SEAL CRACKS
10TH AVE	STROUD AVE	135' N/O VINEYARD WAY	10TH	0900	393	48	18,864	C	AC		50	82	83	\$57	960,621	SEAL CRACKS
12TH AVE	UNION ST	WINTER ST	12TH	0300	645	56	36,120	R	AC		34	88	88	\$75	561,076	SEAL CRACKS
12TH AVE	KLEPPER ST	SILVERBROOKE ST	12TH	0500	970	36	34,920	R	AC		81	78	80	\$148	663,150	SEAL CRACKS
14TH AVE	14TH ST	RAYSER ST	14TH	0100	860	36	30,960	R	AC		70	70	73	\$184	567,384	SEAL CRACKS
14TH AVE	RAYSER ST	MEHLERT ST	14TH	0200	607	36	21,852	R	AC		71	71	73	\$127	579,382	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
14TH AVE	HEMMA ST	AZALEA ST	14TH	0500	452	33	14,916	R	AC		71	71	73	\$86	580,838	SEAL CRACKS
14TH AVE	STROUD AVE	KLEPPER ST	14TH	0700	1,333	45	59,985	R	AC		33	88	88	\$125	561,076	SEAL CRACKS
15TH AVE	KAMM ST	HEMMA ST	15TH	0300	284	37	10,508	R	AC		70	70	73	\$63	567,829	SEAL CRACKS
15TH AVE	STROUD AVE	KLEPPER ST	15TH	0500	1,300	36	46,800	R	AC		36	88	88	\$98	561,076	SEAL CRACKS
15TH CT	HEMMA ST	NORTH END	15TH C	0100	198	33	6,534	R	AC		74	73	76	\$35	613,471	SEAL CRACKS
17TH AVE	AZALEA ST	CARNATION ST	17TH	0500	499	33	16,467	R	AC		83	80	82	\$63	671,563	SEAL CRACKS
18TH AVE	KERN ST	EARL ST	18TH	0250	1,309	40	52,360	A	AC		39	86	87	\$125	911,761	SEAL CRACKS
18TH AVE	WINTER ST	STROUD AVE	18TH	0500	1,140	38	43,320	A	AC		72	82	84	\$128	1,406,370	SEAL CRACKS
18TH AVE	STROUD AVE	KLEPPER ST	18TH	0600	1,285	60	77,100	A	AC		49	82	84	\$228	1,406,370	SEAL CRACKS
18TH AVE	KLEPPER ST	320' N/O KLEPPER ST	18TH	0700	320	60	19,200	A	AC		40	86	87	\$46	911,761	SEAL CRACKS
19TH AVE	MARIPOSA ST	PLUMAS ST	19TH	0100	1,058	34	35,972	R	AC		74	73	76	\$190	613,375	SEAL CRACKS
19TH AVE	WINTER ST	STROUD AVE E	19TH	0300	1,153	37	42,661	R	AC		70	70	73	\$253	567,693	SEAL CRACKS
19TH AVE	STROUD AVE E	END N	19TH	0400	586	37	21,682	R	AC		60	74	76	\$112	838,279	SEAL CRACKS
23RD AVE	SOPHIA LN	SKANSEN ST	23RD	0300	684	37	25,308	R	AC		70	70	73	\$150	567,693	SEAL CRACKS
AVE 396	18TH AVE	CITY LIMIT	396	0100	155	41	6,355	A	AC		45	82	84	\$19	1,406,370	SEAL CRACKS
6TH AVE	KERN ST	NEVADA ST	6TH	0400	999	37	36,963	C	AC		94	86	87	\$87	840,066	SEAL CRACKS
6TH AVE	NEVADA ST	QUINCY ST	6TH	0500	970	37	35,890	C	AC		94	86	87	\$85	840,066	SEAL CRACKS
6TH AVE	QUINCY ST	SIERRA ST	6TH	0600	774	37	28,638	C	AC		94	86	87	\$68	840,066	SEAL CRACKS
ASLAN WAY	14TH AVE	12TH AVE	ASLAN	0100	615	36	22,140	R	AC		75	74	77	\$113	625,160	SEAL CRACKS
AVENUE A	LINDQUIST ST WEST	NORTH END	AVE A	0100	1,285	37	47,545	R	AC		70	70	73	\$282	567,829	SEAL CRACKS
AVENUE C	MEADOW LN WEST	NORTH END	AVE C	0100	286	37	10,582	R	AC		70	70	73	\$63	567,829	SEAL CRACKS
AVENUE E	AVE D	LINDQUIST ST WEST	AVE E	0100	480	37	17,760	R	AC		83	80	82	\$68	671,581	SEAL CRACKS
AVENUE F	NEVADA ST	LINDQUIST ST	AVE F	0200	299	37	11,063	R	AC		81	78	80	\$47	663,150	SEAL CRACKS
BELLFLOWER ST	16TH AVE	15TH AVE	BELLFLO	0100	270	33	8,910	R	AC		83	80	82	\$35	671,563	SEAL CRACKS
BETHEL AVE SOUTH	KERN WEST	NEVADA ST WEST	BETHEL S	0100	835	48	40,080	C	AC		71	82	83	\$121	960,621	SEAL CRACKS
BETHEL AVE SOUTH	NEVADA ST WEST	MEADOWS LN WEST	BETHEL S	0200	1,125	48	54,000	C	AC		78	72	74	\$304	565,432	SEAL CRACKS
EARL ST	MARION ST	18TH AVE	EARL	0300	1,024	44	45,056	C	AC		84	78	80	\$192	701,710	SEAL CRACKS
FRONTAGE RD	HWY 99 ON-RAMP	10TH ST	FRONTAGE	0200	1,317	40	52,680	A	AC		71	82	84	\$156	1,406,370	SEAL CRACKS
HOWARD ST	12TH AVE	14TH AVE	HOWARD	0200	606	37	22,422	R	AC		83	80	82	\$86	671,563	SEAL CRACKS
HOWARD ST	22ND AVE	25TH AVE	HOWARD	0400	897	37	33,189	R	AC		70	70	73	\$198	567,343	SEAL CRACKS
KAMM AVE	1734' E/O CULVERT	ACADEMY AVE	KAMM	0500	1,060	57	60,420	C	AC		94	86	87	\$144	844,553	SEAL CRACKS
KAMM AVE	14TH ST	15TH ST	KAMM	0700	626	61	38,186	C	AC		84	78	80	\$164	699,890	SEAL CRACKS
KAMM AVE	15TH AVE	18TH AVE	KAMM	0800	750	61	45,750	C	AC		80	74	76	\$237	609,715	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KAMM AVE	350' W/O 23RD AVE	23RD AVE	KAMM	1000	350	42	14,700	C	AC		78	72	74	\$83	565,870	SEAL CRACKS
KERN ST	DIANE AVE	MORGAN DR	KERN	0600	1,290	43	55,470	R	AC		70	70	73	\$329	567,829	SEAL CRACKS
LAKE ST WEST	END WEST	DIANE AVE	LAKE W	0100	802	37	29,674	R	AC		83	80	82	\$114	671,563	SEAL CRACKS
MENDOCINO AVE	KAMM ST	CARNATION ST	MENDOCINO	0100	1,250	67	83,750	A	AC		69	82	84	\$247	1,406,370	SEAL CRACKS
MORGAN DR	ORANGE ST	SIERRA AVE WEST	MORGAN	0200	1,159	37	42,883	R	AC		75	74	77	\$218	625,160	SEAL CRACKS
NEVADA ST WEST	MORGAN DR	EAST END	NEVADA	0100	483	37	17,871	R	AC		81	78	80	\$76	663,150	SEAL CRACKS
ORANGE ST WEST	WEST END	AVE A	ORANGE W	0200	490	37	18,130	R	AC		82	79	81	\$73	665,546	SEAL CRACKS
RAFER JOHNSON DR	KERN ST	ORANGE ST	RAFERJOHN S	0100	1,432	37	52,984	R	AC		70	70	73	\$314	568,137	SEAL CRACKS
SANDELL ST	ASLAN WY	KLEPPER ST	SANDELL	0100	798	36	28,728	R	AC		70	70	73	\$171	567,829	SEAL CRACKS
SANDELL ST	KLEPPER ST	HOWARD ST	SANDELL	0200	630	36	22,680	R	AC		75	74	77	\$115	625,160	SEAL CRACKS
SILVERBROOKE ST	W END	25TH AVE	SILVERBRKE	0100	924	37	34,188	R	AC		75	74	77	\$174	624,113	SEAL CRACKS
STROUD AVE E	10TH AVE	14TH AVE	STROUD E	0400	1,284	37	47,508	C	AC		80	74	76	\$244	615,553	SEAL CRACKS
SUNSET ST	MORGAN ST	EAST END	SUNSET ST	0100	480	36	17,280	R	AC		83	80	82	\$67	671,563	SEAL CRACKS
SUNSET ST WEST	WEST END	AVE A	SUNSET W	0200	647	37	23,939	R	AC		82	79	81	\$97	665,546	SEAL CRACKS
VENTURA ST	AVE B	EAST END	VENTURA	0300	1,093	45	49,185	R	AC		83	80	82	\$188	671,563	SEAL CRACKS
WINDSOR DR	10TH ST	12TH ST	WINDSOR DR	0100	825	37	30,525	R	AC		75	74	77	\$155	624,703	SEAL CRACKS
WINDSOR DR	19TH AVE	20TH AVE	WINDSOR DR	0300	464	37	17,168	R	AC		60	74	76	\$89	839,832	SEAL CRACKS
WINTER ST	21ST AVE	23RD AVE	WINTER	0400	625	37	23,125	R	AC		71	71	73	\$134	580,389	SEAL CRACKS
											Treatment Total			\$7,921		
Year 2026 Area Total											2,514,826		Year 2026 Total		\$1,696,777	

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
10TH AVE	STROUD AVE	135' N/O VINEYARD WAY	10TH	0900	393	48	18,864	C	AC		50	82	89	\$12,612	19,218	SLURRY SEAL+CRACK SEAL
18TH AVE	WINTER ST	STROUD AVE	18TH	0500	1,140	38	43,320	A	AC		72	82	89	\$30,487	26,091	SLURRY SEAL+CRACK SEAL
18TH AVE	STROUD AVE	KLEPPER ST	18TH	0600	1,285	60	77,100	A	AC		49	82	89	\$54,260	26,091	SLURRY SEAL+CRACK SEAL
19TH AVE	STROUD AVE E	END N	19TH	0400	586	37	21,682	R	AC		60	75	83	\$13,734	26,927	SLURRY SEAL+CRACK SEAL
AVE 396	18TH AVE	CITY LIMIT	396	0100	155	41	6,355	A	AC		45	82	89	\$4,473	26,091	SLURRY SEAL+CRACK SEAL
FRONTAGE RD	HWY 99 ON-RAMP	10TH ST	FRONTAGE	0200	1,317	40	52,680	A	AC		71	82	89	\$37,075	26,091	SLURRY SEAL+CRACK SEAL

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KAMM AVE	BETHEL AVE	1500' E/O BETHEL AVE	KAMM	0100	1,500	24	36,000	A	AC		82	75	83	\$25,336	24,656	SLURRY SEAL+CRACK SEAL
MENDOCINO AVE	KAMM ST	CARNATION ST	MENDOCINO	0100	1,250	67	83,750	A	AC		69	82	89	\$58,940	26,091	SLURRY SEAL+CRACK SEAL
WINDSOR DR	19TH AVE	20TH AVE	WINDSOR DR	0300	464	37	17,168	R	AC		60	75	83	\$10,874	26,961	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$247,791			
SOPHIA LN	22ND AVE	MADSEN AVE	SOPHIA	0200	1,159	37	42,883	R	AC		45	23	100	\$283,687	7,459	2" HMA+4" AB
TULARE ST	10TH AVE	14TH AVE	TULARE	0100	1,302	45	58,590	R	AC		35	9	100	\$387,594	7,459	2" HMA+4" AB
TULARE ST	14TH AVE	18TH AVE	TULARE	0200	1,315	45	59,175	R	AC		25	0	100	\$391,464	7,459	2" HMA+4" AB
UNION ST	10TH AVE	14TH AVE	UNION	0100	1,314	37	48,618	R	AC		30	2	100	\$321,626	7,459	2" HMA+4" AB
											Treatment Total		\$1,384,371			
11TH CT	CODY LN	SKYLE AVE	11TH CT	0100	333	36	11,988	R	AC		68	69	78	\$7,594	18,538	SLURRY SEAL
AVENUE F	MEADOW ST WEST	NORTH END	AVE F	0400	509	37	18,833	R	AC		68	69	78	\$11,929	18,549	SLURRY SEAL
BERGREN CT	19TH AVE	END E	BERGREN	0100	356	37	13,172	R	AC		59	69	78	\$8,343	24,420	SLURRY SEAL
GILROY ST	MARION ST	18TH AVE	GILROY	0100	537	54	28,998	R	AC		68	69	78	\$18,367	18,554	SLURRY SEAL
PLUMAS ST	22ND AVE	END E	PLUMAS	0200	458	36	16,488	R	AC		58	68	78	\$10,444	23,896	SLURRY SEAL
											Treatment Total		\$56,677			
10TH AVE	UNION ST	211' N/O VENTURA	10TH	0700	572	32	18,304	C	AC		55	82	83	\$57	932,641	SEAL CRACKS
10TH AVE	211' N/O VENTURA ST	CITY LIMIT	10TH	0800	411	36	14,796	C	AC		94	85	86	\$41	786,973	SEAL CRACKS
11TH AVE	RAYSER ST	KERN ST	11TH	0100	674	37	24,938	R	AC		61	74	76	\$134	815,020	SEAL CRACKS
11TH AVE	SKANSEN ST	HOWARD ST	11TH	0200	304	37	11,248	R	AC		86	81	82	\$42	653,981	SEAL CRACKS
11TH CT	WARKENTIN	END N	11TH CT	0200	180	20	3,600	R	AC		26	83	85	\$12	642,532	SEAL CRACKS
12TH AVE	AVE 392	MEHLERT ST	12TH	0100	1,297	37	47,989	R	AC		72	70	73	\$291	552,615	SEAL CRACKS
12TH AVE	WINTER ST	WINDSOR DR	12TH	0400	394	37	14,578	R	AC		76	74	76	\$78	597,511	SEAL CRACKS
14TH AVE	SILVERBROOKE ST	KAMM ST	14TH	0900	302	37	11,174	R	AC		77	75	77	\$58	612,901	SEAL CRACKS
15TH AVE	AZALEA ST	BELLFLOWER ST	15TH	0100	325	33	10,725	R	AC		86	81	82	\$40	653,125	SEAL CRACKS
15TH AVE	WILSON WAY	STROUD AVE E	15TH	0200	498	37	18,426	R	AC		76	74	76	\$99	597,564	SEAL CRACKS
16TH AVE	SIERRA ST	WINTER ST	16TH	0100	1,442	53	76,426	R	AC		26	88	88	\$164	544,734	SEAL CRACKS
16TH AVE	AZALEA ST	BELLFLOWER ST	16TH	0600	335	33	11,055	R	AC		88	82	84	\$38	651,790	SEAL CRACKS
17TH AVE	HEMMA ST	AZALEA ST	17TH	0400	469	37	17,353	R	AC		78	75	78	\$87	616,635	SEAL CRACKS
19TH AVE	NELSON WAY	HOWARD ST	19TH	0500	1,147	37	42,439	R	AC		76	74	76	\$227	597,511	SEAL CRACKS
20TH AVE	END S	STROUD AVE E	20TH	0400	551	37	20,387	R	AC		78	75	78	\$102	616,349	SEAL CRACKS
21ST AVE	PLUMAS ST	SIERRA ST	21ST	0200	918	26	23,868	R	AC		77	75	77	\$124	612,515	SEAL CRACKS
21ST AVE	ERLING WAY	SOPHIA LN	21ST	0400	606	37	22,422	R	AC		88	82	84	\$76	651,814	SEAL CRACKS

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
22ND AVE	STROUD AVE E	ERLING WAY	22ND	0400	311	37	11,507	R	AC		88	82	84	\$39	651,790	SEAL CRACKS
23RD AVE	WINTER ST	CAROLYN ST	23RD	0200	773	36	27,828	R	AC		33	88	88	\$60	544,734	SEAL CRACKS
23RD AVE	SILVERBROOKE ST	KAMM AVE	23RD	0400	296	37	10,952	R	AC		77	75	77	\$57	612,883	SEAL CRACKS
23RD AVE	SOLIG ST	AZALEA ST	23RD	0500	290	32	9,280	R	AC		86	81	82	\$35	653,981	SEAL CRACKS
23RD CT	END	SOLIG ST	23RD CT	0100	205	32	6,560	R	AC		86	81	82	\$25	653,981	SEAL CRACKS
24TH AVE	WINTER ST	CAROLYN ST	24TH	0100	773	37	28,601	R	AC		39	88	88	\$62	544,734	SEAL CRACKS
24TH CT	END	SOLIG ST	24TH CT	0100	206	32	6,592	R	AC		86	81	82	\$25	653,981	SEAL CRACKS
25TH AVE	WINTER ST	CAROLYN ST	25TH	0100	781	37	28,897	R	AC		37	88	88	\$62	544,734	SEAL CRACKS
25TH AVE	HOWARD ST	SILVERBROOKE ST	25TH	0200	329	37	12,173	R	AC		72	70	73	\$74	552,723	SEAL CRACKS
25TH AVE	HEMMA ST	AZALEA ST	25TH	0300	585	32	18,720	R	AC		86	81	82	\$69	653,981	SEAL CRACKS
7TH AVE	MEHLERT ST	ROOSEVELT ST	7TH	0100	924	37	34,188	R	AC		28	88	88	\$74	544,734	SEAL CRACKS
8TH AVE	KERN ST	MARIPOSA ST	8TH	0150	637	37	23,569	R	AC		27	83	85	\$73	642,532	SEAL CRACKS
AVENUE B	SIERRA ST	VENTURA ST	AVE B	0200	1,067	45	48,015	R	AC		88	82	84	\$162	651,709	SEAL CRACKS
AVENUE D	NEVADA ST WEST	LINDQUIST ST	AVE D	0100	574	37	21,238	R	AC		86	81	82	\$79	653,974	SEAL CRACKS
AVENUE E	FOREST ST WEST	SIERRA ST	AVE E	0200	313	27	8,451	R	AC		76	74	76	\$46	597,627	SEAL CRACKS
AVENUE F	LAKE ST	MARIPOSA ST	AVE F	0100	259	37	9,583	R	AC		77	75	77	\$50	612,973	SEAL CRACKS
AZALEA ST	17TH AVE	14TH AVE	AZALEA	0100	1,040	33	34,320	R	AC		78	75	78	\$171	616,635	SEAL CRACKS
AZALEA ST	MADSEN ST	23RD ST	AZALEA	0200	964	32	30,848	R	AC		86	81	82	\$114	653,981	SEAL CRACKS
BETHEL AVE SOUTH	STROUD AVE EAST	PARKWAY DR	BETHEL S	0550	872	34	29,648	C	AC		50	82	83	\$93	932,641	SEAL CRACKS
BIRCH CT	W END	MADSEN AVE	BIRCH	0100	245	37	9,065	R	AC		38	88	88	\$20	544,734	SEAL CRACKS
CARNATION ST	17TH AVE	18TH AVE	CARNATION	0100	227	26	5,902	R	AC		83	79	81	\$25	648,644	SEAL CRACKS
CAROLYN ST	24TH AVE	MADSEN AVE	CAROLYN	0100	437	37	16,169	R	AC		33	88	88	\$35	544,734	SEAL CRACKS
CAROLYN ST	20TH AVE	21ST AVE	CAROLYN	0500	337	37	12,469	R	AC		76	74	76	\$67	597,284	SEAL CRACKS
CODY LN	10TH AVE	END E	CODY	0100	938	37	34,706	R	AC		72	70	73	\$211	552,615	SEAL CRACKS
DRAPER ST	LINCOLN ST	SIERRA ST	DRAPER ST	0400	850	74	62,900	C	AC		56	82	83	\$196	932,641	SEAL CRACKS
EARL ST	SIMPSON ST	MARION ST	EARL	0200	565	44	24,860	C	AC		73	82	83	\$78	932,641	SEAL CRACKS
FOREST DR	EAST END	MORGAN DR	FOREST	0100	480	37	17,760	R	AC		76	74	76	\$95	597,627	SEAL CRACKS
FOREST ST WEST	WEST END	AVE D	FOREST W	0100	933	37	34,521	R	AC		77	75	77	\$178	612,973	SEAL CRACKS
FRONTAGE RD	18TH AVE	HWY 99 ON-RAMP	FRONTAGE	0100	1,308	40	52,320	A	AC		89	78	80	\$225	945,563	SEAL CRACKS
HEMMA ST	17TH ST	14TH ST	HEMMA	0100	950	37	35,150	R	AC		76	74	76	\$188	597,359	SEAL CRACKS
HEMMA ST	MADSEN ST	25TH AVE	HEMMA	0200	165	32	5,280	R	AC		88	82	84	\$18	651,709	SEAL CRACKS
HOWARD ST	10TH AVE	11TH AVE	HOWARD	0100	320	37	11,840	R	AC		84	79	81	\$48	651,567	SEAL CRACKS
KAMM AVE	18TH AVE	350' W/O 23RD AVE	KAMM	0900	1,350	24	32,400	C	AC		74	82	83	\$101	932,641	SEAL CRACKS
KERN ST	240' E/O 10TH AVE	14TH AVE	KERN	0200	700	37	25,900	R	AC		73	71	74	\$153	568,615	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
KERN ST	BETHEL SOUTH	DIANE AVE	KERN	0700	850	40	34,000	R	AC		76	74	76	\$182	597,627	SEAL CRACKS
KLEPPER ST	12TH AVE	14TH AVE	KLEPPER	0100	623	36	22,428	R	AC		77	75	77	\$116	613,069	SEAL CRACKS
KLEPPER ST	23RD AVE	MADSEN AVE	KLEPPER	0400	1,023	37	37,851	R	AC		72	70	73	\$229	552,906	SEAL CRACKS
LAKE ST	MORGAN DR	E END	LAKE	0100	489	37	18,093	R	AC		86	81	82	\$67	653,981	SEAL CRACKS
LAKE ST	RAFER JOHNSON ST	CARDINAL ST	LAKE	0200	338	37	12,506	R	AC		77	75	77	\$65	613,176	SEAL CRACKS
LAUREL ST	W END	SIMPSON ST	LAUREL	0100	291	31	9,021	R	AC		84	79	81	\$37	651,720	SEAL CRACKS
LEWIS ST	FRONTAGE RD	SIMPSON ST	LEWIS	0120	232	37	8,584	R	AC		78	75	78	\$43	616,828	SEAL CRACKS
LEWIS ST	CALIFORNIA ST	SMITH ST	LEWIS	0150	842	62	52,204	C	AC		74	82	83	\$163	932,641	SEAL CRACKS
LEWIS ST	SMITH ST	18TH AVE	LEWIS	0200	1,090	61	66,490	C	AC		75	82	83	\$207	932,641	SEAL CRACKS
MARIPOSA ST	END WEST	DIANE AVE	MARIPOSA	0100	826	37	30,562	R	AC		86	81	82	\$113	653,981	SEAL CRACKS
MARIPOSA ST	18TH AVE	END E	MARIPOSA	0500	1,275	32	40,800	R	AC		62	74	77	\$212	843,924	SEAL CRACKS
MEADOW LN	MORGAN DR	EAST END	MEADOW	0100	478	37	17,686	R	AC		76	74	76	\$95	597,627	SEAL CRACKS
MEADOW LN WEST	AVE D	BETHEL AVE SOUTH	MEADOW W	0200	963	37	35,631	R	AC		73	71	74	\$210	570,037	SEAL CRACKS
MEHLERT ST	945' E/O 6TH AVE DR	10TH AVE	MEHLERT	0200	447	42	18,774	C	AC		53	82	83	\$59	932,641	SEAL CRACKS
MISSION ST	FRONTAGE RD	SIMPSON ST	MISSION	0100	170	33	5,610	R	AC		25	88	88	\$12	544,734	SEAL CRACKS
MORGAN DR	SIERRA ST WEST	VENTURA ST	MORGAN	0300	1,060	45	47,700	R	AC		85	80	82	\$185	652,272	SEAL CRACKS
ORANGE ST	AVE A	RAFER JOHNSON ST	ORANGE	0200	810	37	29,970	R	AC		86	81	82	\$111	653,981	SEAL CRACKS
RAYSER ST	7TH AVE	9TH AVE	RAYSER	0100	524	36	18,864	R	AC		72	70	73	\$114	554,272	SEAL CRACKS
SKANSEN ST	21ST AVE	23RD AVE	SKANSEN	0100	626	37	23,162	R	AC		72	70	73	\$141	552,906	SEAL CRACKS
SKANSEN ST	11TH AVE	10TH AVE	SKANSEN	0300	318	37	11,766	R	AC		87	82	83	\$42	652,846	SEAL CRACKS
SOLIG ST	WEST END	25TH ST	SOLIG	0100	1,125	32	36,000	R	AC		86	81	82	\$133	653,880	SEAL CRACKS
SOPHIA LN	21ST AVE	22ND AVE	SOPHIA	0100	490	37	18,130	R	AC		87	82	83	\$64	652,877	SEAL CRACKS
STROUD AVE E	SIMPSON ST	1000' E/O SIMPSON ST	STROUD E	0100	1,000	33	33,000	C	AC		52	82	83	\$103	932,641	SEAL CRACKS
WINDSOR CT	WINTER ST	END N	WINDSORCT	0100	187	37	6,919	R	AC		73	71	74	\$41	569,573	SEAL CRACKS
WINTER ST	10TH AVE	12TH AVE	WINTER	0600	796	37	29,452	R	AC		73	71	74	\$173	569,573	SEAL CRACKS
											Treatment Total		\$7,595			
Year 2027 Area Total											2,492,807		Year 2027 Total		\$1,696,434	

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
NELSON WAY	19TH AVE	20TH AVE	NELSON	0100	290	37	10,730	R	AC		63	44	59	\$18,279	5,810	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total		\$18,279			

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/07/2019

Scenario: S3: Improve PCI to 70

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BETHEL AVE SOUTH	NEVADA ST WEST	MEADOWS LN WEST	BETHEL S	0200	1,125	48	54,000	C	AC		78	69	100	\$133,087	18,574	1.5" MILL AND HMA OVERLAY
KAMM AVE	350' W/O 23RD AVE	23RD AVE	KAMM	1000	350	42	14,700	C	AC		78	69	100	\$36,230	18,566	1.5" MILL AND HMA OVERLAY
											Treatment Total		\$169,317			
10TH AVE	CODY LN	MEHLERT ST	10TH	0200	640	45	28,800	C	AC		62	78	86	\$19,833	21,103	SLURRY SEAL+CRACK SEAL
11TH AVE	RAYSER ST	KERN ST	11TH	0100	674	37	24,938	R	AC		61	75	83	\$16,270	26,376	SLURRY SEAL+CRACK SEAL
11TH CT	WARKENTIN	END N	11TH CT	0200	180	20	3,600	R	AC		26	83	90	\$2,349	14,612	SLURRY SEAL+CRACK SEAL
15TH CT	HEMMA ST	NORTH END	15TH C	0100	198	33	6,534	R	AC		74	73	81	\$4,263	18,173	SLURRY SEAL+CRACK SEAL
BETHEL AVE SOUTH	MEADOW LN WEST	SIERRA AVE WEST	BETHEL S	0300	631	43	27,133	C	AC		70	78	86	\$18,685	21,103	SLURRY SEAL+CRACK SEAL
BETHEL AVE SOUTH	1,500' N/O CLARKSON AVE	MAGNOLIA ST	BETHEL S	0700	1,133	25	28,325	C	AC		70	78	86	\$19,506	21,103	SLURRY SEAL+CRACK SEAL
DRAPER ST	SIMPSON ST	MARION ST	DRAPER ST	0200	576	75	43,200	C	AC		67	78	86	\$29,749	21,103	SLURRY SEAL+CRACK SEAL
DRAPER ST	MARION ST	LINCOLN ST	DRAPER ST	0300	840	74	62,160	C	AC		65	78	86	\$42,806	21,103	SLURRY SEAL+CRACK SEAL
ELLIS ST	MARION ST	SIERRA ST	ELLIS	0300	1,063	62	65,906	C	AC		70	78	86	\$45,385	21,103	SLURRY SEAL+CRACK SEAL
FRONTAGE RD	18TH AVE	HWY 99 ON-RAMP	FRONTAGE	0100	1,308	40	52,320	A	AC		89	78	86	\$37,926	23,278	SLURRY SEAL+CRACK SEAL
MARIPOSA ST	18TH AVE	END E	MARIPOSA	0500	1,275	32	40,800	R	AC		62	76	84	\$26,618	26,855	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$263,390			
16TH AVE	WINDSOR DR	STROUD AVE	16TH	0200	808	33	26,664	R	AC		48	24	100	\$181,684	7,242	2" HMA+4" AB
16TH AVE	STROUD AVE	KLEPPER ST	16TH	0300	1,307	33	43,131	R	AC		48	24	100	\$293,887	7,242	2" HMA+4" AB
PLUMAS ST	7TH AVE	8TH AVE	PLUMAS	0050	389	37	14,393	R	AC		46	22	100	\$98,072	7,242	2" HMA+4" AB
UNION ST	14TH AVE	18TH AVE	UNION	0200	1,322	37	48,914	R	AC		29	0	100	\$333,291	7,242	2" HMA+4" AB
											Treatment Total		\$906,934			
14TH AVE	14TH ST	RAYSER ST	14TH	0100	860	36	30,960	R	AC		70	69	78	\$20,198	18,032	SLURRY SEAL
15TH AVE	KAMM ST	HEMMA ST	15TH	0300	284	37	10,508	R	AC		70	69	78	\$6,856	18,041	SLURRY SEAL
16TH AVE	KLEPPER ST	HOWARD ST	16TH	0400	466	34	15,844	R	AC		69	68	77	\$10,337	17,923	SLURRY SEAL
19TH AVE	WINTER ST	STROUD AVE E	19TH	0300	1,153	37	42,661	R	AC		70	69	78	\$27,832	18,038	SLURRY SEAL
23RD AVE	SOPHIA LN	SKANSEN ST	23RD	0300	684	37	25,308	R	AC		70	69	78	\$16,511	18,038	SLURRY SEAL
AVENUE A	LINDQUIST ST WEST	NORTH END	AVE A	0100	1,285	37	47,545	R	AC		70	69	78	\$31,018	18,041	SLURRY SEAL
AVENUE C	MEADOW LN WEST	NORTH END	AVE C	0100	286	37	10,582	R	AC		70	69	78	\$6,904	18,041	SLURRY SEAL

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
HAROLD ST	WEST END	ACADEMY AVE	HAROLD	0200	679	31	21,049	R	AC		69	68	77	\$13,733	17,923	SLURRY SEAL
HOWARD ST	19TH AVE	22ND AVE	HOWARD	0300	973	28	27,244	R	AC		69	68	77	\$17,774	17,922	SLURRY SEAL
HOWARD ST	22ND AVE	25TH AVE	HOWARD	0400	897	37	33,189	R	AC		70	69	78	\$21,653	18,031	SLURRY SEAL
KERN ST	DIANE AVE	MORGAN DR	KERN	0600	1,290	43	55,470	R	AC		70	69	78	\$36,188	18,041	SLURRY SEAL
RAFER JOHNSON DR	KERN ST	ORANGE ST	RAFERJOHN S	0100	1,432	37	52,984	R	AC		70	69	78	\$34,567	18,047	SLURRY SEAL
SANDELL ST	ASLAN WY	KLEPPER ST	SANDELL	0100	798	36	28,728	R	AC		70	69	78	\$18,742	18,041	SLURRY SEAL
SKANSEN ST	23RD AVE	END E	SKANSEN	0200	770	37	28,490	R	AC		69	68	77	\$18,587	17,923	SLURRY SEAL
WINDSOR DR	14TH AVE	17TH AVE	WINDSOR D R	0200	943	37	34,891	R	AC		69	68	77	\$22,763	17,923	SLURRY SEAL
WINTER ST	19TH AVE	21ST AVE	WINTER	0300	800	37	29,600	R	AC		69	68	77	\$19,311	17,923	SLURRY SEAL
WINTER ST	24TH AVE	MADSEN AVE	WINTER	0500	430	36	15,480	R	AC		69	68	77	\$10,099	17,921	SLURRY SEAL
											Treatment Total		\$333,073			
10TH AVE	MEHLERT ST	ROOSEVELT ST	10TH	0300	960	47	45,120	C	AC		77	82	83	\$145	905,477	SEAL CRACKS
10TH AVE	ROOSEVELT ST	MARIPOSA ST	10TH	0400	1,023	37	37,851	C	AC		76	82	83	\$122	905,477	SEAL CRACKS
10TH AVE	135' N/O VINEYARD WAY	CITY LIMIT	10TH	1000	666	43	28,638	C	AC		60	82	83	\$92	905,477	SEAL CRACKS
12TH AVE	SIERRA ST	UNION ST	12TH	0200	781	56	43,736	R	AC		20	83	85	\$139	623,817	SEAL CRACKS
12TH AVE	STROUD AVE	KLEPPER ST	12TH	0600	1,330	36	47,880	R	AC		62	73	76	\$269	787,886	SEAL CRACKS
14TH AVE	VENTURA AVE	STROUD AVE E	14TH	0400	1,499	45	67,455	R	AC		90	82	84	\$235	632,801	SEAL CRACKS
14TH AVE	AZALEA ST	NORTH END	14TH	0600	507	33	16,731	R	AC		80	76	78	\$85	603,515	SEAL CRACKS
14TH AVE	KLEPPER ST	HOWARD ST	14TH	0800	620	54	33,480	R	AC		66	72	75	\$194	567,058	SEAL CRACKS
15TH AVE	KLEPPER ST	HOWARD ST	15TH	0600	459	36	16,524	R	AC		40	88	88	\$37	528,868	SEAL CRACKS
16TH AVE	HEMMA ST	NORTH END	16TH	0500	196	33	6,468	R	AC		66	72	75	\$38	566,084	SEAL CRACKS
17TH AVE	KLEPPER ST	HOWARD ST	17TH	0300	460	34	15,640	R	AC		65	71	74	\$95	555,340	SEAL CRACKS
18TH AVE	105' S/O KAMM AVE	160' N/O SOLIG ST	18TH	0800	910	38	34,580	A	AC		23	81	82	\$134	939,376	SEAL CRACKS
19TH AVE	PLUMAS ST	SIERRA ST	19TH	0200	918	34	31,212	R	AC		79	75	77	\$164	596,366	SEAL CRACKS
20TH AVE	WINTER ST	WINDSOR DR	20TH	0300	306	38	11,628	R	AC		64	70	73	\$73	539,878	SEAL CRACKS
20TH AVE	STROUD AVE EAST	NORTH END	20TH	0500	711	37	26,307	R	AC		90	82	84	\$92	632,843	SEAL CRACKS
20TH AVE	NELSON WAY	KLEPPER ST	20TH	0600	516	37	19,092	R	AC		79	75	77	\$100	596,559	SEAL CRACKS
21ST AVE	SOPHIA LN	KLEPPER ST	21ST	0500	308	37	11,396	R	AC		90	82	84	\$40	632,801	SEAL CRACKS
21ST AVE	KLEPPER ST	SKANSEN ST	21ST	0600	315	37	11,655	R	AC		63	74	76	\$65	801,873	SEAL CRACKS
22ND AVE	SKANSEN ST	HOWARD ST	22ND	0600	279	37	10,323	R	AC		62	73	76	\$58	787,150	SEAL CRACKS
22ND CT	SOLIG ST	END	22ND CT	0100	207	32	6,624	R	AC		86	80	82	\$27	633,013	SEAL CRACKS
24TH AVE	STROUD AVE E	SOPHIA LN	24TH	0200	949	37	35,113	R	AC		64	71	73	\$217	542,514	SEAL CRACKS
7TH AVE	MARIPOSA ST	PLUMAS ST	7TH	0200	893	37	33,041	R	AC		62	73	76	\$185	789,478	SEAL CRACKS

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
AVENUE B	MEADOW LN WEST	SIERRA ST	AVE B	0100	552	37	20,424	R	AC		81	77	79	\$100	612,531	SEAL CRACKS
AVENUE D	MEADOW LANE WEST	FOREST ST WEST	AVE D	0300	271	37	10,027	R	AC		67	73	76	\$56	578,422	SEAL CRACKS
AVENUE F	SUNSET ST	MEADOW ST	AVE F	0300	250	37	9,250	R	AC		80	76	78	\$47	603,515	SEAL CRACKS
BETHEL AVE SOUTH	CLARKSON AVE	1500' N/O CLARKSON AVE	BETHEL S	0600	1,500	25	37,500	C	AC		59	82	83	\$121	905,477	SEAL CRACKS
BRATTON CT	AVE B	EAST END	BRATTON C	0100	943	45	42,435	R	AC		88	81	83	\$160	634,714	SEAL CRACKS
CALIFORNIA ST	EARL ST	DRAPER ST	CALIFORNIA	0100	1,011	49	49,539	R	AC		90	82	84	\$172	632,696	SEAL CRACKS
CALIFORNIA ST	DRAPER ST	ELLIS ST	CALIFORNIA	0200	621	40	24,840	R	AC		90	82	84	\$86	632,696	SEAL CRACKS
CARDINAL LN	KERN ST	LAKE ST	CARDINAL	0100	488	37	18,056	R	AC		80	76	78	\$91	604,382	SEAL CRACKS
CAROLYN ST	23RD AVE	22ND AVE	CAROLYN	0200	286	37	10,582	R	AC		67	73	76	\$60	577,434	SEAL CRACKS
CHURCH ST	LEWIS ST	DRAPER ST	CHURCH	0100	446	60	26,760	R	AC		15	88	88	\$59	528,868	SEAL CRACKS
CRUM CT	MORGAN DR	EAST END	CRUM CT	0100	349	45	15,705	R	AC		88	81	83	\$60	634,714	SEAL CRACKS
DIANE AVE	KERN WEST	NEVADA WEST	DIANE	0100	651	37	24,087	R	AC		79	75	77	\$126	596,655	SEAL CRACKS
ELLIS ST	FRONTAGE RD	SIMPSON ST	ELLIS	0100	228	42	9,576	R	AC		17	83	85	\$31	623,817	SEAL CRACKS
ERLING WAY	20TH AVE	22ND AVE	ERLING	0100	498	37	18,426	R	AC		90	82	84	\$65	632,843	SEAL CRACKS
FOREST DR	RAFER JOHNSON DR	CARDINAL ST	FOREST	0200	402	37	14,874	R	AC		41	88	88	\$33	528,868	SEAL CRACKS
KAMM AVE	830' E/O CULVERT	1734' E/O CULVERT	KAMM	0400	904	38	34,352	A	AC		93	79	81	\$150	923,276	SEAL CRACKS
KAMM AVE	ACADEMY AVE	14TH AVE	KAMM	0600	1,206	42	50,652	C	AC		76	82	83	\$163	905,477	SEAL CRACKS
KERN ST	10TH AVE	240' E/O 10TH AVE	KERN	0100	240	67	16,080	R	AC		79	75	77	\$85	596,366	SEAL CRACKS
KERN ST	CARDINAL LN	6TH AVE	KERN	0400	946	31	29,326	R	AC		29	88	88	\$65	528,868	SEAL CRACKS
KERN ST	CARDINAL LAN	MORGAN DR	KERN	0500	916	43	39,388	R	AC		79	75	77	\$206	596,655	SEAL CRACKS
KLEPPER ST	14TH AVE	18TH AVE	KLEPPER	0200	1,261	33	41,613	R	AC		34	88	88	\$92	528,868	SEAL CRACKS
KLEPPER ST	18TH AVE	21ST AVE	KLEPPER	0300	952	37	35,224	R	AC		80	76	78	\$178	603,128	SEAL CRACKS
LAKE ST	W END	8TH AVE	LAKE	0300	425	36	15,300	R	AC		7	88	88	\$34	528,868	SEAL CRACKS
LEWIS ST	KERN ST	END N	LEWIS	0100	573	36	20,628	R	AC		22	88	88	\$46	528,868	SEAL CRACKS
LINDQUIST ST	18TH AVE	21ST AVE	LINDQUIST	0100	1,140	28	31,920	R	AC		89	82	83	\$116	633,820	SEAL CRACKS
LINDQUIST ST	WEST END	AVE E	LINDQUIST	0300	823	37	30,451	R	AC		63	70	73	\$193	534,590	SEAL CRACKS
LINDQUIST ST	RAFER JOHNSON DR	AVE A	LINDQUIST	0400	833	37	30,821	R	AC		78	74	76	\$167	586,823	SEAL CRACKS
LINDQUIST ST	AVE D	AVE A	LINDQUIST W	0100	526	37	19,462	R	AC		79	75	77	\$102	596,665	SEAL CRACKS
LINGONBERRY ST	MADSEN AVE	25TH AVE	LINGONBER R	0100	375	37	13,875	R	AC		74	71	73	\$86	542,382	SEAL CRACKS
LUNGREN CT	VENTURA ST	NORTH END	LUNGREN	0100	225	45	10,125	R	AC		90	82	84	\$36	632,767	SEAL CRACKS
MARIPOSA ST	MORGAN DR	E END	MARIPOSA	0200	482	37	17,834	R	AC		78	74	76	\$97	586,823	SEAL CRACKS

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 05/07/2019
Scenario: S3: Improve PCI to 70

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
MARIPOSA ST	RAFER JOHNSON DR	6TH AVE	MARIPOSA	0300	1,284	37	47,508	R	AC		67	73	76	\$266	577,773	SEAL CRACKS
MARIPOSA ST	6TH AVE	8TH AVE	MARIPOSA	0350	706	37	26,122	R	AC		31	88	88	\$58	528,868	SEAL CRACKS
MEADOW LN	SUNSET ST	6TH AVE	MEADOW	0300	772	37	28,564	R	AC		89	82	83	\$103	633,648	SEAL CRACKS
MEADOW LN WEST	AVE A	AVE D	MEADOW W	0100	870	37	32,190	R	AC		79	75	77	\$168	596,655	SEAL CRACKS
MORGAN DR	LINDQUIST ST WEST	KERN ST	MORGAN	0100	1,159	37	42,883	R	AC		78	74	76	\$232	586,823	SEAL CRACKS
NEVADA ST WEST	AVE D	BETHEL AVE SOUTH	NEVADA W	0100	1,227	37	45,399	R	AC		74	71	73	\$280	543,381	SEAL CRACKS
ORANGE ST WEST	AVE D	BETHEL AVE SOUTH	ORANGE W	0100	996	37	36,852	R	AC		78	74	76	\$200	586,823	SEAL CRACKS
QUINCY ST	6TH AVENUE	END E	QUINCY	0100	570	36	20,520	R	AC		64	71	73	\$127	544,381	SEAL CRACKS
RIVERSIDE ST	18TH AVE	21ST AVE	RIVERSIDE	0100	1,140	28	31,920	R	AC		91	83	84	\$108	627,969	SEAL CRACKS
RIVERSIDE ST	21ST AVE	END E	RIVERSIDE	0200	425	37	15,725	R	AC		39	88	88	\$35	528,868	SEAL CRACKS
ROOSEVELT ST	12TH AVE	14TH AVE	ROOSEVELT	0200	606	36	21,816	R	AC		62	73	76	\$122	789,478	SEAL CRACKS
SILVERBROOKE ST	ACADEMY AVE	14TH AVE	SILVERBRKE	0050	1,152	36	41,472	R	AC		67	73	76	\$233	577,453	SEAL CRACKS
SKYLE AVE	10TH AVE	11TH CT	SKYLE	0100	465	36	16,740	R	AC		67	73	76	\$95	577,200	SEAL CRACKS
SMITH ST	DRAPER ST	ELLIS ST	SMITH	0300	431	72	31,032	R	AC		66	73	75	\$179	570,504	SEAL CRACKS
SOLIG ST	18TH AVE	17TH AVE	SOLIG	0200	295	37	10,915	R	AC		74	71	73	\$68	543,171	SEAL CRACKS
STROUD AVE E	20TH AVE	22ND AVE	STROUD E	0700	810	37	29,970	C	AC		76	82	83	\$96	905,477	SEAL CRACKS
SUNSET ST	RAFER JOHNSON DR	6TH AVE	SUNSET ST	0200	1,280	37	47,360	R	AC		89	82	83	\$171	633,648	SEAL CRACKS
SUNSET ST WEST	WEST END	AVE D	SUNSET W	0100	933	37	34,521	R	AC		74	71	73	\$213	543,381	SEAL CRACKS
WILSON WAY	14TH AVE	15TH AVE	WILSON	0100	304	37	11,248	R	AC		74	71	73	\$70	542,961	SEAL CRACKS
WINTER ST	14TH AVE	END E	WINTER	0100	1,073	34	36,482	R	AC		67	73	76	\$205	577,434	SEAL CRACKS
WINTER ST	18TH AVE	19TH AVE	WINTER	0200	395	38	15,010	R	AC		74	71	73	\$93	542,961	SEAL CRACKS
											Treatment Total		\$8,811			
Year 2028 Area Total									3,090,656		Year 2028 Total		\$1,699,804			
Total Section Area:									22,111,170		Grand Total		\$16,981,808			

Appendix G

GIS Maps



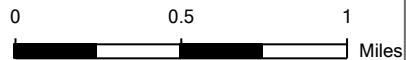
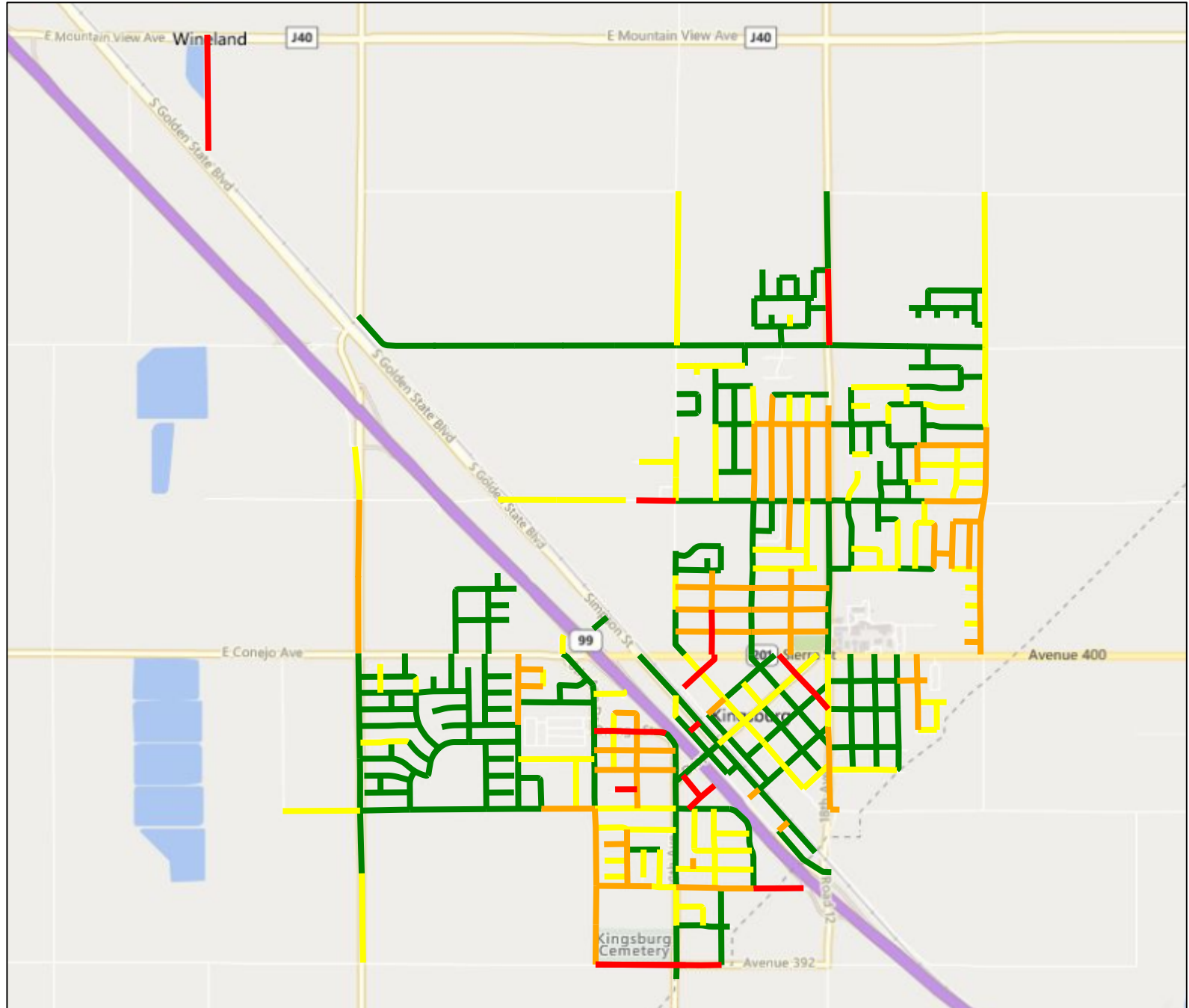
City of Kingsburg
401 Draper Street
Kingsburg, CA 93631

Current PCI Condition

Printed: 5/8/2019

Feature Legend

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





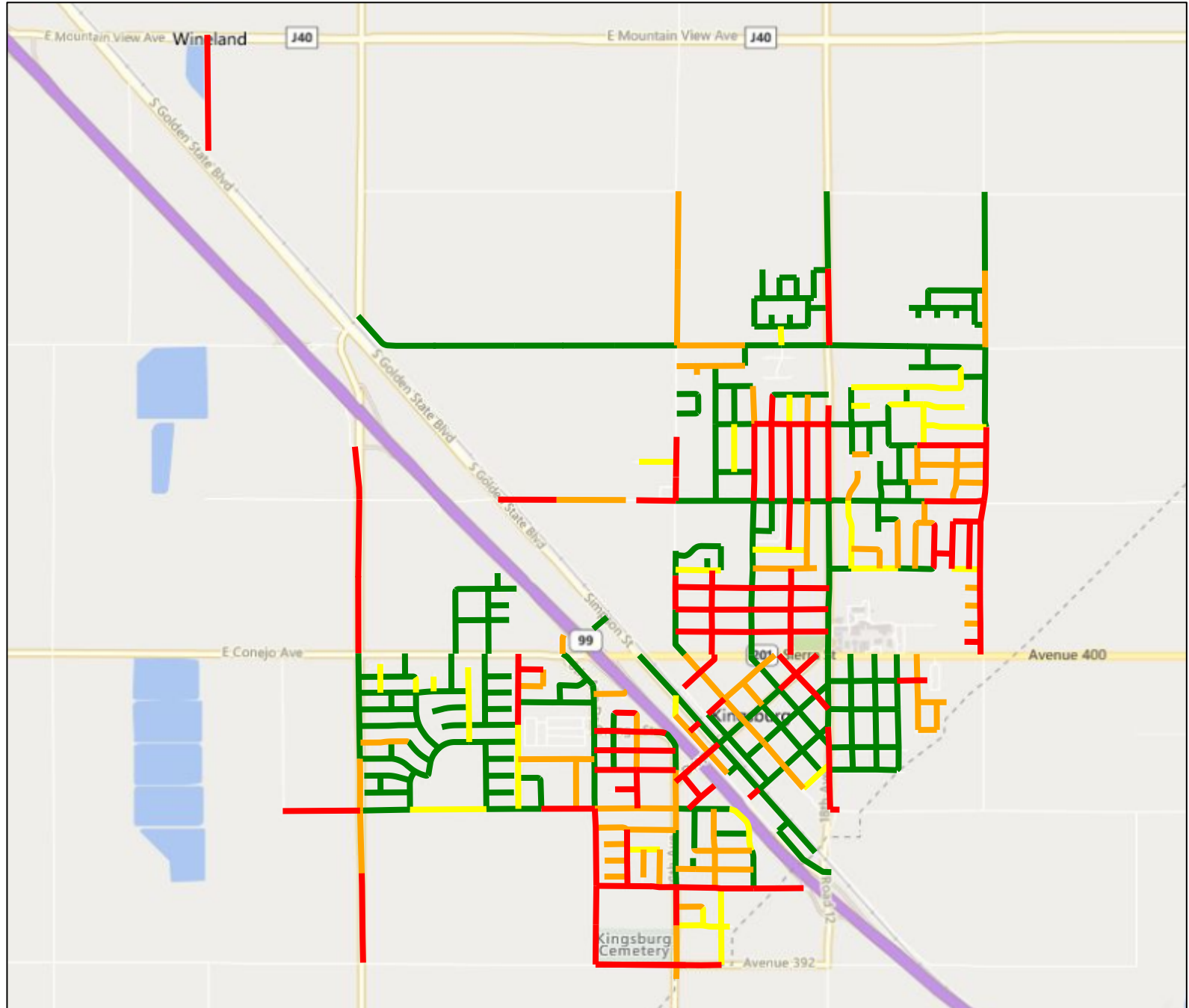
City of Kingsburg
401 Draper Street
Kingsburg, CA 93631

Scenario 1 PCI Condition

City's Existing Budget of \$400k/Year - 2028 Projected PCI is 50 - Printed: 5/8/2019

Feature Legend

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





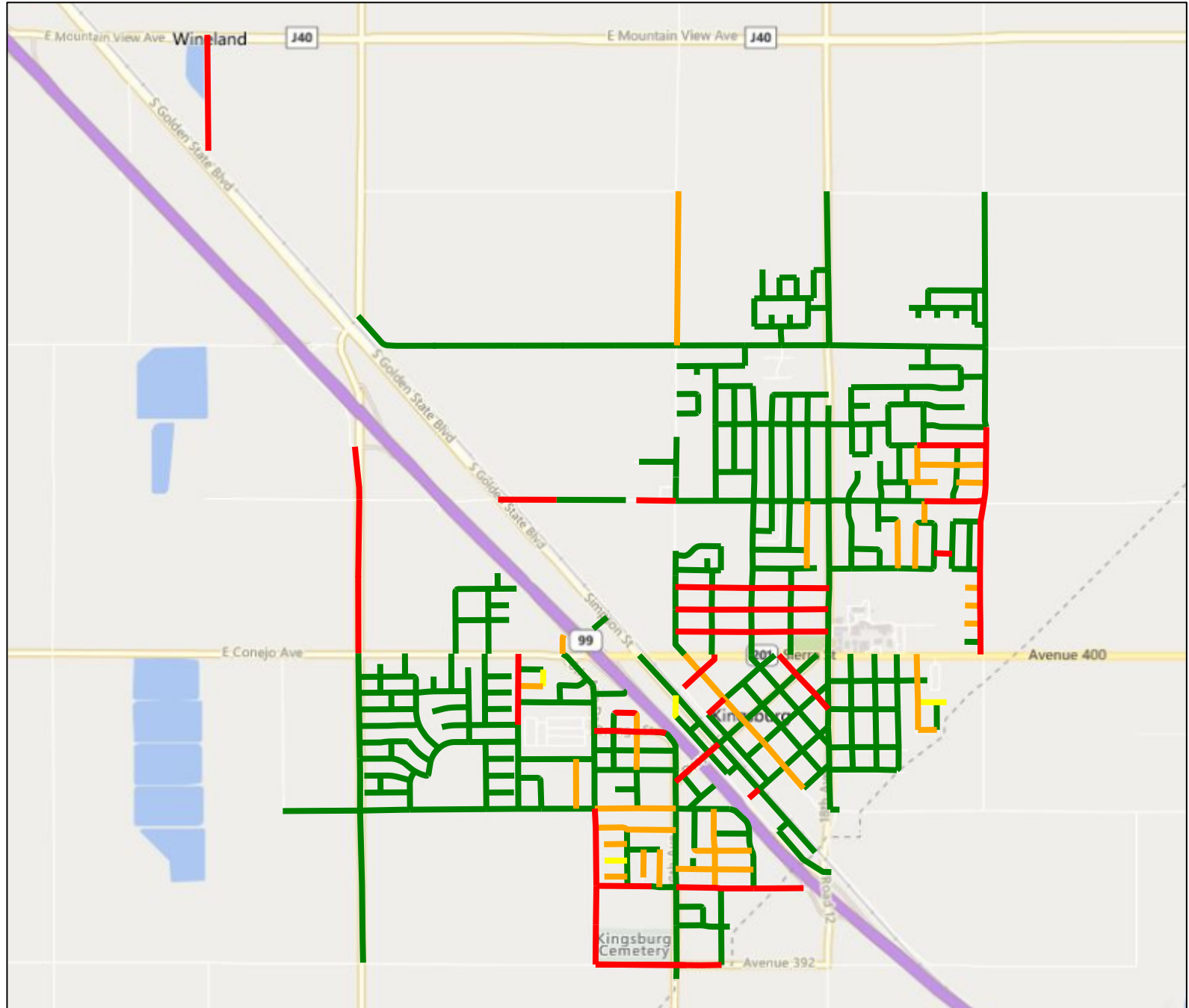
City of Kingsburg
401 Draper Street
Kingsburg, CA 93631

Scenario 2 PCI Condition

Maintain Current PCI at 66 - 2028 Projected PCI is 66 - Printed: 5/8/2019

Feature Legend

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





City of Kingsburg
401 Draper Street
Kingsburg, CA 93631

Scenario 3 PCI Condition

Improve PCI to 70 - 2028 Projected PCI is 70 - Printed: 5/8/2019

Feature Legend

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

