



MTC P-TAP Round 20

Final Report for City of Sonoma, California

Submitted to:
City of Sonoma
No. 1 The Plaza
Sonoma, California 95476-6618

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Date: February 17, 2020

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Executive Summary

Fugro was contracted by the Metropolitan Transportation Commission (MTC) of the San Francisco Bay Area for their Pavement Management Technical Assistant Program (P-TAP), Round 20 to provide an update to the City of Sonoma's Pavement Management Program (PMP). This Final Report provides information with regards to network level pavement repair options, budget analysis with annual and multi-year programming, impact of varying levels of budgets, and cost-effective pavement repair recommendations. The primary purpose of this report is to assist jurisdictions to update their Maintenance & Rehabilitation (M&R) programs utilizing the StreetSaver Pavement Management System (PMS).

The City of Sonoma (City) has a StreetSaver pavement management system (PMS) consisting of approximately 34 centerline miles of paved roadways. Prior to data collection, Fugro provided a Quality Management Report (QMR) to the City. The QMR detailed all quality assurance/quality control (QA/QC) steps taken by Fugro to ensure high quality pavement distress data for analysis and reporting. The City's approved QMR is presented in Appendix A of this Final Report. In July 2019, Fugro conducted distress surveys for the network using the modified ASTM D6433 (MTC StreetSaver distresses) standard. The distress data was entered into StreetSaver to calculate the Pavement Condition Index (PCI) for each section as well as the overall network. The PCI is an index ranging from 0 (very poor pavement) to 100 (new pavement). The overall network PCI from the last P-TAP inspection was 74 (as of October 14, 2017). The overall network PCI after Fugro's recent inspection was 72 (as of July 25, 2019).

After data collection, Fugro developed a Budget Options Report (BOR) for the City. The BOR documented the City's budget assumptions, interest and inflation rates, assessed decision trees, and unit costs updates and provided a multi-year network level M&R work plan.

After discussions with the City, Fugro developed several "what-if" analyses using StreetSaver's budget scenario module. This allowed us to evaluate the impacts of various budget scenarios on PCI, deferred maintenance (unfunded backlog), and average remaining service life of the network. The following scenarios were evaluated and presented:

- Scenario 1: No Funds (Do Nothing)
- Scenario 2: Expected Annual Budget
- Scenario 3: Maintain Current PCI
- Scenario 4: Improve PCI by 5
- Scenario 5: Budget Needs Average

For the City's current level of investment (i.e., Scenario 2), the City has indicated that the expected budget will be \$500,000 for each year (25% is preventive maintenance) for a total of \$2.5 million over five years. The results showed that by 2024 the deferred maintenance would increase from \$7.1 million to \$10.2 million and the overall PCI would decrease to 69.

Fugro recommended the City invest in maintaining its current PCI (i.e., Scenario 3) of 72. The budgets would be the following:

- Year 1 - \$500,000
- Year 2 - \$725,000
- Year 3 - \$725,000
- Year 4 - \$900,000
- Year 5 - \$1,000,000
- Total for five years - \$3,850,000

This scenario aimed to ensure that the overall pavement network PCI did not drop below the current PCI of 72 and slowed the growth of the deferred maintenance over the next five years. A total of \$3.85 million would be required; of which 75% would be allocated to rehabilitation treatments. The deferred maintenance would increase from \$7.1 million to \$9.2 million in 2024.

Fugro also recommended that the City fully fund its preventive maintenance program. The City's pavement maintenance strategies include slurry and crack seals. Since a large percentage of pavements are in "Good" to "Very Good" condition, it is important to preserve these pavements. For preventive maintenance, the City should continue to utilize cost effective treatments where appropriate such as slurry seals and crack seals. Crack sealing is relatively inexpensive and can keep moisture out of pavements and prevent the underlying aggregate base from premature failures. Life-extending surface seals such as slurry seals are also cost-effective for pavements currently in "Good" to "Very Good" condition. As MTC has stated preventive maintenance is where the City will get the most from its money.

Background

In July 2019, Fugro performed pavement condition distress surveys for the City’s entire network based on MTC’s distress definitions and descriptions published in “Pavement Condition Index Distress Identification Manual for Flexible Pavements,” 4th Edition, March 2016, and the “Pavement Condition Index Distress Identification Manual for Rigid Pavements,” 3rd Edition, March 2016. The City maintains approximately 33.85 centerline miles of paved roadways. Table 1 shows the breakdown of the entire network by functional class.

Table 1. Network Summary Statistics.

Functional Class	Sections	Center Miles	Lane Miles	Total Area (square feet)	% of the Entire Network (by Pavement Area)
Arterial	34	5.13	10.81	1,060,472	17.5%
Collector	48	6.51	13.02	1,180,217	19.5%
Residential/Local	218	22.21	44.48	3,807,281	63.0%
Total	300	33.85	68.31	6,047,970	100.0%

The City uses a software called StreetSaver (www.streetsaver.com) developed by MTC to inventory streets, assess and forecast pavement condition, record M&R activities, evaluate budget needs, evaluate impacts of funding on network wide pavement condition overtime. This software is used to update the City’s Pavement Management Program (PMP) periodically.

Pavement Management Program (PMP)

Pavement structures represent one of the largest capital investments for any jurisdiction. Maintaining and operating pavements on a citywide system involves complex decisions about how and when to resurface or apply treatments to keep the pavement performance and operating costs at reasonable levels.

A properly designed pavement management program provides managers of a pavement network the tools necessary for making consistent, cost-effective, and defensible decisions to preserve their pavement network. The timing of pavement maintenance is critical, as the maintenance cost increases exponentially with time. A pavement management program can be utilized to conduct “responsive” preventive maintenance to maintain a reasonable level of service (i.e., road quality) at all times. There has been extensive research in the area of pavement management since the 1970’s. Some of the research findings are:

- Pavement Deterioration – Pavements tend to deteriorate very slowly during the first few years after placement and very rapidly when they are aged. Even though pavement designs and materials varied widely, the deterioration of pavements follow a standard curve as shown in Figure 1. Pavement Condition Index (PCI) is an index that is “100” for a brand new pavement with no distress and reduces to “0” for a pavement that has failed.
- Costly Maintenance Practices – Typically, state and local governments invest more funds for maintaining pavements than for any other public purpose. While much of this is due to the high

cost of repairs and heavy usage of the public pavements, there is strong evidence that some of the high operating costs originate from inappropriate or poorly timed maintenance decisions.

- Preserve vs. Reconstruct – Successive years of collecting pavement condition data shows that it is far more economical to preserve roads than to delay repairs and reconstruct roads. In addition, as traffic levels increases the costs of delaying repair work increases greatly. Typically, the cost of maintenance is 10-15% of the expected cost to repair the ultimate failure that will occur without the application of maintenance activities. For example, national data indicate that every \$1 spent on maintaining the pavement surface saves \$5 on major rehabilitation that will be required if the maintenance activities are not conducted.

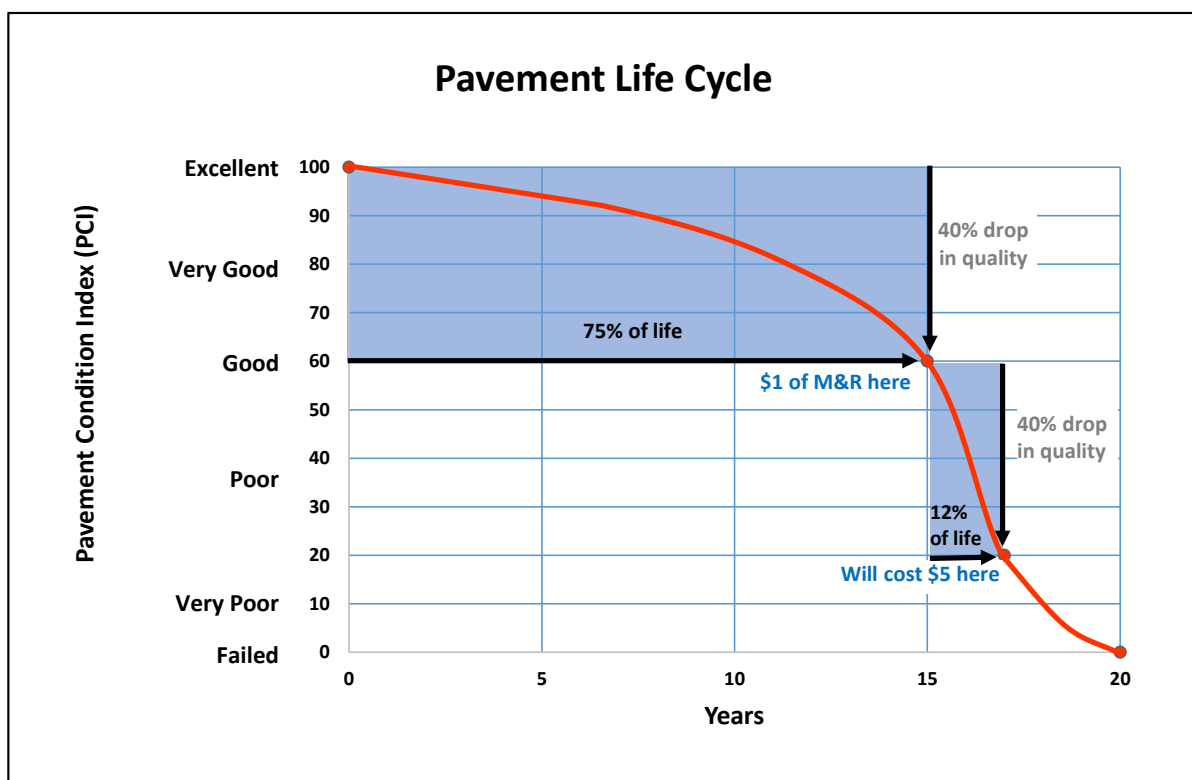


Figure 1. Effect of Treatment Timing on Costs.

Network Level Analysis

This final report examines the overall PCI condition of the entire network and provides recommendations to improving the current network level PCI. These recommendations are developed by conducting various budget and/or target driven scenarios. By varying the budget amounts available for pavement M&R, the impact of the different funding strategies can be shown on the City's network overtime (i.e., 5 years). Although this report will provide a 5 year street and road repair program, the PMP should be reassessed on an annual basis due to unforeseen funding events.

In addition, recommendations provided in this report are for network level budgeting and planning purposes. The treatments that are assigned to sections of the City network are based on a decision tree.

When a project has been selected by the City, engineering judgment and project level analysis should be applied to ensure that the treatment is appropriate and cost effective for the section. This can include revisiting and reevaluating the visual distress ratings, coring and deflectometer tests to establish underlying structural problems, etc.

Terminology

Pavement Condition Index or PCI is a measurement of the pavement network condition and ranges from 0 – 100. A newly constructed street would have a PCI of 100, while a failed street would have a PCI of 25 or less. The PCI is calculated based on pavement distresses identified in the field from a visual survey as per MTC’s most current distress manuals.

Unit costs in StreetSaver are the treatment cost per linear foot or square yard. As a minimum the unit cost should be based on local and regional bids. In addition, the unit cost should take into account items such as material costs, labor costs to do repair, rental equipment cost related to the project, pavement striping costs, repair of curbs and gutters, staff costs, project design costs, construction engineering costs, mobilization costs, etc.

Decision tree in StreetSaver lists all the treatments and corresponding unit costs that are utilized by the jurisdiction. It also assigns an appropriate M&R strategy to a section based on its functional classification, surface type, and condition category. It is important to utilize the City’s or regional information to match the City’s repair strategies.

Deferred maintenance or unfunded backlog consists of pavement maintenance that is needed, but it cannot be performed due to lack of funding. Shrinking budgets have forced many agencies to defer much needed street maintenance.

Preventive maintenance program is a schedule of cost-effective planned maintenance actions aimed at the prevention of failure of the City’s network. The purpose of preventive maintenance is to extend the service life of a street by detecting, precluding and mitigating any degradation of a street section. If preventive maintenance work is done correctly and in a timely manner, the service life of a street can be greatly extended. In StreetSaver, preventive maintenance primarily includes surface treatments such as slurry seals, chip seals or crack seals that are applied to pavements in “Good” condition or above. This strategy focuses on cost effective treatments on good roads to maintain their condition and serviceability throughout their lifespan.

Pavement Condition

Network Replacement Value

It is important to consider the overall investment the City has in its pavements. The cost to reconstruct all streets (full replacement of the pavement, base, and structure of the streets) is over \$72.2 million.

Historical Network PCI

Figure 2 shows the overall network PCI between 2010 and 2019. The PCI values are a combination of field inspected values from surveys and values from the StreetSaver modeling. Figure 2 shows that the average network PCI for the City has fluctuated between 68 and 75 from 2010 to 2019. In addition, the Sonoma County average PCI is also shown.

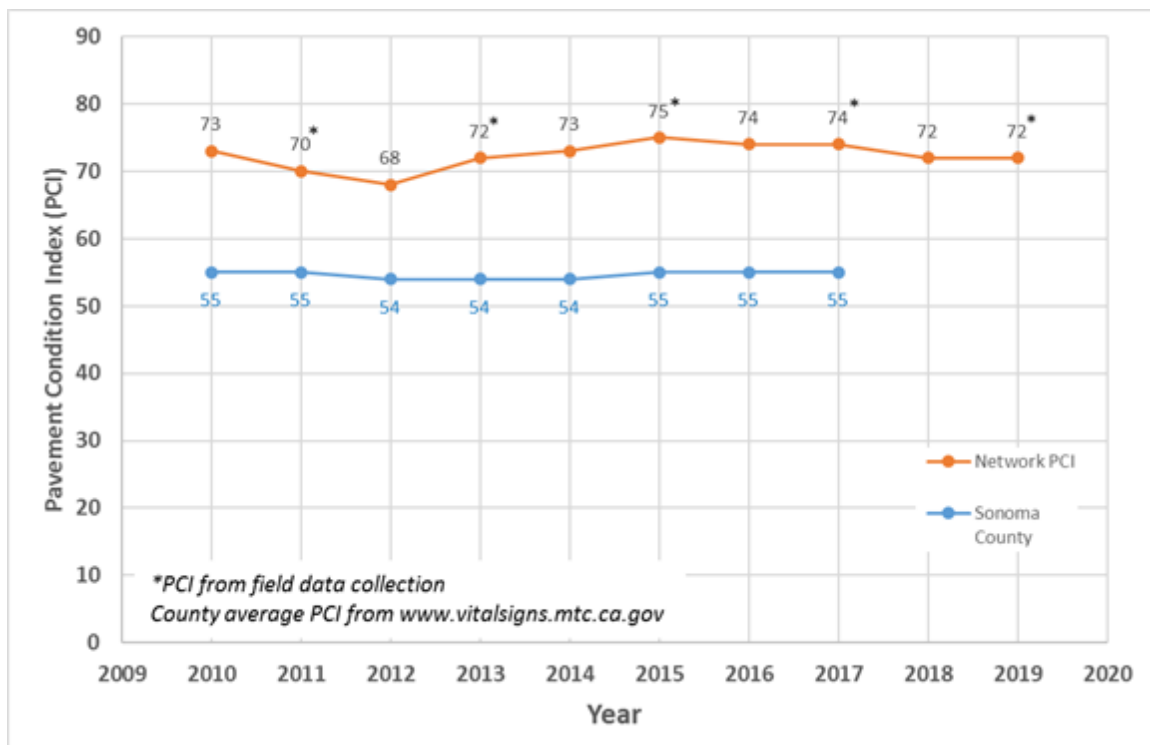
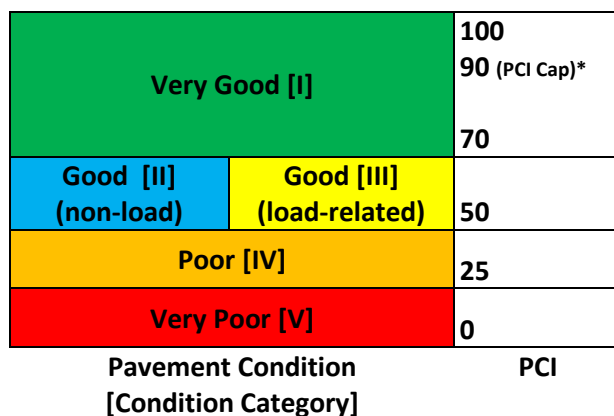


Figure 2. Historical Network PCI from 2010 to 2019.

Current Overall Network PCI

The overall network PCI is 72 as of July 25, 2019. Appendix B provides the section inventory as well as the PCI for each section. Please note that these values are projected and area-weighted calculations from StreetSaver. Figure 3 shows the five pavement condition categories and PCI breakpoints, which are critical decision points at which different treatments would be applied to the pavement sections by functional class and surface types.



*Above PCI of 90, no M&R is recommended.

Figure 3. Pavement Condition Categories by PCI.

Table 2 shows the City’s PCI per functional class. The overall network PCI is in the MTC designated “Very Good” pavement condition. All functional classes are in the MTC designated “Very Good” pavement condition as well.

Table 2. PCI per Functional Class.

Functional Class	Sections	Centerline Miles	Lane Miles	PCI ^[1]	Pavement Condition
Arterial	34	5.13	10.81	74	Very Good
Collector	48	6.51	13.02	76	Very Good
Residential	218	22.21	44.48	70	Very Good
Total	300	33.85	68.31	72	Very Good

^[1] As of 7/25/2019.

Figure 4 shows the centerline miles by pavement condition. Around 65% of the centerline miles are “Excellent” or “Very Good” pavement condition categories (between PCI 100-70), 23% of the centerline miles are in the “Good” pavement condition category (between PCI 69-50), and 12% of the centerline miles are in the “Poor” or “Very Poor/Failed” pavement condition categories (between PCI 49-0).

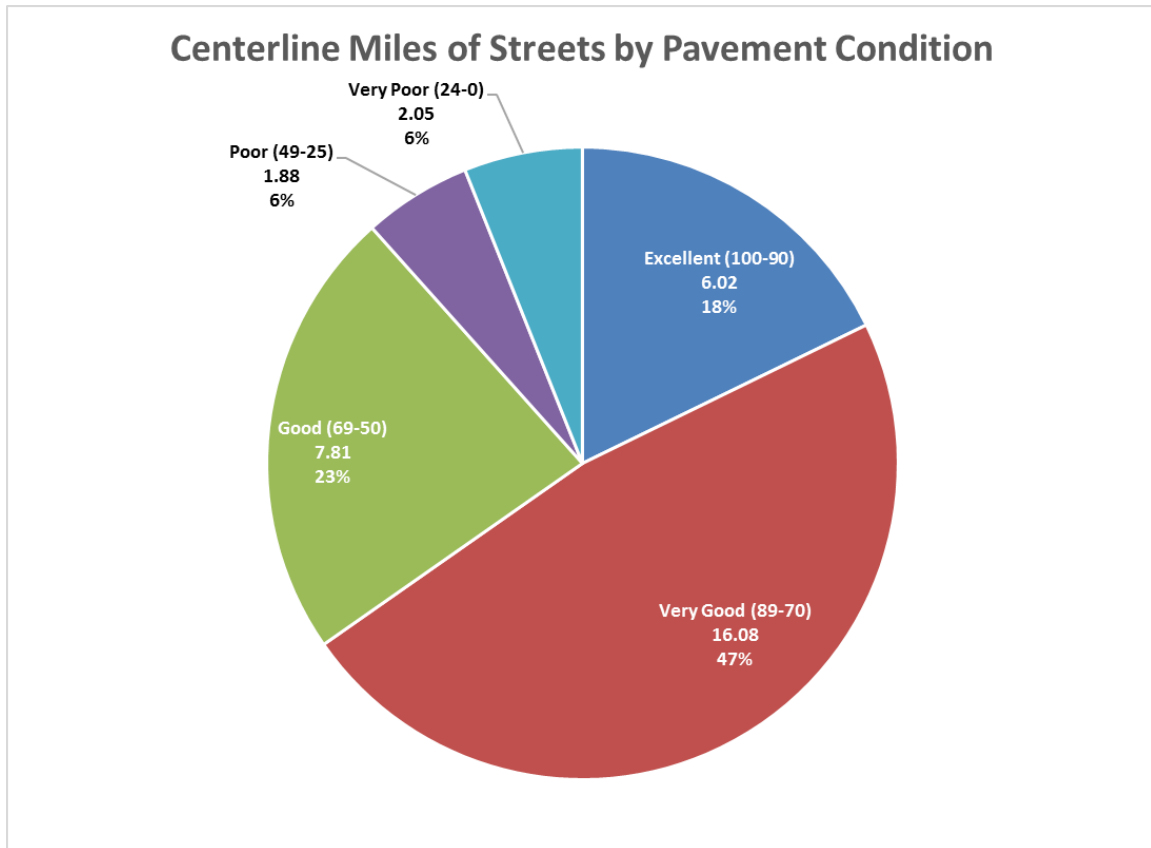


Figure 4. Centerline Miles of Streets by Pavement Condition.

Budget Needs

Maintenance Strategies

Table 3 shows the City’s maintenance strategy for arterials as shown in its decision tree. Surface treatments, such as crack and slurry seals, have usually been utilized as a preventive maintenance technique when the pavements are in “Very Good” condition or above. As the pavement condition deteriorates, asphalt concrete (AC) overlays are applied. For pavements in very poor condition, reconstruction is considered. The City’s decision trees for each functional class are provided in Appendix C.

Table 3. Maintenance Strategy for Arterial Functional Class.

Pavement Condition	PCI Range	Typical Maintenance Treatment
Excellent	100-90	Do Nothing
Very Good	89-70	Seal Cracks, Slurry Seal
Good	69-50	Crack Seal and Slurry Seal, Edge Grind & 2 Inch Overlay with Fabric
Poor	49-25	3 Inch Overlay with Fabric and 33% Digout
Very Poor	0-24	Reconstruct Structure (AC)

Budget Needs Analysis (Unconstrained)

Based on the City’s M&R decision tree and the PCIs of the sections, StreetSaver selected a maintenance or rehabilitation action and computed the total costs over a period of five years. The budget needs analysis represents the "ideal world" or unconstrained funding levels. An interest rate of 3% and an inflation factor of 3% were used to project the costs for the next five years. The summary results from the analysis are shown in Table 4 and the details are presented in Appendix D.

Table 4. Budget Needs Project PCI and Cost Summary.

	Year					Total Cost
	2020	2021	2022	2023	2024	
PCI Treated	84	84	85	84	84	
PCI Untreated	71	69	67	65	63	
Preventive Cost	\$542,933	\$130,488	\$241,324	\$76,104	\$161,172	\$1,152,021
Rehab Cost	\$7,058,541	\$1,823,183	\$1,995,568	\$507,551	\$1,063,104	\$12,447,947
Total Cost	\$7,601,474	\$1,953,671	\$2,236,892	\$583,655	\$1,224,276	\$13,599,968

If the City followed the maintenance and rehabilitation strategies recommended by the program and had unconstrained funding, the average network PCI will increase to 84 by the end of year 2024. If, however, no maintenance or rehabilitation occurred in the next five years, the average network PCI would deteriorate to 63 by the end of year 2024.

With respect to the unconstrained funding, \$13.6 million in maintenance and rehabilitation was needed. Approximately \$1.2 million (9%) was allocated to preventive maintenance treatments while the majority of the funding, \$12.4 million, was allocated to the more costly rehabilitation or reconstruction treatments.

Budget Scenarios & Results

Based on the unconstrained analysis and input from the City, Fugro developed several “what-if” analyses using StreetSaver’s budget scenario module. This allows us to evaluate the impacts of various budget "scenarios" on PCI, deferred maintenance (unfunded backlog), and average remaining service life of the network. The budget scenario analyses have weighting factors that modify the prioritization process in StreetSaver. Arterials are given the highest weighting factor followed by collectors and then residential and locals. Please note that for the scenarios 1) excess rehabilitation funds are added to preventive maintenance funds and 2) stop gap funds are not taken from preventive maintenance funds, and 3) surplus preventive maintenance funds are limited. The following scenarios were evaluated.

Scenario 1: No Funds (Do Nothing)

This scenario shows the overall network PCI over five years if no funds are available and no work is performed. The result shows that by 2024 the deferred maintenance increases from \$7.6 million to \$12.7 million and the overall PCI will decrease to 63 as shown in Figure 5. All detailed reports are provided in Appendix E.

Scenario 2: Expected Annual Budget

The City has indicated that the expected budget will be \$500,000 for each year (25% is preventive maintenance) for a total of \$2.5 million over five years. The result shows that by 2024 the deferred maintenance increase from \$7.1 million to \$10.2 million and the overall PCI will decrease to 69 as shown in Figure 5. All detailed reports are provided in Appendix F.

Scenario 3: Maintain Current PCI

This scenario aims to ensure that the overall pavement network PCI does not drop below the current PCI of 72 over the next five years. A total of \$3.85 million will be required; of which 75% will be allocated to rehabilitation treatments. The deferred maintenance will increase from \$7.1 million to \$9.2 million in 2024 as shown in Figure 5. All detailed reports are provided in Appendix G.

Scenario 4: Improve PCI by 5

This scenario aims to ensure that the overall pavement network PCI will improve 5 points to 77 over five years. A total of \$8 million is required and the deferred maintenance will decrease from \$6.6 million to \$5.9 million in 2024 as shown in Figure 5. All detailed reports are provided in Appendix H.

Scenario 5: Budget Needs Average

This scenario is the Budget Needs total budget of \$11,760,588 equally distributed over five years, i.e., \$2,352,118 per year. The deferred maintenance will decrease from \$4.9 million to \$0.58 million by 2024 and the PCI will increase to 84 as shown in Figure 5. All detailed reports are provided in Appendix I.

Pavement Condition Changes Based on Budget Scenarios

Figure 6 shows what the pavement condition of the City will be in 2024 based on the different budget scenarios. The greatest expenses that the City would foresee are in the “Poor” and “Very Poor” pavement condition categories because these would likely require reconstruction. For the purposes of this discussion, Fugro is highlighting the differences seen in the “Poor” and “Very Poor” pavement condition categories for each scenario.

In Figure 6, if no treatments were performed (i.e., Scenario 1 – No Funds), the “Poor” pavement condition would increase approximately 5% from 4.7% to 10.1% when compared to the current condition. The “Very Poor” pavement condition would increase approximately 3% from 5.5% to 8.2%. For Scenario 2 – Expected Annual Budget, the “Poor” would increase approximately 4% from 4.7% to 8.8%. The “Very Poor” pavement condition would increase approximately 3% from 5.5% to 8.3%. For Scenario 3 – Maintain Current PCI, the “Poor” would increase approximately 2% from 4.7% to 7.0%. The “Very Poor” pavement condition would increase approximately 3% from 5.5% to 8.2%. For Scenario 4 – Increase PCI by 5, the “Poor” would decrease approximately 3% from 4.7% to 2.2%. The “Very Poor” pavement condition would increase approximately 2% from 5.5% to 7.6%. For Scenario 5 – Budget Needs Average, the “Poor” would decrease approximately 4% from 4.7% to 1.2%. The “Very Poor” pavement condition would decrease approximately 5% from 5.5% to 0.7%.

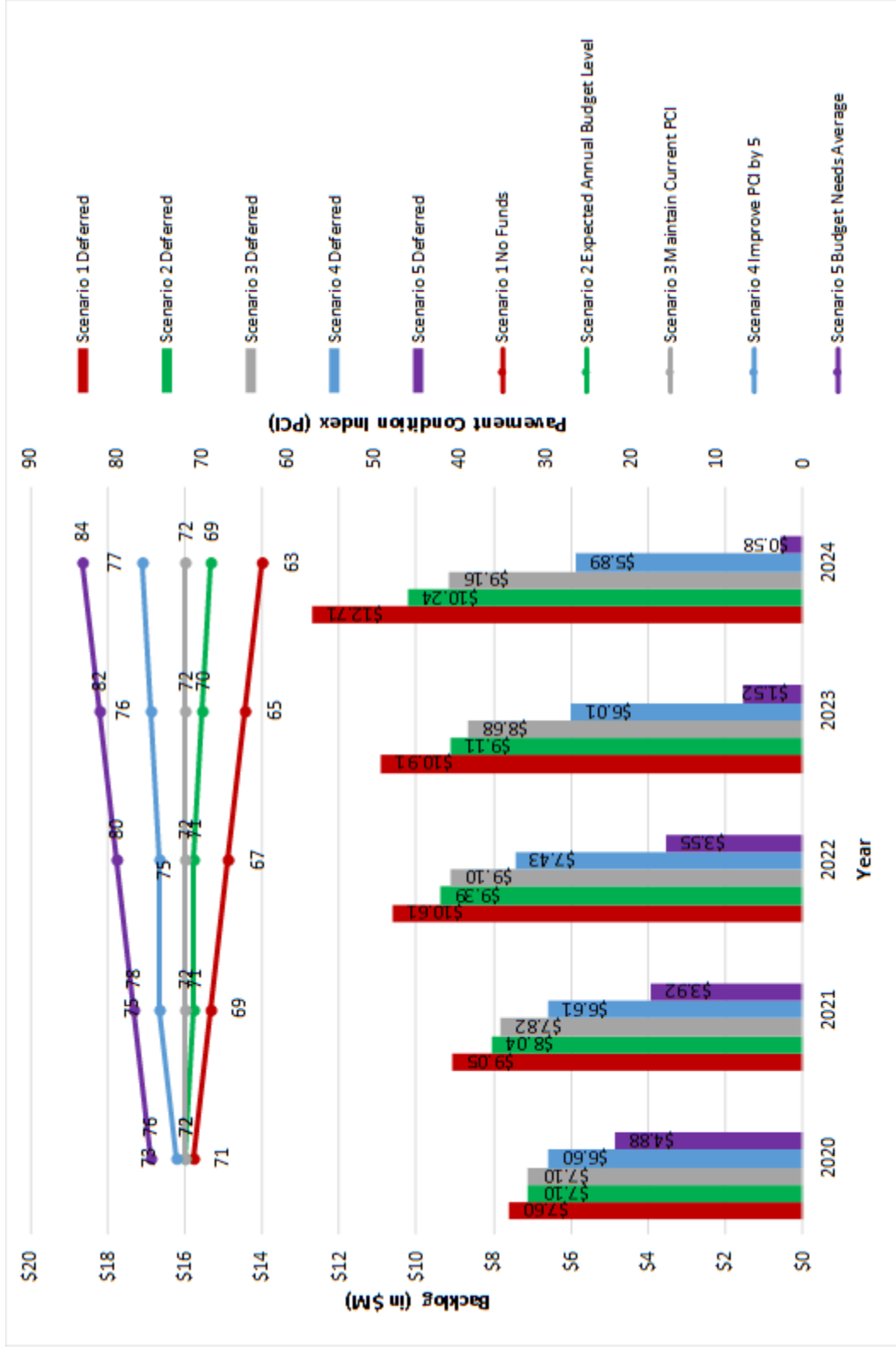


Figure 5. Scenario Breakdown of PCI and Deferred Maintenance for 2020 to 2024.



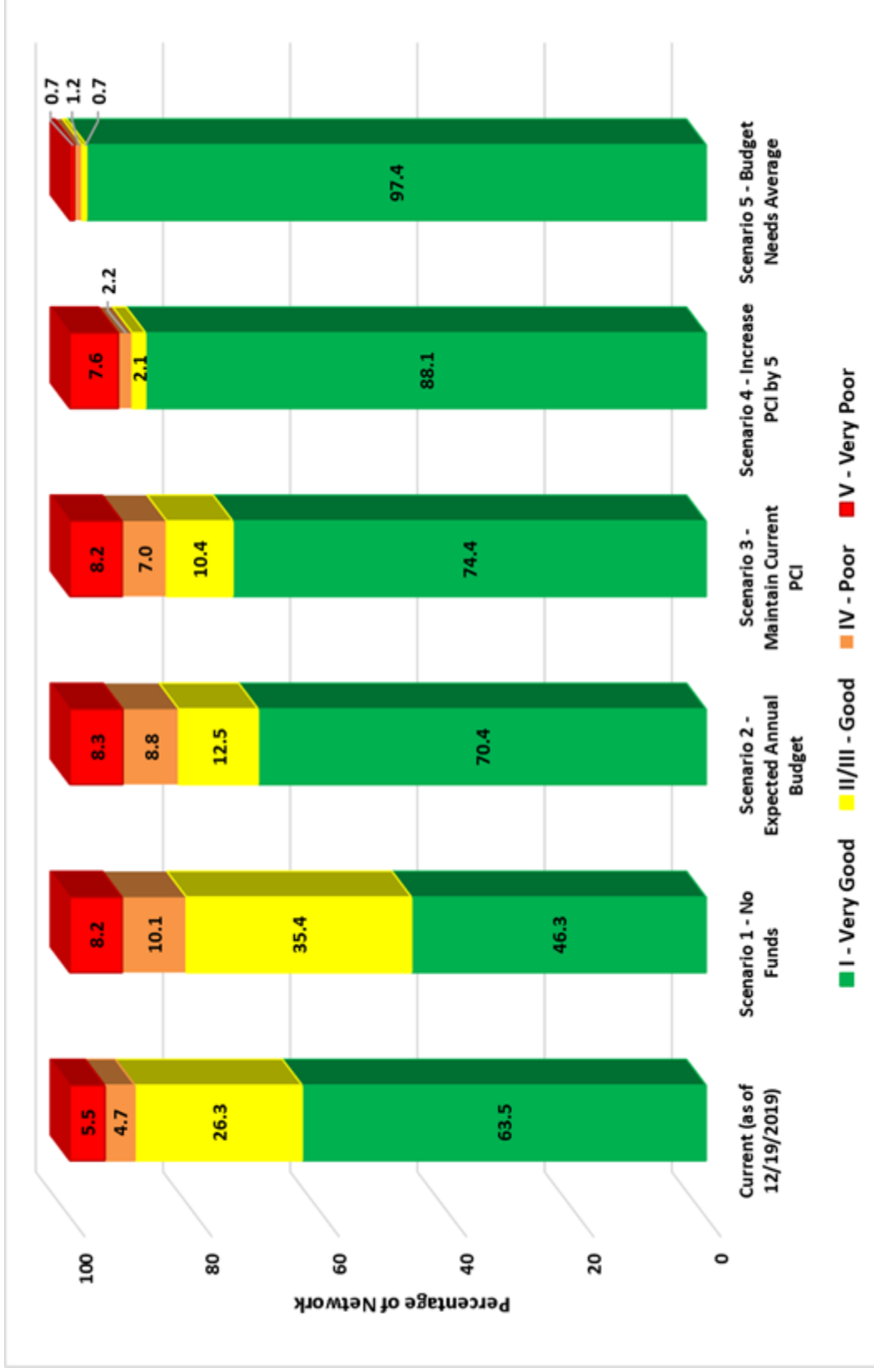


Figure 6. Pavement Condition for Each Scenario in 2024.

PCI Maps

Appendix J presents PCI maps for the following conditions: Current, Scenario 1: No Funds (Do Nothing), Scenario 2: Expected Annual Budget, Scenario 3: Maintain Current PCI, Scenario 4: Improve PCI by 5, and Scenario 5: Budget Needs Average.

Recommendations

The City has a substantial investment of \$72.2 million in their pavement network of 33.85 centerline miles. The City's overall network PCI is 72 (as of 7/25/2019), which is "Very Good" in the MTC pavement condition categories. Approximately 88% of the network is "Excellent", "Very Good" or "Good" and 12% is "Poor" and "Very Poor." The budget needs analysis indicated that the City would have to spend approximately \$13.6 million in M&R over the next five years to basically repair all streets. This is the ideal situation where all streets are in "Very Good" or "Good" condition and just need regular preventive maintenance. For this report, Fugro has evaluated and presented several scenarios for the City to consider.

Budget

Based on the PCI (i.e., 72 and "Very Good" condition) and slowing the growth of the deferred maintenance (unfunded backlog), Fugro recommends Scenario 3 – Maintain Current PCI. This scenario has a total budget of \$3.85 million over five years. The breakdown is \$500,000 for year 1, \$725,000 for years 2 and 3, \$900,000 for year 4, and \$1 million for year 5. There is also 25% preventive maintenance each year. The PCI will remain at 72 and the deferred maintenance will increase from \$7.1 million to \$9.2 million.

Pavement Maintenance Strategies

The City's pavement maintenance strategies include slurry seals and crack seals. Since a large percentage of pavements are in "Good" to "Very Good" condition, it is important to preserve these pavements. For preventive maintenance, the City should continue to utilize cost effective treatments where appropriate such as slurry seals and crack seals. Crack sealing is relatively inexpensive and can keep moisture out of pavements and prevent the underlying aggregate base from premature failures. Life-extending surface seals such as slurry seals are also cost-effective for pavements currently in "Good" to "Very Good" condition. Fugro recommends that the City fully fund its preventive maintenance program. This is necessary to at least maintain the portion of the road network that is in "Very Good" condition and avoid increasing the deferred maintenance. As MTC has stated preventive maintenance is where the City will get the most from its money. If there is a funding shortfall, Fugro recommends that priority be given to arterials before collectors and collectors before residential roads. Fugro also recommends evaluating emerging cost effective techniques like rubberized chip seals, thin-bonded wearing courses and rubberized overlays.

Re-inspection

Fugro recommends that the City continue to maintain its pavement management program to be eligible for grants and state gas tax funding. Per MTC requirements, pavement sections for arterial and collector streets should be re-inspected every two years and residential streets should be re-inspected every five years. The costs for the re-inspection should be included in the annual pavement management budget.

StreetSaver Updates

Fugro has the following recommendations regarding StreetSaver:

- Review and update decision tree M&R strategies annually.
- Review and update decision tree unit costs annually to reflect new construction bid costs and ensure the budget analysis is more accurate. For example, asphalt prices have been volatile in the past. If asphalt prices change drastically, it could affect the number of projects the City can build.
- Update the pavement network when streets are annexed or newly constructed including GIS shape files.
- Enter in M&R activities annually, which will help the City track performance of past treatment strategies to determine their effectiveness.

Appendix A – Approved Quality Management Report (QMR)



MTC P-TAP Round 20

Quality Management Report (QMR) for City of Sonoma, California

Submitted to:
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Executive Summary

Fugro is pleased to provide this Quality Management Report (QMR) to the City of Sonoma as part of its activities under a contract with the Metropolitan Transportation Commission (MTC) of San Francisco Bay Area for their Pavement Management Technical Assistant Program (P-TAP), Round 20. This QMR provides detailed information with regards to all quality assurance/quality control (QA/QC) steps taken by Fugro per the QA/QC plan submitted to the City in June of 2019 and prior to its pavement condition survey and StreetSaver database update.

The City of Sonoma has a StreetSaver pavement management system (PMS) consisting of approximately 33.79 centerline miles of paved roadways. The City's PMS was last inventoried and updated as part of the P-TAP Round 18. Fugro performed the pavement conditions distress surveys in July 2019. The overall network PCI before inspection was 71 on July 21, 2019. The overall PCI after Fugro's inspection was 72.

The City's PMS database consists of information related to its roadway assets including street sections, names, geometrics, pavement types, maintenance & rehabilitation activities, and pavement distress survey data. During the distress survey activities, Fugro performed distress survey inspections on all streets listed on the City's database. A minimum of 10% of the entire street section area was inspected using the MTC representative sampling method for street inspections. All inspections were entered into a handheld device with MobileRater software, which was developed by MTC/StreetSaver. This software allowed Fugro to download the most current City database, collect the proper number of inspection units, and increase the efficiency of the data collection process.

During Fugro's distress survey inspections, Fugro randomly re-inspected at least 5 percent of the sections previously inspected by a Fugro survey team. These re-inspections were performed by a distress certified supervisor. For all re-inspections, the PCI score for the original inspection was compared to the PCI score for the re-inspection. The goal was for the PCI scores for each street section to be within the following tolerances:

- 50% of the re-inspections will be within \pm five (5) PCI points of the original inspections.
- No more than 12% of the re-inspections will be more than fifteen (15) PCI points different from the original inspections. All sections with a difference greater than 15 PCI points will be reviewed further to determine sources of discrepancy.

Table 1 presents a summary of the re-inspection results. For the City, all criteria were met.

Table 1. Re-Inspection Results by Survey Team.

PCI Difference	Number of Re-Inspection Sections	Number Meeting Goal	Percentage Meeting Goal	Goal
Within ± 5	15	14	93%	At least 50%
Greater than ± 15	15	0	0%	Less than 12%

During Fugro’s distress survey inspections, Fugro randomly re-inspected at least 5 percent of the sections to be inspected by a supervisor. For all re-inspections, the PCI score for the original inspection was compared to the PCI score for the re-inspection. The goal was for the PCI scores for each street section to be within the following tolerances:

- 50% of the re-inspections will be within \pm five (5) PCI points of the original inspections.
- No more than 12% of the re-inspections will be more than fifteen (15) PCI points different from the original inspections. All sections with a difference greater than 15 PCI points will be reviewed further to determine sources of discrepancy.

Table 2 presents a summary of the re-inspection results. For the City, all criteria were met.

Table 2. Re-Inspection Results by Supervisor.

PCI Difference	Number of Re-Inspection Sections	Number Meeting Goal	Percentage Meeting Goal	Goal
Within ± 5	16	16	100%	At least 50%
Greater than ± 15	16	0	0%	Less than 12%

Fugro investigated any section with a PCI variance of greater than 15 points to determine the source of the large variance. It was found that 12 sections had a PCI variance over 15 points. Among those 12 sections, 9 sections had a PCI increase of over 15 points. Sections may have had M&R activities not updated into the StreetSaver (i.e., 2016 to 2018 activities). Among those 12 sections, 3 sections had a PCI decrease of over 15 points due to significantly more distresses being present than was recorded at the previous inspection (2017).

1.0 Quality Management Approach

Fugro was tasked with the StreetSaver pavement management system (PMS) update of the City of Sonoma (City) as part of the Metropolitan Transportation Commission (MTC) Pavement Management Technical Assistance Program (P-TAP) Round 20. During P-TAP Round 20 data collection, quality assurance (QA) and quality control (QC) was performed on all pavement management condition assessment surveys as per the QA/QC document provided to the City in June 2019. This document details the activities Fugro undertook to ensure that high quality PMS data is provided to the City. The following areas are discussed in this QMR:

- Section 2. Deliverables, Protocols, and Quality Standards
- Section 3. Quality Control (QC)
- Section 4. Acceptance Criteria
- Section 5. Quality Team Roles & Responsibilities
- Section 6. Quality Reporting Plan Results
- Section 7. Acceptance of QMR

2.0 Deliverables, Protocols, and Quality Standards

2.1 Introduction

During P-TAP Round 20, Fugro inspected approximately 34 centerline miles of paved streets maintained by the City. The City has an established MTC StreetSaver online database containing its pavement management system (PMS). Fugro understands that the quality of collected pavement distress data is the key to successful implementation and maintenance of an agency's PMS.

2.2 Protocols

Fugro's QA/QC Plan uses effective procedures during the data collection and processing steps to provide high quality pavement condition data. Fugro's QA/QC Plan was developed to validate "accuracy", "resolution" and "precision" of the data collected, which MTC describes as:

- "Accuracy" indicates that the distress is identified correctly (e.g., alligator cracking is identified as alligator cracking instead of block cracking).
- "Resolution" indicates that severity levels are identified accurately (e.g., low severity longitudinal cracking is identified and recorded rather than omitted).
- "Precision" indicates that repeated inspections produce reasonably similar recorded distress type, severity and density combinations.

Fugro used its highly trained and experienced professionals that are MTC StreetSaver certified raters to collect the pavement distress data. Each street section was inspected in accordance with the most recent versions of the MTC published "Pavement Condition Index Distress Identification Manual for Flexible Pavements" and the "Pavement Condition Index Distress Identification Manual for Rigid Pavements." Pavement condition inspections were performed using a walking distress survey, where each inspection unit was walked by the inspector. Inspection sample sizes were either 50 or 100 linear feet in length and between 1,000 to 4,000 square feet (sf) for asphalt pavements and approximately 20 slabs for rigid pavements.

A minimum of 10% of the entire street section area was inspected using the MTC representative sampling method for street inspections. The amount (square feet or linear feet, depending on distress) and severity (low, moderate, high) of the following distresses was recorded for flexible pavements: (1) alligator cracking, (2) block cracking, (3) distortions, (4) longitudinal and transverse cracking, (5) patch and utility cut patch, (6) rutting/depression, (7) weathering, and (8) raveling. The amount (# of slabs affected) and severity of the following distresses was recorded for rigid pavements: (1) corner break, (2) divided slab, (3) faulting, (4) linear cracking, (5) patching & utility cuts, (6) scaling/map cracking/crazing, and (7) spalling.

Fugro's data verification processes are described in Section 3.0 on Quality Control. Part of the process includes setting up project Control Sections, which is described next.

2.3 Control Sections

As an important QC step and to maintain reasonable distress data accuracy, resolution and precision, Fugro set up a series of “control” sections for raters to inspect. The control sections were approximately 2,500 sf in area, which is a typical inspection unit size. The Rater’s Supervisor or their designee (an MTC certified rater) inspected and recorded all amounts and severities of distresses found within each control section. This data was used as the basis of comparison for each control section (i.e., ground truth).

Fugro distress raters, which are all MTC certified raters, periodically re-inspected the control section (at least once every two weeks) during data collection period. The results of the re-inspection were compared to the original inspection distresses and resulting PCI values. Inspections were within the following tolerances, which are the same as the MTC’s acceptance criteria for prequalification:

- 50% of the re-inspections shall be within +/- 8 PCI points of the ground truth.
- No more than 12% of the re-inspections will be more than 18 PCI points different from the ground truth.

If the re-inspections PCI values were outside the criteria range, the supervisor or their designee would determine reasons for difference and take corrective action, which may include additional instruction in office and field. This control section calibration was done to assure that reasonable accuracy, resolution, and precision of inspection data is maintained.

2.4 Deliverables

After the pavement distress data collection, the data was imported into the City’s StreetSaver database and PCI values for each database section was determined. The PCI value reported for each section is based on the distress types and their corresponding severity and quantity observed and recorded during the field surveys.

3.0 Quality Control

Fugro’s data verification process was based on a number of quality control (QC) activities before, during, and after network level distress data collection activities. As described in Section 2.0, key deliverables under this QMP are high quality pavement distress data for a jurisdiction’s asphalt and concrete roadways per MTC protocols and acceptable standards. Table 3 provides a list of QC activities, quality expectations, and frequency of occurrences.

Table 3. Fugro QC activities for pavement distress data.

Deliverable	QC Activity	Quality Expectations	Frequency/Interval
Pavement Distress Ratings	Distress rater training	MTC distress rater certification	Pre-collection
	Control site rating calibration	1. 50% of sections are within ± 8 PCI points. 2. No more than 12% greater than ± 18 PCI points of the reference value.	Pre-collection At least once every two weeks during data collection period
	Office checks	Section PCI within 15 points of previous survey.	Once per week or per jurisdiction
	Re-survey of 5% of sections in each jurisdiction by a survey team	1. 50% of sections are within ± 5 PCI points. 2. No more than 12% greater than ± 15 PCI points of the reference value.	Weekly
	Re-survey of 5% of sections in each jurisdiction by a supervisor	1. 50% of sections are within ± 5 PCI points. 2. No more than 12% greater than ± 15 PCI points of the reference value.	Prior to Delivery

Each QC activity is further described in the following sections.

3.1 Distress Rater Training

Every Fugro distress data collection team was led by an MTC certified rater. If there were any new raters, they would work directly under the supervision of a MTC certified rater during field data collection activities. The new distress raters would go through a number of in-house training activities before they accompany the certified raters in the field. The training involves Fugro Academy training modules on safety and code of conduct. Fugro pavement engineers would work with new distress raters to train them

on technical concepts related to pavement distress identification and rating. New distress raters would be trained on distress identification per MTC latest manuals for flexible and rigid pavements. All new raters would need to successfully complete the MTC rater certification process before they can collect distress data without direct supervision of an MTC certified rater.

3.2 Control Site Rating Calibration

Please refer to Section 2.3.

3.3 Office Checks

Fugro used MTC StreetSaver Mobile Rater program on a tablet computer to record distress data in the field and upload data to the office at the end of each work day. The reported data was checked for completeness and then processed. The distress data was evaluated for reasonableness from the last survey. Updated maintenance and rehabilitation (M&R) records were utilized to study the PCI differences for reasonableness. StreetSaver reporting module was used to create a report on “PCI Differences Between Inspections.” Section PCI value was calculated for current survey and compared with projected PCI value based on previous survey. All sections with PCI differences greater than 15 points were flagged and further evaluated by the Project Manager. If necessary, the section was re-inspected to ensure the reliability of the Fugro survey.

3.4 Re-Inspection of Sections in Each Jurisdiction by a Survey Team

Fugro re-inspected minimum 5 percent of the sections previously inspected by an inspection team. The sections were sections that had recently been inspected, within a month. The re-inspection was performed by other raters or the inspection team that collected the data previously.

For all re-inspections, the PCI value for the original inspection was compared to the PCI value for the re-inspection. The goal was for the PCI values for each street section to be within the following tolerances:

- 50% of the re-inspections will be within +/- 5 PCI points of the original inspections.
- No more than 12% of the re-inspections will be more than 15 PCI points different from the original inspections. All sections with a difference greater than 15 PCI points will be reviewed further to determine sources of discrepancy.

If the re-inspection values were not within the above tolerances, then the Project Manager or their designee would meet with the inspector(s) and review the data. Distress data discrepancies would be discussed to determine what the source of the PCI differences are. That day’s inspections may then be discarded and inspections performed again. In addition, 5% of the inspections were spot checked by the supervisor for the following week, to assure that any sources of discrepancies had been resolved. If they have been found to be resolved, then the original re-inspection of 5% of the street segments was resumed.

3.5 Re-Inspection of Sections in Each Jurisdiction by a Supervisor

Similar to the re-inspection by raters or inspection teams, the distress rating supervisor inspected at least 5 percent of the sections that were inspected by an inspection team. For all re-inspections, the PCI values for the supervisor's inspection were compared to the PCI values for the survey team. The goal was for the PCI values for each street section to be within the following tolerances:

- 50% of the inspections will be within +/- 5 PCI points of the supervisor's inspections.
- No more than 12% of the inspections will be more than 15 PCI points different from the supervisor's inspections. All sections with a difference greater than 15 PCI points will be reviewed further to determine sources of discrepancy.

If the re-inspections were not within the above tolerances, then the Project Manager or their designee would meet with the inspector(s) and review the data in the field. Distress data discrepancies were discussed to determine what the source of the PCI differences are. That day's inspections may then be discarded and inspections performed again. In addition, 5% of the inspections were spot checked by the Project Manager or their designee for the following week, to assure that any sources of discrepancies had been resolved. If they have been found to be resolved, then the original re-inspection of 5% of the street segments were resumed.

4.0 Acceptance

Pavement distress data that has passed the quality control verification process described in Section 3.0 will be deemed acceptable for final delivery into the jurisdiction's StreetSaver database. Of particular importance is a thorough investigation of validity of collected distress data for surveyed sections with PCI values with a difference of more than 15 PCI points from the projected PCI values based on prior survey as described in Section 3.3.

5.0 Quality Team Roles & Responsibilities

The following table shows the quality-related responsibilities of the data collection team and lists specific quality responsibilities.

Table 4. Fugro Team Roles and Responsibilities.

Team Role	Assigned Personnel	Quality Management Responsibilities
Project Manager	Sirous Alavi	Distress training Completeness checks Reasonableness checks Provide QMP documentation to jurisdiction and MTC
Senior Engineer	Michael Tavares	Distress training Control site reference values Supervisor reference values Completeness checks Reasonableness checks Coordinate field collection crew
Distress Rater(s)	Thomas Burchett Mohammad Ilias Michael Tavares	Receive training Complete control sites Perform inspections Perform re-inspections Submit distress data daily

6.0 Quality Reporting Plan Results

Data quality was monitored throughout the project following the QMP. During project data collection activities, the Project Manager discussed any data quality issue with the jurisdiction if and when necessary. All activities performed under the QMP including the results of quality control and acceptance processes have been documented in this comprehensive Quality Management Report (QMR) that will be reviewed and approved by jurisdiction. A copy of the approved QMR will also be submitted to MTC.

6.1 Control Site Rating QC

Fugro distress raters periodically re-inspected the control sites in the Bay Area (at least once every two weeks) during data collection period. The results of the re-inspection were compared to the original inspection distresses and resulting PCI values. Inspections were to meet the following tolerances, which are the same as the MTC's acceptance criteria for prequalification:

- 50% of the re-inspections shall be within +/- 8 PCI points of the ground truth.
- No more than 12% of the re-inspections will be more than 18 PCI points different from the ground truth.

For each periodic re-inspection, the distress raters met the required criteria. Appendix A has the results of the control site QC.

6.2 QC of Re-Inspection of Sections by a Survey Team

Table 5 presents the number of sections for the City and the required number of re-inspection sections. Table 6 presents a summary of the re-inspection results and whether the re-inspections met the criteria in Section 3.0. The Fugro Survey Teams performed re-inspections on 15 sections (approximately 5% of sections). For the City, all criteria were met. Appendix B has the results of each individual re-inspection by the Survey Team.

Table 5. Sections and Re-Inspection Sections.

Jurisdiction	Centerline Miles	Total # of Sections	# of Re-Inspection Sections (5% of Sections)
Sonoma	33.79	300	15

Table 6. Re-Inspection Results by Survey Team.

PCI Difference	Number of Re-Inspection Sections	Number Meeting Goal	Percentage Meeting Goal	Goal
Within ± 5	15	14	93%	At least 50%
Greater than ± 15	15	0	0%	Less than 12%

6.3 QC of Re-Inspection of Sections by a Supervisor

Table 7 presents a summary of the re-inspection results and whether the re-inspections met the criteria in Section 3.0. The Fugro Supervisor performed re-inspections on 16 sections (approximately 5% of sections). For the City, all criteria were met. Appendix C has the results of each individual re-inspection by the Supervisor.

Table 7. Re-Inspection Results by Supervisor.

PCI Difference	Number of Re-Inspection Sections	Number Meeting Goal	Percentage Meeting Goal	Goal
Within ± 5	16	16	100%	At least 50%
Greater than ± 15	16	0	0%	Less than 12%

6.4 Office Checks

PCI values for all newly inspected sections were compared to the StreetSaver projected PCI values right before the Fugro inspection. Any section with a PCI variance of greater than 15 points was investigated to determine the source of the large variance. It was found 12 sections had a PCI variance over 15 points. Among those 12 sections, 9 sections had a PCI increase of over 15 points. Sections may have had M&R activities not updated into the StreetSaver (i.e., 2016 to 2018 activities). Five of the sections have had a slurry seal in 2017 or 2018. Among those 12 sections, 3 sections had a PCI decrease of over 15 points due to significantly more distresses being present than was recorded at the previous inspection (2017). Appendix D shows the sections with a PCI variance of greater than 15 points and inspection notes. Fugro prepared the inspection notes to show possible reasons for the PCI variance.

7.0 Acceptance of Quality Management Report

Quality Management Report Accepted by the Agency Manager:

J. Colleen Ferguson
Agency Manager Signature

Public Works Dir./City Engineer
Title

J. Colleen Ferguson
Agency Manager Printed

10/8/2019
Date

Quality Management Report Accepted by the Project Manager:

Sirous Alavi
Project Manager Signature

Senior Consultant
Title

Sirous Alavi, Ph.D., P.E., PTOE
Project Manager Printed

10/7/2019
Date

Appendix A – Control Site QC Results

Control Section QC				
1	PCI			
Street ID	Ground Truth	6/24/2019	Absolute Variance	
SITE A	95	93	2	
SITE B	70	70	0	
SITE C	85	85	0	
SITE D	23	23	0	
SITE E	93	92	1	

PCI Tolerances

50% of the re-inspections shall be within +/- eight (8) PCI points of the original inspections.

No more than 12% of the re-inspections will be more than eighteen (18) points different from the original inspections.

For this control section

- 100% % within +/- eight (8) PCI points
- 100% % within +/- eighteen (18) PCI points

Control Section QC				
2	PCI			
Street ID	Ground Truth	7/15/2019	Absolute Variance	
SITE A	95	94	1	
SITE B	70	75	5	
SITE C	85	84	1	
SITE D	23	23	0	
SITE E	93	92	1	

PCI Tolerances

50% of the re-inspections shall be within +/- eight (8) PCI points of the original inspections.

No more than 12% of the re-inspections will be more than eighteen (18) points different from the original inspections.

For this control section

- 100% % within +/- eight (8) PCI points
- 100% % within +/- eighteen (18) PCI points

Control Section QC				
3	Street ID	PCI		
		Ground Truth	7/15/2019	Absolute Variance
	SITE A	95	98	3
	SITE B	70	66	4
	SITE C	85	88	3
	SITE D	23	23	0
	SITE E	93	98	5

PCI Tolerances

50% of the re-inspections shall be within +/- eight (8) PCI points of the original inspections.

No more than 12% of the re-inspections will be more than eighteen (18) points different from the original inspections.

For this control section

- 100% % within +/- eight (8) PCI points
- 100% % within +/- eighteen (18) PCI points

Appendix B –Re-Inspection Results of Survey Team

Table. Re-Inspection Results of Survey Team.

Street ID	Section ID	Street Name	Beg Location	End Location	Current PCI	PCI (QA)	Inspected Date	Variance	Variance (abs)
CHURCH	203A	CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	96	98	7/24/2019	2	2
CHURCH	203B	CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	81	81	7/24/2019	0	0
CHURCH	203C	CHURCH STREET	SECOND STREET WEST	ALLEY	47	41	7/24/2019	-6	6
FIRSTW	169J	FIRST STREET WEST	HIKING PATH	MOUNTAIN CEMETERY ROAD	27	28	7/24/2019	1	1
FOURTW	172E	FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	82	79	7/24/2019	-3	3
GARLAN	216	GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	77	79	7/24/2019	2	2
HAYES	209B	HAYES STREET	ROAD WIDENS	BETTENCOURT STREET	82	80	7/24/2019	-2	2
HEATHE	214	HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	88	87	7/24/2019	-1	1
IVYCT	215	IVY COURT	HEATHER LANE	CUL DE SAC	83	80	7/24/2019	-3	3
JUNIP	217	JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	78	80	7/24/2019	2	2
STUDLE	220A	STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	93	89	7/24/2019	-4	4
STUDLE	220B	STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	91	89	7/24/2019	-2	2
STUDLE	220C1	STUDLEY STREET	SIXTH STREET WEST	FIFTH STREET WEST	81	80	7/24/2019	-1	1
THIRDW	171E	THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	92	92	7/24/2019	0	0
WHITEB	213	WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	81	79	7/24/2019	-2	2

Appendix C –Re-Inspection Results of Supervisor

Table. Re-Inspection Results of Supervisor.

Street ID	Section ID	Street Name	Beg Location	End Location	Current PCI	PCI (QA)	Inspected Date	Variance	Variance (abs)
BEASLE	194	BEASLEY WAY	NEWCOMB STREET	COX STREET	64	64	7/24/2019	0	0
COXST	191	COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	70	70	7/24/2019	0	0
JUNIPE	223A	JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	88	87	7/24/2019	-1	1
JUNIPE	223B	JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	88	88	7/24/2019	0	0
JUNIPE	223C	JUNIPERO SERRA DRIVE	VASQUEZ COURT	FANO LANE	93	94	7/24/2019	1	1
LEVERO	160A	LEVERONI ROAD	HIKING PATH	DAVID STREET	82	80	7/24/2019	-2	2
LEVERO	160B	LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	79	77	7/24/2019	-2	2
LEVERO	160C	LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	94	98	7/24/2019	4	4
LINDA	207A	LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	69	69	7/24/2019	0	0
LINDA	207B	LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	72	72	7/24/2019	0	0
LUBECK	201	LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	84	85	7/24/2019	1	1
OFARRE	241	OFARREL COURT	ROBINSON ROAD	CUL DE SAC	78	77	7/24/2019	-1	1
OSENDA	234	OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	65	65	7/24/2019	0	0
ROBINR	222A	ROBINSON ROAD	PALOU STREET	LASUEN STREET	81	79	7/24/2019	-2	2
ROBINR	222B	ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	82	81	7/24/2019	-1	1
TODDVA	200	TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	88	87	7/24/2019	-1	1

Appendix D –Sections with PCI Difference Over ± 15 Points

Table. Sections with PCI Difference Over ± 15 Points.

Street ID	Section ID	Street Name	Begin Location	End Location	Prev Insp Date	Prev Insp PCI	Last Insp Date	Last Insp PCI	Projected PCI	Difference	M&R Treatment	M&R Date	Comments
ANDRIE AVENUE	167C	ANDRIEUX STREET	FOURTH STREET WEST CORDILLERAS DRIVE	THIRD STREET WEST HOUSE #693	10/13/2017	65	7/24/2019	95	72	23	SLURRY SEAL	10/1/2018	Slurry seal in October 2018.
BRAZIL AVENUE	120B	AVENUE DEL ORO	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	10/13/2017	32	7/22/2019	70	27	43			Has newer surface.
DENMAR	110	BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	10/13/2017	95	7/22/2019	100	74	26			Last PCI was 95 and has a good surface.
DENMAR	138C	DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	10/13/2017	51	7/24/2019	91	61	30	SLURRY SEAL	11/1/2017	Slurry seal in November 2017.
FIFTH	143	FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	10/13/2017	43	7/24/2019	95	55	40	SLURRY SEAL	10/1/2018	Slurry seal in October 2018.
FOURTE	112C	FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	10/13/2017	75	7/23/2019	39	73	-34			Medium alligator present on both edges.
JONES	243A	JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	10/13/2017	77	7/23/2019	99	75	24			Has newer surface.
LOVALL	107B	LOVALL VALLEY ROAD	175' EAST OF WILKING WAY	CITY LIMIT/325' E. OF GEHRICKE	10/13/2017	9	7/22/2019	99	2	97			Has newer surface.
OREGON	219A	OREGON STREET	STUDLEY STREET	200' WEST OF SEVENTH STREET WEST	10/13/2017	60	7/22/2019	31	57	-26			Medium alligator present.
SPAIN	105B	EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	10/13/2017	62	7/22/2019	89	70	19	SLURRY SEAL	10/1/2018	Slurry seal in October 2018.
SPAINW	204B	WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	10/13/2017	73	7/22/2019	98	79	19	SLURRY SEAL	10/1/2018	Slurry seal in October 2018.
VASQUE	229	VASQUEZ COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	10/13/2017	82	7/22/2019	40	79	-39			Medium alligator present.

Appendix B – Section Inventory Report

(Sorted Alphabetically by Street ID)

(Sorted by Descending PCI)

Section Inventory Report Description

This report lists section information for each of the City's pavement sections. It lists the street ID, Section ID, section limit, functional class, surface type, number of lanes, length, width, area, and PCI. The report is sorted alphabetically by Street Name and Section ID. The field descriptions in this report are listed below:

COLUMN	DESCRIPTION
Street ID	Street Identification - A code up to ten characters/digits to identify the street. Generally, the street name is truncated to six characters. The Street ID should be unique for each street.
Section ID	Section Identification - A code up to ten characters/digits to identify the section number. The Section ID must be unique for each section of one street.
Street Name	The name of the street.
Begin Location	Beginning limit of the section.
End Location	Ending limit of the section.
Lanes	Number of travel lanes.
Functional Class	Functional Classification (A = Arterial, C = Collector, R = Residential).
Length (feet)	Length of the section in feet.
Width (feet)	Average width of the section in feet.
Area (square foot)	Calculated area based on average length and width.
Surface Type	Surface Type (AC = AC Pavement, O = AC Overlay of AC Pavement, AC/PCC = AC Overlay of PCC Pavement, PCC = PCC Pavement, ST = Surface treatment over gravel base/subgrade).
PCI Date	Date of PCI is from inspection or maintenance data.
PCI	Average PCI for the section. The value is inspected/projected for 2017 and is based on the last calculated PCI (i.e. from inspection or maintenance data).

Sorted Alphabetically by Street ID

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ADLER	117	ALDER COURT - 117	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	2	R - Residential/Local	243	33	8019	A - AC	7/22/2019	49
ANDRIE	167E2	ANDRIEUX STREET - 167	FIRST STREET WEST	BROADWAY	2	C - Collector	332	38	12616	O - AC/AC	7/24/2019	66
ANDRIE	167A	ANDRIEUX STREET - 167	CUL DE SAC	FIFTH STREET	2	R - Residential/Local	1242	39	48438	O - AC/AC	7/23/2019	76
ANDRIE	167B	ANDRIEUX STREET - 167	FIFTH STREET WEST	FOURTH STREET WEST	2	C - Collector	611	33	20163	O - AC/AC	7/24/2019	66
ANDRIE	167C	ANDRIEUX STREET - 167	FOURTH STREET WEST	THIRD STREET WEST	2	C - Collector	661	33	21813	O - AC/AC	7/24/2019	95
ANDRIE	167D	ANDRIEUX STREET - 167	THIRD STREET WEST	SECOND STREET WEST	2	C - Collector	641	38	24358	O - AC/AC	7/24/2019	68
ANDRIE	167E	ANDRIEUX STREET - 167	SECOND STREET WEST	FIRST STREET WEST	2	C - Collector	664	38	25232	O - AC/AC	7/24/2019	73
APPLET	130	APPLETON WAY - 130	CUL DE SACS. OF AVENIDA ORO	CUL DE SAC N. OF AVENIDA ORO	2	R - Residential/Local	328	33	10824	A - AC	7/22/2019	44
ARGUEL	238	ARGUELLO COURT - 238	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	249	33	8217	A - AC	7/22/2019	78
ARMSTR	113	ARMSTRONG DRIVE - 113	CHARLES VAN DAMME WAY	EAST NAPA STREET	2	R - Residential/Local	421	46	19366	A - AC	7/22/2019	64
ARROY	180	ARROYO WAY - 180	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	613	32	19616	A - AC	7/24/2019	75
AUREO	121	AUREO COURT - 121	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	146	27	3942	A - AC	7/22/2019	100
AUSTIN	162A	AUSTIN AVENUE - 162	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	611	36	21996	A - AC	7/23/2019	28
AUSTIN	162B	AUSTIN AVENUE - 162	CHASE STREET	FRANCE STREET	2	R - Residential/Local	615	36	22140	A - AC	7/23/2019	27
AUSTIN	162C	AUSTIN AVENUE - 162	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	604	33	19932	A - AC	7/23/2019	67
AVENUE	120A	AVENUE DEL ORO - 120	FIFTH STREET EAST	CORDILLERAS DRIVE	2	R - Residential/Local	779	33	25707	A - AC	7/22/2019	100
AVENUE	120B	AVENUE DEL ORO - 120	CORDILLERAS DRIVE	HOUSE #693	2	R - Residential/Local	801	33	26433	A - AC	7/22/2019	70
AVENUE	120C	AVENUE DEL ORO - 120	HOUSE #693	APPLETON WAY	2	R - Residential/Local	331	33	10923	A - AC	7/22/2019	94
BANCHE	176	BANCHEO STREET - 176	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	215	23	4945	A - AC	7/24/2019	54
BARRAC	202	BARRACHI WAY - 202	PERKINS STREET	BACHERO STREET	2	R - Residential/Local	804	23	18492	A - AC	7/24/2019	43
BAUDIN	252	BAUDIN WAY - 252	CASA BONNE LN	DEAD END	2	R - Residential/Local	186	20	3720	A - AC	7/22/2019	98
BEASLE	194	BEASLEY WAY - 194	NEWCOMB STREET	COX STREET	2	R - Residential/Local	969	37	35853	A - AC	7/23/2019	64
BERRYE	186	BERRYESSA DRIVE - 186	LA QUINTA	EVANS AVENUE	2	R - Residential/Local	416	33	13728	A - AC	7/23/2019	86
BERRYE	188	BERRYESSA COURT - 188	BERRYESSA DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	7/23/2019	85
BETTEN	179A	BETTENCOURT STREET - 179	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	611	32	19552	O - AC/AC	7/23/2019	99
BETTEN	179B	BETTENCOURT STREET - 179	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	649	34	22066	O - AC/AC	7/24/2019	89

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BETTEN	179C	BETTENCOURT STREET - 179	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	643	34	21862	O - AC/AC	7/24/2019	93
BLUEWI	102	BLUE WING DRIVE - 102	FIRST STREET EAST	SECOND STREET EAST	2	C - Collector	628	32	20096	A - AC	7/22/2019	91
BRAGG	211	BRAGG STREET - 211	CLAY STREET	DEAD END NORTH OF COOPER ST	2	R - Residential/Local	335	33	11055	A - AC	7/23/2019	81
BRAZIL	110	BRAZIL STREET - 110	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	2	R - Residential/Local	607	16	9712	S - ST	7/22/2019	100
BROCKM	137A	BROCKMAN DRIVE - 137	DENMARK STREET	CUL DE SAC	2	R - Residential/Local	664	33	21912	A - AC	7/23/2019	91
BROCKM	137B	BROCKMAN DRIVE - 137	CUL DE SAC/BULB	LOT #366/PAVE CHG	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	75
BROCKM	137C	BROCKMAN DRIVE - 137	JONES STREET	LOT #366/PAVE CHG	2	R - Residential/Local	405	30	12150	A - AC	7/23/2019	84
CARILL	227	CARILLO COURT - 227	VERANO AVENUE	CUL DE SAC	2	R - Residential/Local	325	33	10725	A - AC	7/22/2019	12
CARSON	231	CARSON COURT - 231	LASUEN STREET	CUL DE SAC	2	R - Residential/Local	193	33	6369	A - AC	7/22/2019	85
CASABO	251	CASA BONNE LANE - 251	4TH ST WEST	BAUDIN WAY	2	R - Residential/Local	336	20	6720	A - AC	7/22/2019	100
CHARLE	114A	CHARLES VAN DAMME WAY - 114	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	451	33	14883	A - AC	7/24/2019	82
CHARLE	114B	CHARLES VAN DAMME WAY - 114	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	2	R - Residential/Local	1436	48	68928	A - AC	7/24/2019	76
CHASES	119A	CHASE STREET - 119	BROADWAY	SECOND STREET EAST	2	C - Collector	901	37	33337	A - AC	7/23/2019	66
CHASES	119B	CHASE STREET - 119	SECOND STREET EAST	THIRD STREET EAST	2	C - Collector	566	32	18112	A - AC	7/23/2019	80
CHASES	119C	CHASE STREET - 119	THIRD STREET EAST	FOURTH STREET EAST	2	C - Collector	676	32	21632	A - AC	7/23/2019	60
CHASES	119D	CHASE STREET - 119	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	32	20192	A - AC	7/23/2019	65
CHASES	119E	CHASE STREET - 119	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	399	33	13167	A - AC	7/23/2019	81
CHURCH	203A	CHURCH STREET - 203	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	631	32	20192	O - AC/AC	7/22/2019	99
CHURCH	203B	CHURCH STREET - 203	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	611	32	19552	A - AC	7/22/2019	81
CHURCH	203C	CHURCH STREET - 203	SECOND STREET WEST	ALLEY	2	R - Residential/Local	408	28	11424	A - AC	7/24/2019	47
CLAUDI	206	CLAUDIA DRIVE - 206	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	641	31	19871	A - AC	7/22/2019	61
CLAYST	159A	CLAY STREET - 159	FRYER CREEK DRIVE	BROADWAY	2	R - Residential/Local	1471	37	54427	A - AC	7/23/2019	78
CONTEN	123	CONTENTO COURT - 123	CORDILLERAS DRIVE	CUL DE SAC	2	R - Residential/Local	202	27	5454	A - AC	7/22/2019	84
COOPER	199	COOPER STREET - 199	PICKETT DRIVE	BRAGG STREET	2	R - Residential/Local	589	33	19437	A - AC	7/23/2019	70
CORDIL	124A	CORDILLERAS DRIVE - 124	MACARTHUR STREET	AVENUE DEL ORO	2	R - Residential/Local	552	33	18216	A - AC	7/22/2019	74

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CORDIL	124B	CORDILLERAS DRIVE - 124	AVENUE DEL ORO	PRIVATE DRIVE	2	R - Residential/Local	297	33	9801	A - AC	7/22/2019	84
COXST	191	COX STREET - 191	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	2	R - Residential/Local	647	37	23939	A - AC	7/23/2019	70
CURTIN	218A	CURTIN LANE - 218	SEVENTH STREET WEST	HOUSE #601	2	R - Residential/Local	351	33	11583	O - AC/AC	7/22/2019	100
CURTIN	218B	CURTIN LANE - 218	HOUSE #601	FIFTH STREET WEST	2	R - Residential/Local	603	33	19899	O - AC/AC	7/22/2019	100
DANIEL	118	DANIEL YOUNG DRIVE - 118	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	433	37	16021	A - AC	7/22/2019	71
DAVILA	140	DAVILA COURT - 140	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	317	33	10461	A - AC	7/24/2019	87
DENMAR	138A	DENMARK STREET - 138	DEAD END WEST OF BROCKMAN DR	GARRY LANE	2	R - Residential/Local	537	33	17721	A - AC	7/24/2019	89
DENMAR	138B	DENMARK STREET - 138	GARRY LANE	254' WEST OF FIFTH STREET EAST	2	R - Residential/Local	541	22	11902	A - AC	7/24/2019	32
DENMAR	138C	DENMARK STREET - 138	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	254	26	6604	A - AC	7/24/2019	91
DEWELL	156	DEWELL DRIVE - 156	LARKIN DRIVE	FINE AVENUE	2	R - Residential/Local	969	38	36822	A - AC	7/23/2019	86
DONNER	150	DONNER AVENUE - 150	MACARTHUR LANE	EAST MACARTHUR AVENUE	2	R - Residential/Local	250	26	6500	A - AC	7/23/2019	99
DONNER	150A	DONNER AVENUE - 150	EAST MACARTHUR AVENUE	CHASE STREET	2	R - Residential/Local	626	32	20032	O - AC/AC	7/23/2019	65
DONNER	150B	DONNER AVENUE - 150	CHASE STREET	DEAD END	2	R - Residential/Local	312	32	9984	O - AC/AC	7/23/2019	94
DONNER	150C	DONNER AVENUE - 150	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	32	19456	A - AC	7/23/2019	73
EASTIN	139	EASTIN DRIVE - 139	DENMARK STREET	FIFTH STREET EAST	2	R - Residential/Local	1308	33	43164	A - AC	7/24/2019	85
EDACT	232	EDA COURT - 232	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	130	20	2600	A - AC	7/22/2019	77
ELLIOT	129	ELLIOT STREET - 129	CUL DE SAC @ KNIGHT STREET	CUL DE SAC NORTH OF TOWNE ST	2	R - Residential/Local	464	33	15312	A - AC	7/22/2019	39
ELNIDO	122	EL NIDO COURT - 122	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	292	28	8176	A - AC	7/22/2019	98
ENGLER	246	ENGLER STREET - 246	BROCKMAN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	90
ELECT	136	ESTE MADERA COURT - 136	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	302	27	8154	A - AC	7/22/2019	100
ESTEDR	134A	ESTE MADERA DRIVE - 134	EAST MACARTHUR STREET	ESTE MADERA LANE	2	R - Residential/Local	797	33	26301	A - AC	7/22/2019	91
ESTEDR	134B	ESTE MADERA DRIVE - 134	ESTE MADERA LANE	END OF LOOP	2	R - Residential/Local	1044	33	34452	A - AC	7/22/2019	89

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ESTEDR	134C	ESTE MADERA DRIVE - 134	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	396	33	13068	A - AC	7/22/2019	98
ESTELN	135	ESTE MADERA LANE - 135	EAST FIFTH STREET	ESTE MADERA DRIVE	2	R - Residential/Local	232	33	7656	A - AC	7/22/2019	91
EVANS	185	EVANS AVENUE - 185	CUL DE SAC WEST OF BERRYSSA	MANOR DRIVE	2	R - Residential/Local	602	33	19866	A - AC	7/23/2019	75
FANOLN	237A	FANO LANE - 237	ROBINSON ROAD	JUNIPERO SERRA STREET	2	R - Residential/Local	454	33	14982	O - AC/AC	7/22/2019	62
FANOLN	237B	FANO LANE - 237	JUNIPERO SERRA STREET	FIFTH STREET WEST	2	R - Residential/Local	1157	33	38181	O - AC/AC	7/22/2019	78
FIFTHE	143	FIFTH STREET EAST - 143	CITY LIMITS / HOUSE #20419	DENMARK STREET	2	A - Arterial	1240	30	37200	A - AC	7/24/2019	95
FIFTHE	143A	FIFTH STREET EAST - 143	DENMARK STREET	ESTE MADERA LANE	2	A - Arterial	603	30	18090	O - AC/AC	7/24/2019	56
FIFTHE	143B	FIFTH STREET EAST - 143	ESTE MADERA LANE	EAST MACARTHUR STREET	2	A - Arterial	683	27	18441	O - AC/AC	7/24/2019	73
FIFTHE	143C	FIFTH STREET EAST - 143	EAST MACARTHUR STREET	FRANCE STREET	2	A - Arterial	1247	37	46139	O - AC/AC	7/24/2019	79
FIFTHE	143D	FIFTH STREET EAST - 143	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	684	37	25308	O - AC/AC	7/24/2019	68
FIFTHE	143E	FIFTH STREET EAST - 143	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	660	37	24420	O - AC/AC	7/24/2019	82
FIFTHW	173A	FIFTH STREET WEST - 173	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	2	A - Arterial	1287	49	63063	A - AC	7/23/2019	75
FIFTHW	173A2	FIFTH STREET WEST - 173	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	2	A - Arterial	175	49	8575	A - AC	7/23/2019	84
FIFTHW	173B	FIFTH STREET WEST - 173	WEST MACARTHUR STREET	ANDRIEUX STREET	2	A - Arterial	1134	49	55566	O - AC/AC	7/23/2019	65
FIFTHW	173C	FIFTH STREET WEST - 173	ANDRIEUX STREET	WEST NAPA ROAD	4	A - Arterial	1462	64	93568	O - AC/AC	7/23/2019	59
FIFTHW	173D	FIFTH STREET WEST - 173	WEST NAPA ROAD	WEST SPAIN STREET	2	A - Arterial	619	37	22903	O - AC/AC	7/23/2019	82
FIFTHW	173E	FIFTH STREET WEST - 173	WEST SPAIN STREET	CLAUDIA DRIVE	2	A - Arterial	1111	37	41107	O - AC/AC	7/23/2019	67
FIFTHW	173F	FIFTH STREET WEST - 173	CLAUDIA DRIVE	HARASZTHY DRIVE	2	A - Arterial	531	37	19647	O - AC/AC	7/23/2019	74
FIFTHW	173G	FIFTH STREET WEST - 173	HARASZTHY DRIVE	VERANO AVENUE	2	A - Arterial	956	29	27724	O - AC/AC	7/23/2019	72
FINEAV	153	FINE AVENUE - 153	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	2	R - Residential/Local	606	33	19998	A - AC	7/22/2019	67
FIRSTE	100A	FIRST STREET EAST - 100	PATTEN STREET	EAST NAPA STREET	2	C - Collector	612	34	20808	A - AC	7/23/2019	87
FIRSTE	100B	FIRST STREET EAST - 100	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	608	65	39520	A - AC	7/23/2019	81
FIRSTE	100C	FIRST STREET EAST - 100	EAST SPAIN STREET	HIKING PATH	2	C - Collector	771	35	26985	A - AC	7/22/2019	72

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FIRSTE	100D	FIRST STREET EAST - 100	HIKING PATH	BLUE WING DRIVE	2	C - Collector	892	41	36572	A - AC	7/22/2019	67
FIRSTW	169A	FIRST STREET WEST - 169	NEWCOMB STREET	HOUSE #20054	2	R - Residential/Local	291	20	5820	A - AC	7/24/2019	80
FIRSTW	169B	FIRST STREET WEST - 169	HOUSE #20054	MALET STREET	2	R - Residential/Local	354	26	9204	A - AC	7/24/2019	85
FIRSTW	169C	FIRST STREET WEST - 169	MALET STREET	HOUSE #19995	2	R - Residential/Local	337	20	6740	A - AC	7/24/2019	66
FIRSTW	169D	FIRST STREET WEST - 169	HOUSE #19995	WEST MACARTHUR STREET	2	R - Residential/Local	305	36	10980	A - AC	7/24/2019	69
FIRSTW	169E	FIRST STREET WEST - 169	WEST MACARTHUR STREET	ANDRIEUX STREET	2	R - Residential/Local	1256	32	40192	A - AC	7/24/2019	71
FIRSTW	169F	FIRST STREET WEST - 169	ANDRIEUX STREET	WEST NAPA STREET	2	R - Residential/Local	1245	36	44820	A - AC	7/24/2019	71
FIRSTW	169G	FIRST STREET WEST - 169	WEST NAPA STREET	WEST SPAIN STREET	2	A - Arterial	596	60	35760	A - AC	7/24/2019	69
FIRSTW	169H	FIRST STREET WEST - 169	WEST SPAIN STREET	HOUSE #344	2	A - Arterial	387	38	14706	A - AC	7/24/2019	92
FIRSTW	169I	FIRST STREET WEST - 169	HOUSE #344	HIKING PATH	2	A - Arterial	571	32	18272	A - AC	7/24/2019	3
FIRSTW	169J	FIRST STREET WEST - 169	HIKING PATH	MOUNTAIN CEMETERY ROAD	2	A - Arterial	1109	31	34379	A - AC	7/24/2019	28
FOURTE	112A	FOURTH STREET EAST - 112	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	624	32	19968	O - AC/AC	7/23/2019	64
FOURTE	112B	FOURTH STREET EAST - 112	CHASE STREET	PATTEN STREET	2	R - Residential/Local	1247	32	39904	A - AC	7/23/2019	70
FOURTE	112C	FOURTH STREET EAST - 112	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	636	29	18444	A - AC	7/23/2019	39
FOURTE	112H	FOURTH STREET EAST - 112	EAST NAPA STREET	NATHANSON CREEK	2	A - Arterial	504	28	14112	A - AC	7/23/2019	100
FOURTE	112I	FOURTH STREET EAST - 112	NATHANSON CREEK	EAST SPAIN STREET	2	A - Arterial	130	32	4160	A - AC	7/24/2019	79
FOURTE	112O	FOURTH STREET EAST - 112	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	2	C - Collector	942	32	29648	A - AC	7/22/2019	88
FOURTE	112P	FOURTH STREET EAST - 112	150' SOUTH OF LUCCA COURT	BRAZIL STREET	2	C - Collector	1039	28	27296	A - AC	7/22/2019	90
FOURTW	172A	FOURTH STREET WEST - 172	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	2	R - Residential/Local	646	18	11628	A - AC	7/24/2019	82
FOURTW	172B	FOURTH STREET WEST - 172	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	145	37	5365	A - AC	7/24/2019	67
FOURTW	172C	FOURTH STREET WEST - 172	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	265	37	9805	A - AC	7/24/2019	100
FOURTW	172D	FOURTH STREET WEST - 172	ANDRIEUX STREET	NORTH DEAD END	2	R - Residential/Local	445	20	8900	A - AC	7/24/2019	69

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FOURTW	172E	FOURTH STREET WEST - 172	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	604	37	22348	A - AC	7/22/2019	82
FOURTW	172F	FOURTH STREET WEST - 172	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	2	R - Residential/Local	516	25	12900	A - AC	7/22/2019	6
FOURTW	172G	FOURTH STREET WEST - 172	DEAD END SOUTH OF LINDA DRIVE	DEAD END NORTH OF HARASZTHY DR	2	R - Residential/Local	428	33	14124	A - AC	7/22/2019	9
FOURTW	172H	FOURTH STREET WEST - 172	WEST SPAIN ST	300' N OF CASA BONNIE	2	R - Residential/Local	580	30	17400	A - AC	7/22/2019	80
FRANCE	151A	FRANCE STREET - 151	BROADWAY	SECOND STREET	2	C - Collector	919	32	29408	A - AC	7/23/2019	76
FRANCE	151B	FRANCE STREET - 151	SECOND STREET	OAK LANE	2	C - Collector	749	35	26215	A - AC	7/23/2019	99
FRANCE	151C	FRANCE STREET - 151	OAK LANE	FOURTH STREET EAST	2	C - Collector	491	35	17185	A - AC	7/23/2019	98
FRANCE	151D	FRANCE STREET - 151	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	37	23347	A - AC	7/23/2019	65
FRYERC	195A	FRYER CREEK DRIVE - 195	LEVERONI ROAD	CLAY STREET	2	R - Residential/Local	691	37	25567	A - AC	7/23/2019	80
FRYERC	195B	FRYER CREEK DRIVE - 195	CLAY STREET	HIKING PATH	2	R - Residential/Local	648	37	23976	A - AC	7/23/2019	3
FRYERC	195C	FRYER CREEK DRIVE - 195	HIKING PATH	NEWCOMB STREET	2	R - Residential/Local	665	37	24605	A - AC	7/23/2019	5
FRYERC	195D	FRYER CREEK DRIVE - 195	NEWCOMB STREET	MALET STREET	2	R - Residential/Local	735	33	24255	A - AC	7/23/2019	82
GARLAN	216	GARLAND COURT - 216	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	2	R - Residential/Local	305	33	10065	O - AC/AC	7/23/2019	77
GRANTC	187	GRANT COURT - 187	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	158	34	5372	A - AC	7/23/2019	82
GREVEL	109	GREVE LANE - 109	FOURTH STREET EAST	WILKING WAY	2	R - Residential/Local	449	33	14817	A - AC	7/22/2019	60
HARASZ	208	HARASZTHY DRIVE - 208	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	640	33	21120	A - AC	7/22/2019	80
HARRIN	190	HARRINGTON DRIVE - 190	FIFTH STREET WEST	LOT # 440/ PAVE CHG	2	R - Residential/Local	365	26	9490	A - AC	7/23/2019	81
HARRIN	191	HARRINGTON DRIVE - 190	LOT #440/ PAVE CHG	MANOR DRIVE	2	R - Residential/Local	544	17	9248	A - AC	7/23/2019	5
HAYES	209A	HAYES STREET - 209	BEG. OF PAVEMENT	ROAD WIDENS	2	R - Residential/Local	294	16	4704	A - AC	7/23/2019	95
HAYES	209B	HAYES STREET - 209	ROAD WIDENS	BETTENCOURT STREET	2	R - Residential/Local	187	33	6171	A - AC	7/23/2019	82
HEATHE	214	HEATHER LANE - 214	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	2	R - Residential/Local	496	33	16368	O - AC/AC	7/22/2019	88
HUDSON	145	HUDSON COURT - 145	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	371	33	12243	A - AC	7/23/2019	59
INGRAM	242	INGRAM DRIVE - 242	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	7/23/2019	77
IVYCT	215	IVY COURT - 215	HEATHER LANE	CUL DE SAC	2	R - Residential/Local	213	27	5751	O - AC/AC	7/22/2019	83

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JOAQUI	224A	JOAQUIN DRIVE - 224	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	2	R - Residential/Local	216	33	7128	A - AC	7/22/2019	64
JOAQUI	224B	JOAQUIN DRIVE - 224	100' SOUTH OF MITCHELL WAY	LASUEN STREET	2	R - Residential/Local	546	33	18018	A - AC	7/22/2019	86
JOAQUI	224C	JOAQUIN DRIVE - 224	LASUEN STREET	FIFTH STREET WEST	2	R - Residential/Local	1395	33	46035	A - AC	7/22/2019	69
JONES	243	JONES STREET - 243	TEMP DEAD END SOUTH	ENGLER STREET	2	R - Residential/Local	466	26	12116	A - AC	7/23/2019	66
JONES	243A	JONES STREET - 243	NAPA ROAD	100' SOUTH OF BROCKMAN DR	2	R - Residential/Local	290	24	6960	A - AC	7/23/2019	99
JUNIPE	217	JUNIPER COURT - 217	WHITE BRIAR DRIVE	CUL DE SAC	2	R - Residential/Local	173	27	4671	A - AC	7/23/2019	78
JUNIPE	223A	JUNIPERO SERRA DRIVE - 223	WEST SPAIN STREET	LASUEN STREET	2	R - Residential/Local	897	37	33189	O - AC/AC	7/22/2019	88
JUNIPE	223B	JUNIPERO SERRA DRIVE - 223	LASUEN STREET	VASQUEZ COURT	2	R - Residential/Local	567	37	20979	O - AC/AC	7/22/2019	88
JUNIPE	223C	JUNIPERO SERRA DRIVE - 223	VASQUEZ COURT	FANO LANE	2	R - Residential/Local	379	37	14023	O - AC/AC	7/22/2019	94
JUNIPE	223D	JUNIPERO SERRA DRIVE - 223	FANO LANE	VERANO AVENUE	2	R - Residential/Local	702	37	25974	O - AC/AC	7/22/2019	56
KNIGHT	132	KNIGHT STREET - 132	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	887	33	29271	A - AC	7/22/2019	67
LAQUIN	212	LA QUINTA LANE - 212	FIFTH STREET WEST	BERRYESSA DRIVE	2	R - Residential/Local	636	33	20988	A - AC	7/23/2019	83
LARKIN	155A	LARKIN DRIVE - 155	NAPA ROAD	DEWELL DRIVE	2	R - Residential/Local	447	38	16986	A - AC	7/23/2019	69
LARKIN	155B	LARKIN DRIVE - 155	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	2	R - Residential/Local	811	38	30818	A - AC	7/23/2019	81
LASCAS	104	LAS CASITAS COURT - 104	EAST SPAIN STREET	CUL DE SAC	2	R - Residential/Local	479	33	15807	A - AC	7/22/2019	59
LASUEN	235A	LASUEN STREET - 235	ROBINSON ROAD	JOAQUIN DRIVE	2	R - Residential/Local	603	37	22311	A - AC	7/23/2019	78
LASUEN	235B	LASUEN STREET - 235	JOAQUIN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	919	37	34003	A - AC	7/22/2019	83
LEECT	183	LEE COURT - 183	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	159	42	6678	A - AC	7/23/2019	80
LEVERO	160A	LEVERONI ROAD - 160	HIKING PATH	DAVID STREET	2	A - Arterial	650	48	31200	A - AC	7/23/2019	82
LEVERO	160B	LEVERONI ROAD - 160	DAVID STREET	234' WEST OF BROADWAY	2	A - Arterial	695	38	26410	A - AC	7/23/2019	79
LEVERO	160C	LEVERONI ROAD - 160	234' WEST OF BROADWAY	BROADWAY	2	A - Arterial	234	38	8892	O - AC/AC	7/23/2019	97
LINDA	207A	LINDA DRIVE - 207	MITCHELL WAY	FIFTH STEET WEST	2	R - Residential/Local	591	33	19503	A - AC	7/22/2019	69
LINDA	207B	LINDA DRIVE - 207	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	646	33	21318	A - AC	7/22/2019	72

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
LOVALL	107A	LOVALL VALLEY ROAD - 107	FOURTH STREET EAST	175' EAST OF WILKING WAY	2	R - Residential/Local	629	39	24531	A - AC	7/22/2019	55
LOVALL	107B	LOVALL VALLEY ROAD - 107	175' EAST OF WILKING WAY	CITY LIMIT/325' E. OF GEHRICKE	2	R - Residential/Local	1253	25	31325	A - AC	7/22/2019	99
LUBECK	201	LUBECK STREET - 201	FRYER CREEK DRIVE	TODD AVENUE	2	R - Residential/Local	417	33	13761	A - AC	7/23/2019	84
LUCCAC	111	LUCCA COURT - 111	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	258	33	8514	A - AC	7/22/2019	60
LYONLA	254	LYON LANE - 254	SONOMA HWY	PALOU ST	2	R - Residential/Local	290	30	8700	A - AC	7/22/2019	95
MACARE	133A	EAST MACARTHUR STREET - 133	BROADWAY	AUSTIN STREET	2	C - Collector	573	38	21774	O - AC/AC	7/23/2019	78
MACARE	133B	EAST MACARTHUR STREET - 133	AUSTIN STREET	THIRD STREET EAST	2	C - Collector	988	37	36556	O - AC/AC	7/23/2019	91
MACARE	133C	EAST MACARTHUR STREET - 133	THIRD STREET EAST	FIFTH STREET EAST	2	C - Collector	1315	36	47340	A - AC	7/23/2019	84
MACARE	133D	EAST MACARTHUR STREET - 133	FIFTH STREET EAST	CORDILLERAS DRIVE	2	C - Collector	821	38	31198	A - AC	7/23/2019	85
MACARE	133E	EAST MACARTHUR STREET - 133	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	2	C - Collector	951	31	29481	A - AC	7/22/2019	81
MACARL	249	MACARTHUR LANE - 249	SECOND STREET EAST	CUL DE SAC	2	R - Residential/Local	518	29	15022	A - AC	7/23/2019	92
MACARW	182A	WEST MACARTHUR STREET - 182	WEST DEAD END	FIFTH STREET WEST	2	R - Residential/Local	1061	39	41379	A - AC	7/23/2019	75
MACARW	182B	WEST MACARTHUR STREET - 182	FIFTH STREET WEST	MANOR DRIVE	2	C - Collector	1014	37	37518	O - AC/AC	7/23/2019	64
MACARW	182C	WEST MACARTHUR STREET - 182	MANOR DRIVE	SECOND STREET WEST	2	C - Collector	883	37	32671	O - AC/AC	7/23/2019	86
MACARW	182D	WEST MACARTHUR STREET - 182	SECOND STREET WEST	BROADWAY	2	C - Collector	932	37	34484	O - AC/AC	7/24/2019	69
MALET	184A	MALET STREET - 184	NEWCOMB ST	MALET ST BULBOUT	2	R - Residential/Local	951	16	15216	A - AC	7/23/2019	76
MALET	184B	MALET STREET - 184	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	277	30	8310	O - AC/AC	7/23/2019	99
MANOR	189A	MANOR DRIVE - 189	HARRINGTON DRIVE	HIKING PATH	2	R - Residential/Local	513	33	16929	A - AC	7/23/2019	21
MANOR	189B	MANOR DRIVE - 189	HIKING PATH	WEST MACARTHUR STREET	2	R - Residential/Local	1186	34	40324	A - AC	7/23/2019	80
MAPLE	166	MAPLE STREET - 166	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	266	28	7448	A - AC	7/24/2019	13
MARIAN	225	MARIANO COURT - 225	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	198	33	6534	A - AC	7/22/2019	69
MARIAN	225A	MARIANO DRIVE - 240	FANO LANE	HOUSE #705	2	R - Residential/Local	302	33	9966	A - AC	7/22/2019	69
MARIAN	225B	MARIANO DRIVE - 240	HOUSE #705	FIFTH STREET WEST	2	R - Residential/Local	955	33	31515	A - AC	7/22/2019	74

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
MCDONN	165	MCDONELL STREET - 165	WEST FIRST STREET	BROADWAY	2	R - Residential/Local	278	31	8618	A - AC	7/24/2019	45
MERRIT	228	MERRITT COURT - 228	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	179	33	5907	A - AC	7/22/2019	63
MISSIO	103	MISSION TERRACE - 103	FIRST STREET EAST	DEAD END	2	R - Residential/Local	306	27	8262	A - AC	7/22/2019	63
MITCHE	236	MITCHELL WAY - 236	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	2	R - Residential/Local	702	33	23166	A - AC	7/22/2019	77
MOLLCT	163A	MOLL COURT - 163	EAST SPAIN STREET	END OF TANGENT	2	R - Residential/Local	315	26	8190	A - AC	7/22/2019	77
MOLLCT	163B	MOLL COURT - 163	END OF TANGENT	EAST DEAD END	2	R - Residential/Local	150	59	8850	A - AC	7/22/2019	87
MONTIN	253	MONTINI LANE - 253	4TH ST WEST	5TH ST WEST	2	R - Residential/Local	630	30	18900	A - AC	7/22/2019	91
NAPAE	161A	EAST NAPA STREET - 161	BROADWAY	FIRST STREET EAST	2	A - Arterial	287	69	19803	A - AC	7/24/2019	98
NAPAE	161B	EAST NAPA STREET - 161	FIRST STREET EAST	THIRD STREET EAST	2	A - Arterial	1323	38	50274	A - AC	7/24/2019	77
NAPAE	161C	EAST NAPA STREET - 161	THIRD STREET EAST	FOURTH STREET EAST	2	A - Arterial	633	38	24054	A - AC	7/24/2019	74
NAPAE	161D	EAST NAPA STREET - 161	FOURTH STREET EAST	FIFTH STREET EAST	2	A - Arterial	664	38	25232	A - AC	7/24/2019	64
NAPAE	161E	EAST NAPA STREET - 161	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	2	R - Residential/Local	1159	30	34770	O - AC/AC	7/24/2019	72
NAPARD	158A	NAPA ROAD - 158	BROADWAY	742' EAST OF BROADWAY	2	A - Arterial	742	40	29680	O - AC/AC	7/24/2019	99
NAPARD	158B	NAPA ROAD - 158	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	2	A - Arterial	1197	32	38304	O - AC/AC	7/24/2019	99
NASHST	198	NASH STREET - 198	CLAY STREET	PICKETT STREET	2	R - Residential/Local	481	33	15873	A - AC	7/23/2019	12
NATALI	233	NATALINA COURT - 233	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	111	64	7104	A - AC	7/22/2019	62
NEILCT	133	NEIL COURT - 193	BEASLEY WAY	CUL DE SAC	2	R - Residential/Local	208	33	6864	A - AC	7/23/2019	61
NEWCOM	192A	NEWCOMB STREET - 192	DEAD END WEST OF FRYER CREEK	BROADWAY	2	R - Residential/Local	1521	28	42588	A - AC	7/24/2019	11
NEWCOM	192B	NEWCOMB STREET - 192	BROADWAY	HIGH SCHOOL PARKING LOT	3	R - Residential/Local	300	41	12300	A - AC	7/24/2019	82
NICOLI	181	NICOLI LANE - 181	FOURTH STREET WEST	CUL DE SAC	2	R - Residential/Local	563	32	18016	A - AC	7/24/2019	81
NORRBO	210	NORRBOIMM ROAD - 210	MOUNTAIN CEMETERY ROAD	2500' N. OF MTN. CEMETERY ROAD	2	R - Residential/Local	2500	20	50000	O - AC/AC	7/24/2019	12
OAK	147A	OAK LANE - 147	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	630	32	20160	A - AC	7/23/2019	79
OAK	147B	OAK LANE - 147	CHASE STREET	CUL DE SAC	2	R - Residential/Local	428	32	13696	A - AC	7/23/2019	86
OAK	147C	OAK LANE - 147	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	33	20064	A - AC	7/23/2019	68
OFARRE	241	OFARREL COURT - 241	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	115	33	3795	A - AC	7/22/2019	78

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OREGON	219A	OREGON STREET - 219	STUDLEY STREET	200' WEST OF SEVENTH STREET WEST	2	R - Residential/Local	1222	37	45214	O - AC/AC	7/22/2019	31
OREGON	219B	OREGON STREET - 219	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	2	R - Residential/Local	930	37	34410	O - AC/AC	7/22/2019	98
OREGON	219C	OREGON STREET - 219	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	478	33	15774	A - AC	7/23/2019	11
ORTEGA	226	ORTEGA COURT - 226	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	141	33	4653	A - AC	7/22/2019	66
OSENDA	234	OSENDA COURT - 234	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	105	64	6720	A - AC	7/22/2019	65
PALOU	221	PALOU STREET - 221	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	2	R - Residential/Local	359	33	11847	A - AC	7/22/2019	51
PATTEN	152A	PATTEN STREET - 152	BROADWAY	AUSTIN STREET	2	C - Collector	588	30	17640	O - AC/AC	7/23/2019	100
PATTEN	152B	PATTEN STREET - 152	AUSTIN STREET	SECOND STREET EAST	2	C - Collector	352	22	7744	A - AC	7/23/2019	72
PATTEN	152C	PATTEN STREET - 152	SECOND STREET EAST	OAK LANE	2	C - Collector	754	25	18850	A - AC	7/23/2019	82
PATTEN	152D	PATTEN STREET - 152	OAK LANE	FOURTH STREET EAST	2	C - Collector	510	25	12750	A - AC	7/23/2019	58
PATTEN	152E	PATTEN STREET - 152	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	638	25	15950	A - AC	7/23/2019	76
PATTEN	152F	PATTEN STREET - 152	FIFTH STREET EAST	CHARLES VAN DAMME WAY	2	R - Residential/Local	355	46	16330	A - AC	7/23/2019	81
PEARCE	244	PEARCE DRIVE - 244	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	7/23/2019	76
PEARTR	142	PEAR TREE COURT - 142	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	223	29	6467	A - AC	7/24/2019	72
PERKIN	168A	PERKINS STREET - 168	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	301	32	9632	A - AC	7/24/2019	66
PERKIN	168B	PERKINS STREET - 168	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	596	32	19072	A - AC	7/24/2019	61
PICKET	197	PICKETT STREET - 197	CLAY STREET	FRYER CREEK DRIVE	2	R - Residential/Local	862	33	28446	A - AC	7/23/2019	3
PINA	154	PINA AVENUE - 154	DEWELL DRIVE	LARKIN DRIVE	2	R - Residential/Local	328	33	10824	A - AC	7/23/2019	72
PUEBLA	157A	PUEBLO AVENUE - 157	TEMP DEAD END S	BROCKMAN LANE	2	R - Residential/Local	110	30	3300	A - AC	7/24/2019	82
QUEDO	126	QUEDO COURT - 126	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	161	27	4347	A - AC	7/22/2019	64
RAYCT	141	RAY COURT - 141	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	183	29	5307	A - AC	7/24/2019	88
ROBINR	222A	ROBINSON ROAD - 222	PALOU STREET	LASUEN STREET	2	R - Residential/Local	626	33	20658	A - AC	7/22/2019	81
ROBINR	222B	ROBINSON ROAD - 222	LASUEN STREET	150' NORTH OF FANO LANE	2	R - Residential/Local	1149	33	37917	A - AC	7/22/2019	82
ROBINS	177	ROBINSON STREET - 177	THE VILLAGE GREEN	THIRD STREET WEST	2	R - Residential/Local	321	33	10593	A - AC	7/24/2019	60
ROSALI	205	ROSALIE DRIVE - 205	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	642	30	19260	A - AC	7/22/2019	67

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SANLOR	255	SAN LORENZO COURT - 255	EAST NAPA ST	CUL-DE-SAC	2	R - Residential/Local	700	30	21000	A - AC	7/24/2019	98
SAUNDE	245	SAUNDERS DRIVE - 245	BROCKMAN LANE	FIFTH STREET EAST	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	62
SECOND	170A	SECOND STREET WEST - 170	WEST MACARTHUR STREET	ROAD WIDENS	2	C - Collector	342	31	10602	A - AC	7/24/2019	65
SECOND	170B	SECOND STREET WEST - 170	ROAD WIDENS	ANDRIEUX STREET	2	C - Collector	744	38	28272	A - AC	7/24/2019	61
SECOND	170C	SECOND STREET WEST - 170	ANDRIEUX STREET	WEST NAPA STREET	2	C - Collector	1464	38	55632	A - AC	7/24/2019	69
SECOND	170D	SECOND STREET WEST - 170	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	616	29	17864	A - AC	7/24/2019	100
SECONE	101A	SECOND STREET EAST - 101	EAST MACARTHUR	CHASE STREET	2	C - Collector	628	32	20096	A - AC	7/23/2019	52
SECONE	101A1	SECOND STREET EAST - 101	MACARTHUR LANE	EAST MACARTHUR STREET	2	R - Residential/Local	239	32	7648	A - AC	7/23/2019	79
SECONE	101B	SECOND STREET EAST - 101	CHASE STREET	FRANCE STREET	2	C - Collector	660	32	21120	A - AC	7/23/2019	62
SECONE	101C	SECOND STREET EAST - 101	FRANCE STREET	PATTEN STREET	2	C - Collector	643	32	20576	A - AC	7/23/2019	75
SECONE	101D	SECOND STREET EAST - 101	PATTEN STREET	EAST NAPA STREET	2	C - Collector	652	32	20864	A - AC	7/23/2019	57
SECONE	101D1	SECOND STREET EAST - 101	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	611	33	20163	A - AC	7/23/2019	44
SECONE	101E	SECOND STREET EAST - 101	EAST SPAIN STREET	HOUSE #327	2	C - Collector	401	23	9223	A - AC	7/22/2019	44
SECONE	101F	SECOND STREET EAST - 101	HOUSE #327	HIKING PATH	2	C - Collector	290	33	9570	A - AC	7/22/2019	86
SECONE	101G	SECOND STREET EAST - 101	HIKING PATH	BLUE WING DR	2	C - Collector	983	30	29490	A - AC	7/22/2019	83
SECONE	101H	SECOND STREET EAST - 101	BLUE WING DRIVE	HOUSE #80	2	R - Residential/Local	290	34	9860	A - AC	7/22/2019	71
SECONE	101I	SECOND STREET EAST - 101	HOUSE #80	CYPRESS STREET (PRIVATE)	2	R - Residential/Local	350	34	11900	A - AC	7/22/2019	59
SEREN	125	SERENO COURT - 125	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	172	27	4644	A - AC	7/22/2019	66
SEVENW	175A	SEVENTH STREET WEST - 175	CURTIN LANE	OREGON STREET	2	R - Residential/Local	239	37	8843	O - AC/AC	7/22/2019	98
SEVENW	175B	SEVENTH STREET WEST - 175	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	301	37	11137	O - AC/AC	7/22/2019	95

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SEVENW	175C	SEVENTH STREET WEST - 175	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	319	37	11803	O - AC/AC	7/22/2019	99
SEVENW	175D	SEVENTH STREET WEST - 175	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	663	37	24531	A - AC	7/22/2019	25
SHERMA	230	SHERMAN COURT - 230	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	7/22/2019	82
SIXTHE	100	SIXTH STREET EAST - 250	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	2	R - Residential/Local	900	36	32400	A - AC	7/22/2019	78
SIXTHW	174A	SIXTH STREET WEST - 174	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	307	37	11359	O - AC/AC	7/23/2019	94
SIXTHW	174B	SIXTH STREET WEST - 174	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	311	37	11507	A - AC	7/23/2019	4
SPAINW	105A	EAST SPAIN STREET - 105	FIRST STREET WEST	FIRST STREET EAST	2	R - Residential/Local	624	60	37440	O - AC/AC	7/24/2019	76
SPAINW	105B	EAST SPAIN STREET - 105	FIRST STREET EAST	SECOND STREET EAST	2	R - Residential/Local	655	37	24235	O - AC/AC	7/22/2019	89
SPAINW	105C	EAST SPAIN STREET - 105	SECOND STREET EAST	FOURTH STREET EAST	2	R - Residential/Local	1247	37	46139	O - AC/AC	7/22/2019	78
SPAINW	204A	WEST SPAIN STREET - 204	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	2	A - Arterial	903	37	33411	O - AC/AC	7/22/2019	61
SPAINW	204B	WEST SPAIN STREET - 204	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	2	A - Arterial	1306	37	48322	O - AC/AC	7/22/2019	98
SPAINW	204C	WEST SPAIN STREET - 204	FIFTH STREET WEST	FOURTH STREET WEST	2	A - Arterial	669	37	24753	O - AC/AC	7/22/2019	73
SPAINW	204D	WEST SPAIN STREET - 204	FOURTH STREET WEST	THIRD STREET WEST	2	A - Arterial	668	37	24716	A - AC	7/24/2019	100
SPAINW	204E	WEST SPAIN STREET - 204	THIRD STREET WEST	SECOND STREET WEST	2	A - Arterial	650	37	24050	O - AC/AC	7/24/2019	56
SPAINW	204G	WEST SPAIN STREET - 204	SECOND STREET WEST	FIRST STREET WEST	2	A - Arterial	652	37	24124	O - AC/AC	7/24/2019	82
STUDLE	220A	STUDLEY STREET - 220	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	2	R - Residential/Local	479	37	17723	O - AC/AC	7/22/2019	93
STUDLE	220A1	STUDLEY STREET - 220	OREGON ST	300' W OF 7TH ST W AT #790	2	R - Residential/Local	600	37	22200	A - AC	7/22/2019	64
STUDLE	220B	STUDLEY STREET - 220	SEVENTH STREET WEST	SIXTH STREET WEST	2	R - Residential/Local	411	37	15207	O - AC/AC	7/22/2019	91
STUDLE	220C1	STUDLEY STREET - 220	SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	629	37	22273	A - AC	7/23/2019	81
THIRDE	149A	THIRD STREET EAST - 149	CHASE STREET	CUL DE SAC	2	R - Residential/Local	403	32	12896	O - AC/AC	7/23/2019	41
THIRDE	149B	THIRD STREET EAST - 149	PATTEN STREET	200' NORTH OF PATTEN STREET	2	R - Residential/Local	200	32	6400	O - AC/AC	7/23/2019	84
THIRDE	149C	THIRD STREET EAST - 149	200' NORTH OF PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	431	20	8620	O - AC/AC	7/23/2019	95

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
THIRDW	171A	THIRD STREET WEST - 171	ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	390	34	13260	O - AC/AC	7/24/2019	97
THIRDW	171B	THIRD STREET WEST - 171	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	264	37	9768	O - AC/AC	7/24/2019	72
THIRDW	171C	THIRD STREET WEST - 171	ANDRIEUX STREET	ROBINSON STREET	2	C - Collector	896	37	33152	O - AC/AC	7/24/2019	82
THIRDW	171D	THIRD STREET WEST - 171	ROBINSON STREET	WEST NAPA STREET	2	C - Collector	549	40	21960	O - AC/AC	7/24/2019	87
THIRDW	171E	THIRD STREET WEST - 171	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	609	38	23142	A - AC	7/24/2019	92
TODDVA	200	TODD AVENUE - 200	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	2	R - Residential/Local	477	33	15741	A - AC	7/23/2019	88
TOWNE	128	TOWNE STREET - 128	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	892	33	29436	A - AC	7/23/2019	51
TRONAD	127	TRONADO COURT - 127	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	119	33	3927	A - AC	7/22/2019	53
VASQUE	229	VASQUEZ COURT - 229	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	139	33	4587	A - AC	7/22/2019	40
VERANO	239	VERANO AVENUE - 239	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	2	A - Arterial	1455	37	53835	A - AC	7/22/2019	84
VIGNA	178	VIGNA STREET - 178	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	182	23	4186	A - AC	7/24/2019	39
VIRGIN	144	VIRGINIA COURT - 144	CHASE STREET	CUL DE SAC	2	R - Residential/Local	436	33	14388	A - AC	7/23/2019	98
VISCHE	148	VISCHER COURT - 148	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	218	32	6976	A - AC	7/23/2019	23
WALNUT	115	WALNUT STREET - 115	FOURTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	624	26	16224	A - AC	7/23/2019	77
WHITEB	213	WHITE BRIAR DRIVE - 213	GARLAND AVENUE	HEATHER LANE	2	R - Residential/Local	567	33	18711	O - AC/AC	7/22/2019	81
WILKIN	108A	WILKING WAY - 108	LOVALL VALLEY ROAD	GREVE LANE	2	R - Residential/Local	651	33	21483	A - AC	7/24/2019	78
WILKIN	108B	WILKING WAY - 108	GREVE LANE	CUL DE SAC	2	R - Residential/Local	236	33	7788	A - AC	7/24/2019	59
WILLIA	116	WILLIAM CUNNINGHAM AVENUE - 116	CHARLES VAN DAMME	EAST DEAD END	2	R - Residential/Local	749	33	24717	A - AC	7/22/2019	71
YORKCT	146	YORK COURT - 146	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	408	33	13464	A - AC	7/23/2019	84
YOUNT	131	YOUNT STREET - 131	KNIGHT STREET	CUL DE SAC	2	R - Residential/Local	266	33	8778	A - AC	7/22/2019	48

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
AUREO AVENUE	121	AUREO COURT - 121	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	146	27	3942	A - AC	7/22/2019	100
	120A	AVENUE DEL ORO - 120	FIFTH STREET EAST	CORDILLERAS DRIVE	2	R - Residential/Local	779	33	25707	A - AC	7/22/2019	100
BRAZIL	110	BRAZIL STREET - 110	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	2	R - Residential/Local	607	16	9712	S - ST	7/22/2019	100
CASABO	251	CASA BONNE LANE - 251	4TH ST WEST	BAUDIN WAY	2	R - Residential/Local	336	20	6720	A - AC	7/22/2019	100
CURTIN	218A	CURTIN LANE - 218	SEVENTH STREET WEST	HOUSE #601	2	R - Residential/Local	351	33	11583	O - AC/AC	7/22/2019	100
CURTIN	218B	CURTIN LANE - 218	HOUSE #601	FIFTH STREET WEST	2	R - Residential/Local	603	33	19899	O - AC/AC	7/22/2019	100
ELECT	136	ESTE MADERA COURT - 136	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	302	27	8154	A - AC	7/22/2019	100
FOURTE	112H	FOURTH STREET EAST - 112	EAST NAPA STREET	NATHANSON CREEK	2	A - Arterial	504	28	14112	A - AC	7/23/2019	100
FOURTW	172C	FOURTH STREET WEST - 172	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	265	37	9805	A - AC	7/24/2019	100
PATTEN	152A	PATTEN STREET - 152	BROADWAY	AUSTIN STREET	2	C - Collector	588	30	17640	O - AC/AC	7/23/2019	100
SECOND	170D	SECOND STREET WEST - 170	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	616	29	17864	A - AC	7/24/2019	100
SPAINW	204D	WEST SPAIN STREET - 204	FOURTH STREET WEST	THIRD STREET WEST	2	A - Arterial	668	37	24716	A - AC	7/24/2019	100
BETTEN	179A	BETTENCOURT STREET - 179	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	611	32	19552	O - AC/AC	7/23/2019	99
CHURCH	203A	CHURCH STREET - 203	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	631	32	20192	O - AC/AC	7/22/2019	99
DONNER	150	DONNER AVENUE - 150	MACARTHUR LANE	EAST MACARTHUR AVENUE	2	R - Residential/Local	250	26	6500	A - AC	7/23/2019	99
FRANCE	151B	FRANCE STREET - 151	SECOND STREET	OAK LANE	2	C - Collector	749	35	26215	A - AC	7/23/2019	99
JONES	243A	JONES STREET - 243	NAPA ROAD	100' SOUTH OF BROCKMAN DR	2	R - Residential/Local	290	24	6960	A - AC	7/23/2019	99
LOVALL	107B	LOVALL VALLEY ROAD - 107	175' EAST OF WILKING WAY	CITY LIMIT/325' E. OF GEHRICKE	2	R - Residential/Local	1253	25	31325	A - AC	7/22/2019	99
MALET	184B	MALET STREET - 184	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	277	30	8310	O - AC/AC	7/23/2019	99
NAPARD	158A	NAPA ROAD - 158	BROADWAY	742' EAST OF BROADWAY	2	A - Arterial	742	40	29680	O - AC/AC	7/24/2019	99
NAPARD	158B	NAPA ROAD - 158	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	2	A - Arterial	1197	32	38304	O - AC/AC	7/24/2019	99
SEVENW	175C	SEVENTH STREET WEST - 175	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	319	37	11803	O - AC/AC	7/22/2019	99
BAUDIN	252	BAUDIN WAY - 252	CASA BONNE LN	DEAD END	2	R - Residential/Local	186	20	3720	A - AC	7/22/2019	98
ELNIDO	122	EL NIDO COURT - 122	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	292	28	8176	A - AC	7/22/2019	98

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ESTEDR	134C	ESTE MADERA DRIVE - 134	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	396	33	13068	A - AC	7/22/2019	98
FRANCE	151C	FRANCE STREET - 151	OAK LANE	FOURTH STREET EAST	2	C - Collector	491	35	17185	A - AC	7/23/2019	98
NAPAE	161A	EAST NAPA STREET - 161	BROADWAY	FIRST STREET EAST	2	A - Arterial	287	69	19803	A - AC	7/24/2019	98
OREGON	219B	OREGON STREET - 219	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	2	R - Residential/Local	930	37	34410	O - AC/AC	7/22/2019	98
SANLOR	255	SAN LORENZO COURT - 255	EAST NAPA ST	CUL-DE-SAC	2	R - Residential/Local	700	30	21000	A - AC	7/24/2019	98
SEVENW	175A	SEVENTH STREET WEST - 175	CURTIN LANE	OREGON STREET	2	R - Residential/Local	239	37	8843	O - AC/AC	7/22/2019	98
SPAINW	204B	WEST SPAIN STREET - 204	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	2	A - Arterial	1306	37	48322	O - AC/AC	7/22/2019	98
VIRGIN	144	VIRGINIA COURT - 144	CHASE STREET	CUL DE SAC	2	R - Residential/Local	436	33	14388	A - AC	7/23/2019	98
LEVERO	160C	LEVERONI ROAD - 160	234' WEST OF BROADWAY	BROADWAY	2	A - Arterial	234	38	8892	O - AC/AC	7/23/2019	97
THIRDW	171A	THIRD STREET WEST - 171	ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	390	34	13260	O - AC/AC	7/24/2019	97
ANDRIE	167C	ANDRIEUX STREET - 167	FOURTH STREET WEST	THIRD STREET WEST	2	C - Collector	661	33	21813	O - AC/AC	7/24/2019	95
FIFTHE	143	FIFTH STREET EAST - 143	CITY LIMITS / HOUSE #20419	DENMARK STREET	2	A - Arterial	1240	30	37200	A - AC	7/24/2019	95
HAYES	209A	HAYES STREET - 209	BEG. OF PAVEMENT	ROAD WIDENS	2	R - Residential/Local	294	16	4704	A - AC	7/23/2019	95
LYONLA	254	LYON LANE - 254	SONOMA HWY	PALOU ST	2	R - Residential/Local	290	30	8700	A - AC	7/22/2019	95
SEVENW	175B	SEVENTH STREET WEST - 175	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	301	37	11137	O - AC/AC	7/22/2019	95
THIRDE	149C	THIRD STREET EAST - 149	200' NORTH OF PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	431	20	8620	O - AC/AC	7/23/2019	95
AVENUE	120C	AVENUE DEL ORO - 120	HOUSE #693	APPLETON WAY	2	R - Residential/Local	331	33	10923	A - AC	7/22/2019	94
DONNER	150B	DONNER AVENUE - 150	CHASE STREET	DEAD END	2	R - Residential/Local	312	32	9984	O - AC/AC	7/23/2019	94
JUNIPE	223C	JUNIPERO SERRA DRIVE - 223	VASQUEZ COURT	FANO LANE	2	R - Residential/Local	379	37	14023	O - AC/AC	7/22/2019	94
SIXTHW	174A	SIXTH STREET WEST - 174	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	307	37	11359	O - AC/AC	7/23/2019	94
BETTEN	179C	BETTENCOURT STREET - 179	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	643	34	21862	O - AC/AC	7/24/2019	93
STUDLE	220A	STUDLEY STREET - 220	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	2	R - Residential/Local	479	37	17723	O - AC/AC	7/22/2019	93
FIRSTW	169H	FIRST STREET WEST - 169	WEST SPAIN STREET	HOUSE #344	2	A - Arterial	387	38	14706	A - AC	7/24/2019	92
MACARL	249	MACARTHUR LANE - 249	SECOND STREET EAST	CUL DE SAC	2	R - Residential/Local	518	29	15022	A - AC	7/23/2019	92

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
THIRDW	171E	THIRD STREET WEST - 171	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	609	38	23142	A - AC	7/24/2019	92
BLUEWI	102	BLUE WING DRIVE - 102	FIRST STREET EAST	SECOND STREET EAST	2	C - Collector	628	32	20096	A - AC	7/22/2019	91
BROCKM	137A	BROCKMAN DRIVE - 137	DENMARK STREET	CUL DE SAC	2	R - Residential/Local	664	33	21912	A - AC	7/23/2019	91
DENMAR	138C	DENMARK STREET - 138	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	254	26	6604	A - AC	7/24/2019	91
ESTEDR	134A	ESTE MADERA DRIVE - 134	EAST MACARTHUR STREET	ESTE MADERA LANE	2	R - Residential/Local	797	33	26301	A - AC	7/22/2019	91
ESTELN	135	ESTE MADERA LANE - 135	EAST FIFTH STREET	ESTE MADERA DRIVE	2	R - Residential/Local	232	33	7656	A - AC	7/22/2019	91
MACARE	133B	EAST MACARTHUR STREET - 133	AUSTIN STREET	THIRD STREET EAST	2	C - Collector	988	37	36556	O - AC/AC	7/23/2019	91
MONTIN	253	MONTINI LANE - 253	4TH ST WEST	5TH ST WEST	2	R - Residential/Local	630	30	18900	A - AC	7/22/2019	91
STUDLE	220B	STUDLEY STREET - 220	SEVENTH STREET WEST	SIXTH STREET WEST	2	R - Residential/Local	411	37	15207	O - AC/AC	7/22/2019	91
ENGLER	246	ENGLER STREET - 246	BROCKMAN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	90
FOURTE	112P	FOURTH STREET EAST - 112	150' SOUTH OF LUCCA COURT	BRAZIL STREET	2	C - Collector	1039	28	27296	A - AC	7/22/2019	90
BETTEN	179B	BETTENCOURT STREET - 179	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	649	34	22066	O - AC/AC	7/24/2019	89
DENMAR	138A	DENMARK STREET - 138	DEAD END WEST OF BROCKMAN DR	GARRY LANE	2	R - Residential/Local	537	33	17721	A - AC	7/24/2019	89
ESTEDR	134B	ESTE MADERA DRIVE - 134	ESTE MADERA LANE	END OF LOOP	2	R - Residential/Local	1044	33	34452	A - AC	7/22/2019	89
SPAIN	105B	EAST SPAIN STREET - 105	FIRST STREET EAST	SECOND STREET EAST	2	R - Residential/Local	655	37	24235	O - AC/AC	7/22/2019	89
FOURTE	112O	FOURTH STREET EAST - 112	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	2	C - Collector	942	32	29648	A - AC	7/22/2019	88
HEATHE	214	HEATHER LANE - 214	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	2	R - Residential/Local	496	33	16368	O - AC/AC	7/22/2019	88
JUNIPE	223A	JUNIPEO SERRA DRIVE - 223	WEST SPAIN STREET	LASUEN STREET	2	R - Residential/Local	897	37	33189	O - AC/AC	7/22/2019	88
JUNIPE	223B	JUNIPEO SERRA DRIVE - 223	LASUEN STREET	VASQUEZ COURT	2	R - Residential/Local	567	37	20979	O - AC/AC	7/22/2019	88
RAYCT	141	RAY COURT - 141	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	183	29	5307	A - AC	7/24/2019	88
TODDVA	200	TODD AVENUE - 200	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	2	R - Residential/Local	477	33	15741	A - AC	7/23/2019	88
DAVILA	140	DAVILA COURT - 140	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	317	33	10461	A - AC	7/24/2019	87
FIRSTE	100A	FIRST STREET EAST - 100	PATTEN STREET	EAST NAPA STREET	2	C - Collector	612	34	20808	A - AC	7/23/2019	87
MOLLCT	163B	MOLL COURT - 163	END OF TANGENT	EAST DEAD END	2	R - Residential/Local	150	59	8850	A - AC	7/22/2019	87

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THIRDW	171D	THIRD STREET WEST - 171	ROBINSON STREET	WEST NAPA STREET	2	C - Collector	549	40	21960	O - AC/AC	7/24/2019	87
BERRYE	186	BERRYESSA DRIVE - 186	LA QUINTA	EVANS AVENUE	2	R - Residential/Local	416	33	13728	A - AC	7/23/2019	86
DEWELL	156	DEWELL DRIVE - 156	LARKIN DRIVE	FINE AVENUE	2	R - Residential/Local	969	38	36822	A - AC	7/23/2019	86
JOAQUI	224B	JOAQUIN DRIVE - 224	100' SOUTH OF MITCHELL WAY	LASUEN STREET	2	R - Residential/Local	546	33	18018	A - AC	7/22/2019	86
MACARW	182C	WEST MACARTHUR STREET - 182	MANOR DRIVE	SECOND STREET WEST	2	C - Collector	883	37	32671	O - AC/AC	7/23/2019	86
OAK	147B	OAK LANE - 147	CHASE STREET	CUL DE SAC	2	R - Residential/Local	428	32	13696	A - AC	7/23/2019	86
SECONE	101F	SECOND STREET EAST - 101	HOUSE #327	HIKING PATH	2	C - Collector	290	33	9570	A - AC	7/22/2019	86
BERRYE	188	BERRYESSA COURT - 188	BERRYESSA DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	7/23/2019	85
CARSON	231	CARSON COURT - 231	LASUEN STREET	CUL DE SAC	2	R - Residential/Local	193	33	6369	A - AC	7/22/2019	85
EASTIN	139	EASTIN DRIVE - 139	DENMARK STREET	FIFTH STREET EAST	2	R - Residential/Local	1308	33	43164	A - AC	7/24/2019	85
FIRSTW	169B	FIRST STREET WEST - 169	HOUSE #20054	MALET STREET	2	R - Residential/Local	354	26	9204	A - AC	7/24/2019	85
MACARE	133D	EAST MACARTHUR STREET - 133	FIFTH STREET EAST	CORDILLERAS DRIVE	2	C - Collector	821	38	31198	A - AC	7/23/2019	85
BROCKM	137C	BROCKMAN DRIVE - 137	JONES STREET	LOT #366/PAVE CHG	2	R - Residential/Local	405	30	12150	A - AC	7/23/2019	84
CONTEN	123	CONTENTO COURT - 123	CORDILLERAS DRIVE	CUL DE SAC	2	R - Residential/Local	202	27	5454	A - AC	7/22/2019	84
CORDIL	124B	CORDILLERAS DRIVE - 124	AVENUE DEL ORO	PRIVATE DRIVE	2	R - Residential/Local	297	33	9801	A - AC	7/22/2019	84
FIFTHW	173A2	FIFTH STREET WEST - 173	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	2	A - Arterial	175	49	8575	A - AC	7/23/2019	84
LUBECK	201	LUBECK STREET - 201	FRYER CREEK DRIVE	TODD AVENUE	2	R - Residential/Local	417	33	13761	A - AC	7/23/2019	84
MACARE	133C	EAST MACARTHUR STREET - 133	THIRD STREET EAST	FIFTH STREET EAST	2	C - Collector	1315	36	47340	A - AC	7/23/2019	84
THIRDE	149B	THIRD STREET EAST - 149	PATTEN STREET	200' NORTH OF PATTEN STREET	2	R - Residential/Local	200	32	6400	O - AC/AC	7/23/2019	84
VERANO	239	VERANO AVENUE - 239	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	2	A - Arterial	1455	37	53835	A - AC	7/22/2019	84
YORKCT	146	YORK COURT - 146	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	408	33	13464	A - AC	7/23/2019	84
IVYCT	215	IVY COURT - 215	HEATHER LANE	CUL DE SAC	2	R - Residential/Local	213	27	5751	O - AC/AC	7/22/2019	83
LAQUIN	212	LA QUINTA LANE - 212	FIFTH STREET WEST	BERRYESSA DRIVE	2	R - Residential/Local	636	33	20988	A - AC	7/23/2019	83
LASUEN	235B	LASUEN STREET - 235	JOAQUIN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	919	37	34003	A - AC	7/22/2019	83
SECONE	101G	SECOND STREET EAST - 101	HIKING PATH	BLUE WING DR	2	C - Collector	983	30	29490	A - AC	7/22/2019	83
CHARLE	114A	CHARLES VAN DAMME WAY - 114	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	451	33	14883	A - AC	7/24/2019	82

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
FIFTH	143E	FIFTH STREET EAST - 143	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	660	37	24420	O - AC/AC	7/24/2019	82
FIFTH	173D	FIFTH STREET WEST - 173	WEST NAPA ROAD	WEST SPAIN STREET	2	A - Arterial	619	37	22903	O - AC/AC	7/23/2019	82
FOURTH	172A	FOURTH STREET WEST - 172	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	2	R - Residential/Local	646	18	11628	A - AC	7/24/2019	82
FOURTH	172E	FOURTH STREET WEST - 172	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	604	37	22348	A - AC	7/22/2019	82
FRYER	195D	FRYER CREEK DRIVE - 195	NEWCOMB STREET	MALET STREET	2	R - Residential/Local	735	33	24255	A - AC	7/23/2019	82
GRANT	187	GRANT COURT - 187	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	158	34	5372	A - AC	7/23/2019	82
HAYES	209B	HAYES STREET - 209	ROAD WIDENS	BETTENCOURT STREET	2	R - Residential/Local	187	33	6171	A - AC	7/23/2019	82
LEVERO	160A	LEVERONI ROAD - 160	HIKING PATH	DAVID STREET	2	A - Arterial	650	48	31200	A - AC	7/23/2019	82
NEWCOM	192B	NEWCOMB STREET - 192	BROADWAY	HIGH SCHOOL PARKING LOT	3	R - Residential/Local	300	41	12300	A - AC	7/24/2019	82
PATTEN	152C	PATTEN STREET - 152	SECOND STREET EAST	OAK LANE	2	C - Collector	754	25	18850	A - AC	7/23/2019	82
PUEBLA	157A	PUEBLO AVENUE - 157	TEMP DEAD END S	BROCKMAN LANE	2	R - Residential/Local	110	30	3300	A - AC	7/24/2019	82
ROBINR	222B	ROBINSON ROAD - 222	LASUEN STREET	150' NORTH OF FANO LANE	2	R - Residential/Local	1149	33	37917	A - AC	7/22/2019	82
SHERMA	230	SHERMAN COURT - 230	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	7/22/2019	82
SPAINW	204G	WEST SPAIN STREET - 204	SECOND STREET WEST	FIRST STREET WEST	2	A - Arterial	652	37	24124	O - AC/AC	7/24/2019	82
THIRDW	171C	THIRD STREET WEST - 171	ANDRIEUX STREET	ROBINSON STREET	2	C - Collector	896	37	33152	O - AC/AC	7/24/2019	82
BRAGG	211	BRAGG STREET - 211	CLAY STREET	DEAD END NORTH OF COOPER ST	2	R - Residential/Local	335	33	11055	A - AC	7/23/2019	81
CHASES	119E	CHASE STREET - 119	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	399	33	13167	A - AC	7/23/2019	81
CHURCH	203B	CHURCH STREET - 203	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	611	32	19552	A - AC	7/22/2019	81
FIRSTE	100B	FIRST STREET EAST - 100	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	608	65	39520	A - AC	7/23/2019	81
HARRIN	190	HARRINGTON DRIVE - 190	FIFTH STREET WEST	LOT # 440/ PAVE CHG	2	R - Residential/Local	365	26	9490	A - AC	7/23/2019	81
LARKIN	155B	LARKIN DRIVE - 155	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	2	R - Residential/Local	811	38	30818	A - AC	7/23/2019	81
MACARE	133E	EAST MACARTHUR STREET - 133	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	2	C - Collector	951	31	29481	A - AC	7/22/2019	81
NICOLI	181	NICOLI LANE - 181	FOURTH STREET WEST	CUL DE SAC	2	R - Residential/Local	563	32	18016	A - AC	7/24/2019	81
PATTEN	152F	PATTEN STREET - 152	FIFTH STREET EAST	CHARLES VAN DAMME WAY	2	R - Residential/Local	355	46	16330	A - AC	7/23/2019	81
ROBINR	222A	ROBINSON ROAD - 222	PALOU STREET	LASUEN STREET	2	R - Residential/Local	626	33	20658	A - AC	7/22/2019	81
STUDLE	220C1	STUDLEY STREET - 220	SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	629	37	22273	A - AC	7/23/2019	81

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
WHITEB	213	WHITE BRIAR DRIVE - 213	GARLAND AVENUE	HEATHER LANE	2	R - Residential/Local	567	33	18711	O - AC/AC	7/22/2019	81
CHASES	119B	CHASE STREET - 119	SECOND STREET EAST	THIRD STREET EAST	2	C - Collector	566	32	18112	A - AC	7/23/2019	80
FIRSTW	169A	FIRST STREET WEST - 169	NEWCOMB STREET	HOUSE #20054	2	R - Residential/Local	291	20	5820	A - AC	7/24/2019	80
FOURTW	172H	FOURTH STREET WEST - 172	WEST SPAIN ST	300' N OF CASA BONNE	2	R - Residential/Local	580	30	17400	A - AC	7/22/2019	80
FRYERC	195A	FRYER CREEK DRIVE - 195	LEVERONI ROAD	CLAY STREET	2	R - Residential/Local	691	37	25567	A - AC	7/23/2019	80
HARASZ	208	HARASZTHY DRIVE - 208	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	640	33	21120	A - AC	7/22/2019	80
LEECT	183	LEE COURT - 183	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	159	42	6678	A - AC	7/23/2019	80
MANOR	189B	MANOR DRIVE - 189	HIKING PATH	WEST MACARTHUR STREET	2	R - Residential/Local	1186	34	40324	A - AC	7/23/2019	80
FIFTHE	143C	FIFTH STREET EAST - 143	EAST MACARTHUR STREET	FRANCE STREET	2	A - Arterial	1247	37	46139	O - AC/AC	7/24/2019	79
FOURTE	112I	FOURTH STREET EAST - 112	NATHANSON CREEK	EAST SPAIN STREET	2	A - Arterial	130	32	4160	A - AC	7/24/2019	79
LEVERO	160B	LEVERONI ROAD - 160	DAVID STREET	234' WEST OF BROADWAY	2	A - Arterial	695	38	26410	A - AC	7/23/2019	79
OAK	147A	OAK LANE - 147	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	630	32	20160	A - AC	7/23/2019	79
SECON	101A1	SECOND STREET EAST - 101	MACARTHUR LANE	EAST MACARTHUR STREET	2	R - Residential/Local	239	32	7648	A - AC	7/23/2019	79
ARGUJEL	238	ARGUELLO COURT - 238	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	249	33	8217	A - AC	7/22/2019	78
CLAYST	159A	CLAY STREET - 159	FRYER CREEK DRIVE	BROADWAY	2	R - Residential/Local	1471	37	54427	A - AC	7/23/2019	78
FANOLN	237B	FANO LANE - 237	JUNIPERO SERRA STREET	FIFTH STREET WEST	2	R - Residential/Local	1157	33	38181	O - AC/AC	7/22/2019	78
JUNUPE	217	JUNIPER COURT - 217	WHITE BRIAR DRIVE	CUL DE SAC	2	R - Residential/Local	173	27	4671	A - AC	7/23/2019	78
LASUEN	235A	LASUEN STREET - 235	ROBINSON ROAD	JOAQUIN DRIVE	2	R - Residential/Local	603	37	22311	A - AC	7/23/2019	78
MACARE	133A	EAST MACARTHUR STREET - 133	BROADWAY	AUSTIN STREET	2	C - Collector	573	38	21774	O - AC/AC	7/23/2019	78
OFARRE	241	OFARREL COURT - 241	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	115	33	3795	A - AC	7/22/2019	78
SIXTHE	100	SIXTH STREET EAST - 250	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	2	R - Residential/Local	900	36	32400	A - AC	7/22/2019	78
SPAIN	105C	EAST SPAIN STREET - 105	SECOND STREET EAST	FOURTH STREET EAST	2	R - Residential/Local	1247	37	46139	O - AC/AC	7/22/2019	78
WILKIN	108A	WILKING WAY - 108	LOVALL VALLEY ROAD	GREVE LANE	2	R - Residential/Local	651	33	21483	A - AC	7/24/2019	78
EDACT	232	EDA COURT - 232	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	130	20	2600	A - AC	7/22/2019	77
GARLAN	216	GARLAND COURT - 216	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	2	R - Residential/Local	305	33	10065	O - AC/AC	7/23/2019	77
INGRAM	242	INGRAM DRIVE - 242	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	7/23/2019	77

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
MITCHE	236	MITCHELL WAY - 236	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	2	R - Residential/Local	702	33	23166	A - AC	7/22/2019	77
MOLLCT	163A	MOLL COURT - 163	EAST SPAIN STREET	END OF TANGENT	2	R - Residential/Local	315	26	8190	A - AC	7/22/2019	77
NAPAE	161B	EAST NAPA STREET - 161	FIRST STREET EAST	THIRD STREET EAST	2	A - Arterial	1323	38	50274	A - AC	7/24/2019	77
WALNUT	115	WALNUT STREET - 115	FOURTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	624	26	16224	A - AC	7/23/2019	77
ANDRIE	167A	ANDRIEUX STREET - 167	CUL DE SAC	FIFTH STREET	2	R - Residential/Local	1242	39	48438	O - AC/AC	7/23/2019	76
CHARLE	114B	CHARLES VAN DAMME WAY - 114	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	2	R - Residential/Local	1436	48	68928	A - AC	7/24/2019	76
FRANCE	151A	FRANCE STREET - 151	BROADWAY	SECOND STREET	2	C - Collector	919	32	29408	A - AC	7/23/2019	76
MALET	184A	MALET STREET - 184	NEWCOMB ST	MALET ST BULBOUT	2	R - Residential/Local	951	16	15216	A - AC	7/23/2019	76
PATTEN	152E	PATTEN STREET - 152	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	638	25	15950	A - AC	7/23/2019	76
PEARCE	244	PEARCE DRIVE - 244	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	7/23/2019	76
SPAIN	105A	EAST SPAIN STREET - 105	FIRST STREET WEST	FIRST STREET EAST	2	R - Residential/Local	624	60	37440	O - AC/AC	7/24/2019	76
ARROY	180	ARROYO WAY - 180	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	613	32	19616	A - AC	7/24/2019	75
BROCKM	137B	BROCKMAN DRIVE - 137	CUL DE SAC/BULB	LOT #366/PAVE CHG	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	75
EVANS	185	EVANS AVENUE - 185	CUL DE SAC WEST OF BERRYSSA	MANOR DRIVE	2	R - Residential/Local	602	33	19866	A - AC	7/23/2019	75
FIFTHW	173A	FIFTH STREET WEST - 173	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	2	A - Arterial	1287	49	63063	A - AC	7/23/2019	75
MACARW	182A	WEST MACARTHUR STREET - 182	WEST DEAD END	FIFTH STREET WEST	2	R - Residential/Local	1061	39	41379	A - AC	7/23/2019	75
SECON	101C	SECOND STREET EAST - 101	FRANCE STREET	PATTEN STREET	2	C - Collector	643	32	20576	A - AC	7/23/2019	75
CORDIL	124A	CORDILLERAS DRIVE - 124	MACARTHUR STREET	AVENUE DEL ORO	2	R - Residential/Local	552	33	18216	A - AC	7/22/2019	74
FIFTHW	173F	FIFTH STREET WEST - 173	CLAUDIA DRIVE	HARASZTHY DRIVE	2	A - Arterial	531	37	19647	O - AC/AC	7/23/2019	74
MARIAN	225B	MARIANO DRIVE - 240	HOUSE #705	FIFTH STREET WEST	2	R - Residential/Local	955	33	31515	A - AC	7/22/2019	74
NAPAE	161C	EAST NAPA STREET - 161	THIRD STREET EAST	FOURTH STREET EAST	2	A - Arterial	633	38	24054	A - AC	7/24/2019	74
ANDRIE	167E	ANDRIEUX STREET - 167	SECOND STREET WEST	FIRST STREET WEST	2	C - Collector	664	38	25232	O - AC/AC	7/24/2019	73
DONNER	150C	DONNER AVENUE - 150	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	32	19456	A - AC	7/23/2019	73
FIFTHE	143B	FIFTH STREET EAST - 143	ESTE MADERA LANE	EAST MACARTHUR STREET	2	A - Arterial	683	27	18441	O - AC/AC	7/24/2019	73
SPAINW	204C	WEST SPAIN STREET - 204	FIFTH STREET WEST	FOURTH STREET WEST	2	A - Arterial	669	37	24753	O - AC/AC	7/22/2019	73
FIFTHW	173G	FIFTH STREET WEST - 173	HARASZTHY DRIVE	VERANO AVENUE	2	A - Arterial	956	29	27724	O - AC/AC	7/23/2019	72
FIRSTE	100C	FIRST STREET EAST - 100	EAST SPAIN STREET	HIKING PATH	2	C - Collector	771	35	26985	A - AC	7/22/2019	72
LINDA	207B	LINDA DRIVE - 207	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	646	33	21318	A - AC	7/22/2019	72

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
NAPAE	161E	EAST NAPA STREET - 161	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	2	R - Residential/Local	1159	30	34770	O - AC/AC	7/24/2019	72
PATTEN	152B	PATTEN STREET - 152	AUSTIN STREET	SECOND STREET EAST	2	C - Collector	352	22	7744	A - AC	7/23/2019	72
PEARTR	142	PEAR TREE COURT - 142	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	223	29	6467	A - AC	7/24/2019	72
PINA AV	154	PINA AVENUE - 154	DEWELL DRIVE	LARKIN DRIVE	2	R - Residential/Local	328	33	10824	A - AC	7/23/2019	72
THIRD W	171B	THIRD STREET WEST - 171	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	264	37	9768	O - AC/AC	7/24/2019	72
DANIEL	118	DANIEL YOUNG DRIVE - 118	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	433	37	16021	A - AC	7/22/2019	71
FIRST W	169E	FIRST STREET WEST - 169	WEST MACARTHUR STREET	ANDRIEUX STREET	2	R - Residential/Local	1256	32	40192	A - AC	7/24/2019	71
FIRST W	169F	FIRST STREET WEST - 169	ANDRIEUX STREET	WEST NAPA STREET	2	R - Residential/Local	1245	36	44820	A - AC	7/24/2019	71
SECON E	101H	SECOND STREET EAST - 101	BLUE WING DRIVE	HOUSE #80	2	R - Residential/Local	290	34	9860	A - AC	7/22/2019	71
WILLIA	116	WILLIAM CUNNINGHAM AVENUE - 116	CHARLES VAN DAMME	EAST DEAD END	2	R - Residential/Local	749	33	24717	A - AC	7/22/2019	71
AVENUE	120B	AVENUE DEL ORO - 120	CORDILLERAS DRIVE	HOUSE #693	2	R - Residential/Local	801	33	26433	A - AC	7/22/2019	70
COOPER	199	COOPER STREET - 199	PICKETT DRIVE	BRAGG STREET	2	R - Residential/Local	589	33	19437	A - AC	7/23/2019	70
COXST	191	COX STREET - 191	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	2	R - Residential/Local	647	37	23939	A - AC	7/23/2019	70
FOURTE	112B	FOURTH STREET EAST - 112	CHASE STREET	PATTEN STREET	2	R - Residential/Local	1247	32	39904	A - AC	7/23/2019	70
FIRST W	169D	FIRST STREET WEST - 169	HOUSE #19995	WEST MACARTHUR STREET	2	R - Residential/Local	305	36	10980	A - AC	7/24/2019	69
FIRST W	169G	FIRST STREET WEST - 169	WEST NAPA STREET	WEST SPAIN STREET	2	A - Arterial	596	60	35760	A - AC	7/24/2019	69
FOURTW	172D	FOURTH STREET WEST - 172	ANDRIEUX STREET	NORTH DEAD END	2	R - Residential/Local	445	20	8900	A - AC	7/24/2019	69
JOAQUI	224C	JOAQUIN DRIVE - 224	LASUEN STREET	FIFTH STREET WEST	2	R - Residential/Local	1395	33	46035	A - AC	7/22/2019	69
LARKIN	155A	LARKIN DRIVE - 155	NAPA ROAD	DEWELL DRIVE	2	R - Residential/Local	447	38	16986	A - AC	7/23/2019	69
LINDA	207A	LINDA DRIVE - 207	MITCHELL WAY	FIFTH STREET WEST	2	R - Residential/Local	591	33	19503	A - AC	7/22/2019	69
MACARW	182D	WEST MACARTHUR STREET - 182	SECOND STREET WEST	BROADWAY	2	C - Collector	932	37	34484	O - AC/AC	7/24/2019	69
MARIAN	225	MARIANO COURT - 225	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	198	33	6534	A - AC	7/22/2019	69
MARIAN	225A	MARIANO DRIVE - 240	FANO LANE	HOUSE #705	2	R - Residential/Local	302	33	9966	A - AC	7/22/2019	69
SECON D	170C	SECOND STREET WEST - 170	ANDRIEUX STREET	WEST NAPA STREET	2	C - Collector	1464	38	55632	A - AC	7/24/2019	69
ANDRIE	167D	ANDRIEUX STREET - 167	THIRD STREET WEST	SECOND STREET WEST	2	C - Collector	641	38	24358	O - AC/AC	7/24/2019	68
FIFTH E	143D	FIFTH STREET EAST - 143	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	684	37	25308	O - AC/AC	7/24/2019	68

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
OAK	147C	OAK LANE - 147	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	33	20064	A - AC	7/23/2019	68
AUSTIN	162C	AUSTIN AVENUE - 162	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	604	33	19932	A - AC	7/23/2019	67
FIFTHW	173E	FIFTH STREET WEST - 173	WEST SPAIN STREET	CLAUDIA DRIVE	2	A - Arterial	1111	37	41107	O - AC/AC	7/23/2019	67
FINEAV	153	FINE AVENUE - 153	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	2	R - Residential/Local	606	33	19998	A - AC	7/22/2019	67
FIRSTE	100D	FIRST STREET EAST - 100	HIKING PATH	BLUE WING DRIVE	2	C - Collector	892	41	36572	A - AC	7/22/2019	67
FOURTW	172B	FOURTH STREET WEST - 172	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	145	37	5365	A - AC	7/24/2019	67
KNIGHT	132	KNIGHT STREET - 132	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	887	33	29271	A - AC	7/22/2019	67
ROSALI	205	ROSALIE DRIVE - 205	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	642	30	19260	A - AC	7/22/2019	67
ANDRIE	167E2	ANDRIEUX STREET - 167	FIRST STREET WEST	BROADWAY	2	C - Collector	332	38	12616	O - AC/AC	7/24/2019	66
ANDRIE	167B	ANDRIEUX STREET - 167	FIFTH STREET WEST	FOURTH STREET WEST	2	C - Collector	611	33	20163	O - AC/AC	7/24/2019	66
CHASES	119A	CHASE STREET - 119	BROADWAY	SECOND STREET EAST	2	C - Collector	901	37	33337	A - AC	7/23/2019	66
FIRSTW	169C	FIRST STREET WEST - 169	MALET STREET	HOUSE #19995	2	R - Residential/Local	337	20	6740	A - AC	7/24/2019	66
JONES	243	JONES STREET - 243	TEMP DEAD END SOUTH	ENGLER STREET	2	R - Residential/Local	466	26	12116	A - AC	7/23/2019	66
ORTEGA	226	ORTEGA COURT - 226	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	141	33	4653	A - AC	7/22/2019	66
PERKIN	168A	PERKINS STREET - 168	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	301	32	9632	A - AC	7/24/2019	66
SEREN	125	SERENO COURT - 125	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	172	27	4644	A - AC	7/22/2019	66
CHASES	119D	CHASE STREET - 119	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	32	20192	A - AC	7/23/2019	65
DONNER	150A	DONNER AVENUE - 150	EAST MACARTHUR AVENUE	CHASE STREET	2	R - Residential/Local	626	32	20032	O - AC/AC	7/23/2019	65
FIFTHW	173B	FIFTH STREET WEST - 173	WEST MACARTHUR STREET	ANDRIEUX STREET	2	A - Arterial	1134	49	55566	O - AC/AC	7/23/2019	65
FRANCE	151D	FRANCE STREET - 151	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	37	23347	A - AC	7/23/2019	65
OSENDA	234	OSENDA COURT - 234	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	105	64	6720	A - AC	7/22/2019	65
SECOND	170A	SECOND STREET WEST - 170	WEST MACARTHUR STREET	ROAD WIDENS	2	C - Collector	342	31	10602	A - AC	7/24/2019	65
ARMSTR	113	ARMSTRONG DRIVE - 113	CHARLES VAN DAMME WAY	EAST NAPA STREET	2	R - Residential/Local	421	46	19366	A - AC	7/22/2019	64
BEASLE	194	BEASLEY WAY - 194	NEWCOMB STREET	COX STREET	2	R - Residential/Local	969	37	35853	A - AC	7/23/2019	64
FOURTE	112A	FOURTH STREET EAST - 112	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	624	32	19968	O - AC/AC	7/23/2019	64
JOAQUI	224A	JOAQUIN DRIVE - 224	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	2	R - Residential/Local	216	33	7128	A - AC	7/22/2019	64
MACARW	182B	WEST MACARTHUR STREET - 182	FIFTH STREET WEST	MANOR DRIVE	2	C - Collector	1014	37	37518	O - AC/AC	7/23/2019	64

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
NAPAE	161D	EAST NAPA STREET - 161	FOURTH STREET EAST	FIFTH STREET EAST	2	A - Arterial	664	38	25232	A - AC	7/24/2019	64
QUEDO	126	QUEDO COURT - 126	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	161	27	4347	A - AC	7/22/2019	64
STUDLE	220A1	STUDLEY STREET - 220	OREGON ST	300' W OF 7TH ST W AT #790	2	R - Residential/Local	600	37	22200	A - AC	7/22/2019	64
MERRIT	228	MERRITT COURT - 228	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	179	33	5907	A - AC	7/22/2019	63
MISSIO	103	MISSION TERRACE - 103	FIRST STREET EAST	DEAD END	2	R - Residential/Local	306	27	8262	A - AC	7/22/2019	63
FANOLN	237A	FANO LANE - 237	ROBINSON ROAD	JUNIPERO SERRA STREET	2	R - Residential/Local	454	33	14982	O - AC/AC	7/22/2019	62
NATALI	233	NATALINA COURT - 233	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	111	64	7104	A - AC	7/22/2019	62
SAUNDE	245	SAUNDERS DRIVE - 245	BROCKMAN LANE	FIFTH STREET EAST	2	R - Residential/Local	1000	26	26000	A - AC	7/23/2019	62
SECONE	101B	SECOND STREET EAST - 101	CHASE STREET	FRANCE STREET	2	C - Collector	660	32	21120	A - AC	7/23/2019	62
CLAUDI	206	CLAUDIA DRIVE - 206	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	641	31	19871	A - AC	7/22/2019	61
NEILCT	133	NEIL COURT - 193	BEASLEY WAY	CUL DE SAC	2	R - Residential/Local	208	33	6864	A - AC	7/23/2019	61
PERKIN	168B	PERKINS STREET - 168	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	596	32	19072	A - AC	7/24/2019	61
SECOND	170B	SECOND STREET WEST - 170	ROAD WIDENS	ANDRIEUX STREET	2	C - Collector	744	38	28272	A - AC	7/24/2019	61
SPAINW	204A	WEST SPAIN STREET - 204	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	2	A - Arterial	903	37	33411	O - AC/AC	7/22/2019	61
CHASES	119C	CHASE STREET - 119	THIRD STREET EAST	FOURTH STREET EAST	2	C - Collector	676	32	21632	A - AC	7/23/2019	60
GREVEL	109	GREVE LANE - 109	FOURTH STREET EAST	WILKING WAY	2	R - Residential/Local	449	33	14817	A - AC	7/22/2019	60
LUCCAC	111	LUCCA COURT - 111	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	258	33	8514	A - AC	7/22/2019	60
ROBINS	177	ROBINSON STREET - 177	THE VILLAGE GREEN	THIRD STREET WEST	2	R - Residential/Local	321	33	10593	A - AC	7/24/2019	60
FIFTHW	173C	FIFTH STREET WEST - 173	ANDRIEUX STREET	WEST NAPA ROAD	4	A - Arterial	1462	64	93568	O - AC/AC	7/23/2019	59
HUDSON	145	HUDSON COURT - 145	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	371	33	12243	A - AC	7/23/2019	59
LASCAS	104	LAS CASITAS COURT - 104	EAST SPAIN STREET	CUL DE SAC	2	R - Residential/Local	479	33	15807	A - AC	7/22/2019	59
SECONE	101I	SECOND STREET EAST - 101	HOUSE #80	CYPRESS STREET (PRIVATE)	2	R - Residential/Local	350	34	11900	A - AC	7/22/2019	59
WILKIN	108B	WILKING WAY - 108	GREVE LANE	CUL DE SAC	2	R - Residential/Local	236	33	7788	A - AC	7/24/2019	59
PATTEN	152D	PATTEN STREET - 152	OAK LANE	FOURTH STREET EAST	2	C - Collector	510	25	12750	A - AC	7/23/2019	58
SECONE	101D	SECOND STREET EAST - 101	PATTEN STREET	EAST NAPA STREET	2	C - Collector	652	32	20864	A - AC	7/23/2019	57
FIFTHE	143A	FIFTH STREET EAST - 143	DENMARK STREET	ESTE MADERA LANE	2	A - Arterial	603	30	18090	O - AC/AC	7/24/2019	56
JUNIPE	223D	JUNIPERO SERRA DRIVE - 223	FANO LANE	VERANO AVENUE	2	R - Residential/Local	702	37	25974	O - AC/AC	7/22/2019	56
SPAINW	204E	WEST SPAIN STREET - 204	THIRD STREET WEST	SECOND STREET WEST	2	A - Arterial	650	37	24050	O - AC/AC	7/24/2019	56

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
LOVALL	107A	LOVALL VALLEY ROAD - 107	FOURTH STREET EAST	175' EAST OF WILKING WAY	2	R - Residential/Local	629	39	24531	A - AC	7/22/2019	55
BANCHE	176	BANCHERO STREET - 176	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	215	23	4945	A - AC	7/24/2019	54
TRONAD	127	TRONADO COURT - 127	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	119	33	3927	A - AC	7/22/2019	53
SECONE	101A	SECOND STREET EAST - 101	EAST MACARTHUR	CHASE STREET	2	C - Collector	628	32	20096	A - AC	7/23/2019	52
PALOU	221	PALOU STREET - 221	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	2	R - Residential/Local	359	33	11847	A - AC	7/22/2019	51
TOWNE	128	TOWNE STREET - 128	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	892	33	29436	A - AC	7/23/2019	51
ADLER	117	ALDER COURT - 117	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	2	R - Residential/Local	243	33	8019	A - AC	7/22/2019	49
YOUNT	131	YOUNT STREET - 131	KNIGHT STREET	CUL DE SAC	2	R - Residential/Local	266	33	8778	A - AC	7/22/2019	48
CHURCH	203C	CHURCH STREET - 203	SECOND STREET WEST	ALLEY	2	R - Residential/Local	408	28	11424	A - AC	7/24/2019	47
MCDONN	165	MCDONNELL STREET - 165	WEST FIRST STREET	BROADWAY	2	R - Residential/Local	278	31	8618	A - AC	7/24/2019	45
APPLET	130	APPLETON WAY - 130	CUL DE SAC S. OF AVENIDA ORO	CUL DE SAC N. OF AVENIDA ORO	2	R - Residential/Local	328	33	10824	A - AC	7/22/2019	44
SECONE	101D1	SECOND STREET EAST - 101	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	611	33	20163	A - AC	7/23/2019	44
SECONE	101E	SECOND STREET EAST - 101	EAST SPAIN STREET	HOUSE #327	2	C - Collector	401	23	9223	A - AC	7/22/2019	44
BARRAC	202	BARRACHI WAY - 202	PERKINS STREET	BACHERO STREET	2	R - Residential/Local	804	23	18492	A - AC	7/24/2019	43
THIRDE	149A	THIRD STREET EAST - 149	CHASE STREET	CUL DE SAC	2	R - Residential/Local	403	32	12896	O - AC/AC	7/23/2019	41
VASQUE	229	VASQUEZ COURT - 229	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	139	33	4587	A - AC	7/22/2019	40
ELLIOT	129	ELLIOT STREET - 129	CUL DE SAC @ KNIGHT STREET	CUL DE SAC NORTH OF TOWNE ST	2	R - Residential/Local	464	33	15312	A - AC	7/22/2019	39
FOURTE	112C	FOURTH STREET EAST - 112	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	636	29	18444	A - AC	7/23/2019	39
VIGNA	178	VIGNA STREET - 178	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	182	23	4186	A - AC	7/24/2019	39
DENMAR	138B	DENMARK STREET - 138	GARRY LANE	254' WEST OF FIFTH STREET EAST	2	R - Residential/Local	541	22	11902	A - AC	7/24/2019	32
OREGON	219A	OREGON STREET - 219	STUDLEY STREET	200' WEST OF SEVENTH STREET WEST	2	R - Residential/Local	1222	37	45214	O - AC/AC	7/22/2019	31
AUSTIN	162A	AUSTIN AVENUE - 162	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	611	36	21996	A - AC	7/23/2019	28
FIRSTW	169J	FIRST STREET WEST - 169	HIKING PATH	MOUNTAIN CEMETERY ROAD	2	A - Arterial	1109	31	34379	A - AC	7/24/2019	28
AUSTIN	162B	AUSTIN AVENUE - 162	CHASE STREET	FRANCE STREET	2	R - Residential/Local	615	36	22140	A - AC	7/23/2019	27

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
SEVENW	175D	SEVENTH STREET WEST - 175	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	663	37	24531	A - AC	7/22/2019	25
VISCHE	148	VISCHER COURT - 148	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	218	32	6976	A - AC	7/23/2019	23
MANOR	189A	MANOR DRIVE - 189	HARRINGTON DRIVE	HIKING PATH	2	R - Residential/Local	513	33	16929	A - AC	7/23/2019	21
MAPLE	166	MAPLE STREET - 166	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	266	28	7448	A - AC	7/24/2019	13
CARILL	227	CARILLO COURT - 227	VERANO AVENUE	CUL DE SAC	2	R - Residential/Local	325	33	10725	A - AC	7/22/2019	12
NASHST	198	NASH STREET - 198	CLAY STREET	PICKETT STREET	2	R - Residential/Local	481	33	15873	A - AC	7/23/2019	12
NORRBO	210	NORRBOIMM ROAD - 210	MOUNTAIN CEMETERY ROAD	2500' N. OF MTN. CEMETERY ROAD	2	R - Residential/Local	2500	20	50000	O - AC/AC	7/24/2019	12
NEWCOM	192A	NEWCOMB STREET - 192	DEAD END WEST OF FRYER CREEK	BROADWAY	2	R - Residential/Local	1521	28	42588	A - AC	7/24/2019	11
OREGON	219C	OREGON STREET - 219	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	478	33	15774	A - AC	7/23/2019	11
FOURTW	172G	FOURTH STREET WEST - 172	DEAD END SOUTH OF LINDA DRIVE	DEAD END NORTH OF HARASZTHY DR	2	R - Residential/Local	428	33	14124	A - AC	7/22/2019	9
FOURTW	172F	FOURTH STREET WEST - 172	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	2	R - Residential/Local	516	25	12900	A - AC	7/22/2019	6
FRYERC	195C	FRYER CREEK DRIVE - 195	HIKING PATH	NEWCOMB STREET	2	R - Residential/Local	665	37	24605	A - AC	7/23/2019	5
HARRIN	191	HARRINGTON DRIVE - 190	LOT #440/ PAVE CHG	MANOR DRIVE	2	R - Residential/Local	544	17	9248	A - AC	7/23/2019	5
SIXTHW	174B	SIXTH STREET WEST - 174	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	311	37	11507	A - AC	7/23/2019	4
FIRSTW	169I	FIRST STREET WEST - 169	HOUSE #344	HIKING PATH	2	A - Arterial	571	32	18272	A - AC	7/24/2019	3
FRYERC	195B	FRYER CREEK DRIVE - 195	CLAY STREET	HIKING PATH	2	R - Residential/Local	648	37	23976	A - AC	7/23/2019	3
PICKET	197	PICKETT STREET - 197	CLAY STREET	FRYER CREEK DRIVE	2	R - Residential/Local	862	33	28446	A - AC	7/23/2019	3

Appendix C – Decision Tree

Maintenance and Rehabilitation (M&R) Decision Tree

This appendix presents the current M&R decision tree in StreetSaver. The decision tree forms the basis for all of the budgetary computations that are included in this final report. 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 Pavement Condition Category I – Very Good. All preventive maintenance treatment listings are assigned only to sections in Condition Category I where the PCI greater than 70. Sections with PCI values less than 70 are assigned to treatments listed in Categories II through V.

For the preventive maintenance category (PCI ≥ 70), there are several treatments that can be performed. A time sequence is used to identify the appropriate treatment and cost. Each preventive maintenance treatment description consists of three treatments: 1) Crack, 2) Surface, and 3) Restoration. These three treatments can have different time periods between applications. For example, before a restoration treatment is performed, the user can specify that a number of slurry seals should be performed first.

Rehabilitation treatments are assigned to sections in Condition Categories II through V (PCI ≤ 70). Each line is defined by a specific combination of functional classification, surface type, and condition category.

COLUMN	DESCRIPTION
Functional Class	Functional classification.
Surface	Surface type.
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. slurry sealing). Third Row (Restoration Treatment) indicates surface restoration (e.g. overlay).
Treatment	Name of treatments from the "Treatment Descriptions" report.
Cost/Sq. Yd.	Unit cost (\$ per square yard) for the treatment shown. In the case of crack sealing, the unit cost is \$ per linear foot.
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).
Number of Sequential Seals	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.



Decision Tree

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	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$3.50		7		
			Restoration Treatment	DO NOTHING		\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II		\$6.00			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric		\$30.00			
		IV - Poor		3"OL w/Fab+33%Digout		\$50.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)		\$120.00			
		I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$3.50		7		
			Restoration Treatment	DO NOTHING		\$0.00			99
	AC/AC	II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$6.00				
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$30.00				
		IV - Poor		3"OL w/Fab+33%Digout	\$50.00				
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$120.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.38	3			
			Surface Treatment	SLURRY SEAL	\$1.93		6		
			Restoration Treatment	MILL AND THICK OVERLAY	\$13.50			2	
		II - Good, Non-Load Related		SLURRY SEAL	\$1.93				
		III - Good, Load Related		Thin AC OL 2" w/Fabric	\$12.50				
		IV - Poor		HEATER SCARIFY & OVERLAY	\$13.50				
		V - Very Poor		RECONSTRUCT SURFACE (AC)	\$60.00				

Functional Class and Surface combination not used
 Selected Treatment is not a Surface Seal



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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	99			
			Surface Treatment	DO NOTHING	\$0.00		99		
			Restoration Treatment	DO NOTHING	\$0.00			100	
			DO NOTHING	\$0.00					
			DO NOTHING	\$0.00					
	ST		II - Good, Non-Load Related		THICK AC OVERLAY(2.5 INCHES)	\$1.92			
			III - Good, Load Related		RECONSTRUCT STRUCTURE (AC)	\$14.00			
			IV - Poor		SEAL CRACKS	\$3.00	3		
			V - Very Poor	Crack Treatment	SLURRY SEAL	\$8.15		7	
			I - Very Good	Surface Treatment	Thin AC OL 2" w/Fabric	\$24.00			2
		Restoration Treatment	Slurry Seal Type III	\$8.15					
			Crack+SlurrySeal w/25%Digout	\$12.50					
			3" OL w/Fab+25%Digout	\$27.00					
			RECONSTRUCT STRUCTURE (AC)	\$94.00					

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal



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Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$3.50		7		
			Restoration Treatment	DO NOTHING		\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II		\$6.00			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric		\$30.00			
		IV - Poor		3"OL w/Fab+33%Digout		\$50.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)		\$120.00			
		I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$3.50		7		
			Restoration Treatment	DO NOTHING		\$0.00			99
	II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II		\$6.00				
	III - Good, Load Related		Edge Grind 2"OL w/Fabric		\$30.00				
	IV - Poor		3"OL w/Fab+33%Digout		\$50.00				
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)		\$120.00				
	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.38	4				
		Surface Treatment	SLURRY SEAL	\$1.93		7			
		Restoration Treatment	Thin AC OL 2" w/Fabric	\$13.50				3	
	II - Good, Non-Load Related		SLURRY SEAL	\$1.93					
	III - Good, Load Related		Thin AC OL 2" w/Fabric	\$13.50					
	IV - Poor		2.5" OL w/Fab+25% Digout	\$20.00					
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$60.00					

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal



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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	99				
			Surface Treatment	DO NOTHING	\$0.00		99			
			Restoration Treatment	DO NOTHING	\$0.00			100		
			DO NOTHING	\$0.00						
			DO NOTHING	\$0.00						
	ST		II - Good, Non-Load Related		THICK AC OVERLAY(2.5 INCHES)	\$1.92				
					THIN AC OVERLAY(1.5 INCHES)	\$7.47				
			III - Good, Load Related		SEAL CRACKS	\$3.00	3			
					SLURRY SEAL	\$8.15			7	
					Thin AC OL 2" w/Fabric	\$24.00				2
IV - Poor		Slurry Seal Type III	\$8.15							
		Crack+SlurrySeal w/25%Digout	\$12.50							
		3" OL w/Fab+25%Digout	\$27.00							
V - Very Poor			RECONSTRUCT STRUCTURE (AC)	\$94.00						

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal



Decision Tree

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	\$3.00	4				
			Surface Treatment	SLURRY SEAL	\$3.50		8			
			Restoration Treatment	DO NOTHING	\$0.00				99	
		II - Good, Non-Load Related	CrackSeal+SlurrySeal Typ II	\$6.00						
			Edge Grind 2"OL w/Fabric	\$30.00						
	AC/AC	III - Good, Load Related	IV - Poor	Edge Grind 2"OL w/Fab+33%Dig	\$50.00					
				RECONSTRUCT STRUCTURE (AC)	\$100.00					
			I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4			
				Surface Treatment	SLURRY SEAL	\$3.50		8		
				Restoration Treatment	DO NOTHING	\$0.00				99
AC/PCC	I - Very Good	II - Good, Non-Load Related	CrackSeal+SlurrySeal Typ II	\$6.00						
			Edge Grind 2"OL w/Fabric	\$30.00						
			Edge Grind 2"OL w/Fab+33%Dig	\$50.00						
		III - Good, Load Related	RECONSTRUCT STRUCTURE (AC)	\$100.00						
			Crack Treatment	SEAL CRACKS	\$1.38	4				
	II - Good, Non-Load Related	IV - Poor	I - Very Good	Surface Treatment	SLURRY SEAL	\$1.93		8		
				Restoration Treatment	Thin AC OL 2"	\$12.50			3	
				Surface Treatment	SLURRY SEAL	\$1.93				
			III - Good, Load Related	Edge Grind 2"OL w/Fabric	\$24.00					
				IV - Poor	Edge Grind 2"OL w/Fabric	\$20.00				
V - Very Poor	V - Very Poor	RECONSTRUCT STRUCTURE (AC)	\$60.00							

Functional Class and Surface combination not used
 Selected Treatment is not a Surface Seal



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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	99			
			Surface Treatment	DO NOTHING	\$0.00		99		
			Restoration Treatment	DO NOTHING	\$0.00			100	
			DO NOTHING	\$0.00					
			DO NOTHING	\$0.00					
	ST		II - Good, Non-Load Related		THICK AC OVERLAY(2.5 INCHES)	\$1.92			
			III - Good, Load Related		THICK AC OVERLAY(2.5 INCHES)	\$7.27			
			IV - Poor						
			V - Very Poor						
			I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4		
	Surface Treatment	SLURRY SEAL	\$3.50			8			
	Restoration Treatment		DO NOTHING	\$0.00			99		
		II - Good, Non-Load Related	CrackSeal+SlurrySeal Typ II	\$6.00					
		III - Good, Load Related	Edge Grind 2"OL w/Fabric	\$30.00					
		IV - Poor	Edge Grind 2"OL w/Fab+33%Dig	\$50.00					
		V - Very Poor	RECONSTRUCT STRUCTURE (AC)	\$100.00					

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal



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Decision Tree

Printed: 12/17/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay		
Other	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4				
			Surface Treatment	SLURRY SEAL	\$8.15		8			
			Restoration Treatment	Thin AC OL 2" w/Fabric	\$24.00				3	
		II - Good, Non-Load Related	CrackSeal+SlurrySeal Typ III	\$11.15						
			Edge Grind 2"OL w/Fabric	\$24.00						
	AC/AC	III - Good, Load Related	IV - Poor	Edge Grind 2"OL w/Fab+25%Dig	\$27.00					
				RECONSTRUCT STRUCTURE (AC)	\$76.00					
			V - Very Poor	Crack Treatment	SEAL CRACKS	\$3.00	4			
				Surface Treatment	SLURRY SEAL	\$8.15		8		
				Restoration Treatment	Thin AC OL 2" w/Fabric	\$24.00				3
AC/PCC	I - Very Good	II - Good, Non-Load Related	CrackSeal+SlurrySeal Typ III	\$11.15						
			Edge Grind 2"OL w/Fabric	\$24.00						
			Edge Grind 2"OL w/Fab+25%Dig	\$27.00						
		III - Good, Load Related	RECONSTRUCT STRUCTURE (AC)	\$76.00						
			Crack Treatment	SEAL CRACKS	\$1.60	4				
	II - Good, Non-Load Related	IV - Poor	V - Very Poor	Surface Treatment	SINGLE CHIP SEAL	\$1.74		8		
				Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3	
				DOUBLE CHIP SEAL	\$1.52					
			III - Good, Load Related	HEATER SCARIFY & OVERLAY	\$5.95					
				HEATER SCARIFY & OVERLAY	\$6.14					
V - Very Poor	RECONSTRUCT STRUCTURE (AC)	\$8.75								

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal



City of Sonoma
 Number 1 The Plaza
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Decision Tree

Printed: 12/17/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay		
Other	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	99				
			Surface Treatment	DO NOTHING	\$0.00		99			
			Restoration Treatment	DO NOTHING	\$0.00			100		
	ST	II - Good, Non-Load Related III - Good, Load Related IV - Poor V - Very Poor		DO NOTHING	DO NOTHING	\$0.00				
				DO NOTHING	DO NOTHING	\$0.00				
				THICK AC OVERLAY(2.5 INCHES)	THICK AC OVERLAY(2.5 INCHES)	\$1.92				
				THICK AC OVERLAY(2.5 INCHES)	THICK AC OVERLAY(2.5 INCHES)	\$7.27				
				SEAL CRACKS	SEAL CRACKS	\$3.00	4			
				SLURRY SEAL	SLURRY SEAL	\$8.15		8		
				Thin AC OL 2" w/Fabric	Thin AC OL 2" w/Fabric	\$24.00			100	
	II - Good, Non-Load Related III - Good, Load Related IV - Poor V - Very Poor		CrackSeal+SlurrySeal Typ III	CrackSeal+SlurrySeal Typ III	\$11.15					
			Edge Grind 2"OL w/Fabric	Edge Grind 2"OL w/Fabric	\$24.00					
			Edge Grind 2"OL w/Fab+25%Dig	Edge Grind 2"OL w/Fab+25%Dig	\$27.00					
			RECONSTRUCT STRUCTURE (AC)	RECONSTRUCT STRUCTURE (AC)	\$76.00					

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

Appendix D – Budget Needs Analysis

Budget Needs Reports

Budget Needs reports included in this appendix are listed below:

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

Needs - Projected PCI/Cost Summary

This report summarizes and projects the City's network PCI values over a five-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 five-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 five-year period.



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Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 12/17/2019

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2020	84	71	\$542,933	\$7,058,541	\$7,601,474
2021	84	69	\$130,488	\$1,823,183	\$1,953,671
2022	85	67	\$241,324	\$1,995,568	\$2,236,892
2023	84	65	\$76,104	\$507,551	\$583,655
2024	84	63	\$161,172	\$1,063,104	\$1,224,276

% PM	PM Total Cost	Rehab Total Cost	Total Cost
8.47%	\$1,152,021	\$12,447,947	\$13,599,968

Needs - Preventive Maintenance Treatment/Cost Summary

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

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



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Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 12/17/2019

Treatment	Year	Area Treated		Cost
SEAL CRACKS	2020	1,944.79	ft.	\$5,849
	2021	710.03	ft.	\$2,204
	2022	362.79	ft.	\$1,163
	2023	2,233.12	ft.	\$7,339
	2024	4,863.4	ft.	\$16,475
	Total		10,114.13	
SLURRY SEAL	2020	153,445.44	sq.yd.	\$537,084
	2021	35,582.56	sq.yd.	\$128,284
	2022	64,673.44	sq.yd.	\$240,161
	2023	17,978.67	sq.yd.	\$68,765
	2024	36,730	sq.yd.	\$144,697
	Total		308,410.11	
Total Quantity		318,524.24		\$1,152,021

Needs - Rehabilitation Treatment/Cost Summary

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

COLUMN	DESCRIPTION
Treatment	Type of rehabilitation treatments needed.
Year	Year in the analysis period.
Area Treated	Quantities in square yard.
Cost	Rehabilitation treatment cost.



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Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 12/17/2019

Treatment	Year	Area Treated	Cost
3"OL w/Fab+33%Digout	2020	3,265.11 sq.yd.	\$163,256
	2021	2,232.89 sq.yd.	\$114,994
	2022	8,417.11 sq.yd.	\$446,489
	2023	5,544.89 sq.yd.	\$302,953
	2024	14,108.78 sq.yd.	\$793,979
	Total	33,568.78 sq.yd.	\$1,821,671
CrackSeal+SlurrySeal Typ II	2020	45,181.78 sq.yd.	\$271,094
	2021	12,947.44 sq.yd.	\$80,019
	2022	30,969.33 sq.yd.	\$197,136
	2023	7,155.67 sq.yd.	\$46,917
	2024	2,861 sq.yd.	\$19,323
	Total	99,115.22 sq.yd.	\$614,489
Edge Grind 2"OL w/Fab+33%Dig	2020	8,783.44 sq.yd.	\$439,175
	2021	4,587 sq.yd.	\$236,232
	2022	3,711.44 sq.yd.	\$196,875
	2023	2,886 sq.yd.	\$157,681
	2024	4,438.89 sq.yd.	\$249,802
	Total	24,406.78 sq.yd.	\$1,279,765
Edge Grind 2"OL w/Fabric	2020	81,138.44 sq.yd.	\$2,434,161
	2021	13,420.22 sq.yd.	\$414,687
	2022	15,137.89 sq.yd.	\$481,796
Total	109,696.56 sq.yd.	\$3,330,644	
RECONSTRUCT STRUCTURE (AC)	2020	37,102.44 sq.yd.	\$3,750,855
	2021	8,723.89 sq.yd.	\$977,251
	2022	6,346.22 sq.yd.	\$673,272
	Total	52,172.56 sq.yd.	\$5,401,378
Total Cost			\$12,447,947

Appendix E – Budget Analysis Scenario 1 – No Funds (Do Nothing)

Budget Analysis Reports

Budget analysis reports included in this appendix are listed below:

- Scenarios Cost Summary
- Scenarios Network Condition Summary
- Scenarios Sections Selected for Treatment

Scenarios Cost Summary

This report provides a breakdown of the estimated costs for the recommended treatments by year and condition category. It also totals the costs by functional classification and shows the amount of deferred maintenance arising from the input budget and City's decision tree.

Scenarios Network Condition Summary

This report provides a breakdown of the network condition by functional classification and condition category before and after the recommended treatments are applied. It also shows the projected network PCI if the recommended treatments are applied and if they are not.

Scenarios Sections Selected for Treatment

This report provides a listing of sections selected for treatment based on decision tree and budget constraints. It contains the following information: street name, beginning and ending locations, street ID, section ID, functional classification, surface type, estimated cost of the recommended treatment, and treatment. The records are grouped by year and then in alphabetical order by street name and section ID. Please note that these are network level recommendations. A project level evaluation must be performed before applying a treatment.



Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 1 No Funds

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2020	0%	\$0	II	\$0	Non-Project	\$0	\$7,601,414	Funded	\$0
			III	\$0				Unmet	\$47,771
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2021	0%	\$0	II	\$0	Non-Project	\$0	\$9,054,074	Funded	\$0
			III	\$0				Unmet	\$11,839
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2022	0%	\$0	II	\$0	Non-Project	\$0	\$10,611,860	Funded	\$0
			III	\$0				Unmet	\$13,061
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2023	0%	\$0	II	\$0	Non-Project	\$0	\$10,907,313	Funded	\$0
			III	\$0				Unmet	\$5,397
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2024	0%	\$0	II	\$0	Non-Project	\$0	\$12,706,518	Funded	\$0
			III	\$0				Unmet	\$8,081
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$0	\$0	\$0	\$15,109
Collector	\$0	\$0	\$0	\$10,091
Residential/Local	\$0	\$0	\$0	\$60,948
Grand Total:	\$0	\$0	\$0	\$86,148



Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 1 No Funds

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

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	71	71	0	0
2021	69	69	0	0
2022	67	67	0	0
2023	65	65	0	0
2024	63	63	0	0

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	7.0%	9.5%	29.8%	0.0%	46.3%
II / III	6.9%	6.6%	21.9%	0.0%	35.4%
IV	2.8%	3.0%	4.3%	0.0%	10.1%
V	0.9%	0.5%	6.9%	0.0%	8.2%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Appendix F – Budget Analysis Scenario 2 – Expected Annual Budget



City of Sonoma
 Number 1 The Plaza
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Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 2 Expected
 Annual Budget

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	25%	\$500,000	II	\$168,714	Non-Project	\$127,820	\$0	\$7,101,596	Funded	\$0
			III	\$203,307					Unmet	\$43,235
			IV	\$0	Project	\$0	\$0	\$0	\$0	\$0
			V	\$0						
			Total	\$372,021						
			Project	\$0						
2021	25%	\$500,000	II	\$175,719	Non-Project	\$128,563	\$0	\$8,040,401	Funded	\$0
			III	\$195,626					Unmet	\$9,798
			IV	\$0	Project	\$0	\$0	\$0	\$0	\$0
			V	\$0						
			Total	\$371,345						
			Project	\$0						
2022	25%	\$500,000	II	\$192,094	Non-Project	\$127,789	\$0	\$9,387,021	Funded	\$0
			III	\$179,615					Unmet	\$9,630
			IV	\$0	Project	\$0	\$0	\$0	\$0	\$0
			V	\$0						
			Total	\$371,709						
			Project	\$0						
2023	25%	\$500,000	II	\$132,014	Non-Project	\$130,624	\$0	\$9,106,200	Funded	\$0
			III	\$90,515					Unmet	\$1,843
			IV	\$146,001	Project	\$0	\$0	\$0	\$0	\$0
			V	\$0						
			Total	\$368,530						
			Project	\$0						
2024	25%	\$500,000	II	\$78,596	Non-Project	\$133,990	\$0	\$10,242,183	Funded	\$0
			III	\$174,057					Unmet	\$4,175
			IV	\$113,114	Project	\$0	\$0	\$0	\$0	\$0
			V	\$0						
			Total	\$365,767						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$805,694	\$183,541	\$0	\$8,822
Collector	\$516,215	\$200,776	\$0	\$7,297
Residential/Local	\$527,463	\$264,469	\$0	\$52,562
Grand Total:	\$1,849,372	\$648,786	\$0	\$68,681



Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 2 Expected
 Annual Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$500,000	25%	2022	\$500,000	25%	2024	\$500,000	25%
2021	\$500,000	25%	2023	\$500,000	25%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	71	72	6.87	13.75
2021	69	71	5.30	10.61
2022	67	71	4.64	9.27
2023	65	70	5.52	11.04
2024	63	69	5.02	10.04

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.9%	13.8%	41.0%	0.0%	68.6%
II / III	2.8%	5.2%	13.1%	0.0%	21.1%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	14.6%	14.3%	41.5%	0.0%	70.4%
II / III	0.0%	2.3%	10.2%	0.0%	12.5%
IV	2.1%	2.4%	4.3%	0.0%	8.8%
V	0.9%	0.5%	6.9%	0.0%	8.2%
Total	17.5%	19.5%	63.0%	0.0%	100.0%



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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year	Budget	PM
2020	\$500,000	25%
2021	\$500,000	25%

Year	Budget	PM
2024	\$500,000	25%

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment			Rating	Treatment	
											Current PCI	PCI Before	PCI After			
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	67	100	\$119,200	18,177	Edge Grind 2'OL w/Fabric
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		63	62	100	\$84,107	20,021	Edge Grind 2'OL w/Fabric
Treatment Total														\$203,307		
ANDRIEUX STREET WEST	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	64	74	\$13,442	20,030	CrackSeal+SlurrySeal Typ
ANDRIEUX STREET WEST	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	67	76	\$16,239	21,017	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC		64	63	73	\$37,044	24,190	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC		66	66	75	\$27,405	32,919	CrackSeal+SlurrySeal Typ
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	68	77	\$7,320	17,506	CrackSeal+SlurrySeal Typ
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	63	73	\$25,012	22,036	CrackSeal+SlurrySeal Typ
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	68	77	\$22,990	24,816	CrackSeal+SlurrySeal Typ
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	65	75	\$6,422	23,135	CrackSeal+SlurrySeal Typ
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	66	75	\$12,840	21,597	CrackSeal+SlurrySeal Typ
Treatment Total														\$168,714		
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC		78	78	86	\$17,943	83,849	SLURRY SEAL
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC		81	81	88	\$9,497	45,962	SLURRY SEAL
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC		81	81	88	\$8,907	50,093	SLURRY SEAL
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC		73	73	81	\$7,641	70,346	SLURRY SEAL
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	78	86	\$1,618	48,873	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	79	87	\$6,767	40,152	SLURRY SEAL
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	76	84	\$7,584	40,617	SLURRY SEAL
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	88	\$12,134	41,130	SLURRY SEAL
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	78	86	\$10,271	43,660	SLURRY SEAL
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	77	85	\$8,468	54,725	SLURRY SEAL
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	76	84	\$19,551	44,491	SLURRY SEAL
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	81	88	\$7,331	38,184	SLURRY SEAL
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	81	88	\$1,284	46,209	SLURRY SEAL
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC		78	78	86	\$2,975	45,296	SLURRY SEAL
Treatment Total												\$121,971				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	77	79	\$91	266,829	SEAL CRACKS
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	74	76	\$248	325,996	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	79	81	\$100	61,727	SEAL CRACKS
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	74	76	\$328	252,355	SEAL CRACKS
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	83	84	\$91	605,531	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	81	82	\$131	275,766	SEAL CRACKS
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	83	84	\$75	272,711	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	85	86	\$241	262,294	SEAL CRACKS
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	78	\$31	262,747	SEAL CRACKS
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	86	87	\$127	338,446	SEAL CRACKS
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	81	82	\$102	388,737	SEAL CRACKS
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	81	82	\$196	388,612	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	81	\$253	272,640	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/17/2019
 Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

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			
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC		80	80	82	\$288	275,311	SEAL CRACKS
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	77	79	\$246	266,837	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	83	84	\$106	272,704	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	84	85	\$224	331,314	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	80	81	\$280	450,471	SEAL CRACKS
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	77	79	\$42	266,829	SEAL CRACKS
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	82	\$153	275,310	SEAL CRACKS
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	80	82	\$193	275,310	SEAL CRACKS
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	81	82	\$332	275,726	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONC	101G	983	30	29,490	C	AC		82	82	83	\$246	494,366	SEAL CRACKS
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET SPAINC	SPAINC	105C	1,247	37	46,139	R	AC/AC		77	77	79	\$508	426,706	SEAL CRACKS
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	83	\$197	1,119,663	SEAL CRACKS
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	81	82	\$277	377,528	SEAL CRACKS
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDVA	200	477	33	15,741	R	AC		87	87	88	\$87	241,826	SEAL CRACKS
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	83	84	\$419	407,876	SEAL CRACKS
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	77	79	\$237	351,820	SEAL CRACKS

Treatment Total \$5,849
 Year 2020 Area Total 1,278,070
 Year 2020 Total \$499,841

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			
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	69	100	\$95,186	15,733	Edge Grind 2"OL w/Fabric
FRANCE STREET	FOURTH STREET EAST	FRANCE	FRANCE	151D	631	37	23,347	C	AC		63	60	100	\$80,159	15,160	Edge Grind 2"OL w/Fabric

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC		62	60	100	\$20,281	12,406	Edge Grind 2"OL w/Fabric
Treatment Total													\$195,626			
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	67	76	\$16,439	16,895	CrackSeal+SlurrySeal
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	63	73	\$4,629	16,387	CrackSeal+SlurrySeal
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC		70	68	77	\$30,777	17,024	CrackSeal+SlurrySeal
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	61	71	\$4,895	16,129	CrackSeal+SlurrySeal
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	66	76	\$31,611	16,799	CrackSeal+SlurrySeal
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC		68	66	76	\$13,393	16,799	CrackSeal+SlurrySeal
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC		71	69	78	\$14,639	17,107	CrackSeal+SlurrySeal
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	66	76	\$4,487	16,799	CrackSeal+SlurrySeal
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	66	76	\$6,844	16,799	CrackSeal+SlurrySeal
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	63	73	\$3,196	16,385	CrackSeal+SlurrySeal
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	62	72	\$4,615	16,266	CrackSeal+SlurrySeal
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	68	77	\$5,318	18,376	CrackSeal+SlurrySeal
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINAAV	154	328	33	10,824	R	AC		71	69	78	\$7,433	17,107	CrackSeal+SlurrySeal
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	60	71	\$7,281	14,375	CrackSeal+SlurrySeal
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	63	73	\$3,189	16,385	CrackSeal+SlurrySeal
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC		70	69	78	\$16,973	22,481	CrackSeal+SlurrySeal
Treatment Total													\$175,719			
BETTENCOURT STREET	FOURTH STREET WEST	THIRD STREET WEST	BETTEN	179B	649	34	22,066	R	AC/AC		88	87	93	\$8,839	35,821	SLURRY SEAL
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	76	84	\$7,255	36,001	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC		83	80	88	\$3,435	40,066	SLURRY SEAL
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	1120	942	32	29,648	C	AC		87	85	91	\$11,876	35,704	SLURRY SEAL
HEATHER LANE	DEAD END S. OF WHITEBIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC		87	86	92	\$6,557	35,478	SLURRY SEAL
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPE	223A	897	37	33,189	R	AC/AC		87	86	92	\$13,295	35,318	SLURRY SEAL
JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	JUNIPE	223B	567	37	20,979	R	AC/AC		87	86	92	\$8,404	35,318	SLURRY SEAL
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	80	88	\$18,963	33,117	SLURRY SEAL
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC		76	74	83	\$9,280	32,436	SLURRY SEAL
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	74	82	\$7,811	37,935	SLURRY SEAL
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONO	101F	290	33	9,570	C	AC		85	83	90	\$3,834	36,812	SLURRY SEAL
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONO	101G	983	30	29,490	C	AC		82	82	89	\$11,813	36,933	SLURRY SEAL
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAINO	105A	624	60	37,440	R	AC/AC		75	74	82	\$14,997	36,096	SLURRY SEAL
Treatment Total												\$126,359				
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC		85	83	85	\$106	263,945	SEAL CRACKS
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	88	89	\$104	325,789	SEAL CRACKS
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC		80	78	80	\$139	264,076	SEAL CRACKS
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC		83	81	83	\$48	267,870	SEAL CRACKS
DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC		90	88	89	\$35	222,829	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC		93	89	90	\$163	281,183	SEAL CRACKS
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	87	88	\$54	2,367,901	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	83	84	\$213	698,756	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC		75	73	76	\$203	243,749	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC		76	74	77	\$105	248,242	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/17/2019
 Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment		
											Current PCI	PCI After					
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC		85	83	\$105	263,945	SEAL CRACKS		
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC		81	79	\$42	266,682	SEAL CRACKS		
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC		77	76	\$386	415,217	SEAL CRACKS		
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC		83	81	\$52	305,637	SEAL CRACKS		
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC		86	84	\$122	436,856	SEAL CRACKS		
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC		76	74	\$208	320,824	SEAL CRACKS		
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC		83	81	\$119	267,867	SEAL CRACKS		
Treatment Total											\$2,204						
Year 2021 Area Total											925,492	Year 2021 Total	\$499,908				

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTHE	143B	683	27	18,441	A	AC/AC		72	69	\$65,214	15,607	Edge Grind 2'OL w/Fabric
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	65	\$95,428	13,876	Edge Grind 2'OL w/Fabric
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC		66	63	\$18,973	11,067	Edge Grind 2'OL w/Fabric
Treatment Total											\$179,615				
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC		72	68	\$17,846	22,221	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTHW	173A	1,287	49	63,063	A	AC		74	69	\$44,603	24,163	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC		64	69	\$39,300	22,700	CrackSeal+SlurrySeal Typ
MARIANO DRIVE	HOUSE #705	FIFTH STREET WEST	MARIAN	225B	955	33	31,515	R	AC		73	69	\$22,290	16,653	CrackSeal+SlurrySeal Typ
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	FOURTH NAPA E	161C	633	38	24,054	A	AC		73	68	\$17,013	24,014	CrackSeal+SlurrySeal Typ
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC		71	68	\$4,574	23,076	CrackSeal+SlurrySeal Typ
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	68	\$7,499	16,032	CrackSeal+SlurrySeal Typ

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019
 Scenario: PTAP-20 - Scenario 2 Expected
 Annual Budget

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECCONE	101C	643	32	20,576	C	AC		74	68	77	\$14,553	18,017	CrackSeah+SlurrySeal II
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET SPAINW WEST		204C	669	37	24,753	A	AC/AC		72	68	78	\$17,507	35,115	CrackSeah+SlurrySeal II
THIRD STREET WEST	BETTENCOURT STREET	THIRDW STREET		171B	264	37	9,768	R	AC/AC		71	68	77	\$6,909	19,651	CrackSeah+SlurrySeal II
Treatment Total													\$192,094			
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	75	83	\$1,073	28,585	SLURRY SEAL
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	75	83	\$16,305	30,798	SLURRY SEAL
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	85	91	\$11,262	30,762	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	79	87	\$2,373	32,132	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIPE	217	173	27	4,671	R	AC		77	74	82	\$1,928	31,058	SLURRY SEAL
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC		79	76	84	\$2,756	28,373	SLURRY SEAL
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC		92	87	93	\$3,669	34,696	SLURRY SEAL
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	81	88	\$12,872	32,111	SLURRY SEAL
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT BROADWAY	MACARE	133E	951	31	29,481	C	AC		80	78	86	\$12,164	35,519	SLURRY SEAL
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC		92	87	93	\$12,246	34,886	SLURRY SEAL
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC		92	87	93	\$15,804	34,886	SLURRY SEAL
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET SPAINNE EAST		105C	1,247	37	46,139	R	AC/AC		77	77	85	\$19,036	36,510	SLURRY SEAL
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC		90	88	94	\$6,274	31,365	SLURRY SEAL
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	76	85	\$8,864	30,623	SLURRY SEAL
Treatment Total													\$126,626			
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC		92	87	88	\$40	1,648,258	SEAL CRACKS
AUREO COURT	AVENUE DEL ORO EAST	CUL DE SAC	AUREO	121	146	27	3,942	R	AC		94	89	89	\$20	410,548	SEAL CRACKS
AVENUE DEL ORO	FIFTH STREET EAST	CORDILLERAS DRIVE	AVENUE	120A	779	33	25,707	R	AC		94	89	89	\$125	410,548	SEAL CRACKS
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC		92	88	89	\$58	213,387	SEAL CRACKS
BERRYESSA COURT	BERRYESSA	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC		84	81	82	\$40	259,814	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC		88	84	\$128	250,581	SEAL CRACKS
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC		94	89	\$40	410,516	SEAL CRACKS
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC		89	85	\$176	245,591	SEAL CRACKS
FIRST STREET WEST	HOUSE #20054	MALET STREET	FIRSTW	169B	354	26	9,204	R	AC		84	81	\$87	259,814	SEAL CRACKS
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC		90	86	\$120	499,317	SEAL CRACKS
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAIN E	105B	655	37	24,235	R	AC/AC		88	85	\$117	664,575	SEAL CRACKS
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC		92	87	\$76	3,173,138	SEAL CRACKS
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	87	\$136	941,938	SEAL CRACKS
Treatment Total											\$1,163				
Year 2022 Area Total											873,104				
Year 2022 Total											\$499,498				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC		68	62	\$32,418	11,199	Edge Grind 2"OL w/Fabric
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC		75	67	\$58,097	13,103	Edge Grind 2"OL w/Fabric
Treatment Total											\$90,515				
Treatment Total											\$146,001				
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC		75	69	\$35,287	15,013	CrackSeal+SlurrySeal Typ II
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	69	\$14,689	18,386	CrackSeal+SlurrySeal Typ II
EVANS AVENUE	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	EVANS	185	602	33	19,866	R	AC		74	69	\$14,473	16,094	CrackSeal+SlurrySeal Typ II
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	68	\$5,193	16,041	CrackSeal+SlurrySeal Typ II
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC		74	69	\$30,144	16,094	CrackSeal+SlurrySeal Typ II
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE WEST	MACARW	182B	1,014	37	37,518	C	AC/AC		63	68	\$27,332	20,830	CrackSeal+SlurrySeal Typ II

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019
 Scenario: PTAP-20 - Scenario 2 Expected
 Annual Budget

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	69	78	\$4,896	16,089	CrackSeal+SlurrySeal Typ II
Treatment Total													\$132,014			
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	74	83	\$3,492	27,803	SLURRY SEAL
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC		77	72	81	\$23,129	27,869	SLURRY SEAL
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	81	88	\$8,843	31,178	SLURRY SEAL
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC		79	74	83	\$2,474	27,802	SLURRY SEAL
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC		90	83	90	\$6,250	33,974	SLURRY SEAL
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC		94	85	92	\$5,997	29,945	SLURRY SEAL
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC	187	158	34	5,372	R	AC		81	76	84	\$2,283	27,474	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	HARASZ	208	640	33	21,120	R	AC		79	74	83	\$8,975	27,802	SLURRY SEAL
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	74	83	\$9,482	27,803	SLURRY SEAL
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC		94	85	92	\$8,416	29,945	SLURRY SEAL
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC		80	75	83	\$7,656	29,968	SLURRY SEAL
OAK LANE	EAST MACARTHUR STREET	CHASE STREET	OAK	147A	630	32	20,160	R	AC		78	73	82	\$8,567	27,921	SLURRY SEAL
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	74	83	\$1,613	27,803	SLURRY SEAL
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	88	93	\$10,504	31,972	SLURRY SEAL
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC		91	85	91	\$9,835	29,774	SLURRY SEAL
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC		80	76	84	\$7,952	29,978	SLURRY SEAL
Treatment Total													\$125,468			
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	71	73	\$361	330,897	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC		92	87	88	\$23	619,697	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC		78	83	84	\$316	926,685	SEAL CRACKS
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC		81	83	84	\$160	550,561	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC		66	71	73	\$611	440,230	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

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				
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC		73	78	80	\$225	591,466	SEAL CRACKS	
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	86	87	\$109	850,296	SEAL CRACKS	
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	80	82	\$42	559,978	SEAL CRACKS	
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	83	\$288	370,628	SEAL CRACKS	
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	79	81	\$281	365,975	SEAL CRACKS	
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	82	84	\$171	725,522	SEAL CRACKS	
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	73	75	\$486	417,060	SEAL CRACKS	
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	77	79	\$587	359,654	SEAL CRACKS	
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		63	86	87	\$77	850,296	SEAL CRACKS	
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	83	84	\$156	482,552	SEAL CRACKS	
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	80	82	\$237	948,308	SEAL CRACKS	
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC		93	87	88	\$15	790,745	SEAL CRACKS	
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	77	79	\$388	319,617	SEAL CRACKS	
VERANO AVENUE WEST	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	78	80	\$623	360,618	SEAL CRACKS	
Year 2023 Area Total											1,057,361	Treatment Total		\$5,156			
Year 2023 Total											\$499,154						

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				
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC		75	64	100	\$110,330	13,286	Edge Grind 2"OL w/Fabric	
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC		68	60	100	\$63,727	11,227	Edge Grind 2"OL w/Fabric	
Treatment Total											\$174,057						
Treatment Total											\$113,114						

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Rating	Treatment	
											Current PCI	PCI After			
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	68	100	13,171	CrackSeal+SlurrySeal
CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	CHARLE	114B	1,436	48	68,928	R	AC		75	68	77	15,583	CrackSeal+SlurrySeal
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	68	77	15,577	CrackSeal+SlurrySeal
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC		76	69	78	15,051	CrackSeal+SlurrySeal
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	68	77	15,577	CrackSeal+SlurrySeal
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	68	77	15,577	CrackSeal+SlurrySeal
Treatment Total														\$78,596	
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	70	79	29,135	SLURRY SEAL
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	83	90	30,003	SLURRY SEAL
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	81	89	43,815	SLURRY SEAL
CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	CHURCH	203B	611	32	19,552	R	AC		80	73	82	27,055	SLURRY SEAL
FOURTH STREET WEST	MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	77	85	28,696	SLURRY SEAL
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	77	85	28,699	SLURRY SEAL
HARRINGTON DRIVE	FIFTH STREET WEST	LOT # 440/ PAVE CHG	HARRIN	190	365	26	9,490	R	AC		80	73	82	27,055	SLURRY SEAL
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	84	91	30,383	SLURRY SEAL
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC		92	84	90	29,519	SLURRY SEAL
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC		96	88	94	31,768	SLURRY SEAL
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	89	77,932	SLURRY SEAL
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	78	86	33,712	SLURRY SEAL
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	77	85	38,852	SLURRY SEAL
Treatment Total														\$130,462	

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/17/2019

Scenario: PTAP-20 - Scenario 2 Expected Annual Budget

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	79	81	\$200	393,162	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC		93	83	84	\$315	364,303	SEAL CRACKS
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTH	143E	660	37	24,420	R	AC/AC		81	85	86	\$104	677,642	SEAL CRACKS
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTH	173A2	175	49	8,575	A	AC		83	81	83	\$82	360,922	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTH	173G	956	29	27,724	A	AC/AC		71	86	87	\$87	825,530	SEAL CRACKS
FIRST STREET WEST	HOUSE #19985	WEST MACARTHUR STREET	FIRST	169D	305	36	10,980	R	AC		68	71	73	\$176	209,607	SEAL CRACKS
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	86	87	\$191	540,123	SEAL CRACKS
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	83	84	\$151	487,742	SEAL CRACKS
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	86	87	\$75	574,548	SEAL CRACKS
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	80	82	\$203	335,999	SEAL CRACKS
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	82	84	\$430	287,793	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	80	82	\$319	520,856	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	71	73	\$124	283,139	SEAL CRACKS
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	70	73	\$155	327,503	SEAL CRACKS
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	85	86	\$24	545,623	SEAL CRACKS
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	71	73	\$307	303,899	SEAL CRACKS
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECON	101A1	239	32	7,648	R	AC		78	83	84	\$67	492,315	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECON	101F	290	33	9,570	C	AC		85	85	86	\$71	505,665	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECON	101G	983	30	29,490	C	AC		82	84	85	\$229	491,794	SEAL CRACKS
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRD	171D	549	40	21,960	C	AC/AC		86	80	82	\$218	329,128	SEAL CRACKS
													Treatment Total	\$3,528		

** - Treatment from Project Selection Scenarios Criteria:

Year 2024 Area Total 872,798
 Total Section Area: 5,006,825

Year 2024 Total \$499,757
 Grand Total \$2,498,158

MTC StreetSaver

Appendix G – Budget Analysis Scenario 3 – Maintain Current PCI



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	25%	\$500,000	II	\$168,714	Non-Project	\$127,820	\$0	\$7,101,596	Funded	\$0
			III	\$203,307					Unmet	\$43,235
			IV	\$0	Project	\$0	\$0	\$7,816,597	Funded	\$0
			V	\$0						
			Total	\$372,021						
			Project	\$0						
2021	25%	\$725,000	II	\$175,719	Non-Project	\$188,869	\$0	\$7,816,597	Funded	\$0
			III	\$359,129					Unmet	\$9,798
			IV	\$0	Project	\$0	\$0	\$9,099,580	Funded	\$0
			V	\$0						
			Total	\$534,848						
			Project	\$0						
2022	25%	\$725,000	II	\$192,094	Non-Project	\$183,325	\$0	\$9,099,580	Funded	\$0
			III	\$349,410					Unmet	\$9,630
			IV	\$0	Project	\$0	\$0	\$8,683,851	Funded	\$0
			V	\$0						
			Total	\$541,504						
			Project	\$0						
2023	25%	\$900,000	II	\$87,397	Non-Project	\$230,980	\$0	\$8,683,851	Funded	\$0
			III	\$325,376					Unmet	\$1,843
			IV	\$255,821	Project	\$0	\$0	\$8,683,851	Funded	\$0
			V	\$0						
			Total	\$668,594						
			Project	\$0						
2024	25%	\$1,000,000	II	\$26,876	Non-Project	\$259,591	\$0	\$9,160,061	Funded	\$0
			III	\$128,298					Unmet	\$1,835
			IV	\$585,065	Project	\$0	\$0	\$9,160,061	Funded	\$0
			V	\$0						
			Total	\$740,239						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,387,465	\$183,359	\$0	\$6,482
Collector	\$940,998	\$219,454	\$0	\$7,297
Residential/Local	\$528,743	\$587,772	\$0	\$52,562
Grand Total:	\$2,857,206	\$990,585	\$0	\$66,341



Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$500,000	25%	2022	\$725,000	25%	2024	\$1,000,000	25%
2021	\$725,000	25%	2023	\$900,000	25%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	71	72	6.87	13.75
2021	69	72	6.39	12.78
2022	67	72	5.50	11.00
2023	65	72	6.93	13.92
2024	63	72	7.11	14.78

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.9%	13.8%	41.0%	0.0%	68.6%
II / III	2.8%	5.2%	13.1%	0.0%	21.1%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.1%	16.4%	42.0%	0.0%	74.4%
II / III	0.0%	0.6%	9.8%	0.0%	10.4%
IV	0.6%	2.1%	4.3%	0.0%	7.0%
V	0.9%	0.5%	6.9%	0.0%	8.2%
Total	17.5%	19.5%	63.0%	0.0%	100.0%



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year	Budget	PM	Year	Budget	PM
2020	\$500,000	25%	2024	\$1,000,000	25%
2021	\$725,000	25%			

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment			Rating	Treatment
											Current PCI	PCI Before	PCI After		
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	67	100	18,177	Edge Grind 2'OL w/Fabric
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		62	62	100	20,021	Edge Grind 2'OL w/Fabric
Treatment Total													\$203,307		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	64	74	20,030	CrackSeal+SlurrySeal Typ II
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	67	76	21,017	CrackSeal+SlurrySeal Typ II
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC		64	63	73	24,190	CrackSeal+SlurrySeal Typ II
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC		66	66	75	32,919	CrackSeal+SlurrySeal Typ II
FIRST STREET WEST	HOUSE #19985	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	68	77	17,506	CrackSeal+SlurrySeal Typ II
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	63	73	22,036	CrackSeal+SlurrySeal Typ II
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	68	77	24,816	CrackSeal+SlurrySeal Typ II
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	65	75	23,135	CrackSeal+SlurrySeal Typ II
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	66	75	21,597	CrackSeal+SlurrySeal Typ II
Treatment Total													\$168,714		
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC		78	78	86	83,849	SLURRY SEAL
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC		81	81	88	45,962	SLURRY SEAL
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC		81	81	88	50,093	SLURRY SEAL
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC		73	73	81	70,346	SLURRY SEAL
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	78	86	48,873	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	79	87	\$6,767	40,152	SLURRY SEAL
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	76	84	\$7,584	40,617	SLURRY SEAL
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	88	\$12,134	41,130	SLURRY SEAL
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	78	86	\$10,271	43,660	SLURRY SEAL
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	77	85	\$8,468	54,725	SLURRY SEAL
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	76	84	\$19,551	44,491	SLURRY SEAL
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	81	88	\$7,331	38,184	SLURRY SEAL
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	81	88	\$1,284	46,209	SLURRY SEAL
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC		78	78	86	\$2,975	45,296	SLURRY SEAL
Treatment Total												\$121,971				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	77	79	\$91	266,829	SEAL CRACKS
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	74	76	\$248	325,996	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	79	81	\$100	61,727	SEAL CRACKS
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	74	76	\$328	252,355	SEAL CRACKS
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	83	84	\$91	605,531	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	81	82	\$131	275,766	SEAL CRACKS
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	83	84	\$75	272,711	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	85	86	\$241	262,294	SEAL CRACKS
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	78	\$31	262,747	SEAL CRACKS
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	86	87	\$127	338,446	SEAL CRACKS
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	81	82	\$102	388,737	SEAL CRACKS
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	81	82	\$196	388,612	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	81	\$253	272,640	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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			
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC		80	80	82	\$288	275,311	SEAL CRACKS
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	77	79	\$246	266,837	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	83	84	\$106	272,704	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	84	85	\$224	331,314	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	80	81	\$280	450,471	SEAL CRACKS
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	77	79	\$42	266,829	SEAL CRACKS
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	82	\$153	275,310	SEAL CRACKS
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	80	82	\$193	275,310	SEAL CRACKS
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	81	82	\$332	275,726	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECON	101G	983	30	29,490	C	AC		82	82	83	\$246	494,366	SEAL CRACKS
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN	105C	1,247	37	46,139	R	AC/AC		77	77	79	\$508	426,706	SEAL CRACKS
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	83	\$197	1,119,663	SEAL CRACKS
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	81	82	\$277	377,528	SEAL CRACKS
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODD	200	477	33	15,741	R	AC		87	87	88	\$87	241,826	SEAL CRACKS
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	83	84	\$419	407,876	SEAL CRACKS
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	77	79	\$237	351,820	SEAL CRACKS

Treatment Total \$5,849
 Year 2020 Area Total 1,278,070
 Year 2020 Total \$499,841

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			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	61	100	\$114,458	14,976	Edge Grind 2"OL w/Fabric
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	60	100	\$69,326	15,159	Edge Grind 2"OL w/Fabric

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment
												PCI Before	PCI After		
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	69	100	15,733	Edge Grind 2"OL w/Fabric
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	60	100	15,160	Edge Grind 2"OL w/Fabric
Treatment Total													\$359,129		
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	67	76	16,895	CrackSeal+SlurrySeal
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	63	73	16,387	CrackSeal+SlurrySeal
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC		70	68	77	17,024	CrackSeal+SlurrySeal
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	61	71	16,129	CrackSeal+SlurrySeal
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	66	76	16,799	CrackSeal+SlurrySeal
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC		68	66	76	16,799	CrackSeal+SlurrySeal
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC		71	69	78	17,107	CrackSeal+SlurrySeal
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	66	76	16,799	CrackSeal+SlurrySeal
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	66	76	16,799	CrackSeal+SlurrySeal
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	63	73	16,385	CrackSeal+SlurrySeal
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	62	72	16,266	CrackSeal+SlurrySeal
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	68	77	18,376	CrackSeal+SlurrySeal
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINAAV	154	328	33	10,824	R	AC		71	69	78	17,107	CrackSeal+SlurrySeal
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	60	71	14,375	CrackSeal+SlurrySeal
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	63	73	16,385	CrackSeal+SlurrySeal
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC		70	69	78	22,481	CrackSeal+SlurrySeal
Treatment Total													\$175,719		
BETTENCOURT STREET	FOURTH STREET WEST	THIRD STREET WEST	BETTEN	179B	649	34	22,066	R	AC/AC		88	87	93	35,821	SLURRY SEAL
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	76	84	36,001	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
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 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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			
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	85	\$1,042	29,063	SLURRY SEAL
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF FIFTH W MACARTHUR ST		173A2	175	49	8,575	A	AC		83	80	88	\$3,435	40,066	SLURRY SEAL
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	77	85	\$15,830	32,614	SLURRY SEAL
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC		79	77	85	\$2,332	28,729	SLURRY SEAL
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	85	91	\$11,876	35,704	SLURRY SEAL
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	93	\$10,934	29,684	SLURRY SEAL
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC		87	86	92	\$6,557	35,478	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	81	88	\$2,304	32,143	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIP	217	173	27	4,671	R	AC		77	75	84	\$1,871	31,793	SLURRY SEAL
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIP	223A	897	37	33,189	R	AC/AC		87	86	92	\$13,295	35,318	SLURRY SEAL
JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	JUNIP	223B	567	37	20,979	R	AC/AC		87	86	92	\$8,404	35,318	SLURRY SEAL
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC		79	77	85	\$2,675	28,731	SLURRY SEAL
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	80	88	\$18,963	33,117	SLURRY SEAL
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC		76	74	83	\$9,280	32,436	SLURRY SEAL
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC		80	78	86	\$7,217	30,772	SLURRY SEAL
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	74	82	\$7,811	37,935	SLURRY SEAL
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECON	101F	290	33	9,570	C	AC		85	83	90	\$3,834	36,812	SLURRY SEAL
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECON	101G	983	30	29,490	C	AC		82	82	89	\$11,813	36,933	SLURRY SEAL
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAIN	105A	624	60	37,440	R	AC/AC		75	74	82	\$14,997	36,096	SLURRY SEAL
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC		80	78	86	\$7,495	30,643	SLURRY SEAL
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	78	86	\$8,606	30,946	SLURRY SEAL
Treatment Total													\$186,665			
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRY	186	416	33	13,728	R	AC		85	83	85	\$106	263,945	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	88	\$104	325,789	SEAL CRACKS	
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC		80	78	\$139	264,076	SEAL CRACKS	
CONTENTO COURT	COROLLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC		83	81	\$48	267,870	SEAL CRACKS	
DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC		90	88	\$35	222,829	SEAL CRACKS	
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC		93	89	\$163	281,183	SEAL CRACKS	
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	87	\$54	2,367,901	SEAL CRACKS	
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	83	\$213	698,756	SEAL CRACKS	
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC		75	73	\$203	243,749	SEAL CRACKS	
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC		76	74	\$105	248,242	SEAL CRACKS	
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC		85	83	\$105	263,945	SEAL CRACKS	
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC		81	79	\$42	266,682	SEAL CRACKS	
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC		77	76	\$386	415,217	SEAL CRACKS	
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC		83	81	\$52	305,637	SEAL CRACKS	
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC		86	84	\$122	436,856	SEAL CRACKS	
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC		76	74	\$208	320,824	SEAL CRACKS	
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC		83	81	\$119	267,867	SEAL CRACKS	
Treatment Total											\$2,204					
Year 2021 Area Total											1,123,660	Year 2021 Total	\$723,717			

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC		65	60	\$44,615	13,821	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTHE	143B	683	27	18,441	A	AC/AC		72	69	\$65,214	15,607	Edge Grind 2"OL w/Fabric

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment
												PCI Before	PCI After		
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC		65	61	100	11,733	Edge Grind 2"OL w/Fabric
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC		67	61	100	14,508	Edge Grind 2"OL w/Fabric
Treatment Total \$349,410															
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC		72	68	77	22,221	CrackSeal+SlurrySeal
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTH	173A	1,287	49	63,063	A	AC		74	69	78	24,163	CrackSeal+SlurrySeal
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTH	173B	1,134	49	55,566	A	AC/AC		64	69	78	22,700	CrackSeal+SlurrySeal
MARIANO DRIVE	HOUSE #705	FIFTH STREET WEST	MARIAN	225B	955	33	31,515	R	AC		73	69	79	16,653	CrackSeal+SlurrySeal
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET NAPAE EAST	161C	633	38	24,054	A	AC	AC		73	68	77	24,014	CrackSeal+SlurrySeal
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC		71	68	78	23,076	CrackSeal+SlurrySeal
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	68	77	16,032	CrackSeal+SlurrySeal
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECON	101C	643	32	20,576	C	AC		73	68	77	18,017	CrackSeal+SlurrySeal
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET SPAINW WEST	204C	669	37	24,753	A	AC/AC	AC/AC		72	68	78	35,115	CrackSeal+SlurrySeal
THIRD STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	THIRDW	171B	264	37	9,768	R	AC/AC		71	68	77	19,651	CrackSeal+SlurrySeal
Treatment Total \$192,094															
CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	CHARLE	114B	1,436	48	68,928	R	AC		75	72	80	28,728	SLURRY SEAL
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC		77	74	82	28,684	SLURRY SEAL
EVANS AVENUE	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	EVANS	185	602	33	19,866	R	AC		74	71	79	28,615	SLURRY SEAL
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC		90	85	92	30,453	SLURRY SEAL
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC		92	87	93	34,696	SLURRY SEAL
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	81	88	32,111	SLURRY SEAL
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	78	86	35,519	SLURRY SEAL

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC		74	71	79	\$17,072	28,615	SLURRY SEAL
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC		92	87	93	\$12,246	34,886	SLURRY SEAL
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC		92	87	93	\$15,804	34,886	SLURRY SEAL
OAK LANE	EAST MACARTHUR STREET	CHASE STREET	OAK	147A	630	32	20,160	R	AC		78	75	83	\$8,318	28,616	SLURRY SEAL
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN E	105C	1,247	37	46,139	R	AC/AC		77	77	85	\$19,036	36,510	SLURRY SEAL
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC		90	88	94	\$6,274	31,365	SLURRY SEAL
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC		91	87	93	\$9,548	28,681	SLURRY SEAL
Treatment Total													\$182,162			
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC		92	87	88	\$40	1,648,258	SEAL CRACKS
AUREO COURT	AVENUE DEL ORO	CUL DE SAC	AUREO	121	146	27	3,942	R	AC		94	89	89	\$20	410,548	SEAL CRACKS
AVENUE DEL ORO	FIFTH STREET EAST	CORDILLERAS DRIVE	AVENUE	120A	779	33	25,707	R	AC		94	89	89	\$125	410,548	SEAL CRACKS
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC		92	88	89	\$58	213,387	SEAL CRACKS
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC		84	81	82	\$40	259,814	SEAL CRACKS
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC		88	84	86	\$128	250,581	SEAL CRACKS
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC		94	89	89	\$40	410,516	SEAL CRACKS
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC		89	85	86	\$176	245,591	SEAL CRACKS
FIRST STREET WEST	HOUSE #20054	MALET STREET	FIRSTW	169B	354	26	9,204	R	AC		84	81	82	\$87	259,814	SEAL CRACKS
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC		90	86	87	\$120	499,317	SEAL CRACKS
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAIN E	105B	655	37	24,235	R	AC/AC		88	85	86	\$117	664,575	SEAL CRACKS
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC		92	87	88	\$76	3,173,138	SEAL CRACKS
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	87	88	\$136	941,938	SEAL CRACKS
Treatment Total													\$1,163			
Year 2022 Area Total													1,055,727			
Year 2022 Total													\$724,829			

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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			
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	62	100	\$98,291	14,026	Edge Grind 2"OL w/Fabric
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC		75	67	100	\$107,117	13,104	Edge Grind 2"OL w/Fabric
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC		68	62	100	\$61,871	11,200	Edge Grind 2"OL w/Fabric
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC		75	67	100	\$58,097	13,103	Edge Grind 2"OL w/Fabric
Treatment Total														\$325,376		
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTHE	143A	603	30	18,090	A	AC/AC		54	46	100	\$109,820	13,041	3"OL w/Fab+33%Digout
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC		54	46	100	\$146,001	13,109	3"OL w/Fab+33%Digout
Treatment Total														\$255,821		
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC		75	69	78	\$35,287	15,013	CrackSeal+SlurrySeal Typ II
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	69	78	\$14,689	18,386	CrackSeal+SlurrySeal Typ II
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	68	77	\$5,193	16,041	CrackSeal+SlurrySeal Typ II
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	68	77	\$27,332	20,830	CrackSeal+SlurrySeal Typ II
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	69	78	\$4,896	16,089	CrackSeal+SlurrySeal Typ II
Treatment Total														\$87,397		
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	74	83	\$3,492	27,803	SLURRY SEAL
BRAGG STREET	CLAY STREET	DEAD END NORTH OF COOPER ST	BRAGG	211	335	33	11,055	R	AC		80	75	83	\$4,698	27,687	SLURRY SEAL
CARSON COURT	LASUEN STREET	CUL DE SAC	CARSON	231	193	33	6,369	R	AC		84	79	87	\$2,707	26,198	SLURRY SEAL
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	78	86	\$6,325	26,884	SLURRY SEAL
CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	CHURCH	203B	611	32	19,552	R	AC		80	75	83	\$8,309	27,687	SLURRY SEAL
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC		77	72	81	\$16,225	27,164	SLURRY SEAL
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	81	88	\$8,843	31,178	SLURRY SEAL
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC		93	85	92	\$5,997	29,945	SLURRY SEAL
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	76	84	\$10,865	27,494	SLURRY SEAL

** - Treatment from Project Selection
 Scenarios Criteria:



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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2023

Street Name	Begin Location	End Location	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC 195D	735	33	24,255	R	AC		81	76	84	\$10,308	27,474	SLURRY SEAL
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC 187	158	34	5,372	R	AC		81	76	84	\$2,283	27,474	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET HARASZ WEST	208	640	33	21,120	R	AC		79	74	83	\$8,975	27,802	SLURRY SEAL
HARRINGTON DRIVE	FIFTH STREET WEST	LOT # 440/PAVE CHG	190	365	26	9,490	R	AC		80	75	83	\$4,033	27,686	SLURRY SEAL
HAYES STREET	ROAD WIDENS	BETTENCOURT STREET	209B	187	33	6,171	R	AC		81	76	84	\$2,623	27,474	SLURRY SEAL
LA QUINTA LANE	FIFTH STREET WEST	BERRYESSA DRIVE	212	636	33	20,988	R	AC		82	77	85	\$8,919	27,134	SLURRY SEAL
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	155B	811	38	30,818	R	AC		80	77	85	\$13,097	27,232	SLURRY SEAL
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	235A	603	37	22,311	R	AC		77	74	83	\$9,482	27,803	SLURRY SEAL
LASUEN STREET	JOAQUIN DRIVE	FIFTH STREET WEST	235B	919	37	34,003	R	AC		82	77	85	\$14,450	27,136	SLURRY SEAL
MANOR DRIVE	HIKING PATH WEST	MACARTHUR STREET	189B	1,186	34	40,324	R	AC		79	74	83	\$17,136	27,802	SLURRY SEAL
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	161A	287	69	19,803	A	AC		93	85	92	\$8,416	29,945	SLURRY SEAL
NEWCOMB STREET	BROADWAY	HIGH SCHOOL PARKING LOT	192B	300	41	12,300	R	AC		81	76	84	\$5,227	27,474	SLURRY SEAL
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	241	115	33	3,795	R	AC		77	74	83	\$1,613	27,803	SLURRY SEAL
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	152F	355	46	16,330	R	AC		80	77	85	\$6,940	27,233	SLURRY SEAL
ROBINSON ROAD	PALOU STREET	LASUEN STREET	222A	626	33	20,658	R	AC		80	77	85	\$8,779	27,234	SLURRY SEAL
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	222B	1,149	33	37,917	R	AC		81	78	86	\$16,113	26,886	SLURRY SEAL
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	204D	668	37	24,716	A	AC		94	88	93	\$10,504	31,972	SLURRY SEAL
STUDLEY STREET	SIXTH STREET WEST	FIFTH STREET WEST	220C1	629	37	22,273	R	AC		80	75	83	\$9,465	27,686	SLURRY SEAL
Treatment Total													\$225,824		
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	167D	641	38	24,358	C	AC/AC		67	71	73	\$361	330,897	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	150B	312	32	9,984	R	AC/AC		92	87	88	\$23	619,697	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET FIFTH	143C	1,247	37	46,139	A	AC/AC		78	83	84	\$316	926,685	SEAL CRACKS
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	173D	619	37	22,903	A	AC/AC		81	83	84	\$160	550,561	SEAL CRACKS



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 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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				
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC		66	71	73	\$611	440,230	SEAL CRACKS	
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTH	173F	531	37	19,647	A	AC/AC		73	78	80	\$225	591,466	SEAL CRACKS	
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	86	87	\$109	850,296	SEAL CRACKS	
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	80	82	\$42	559,978	SEAL CRACKS	
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	83	\$288	370,628	SEAL CRACKS	
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	79	81	\$281	365,975	SEAL CRACKS	
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	82	84	\$171	725,522	SEAL CRACKS	
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	73	75	\$486	417,060	SEAL CRACKS	
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	77	79	\$587	359,654	SEAL CRACKS	
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		62	86	87	\$77	850,296	SEAL CRACKS	
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	83	84	\$156	482,552	SEAL CRACKS	
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	80	82	\$237	948,308	SEAL CRACKS	
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC		93	87	88	\$15	790,745	SEAL CRACKS	
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	77	79	\$388	319,617	SEAL CRACKS	
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	78	80	\$623	360,618	SEAL CRACKS	
Year 2023 Area Total											1,314,837	Treatment Total		\$5,156			
Year 2023 Total											\$899,574						

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			
AUSTIN AVENUE	FRANCE STREET	PATTEN STREET	AUSTIN	162C	604	33	19,932	R	AC		66	60	100	\$74,779	11,136	Edge Grind 2'OL w/Fabric
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC		66	60	100	\$20,128	11,135	Edge Grind 2'OL w/Fabric
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC		68	60	100	\$33,391	11,227	Edge Grind 2'OL w/Fabric
Treatment Total											\$128,298					

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC		58	47	100	\$585,065	12,587	3"OL w/Fab+33%Digout
Treatment Total													\$585,065			
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	68	100	\$7,288	13,171	CrackSeal+SlurrySeal Typ
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	68	77	\$5,058	15,577	CrackSeal+SlurrySeal Typ
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC		76	69	78	\$7,553	15,051	CrackSeal+SlurrySeal Typ
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	68	77	\$3,492	15,577	CrackSeal+SlurrySeal Typ
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	68	77	\$3,485	15,577	CrackSeal+SlurrySeal Typ
Treatment Total													\$26,876			
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	70	79	\$8,586	29,135	SLURRY SEAL
BAUDIN WAY	CASA BONNE LN	DEAD END	BAUDIN	252	186	20	3,720	R	AC		94	85	92	\$1,629	22,825	SLURRY SEAL
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	83	90	\$8,796	30,003	SLURRY SEAL
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	70	79	\$11,381	26,939	SLURRY SEAL
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	81	89	\$5,319	43,815	SLURRY SEAL
CASA BONNE LANE	4TH ST WEST	BAUDIN WAY	CASABO	251	336	20	6,720	R	AC		94	85	92	\$2,942	22,820	SLURRY SEAL
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	78	86	\$4,290	26,027	SLURRY SEAL
CURTIN LANE	SEVENTH STREET WEST	HOUSE #601	CURTIN	218A	351	33	11,583	R	AC/AC		94	86	92	\$5,070	22,840	SLURRY SEAL
DAVILA COURT	EASTIN DRIVE	CUL DE SAC	DAVILA	140	317	33	10,461	R	AC		86	79	87	\$4,579	25,236	SLURRY SEAL
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	80	87	\$16,117	25,098	SLURRY SEAL
EASTIN DRIVE	DENMARK STREET	FIFTH STREET EAST	EASTIN	139	1,308	33	43,164	R	AC		84	77	85	\$18,893	26,192	SLURRY SEAL
ESTE MADERA DRIVE	ESTE MADERA LANE	END OF LOOP	ESTEDR	134B	1,044	33	34,452	R	AC		88	81	88	\$15,080	23,912	SLURRY SEAL
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	77	85	\$5,090	28,696	SLURRY SEAL
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	77	85	\$9,782	28,699	SLURRY SEAL
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC		96	88	94	\$11,475	25,773	SLURRY SEAL
FRANCE STREET	OAK LANE	FOURTH STREET EAST	FRANCE	151C	491	35	17,185	C	AC		96	88	93	\$7,522	26,014	SLURRY SEAL

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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			
JOAQUIN DRIVE	100' SOUTH OF MITCHELL WAY	LASUEN STREET	JOAQUI	224B	546	33	18,018	R	AC		85	78	86	\$7,887	25,759	SLURRY SEAL
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	78	86	\$6,024	26,025	SLURRY SEAL
LYON LANE	SONOMA HWY	PALOU ST	LYONLA	254	290	30	8,700	R	AC		93	85	91	\$3,808	23,441	SLURRY SEAL
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	84	91	\$16,001	30,383	SLURRY SEAL
MOLL COURT	END OF TANGENT	EAST DEAD END	MOLLCT	163B	150	59	8,850	R	AC		86	79	87	\$3,874	25,242	SLURRY SEAL
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC		92	84	90	\$7,721	29,519	SLURRY SEAL
RAY COURT	EASTIN DRIVE	CUL DE SAC	RAYCT	141	183	29	5,307	R	AC		87	80	88	\$2,323	24,591	SLURRY SEAL
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC		96	88	94	\$7,820	31,768	SLURRY SEAL
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	89	\$10,560	77,932	SLURRY SEAL
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC		92	85	91	\$7,758	23,351	SLURRY SEAL
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	78	86	\$14,511	33,712	SLURRY SEAL
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDVA	200	477	33	15,741	R	AC		87	81	88	\$6,890	23,912	SLURRY SEAL
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	77	85	\$23,564	38,852	SLURRY SEAL
Treatment Total													\$255,292			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	86	87	\$107	574,548	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	79	81	\$200	393,162	SEAL CRACKS
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	86	87	\$65	574,548	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC		93	83	84	\$315	364,303	SEAL CRACKS
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC		81	85	86	\$104	677,642	SEAL CRACKS
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC		83	81	83	\$82	360,922	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	86	87	\$87	825,530	SEAL CRACKS
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	79	81	\$434	263,215	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 3 Maintain PCI

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			
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	71	73	\$176	209,607	SEAL CRACKS
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	86	87	\$191	540,123	SEAL CRACKS
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	88	\$165	295,679	SEAL CRACKS
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	83	84	\$151	487,742	SEAL CRACKS
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	86	87	\$75	574,548	SEAL CRACKS
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	80	82	\$203	335,999	SEAL CRACKS
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	82	84	\$430	287,793	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	80	82	\$319	520,856	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	71	73	\$124	283,139	SEAL CRACKS
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	70	73	\$155	327,503	SEAL CRACKS
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	85	86	\$24	545,623	SEAL CRACKS
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET ROSALI WEST	205	642	642	30	19,260	R	AC		66	71	73	\$307	303,899	SEAL CRACKS
SECOND STREET EAST	MACARTHUR LANE	MACARTHUR STREET	SECONC	101A1	239	32	7,648	R	AC		78	83	84	\$67	492,315	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONC	101F	290	33	9,570	C	AC		85	85	86	\$71	505,665	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONC	101G	983	30	29,490	C	AC		82	84	85	\$229	491,794	SEAL CRACKS
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC		86	80	82	\$218	329,128	SEAL CRACKS

Treatment Total	\$4,299
Year 2024 Area Total	1,272,677
Total Section Area:	6,044,971
Year 2024 Total	\$999,830
Grand Total	\$3,847,791

** - Treatment from Project Selection
 Scenarios Criteria:

Appendix H – Budget Analysis Scenario 4 – Improve PCI by 5



Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap				
2020	25%	\$1,000,000	II	\$271,094	Non-Project	\$252,039	\$0	\$6,602,930	Funded	\$0	
			III	\$475,382					Unmet	\$39,838	
			IV	\$0	Project	\$0					
			V	\$0							
			Total	\$746,476							
			Project	\$0							
2021	25%	\$1,500,000	II	\$80,019	Non-Project	\$375,157	\$0	\$6,610,319	Funded	\$0	
			III	\$1,043,471					Unmet	\$9,397	
			IV	\$0	Project	\$0					
			V	\$0							
			Total	\$1,123,490							
			Project	\$0							
2022	15%	\$1,500,000	II	\$197,136	Non-Project	\$236,705	\$0	\$7,432,596	Funded	\$0	
			III	\$816,121					Unmet	\$7,942	
			IV	\$248,370	Project	\$0					
			V	\$0							
			Total	\$1,261,627							
			Project	\$0							
2023	7%	\$2,000,000	II	\$46,917	Non-Project	\$138,421	\$1,579	\$6,005,272	Funded	\$0	
			III	\$812,863					Unmet	\$631	
			IV	\$860,174	Project	\$0					
			V	\$130,217							
			Total	\$1,850,171							
			Project	\$0							
2024	7%	\$2,000,000	II	\$19,323	Non-Project	\$150,551	\$0	\$5,887,574	Funded	\$0	
			III	\$0					Unmet	\$0	
			IV	\$1,359,581	Project	\$0					
			V	\$423,047							
			Total	\$1,801,951							
			Project	\$0							

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,863,132	\$182,663	\$0	\$4,652
Collector	\$1,620,665	\$217,457	\$0	\$3,719
Residential/Local -	\$3,299,918	\$752,753	\$0	\$49,435
Grand Total:	\$6,783,715	\$1,152,873	\$0	\$57,807



Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$1,000,000	25%	2022	\$1,500,000	15%	2024	\$2,000,000	7%
2021	\$1,500,000	25%	2023	\$2,000,000	7%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	71	73	9.79	19.58
2021	69	75	9.09	18.24
2022	67	75	7.58	15.15
2023	65	76	8.22	16.45
2024	63	77	7.08	14.71

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.9%	15.2%	43.4%	0.0%	72.5%
II / III	2.8%	3.8%	10.7%	0.0%	17.2%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	17.0%	18.7%	52.4%	0.0%	88.1%
II / III	0.0%	0.0%	2.1%	0.0%	2.1%
IV	0.0%	0.3%	1.9%	0.0%	2.2%
V	0.6%	0.5%	6.5%	0.0%	7.6%
Total	17.5%	19.5%	63.0%	0.0%	100.0%



City of Sonoma
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year	Budget	PM	Year	Budget	PM
2020	\$1,000,000	25%	2022	\$1,500,000	15%
2021	\$1,500,000	25%	2023	\$2,000,000	7%
			2024	\$2,000,000	7%

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment			Rating	Treatment
											Current PCI	PCI Before	PCI After		
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC		65	64	100	13,482	Edge Grind 2'OL w/Fabric
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	63	100	15,033	Edge Grind 2'OL w/Fabric
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	67	100	18,177	Edge Grind 2'OL w/Fabric
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	63	100	15,033	Edge Grind 2'OL w/Fabric
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		62	62	100	20,021	Edge Grind 2'OL w/Fabric
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC		63	63	100	12,170	Edge Grind 2'OL w/Fabric
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECONE	101B	660	32	21,120	C	AC		60	60	100	15,604	Edge Grind 2'OL w/Fabric
Treatment Total													\$475,382		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	64	74	20,030	CrackSeal+SlurrySeal Typ
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	67	76	21,017	CrackSeal+SlurrySeal Typ
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	69	78	17,577	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC		64	63	73	24,190	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC		66	66	75	32,919	CrackSeal+SlurrySeal Typ
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	65	74	17,119	CrackSeal+SlurrySeal Typ
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	68	77	17,506	CrackSeal+SlurrySeal Typ
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	63	73	16,865	CrackSeal+SlurrySeal Typ
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	68	77	17,505	CrackSeal+SlurrySeal Typ
LINDA DRIVE	MITCHELL WAY WEST	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC		68	68	77	17,505	CrackSeal+SlurrySeal Typ
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	63	73	22,036	CrackSeal+SlurrySeal Typ

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment
												PCI Before	PCI After		
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	68	77	24,816	CrackSeal+SlurrySeal Typ II
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	68	77	17,505	CrackSeal+SlurrySeal Typ II
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	68	77	17,505	CrackSeal+SlurrySeal Typ II
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC		61	61	71	16,604	CrackSeal+SlurrySeal Typ II
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	65	74	17,118	CrackSeal+SlurrySeal Typ II
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	64	74	16,997	CrackSeal+SlurrySeal Typ II
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	65	75	23,135	CrackSeal+SlurrySeal Typ II
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	66	75	21,597	CrackSeal+SlurrySeal Typ II
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	63	73	15,566	CrackSeal+SlurrySeal Typ II
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	65	74	17,118	CrackSeal+SlurrySeal Typ II
Treatment Total												\$271,094			
BETTENCOURT STREET	FOURTH STREET WEST	THIRD STREET WEST	BETTEN	179B	649	34	22,066	R	AC/AC		88	88	94	34,740	SLURRY SEAL
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	79	86	37,873	SLURRY SEAL
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC		78	78	86	83,849	SLURRY SEAL
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC		81	81	88	45,962	SLURRY SEAL
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC		83	83	90	38,170	SLURRY SEAL
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC		81	81	88	50,093	SLURRY SEAL
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC		73	73	81	70,346	SLURRY SEAL
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	80	87	34,107	SLURRY SEAL
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	78	86	48,873	SLURRY SEAL
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	87	93	34,833	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	79	87	\$6,767	40,152	SLURRY SEAL
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC		87	87	93	\$6,366	34,546	SLURRY SEAL
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	76	84	\$7,584	40,617	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	82	89	\$2,237	31,870	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIPE	217	173	27	4,671	R	AC		77	77	85	\$1,817	32,316	SLURRY SEAL
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPE	223A	897	37	33,189	R	AC/AC		87	87	93	\$12,907	34,383	SLURRY SEAL
JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	JUNIPE	223B	567	37	20,979	R	AC/AC		87	87	93	\$8,159	34,383	SLURRY SEAL
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC		79	79	87	\$2,597	28,782	SLURRY SEAL
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	88	\$12,134	41,130	SLURRY SEAL
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	78	86	\$10,271	43,660	SLURRY SEAL
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	77	85	\$8,468	54,725	SLURRY SEAL
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	83	90	\$18,410	33,831	SLURRY SEAL
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	76	84	\$19,551	44,491	SLURRY SEAL
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	81	88	\$7,331	38,184	SLURRY SEAL
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	75	83	\$7,584	39,462	SLURRY SEAL
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	81	88	\$1,284	46,209	SLURRY SEAL
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC		78	78	86	\$2,975	45,296	SLURRY SEAL
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC		85	85	91	\$3,722	36,848	SLURRY SEAL
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAINE	105A	624	60	37,440	R	AC/AC		75	75	83	\$14,560	37,087	SLURRY SEAL
Treatment Total												\$246,190				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	77	79	\$91	266,829	SEAL CRACKS
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	74	76	\$248	325,996	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	79	81	\$100	61,727	SEAL CRACKS
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	74	76	\$328	252,355	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment	Cost
												PCI Before	PCI After			
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	83	84	605,531	SEAL CRACKS	\$91
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	81	82	275,766	SEAL CRACKS	\$131
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	83	84	272,711	SEAL CRACKS	\$75
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	85	86	262,294	SEAL CRACKS	\$241
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	78	262,747	SEAL CRACKS	\$31
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	86	87	338,446	SEAL CRACKS	\$127
FOURTH STREET WEST	MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	81	82	388,737	SEAL CRACKS	\$102
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	81	82	388,612	SEAL CRACKS	\$196
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	81	272,640	SEAL CRACKS	\$253
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC		80	80	82	275,311	SEAL CRACKS	\$288
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	77	79	266,837	SEAL CRACKS	\$246
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	83	84	272,704	SEAL CRACKS	\$106
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	84	85	331,314	SEAL CRACKS	\$224
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	80	81	450,471	SEAL CRACKS	\$280
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	77	79	266,829	SEAL CRACKS	\$42
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	82	275,310	SEAL CRACKS	\$153
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	80	82	275,310	SEAL CRACKS	\$193
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	81	82	275,726	SEAL CRACKS	\$332
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC		82	82	83	494,366	SEAL CRACKS	\$246
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAINW	105C	1,247	37	46,139	R	AC/AC		77	77	79	426,706	SEAL CRACKS	\$508
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	83	1,119,663	SEAL CRACKS	\$197
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	81	82	377,528	SEAL CRACKS	\$277
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDVA	200	477	33	15,741	R	AC		87	87	88	241,826	SEAL CRACKS	\$87

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
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 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	83	\$419	407,876	SEAL CRACKS
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	77	\$237	351,820	SEAL CRACKS
Treatment Total											\$5,849				
Year 2020 Area Total											1,832,667	\$998,515			

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
ARMSTRONG DRIVE	CHARLES VAN DAMME WAY	EAST NAPA STREET	ARMSTR	113	421	46	19,366	R	AC		63	61	\$66,490	11,833	Edge Grind 2'OL w/Fabric
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC		63	61	\$123,096	11,777	Edge Grind 2'OL w/Fabric
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	61	\$114,458	14,976	Edge Grind 2'OL w/Fabric
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	69	\$95,186	15,733	Edge Grind 2'OL w/Fabric
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	68	\$92,649	13,658	Edge Grind 2'OL w/Fabric
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC		65	62	\$125,564	14,786	Edge Grind 2'OL w/Fabric
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC		63	61	\$68,557	11,884	Edge Grind 2'OL w/Fabric
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC		65	63	\$41,599	11,691	Edge Grind 2'OL w/Fabric
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC		62	60	\$20,281	12,406	Edge Grind 2'OL w/Fabric
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC		62	60	\$28,367	12,406	Edge Grind 2'OL w/Fabric
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC		67	64	\$191,004	14,360	Edge Grind 2'OL w/Fabric
STUDLEY STREET	OREGON ST	300' W OF 7TH ST W AT #790	STUDLE	220A1	600	37	22,200	R	AC		63	61	\$76,220	12,205	Edge Grind 2'OL w/Fabric
Treatment Total											\$1,043,471				
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC		70	68	\$30,777	17,024	CrackSeal+SlurrySeal Typ II
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET	LINDA	207B	646	33	21,318	R	AC		71	69	\$14,639	17,107	CrackSeal+SlurrySeal Typ II
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC		61	69	\$4,879	17,156	CrackSeal+SlurrySeal Typ II

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												PCI Before	PCI After		
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	68	77	18,376	CrackSeal+SlurrySeal Typ II
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINAAV	154	328	33	10,824	R	AC		71	69	78	17,107	CrackSeal+SlurrySeal Typ II
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC		70	69	78	22,481	CrackSeal+SlurrySeal Typ II
Treatment Total													\$80,019		
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC		75	73	82	26,841	SLURRY SEAL
BRAGG STREET	CLAY STREET	DEAD END NORTH OF COOPER ST	BRAGG	211	335	33	11,055	R	AC		80	78	86	28,259	SLURRY SEAL
CARSON COURT	LASUEN STREET	CUL DE SAC	CARSON	231	193	33	6,369	R	AC		84	82	89	24,950	SLURRY SEAL
CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	CHARLE	114B	1,436	48	68,928	R	AC		75	73	82	29,602	SLURRY SEAL
CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	CHURCH	203B	611	32	19,552	R	AC		80	78	86	28,260	SLURRY SEAL
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC		77	75	84	29,340	SLURRY SEAL
DAVILA COURT	EASTIN DRIVE	CUL DE SAC	DAVILA	140	317	33	10,461	R	AC		86	84	91	22,375	SLURRY SEAL
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	84	91	22,066	SLURRY SEAL
EASTIN DRIVE	DENMARK STREET	FIFTH STREET EAST	EASTIN	139	1,308	33	43,164	R	AC		84	82	89	24,941	SLURRY SEAL
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	85	29,063	SLURRY SEAL
ESTE MADERA LANE	EAST FIFTH STREET	ESTE MADERA DRIVE	ESTELN	135	232	33	7,656	R	AC		90	88	93	15,749	SLURRY SEAL
EVANS AVENUE	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	EVANS	185	602	33	19,866	R	AC		74	72	81	29,559	SLURRY SEAL
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC		77	75	83	28,103	SLURRY SEAL
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC		79	77	85	28,729	SLURRY SEAL
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC		90	88	93	24,757	SLURRY SEAL
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	93	29,684	SLURRY SEAL
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	87	27,779	SLURRY SEAL
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC		81	79	87	27,681	SLURRY SEAL
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC		76	74	83	27,570	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC	187	158	34	5,372	R	AC		81	79	87	\$2,152	27,680	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	HARASZ	208	640	33	21,120	R	AC		79	77	85	\$8,460	28,733	SLURRY SEAL
HARRINGTON DRIVE	FIFTH STREET WEST	LOT # 440/ PAVE CHG	HARRIN	190	365	26	9,490	R	AC		80	78	86	\$3,802	28,258	SLURRY SEAL
HAYES STREET	ROAD WIDENS	BETTENCOURT STREET	HAYES	209B	187	33	6,171	R	AC		81	79	87	\$2,472	27,680	SLURRY SEAL
JOAQUIN DRIVE	100' SOUTH OF MITCHELL WAY	LASUEN STREET	JOAQUI	224B	546	33	18,018	R	AC		85	83	90	\$7,218	23,741	SLURRY SEAL
LA QUINTA LANE	FIFTH STREET WEST	BERRYESSA DRIVE	LAQUIN	212	636	33	20,988	R	AC		82	80	88	\$8,407	26,900	SLURRY SEAL
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC		80	80	88	\$12,345	27,098	SLURRY SEAL
LASUEN STREET	JOAQUIN DRIVE	FIFTH STREET WEST	LASUEN	235B	919	37	34,003	R	AC		82	80	88	\$13,621	26,904	SLURRY SEAL
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC		92	89	95	\$3,562	26,316	SLURRY SEAL
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC		74	72	81	\$16,575	29,559	SLURRY SEAL
MANOR DRIVE	HIKING PATH	WEST MACARTHUR STREET	MANOR	189B	1,186	34	40,324	R	AC		79	77	85	\$16,153	28,731	SLURRY SEAL
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC		76	74	83	\$9,280	32,436	SLURRY SEAL
MOLL COURT	END OF TANGENT	EAST DEAD END	MOLLCT	163B	150	59	8,850	R	AC		86	84	91	\$3,545	22,388	SLURRY SEAL
NEWCOMB STREET	BROADWAY	HIGH SCHOOL PARKING LOT	NEWCOM	192B	300	41	12,300	R	AC		81	79	87	\$4,927	27,678	SLURRY SEAL
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC		80	78	86	\$7,217	30,772	SLURRY SEAL
OAK LANE	EAST MACARTHUR STREET	CHASE STREET	OAK	147A	630	32	20,160	R	AC		78	76	84	\$8,076	29,112	SLURRY SEAL
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	88	\$6,542	27,100	SLURRY SEAL
RAY COURT	EASTIN DRIVE	CUL DE SAC	RAYCT	141	183	29	5,307	R	AC		87	85	92	\$2,126	20,808	SLURRY SEAL
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECON	101G	983	30	29,490	C	AC		82	82	89	\$11,813	36,933	SLURRY SEAL
STUDLEY STREET	SIXTH STREET WEST	FIFTH STREET WEST	STUDLE	220C1	629	37	22,273	R	AC		80	78	86	\$8,922	28,258	SLURRY SEAL
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC		91	89	94	\$9,270	26,324	SLURRY SEAL
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC		80	78	86	\$7,495	30,643	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	78	86	\$8,606	30,946	SLURRY SEAL
Treatment Total \$372,953																
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC		85	83	85	\$106	263,945	SEAL CRACKS
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	88	89	\$104	325,789	SEAL CRACKS
CHASE STREET	FIFTH STREET	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC		80	78	80	\$139	264,076	SEAL CRACKS
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC		83	81	83	\$48	267,870	SEAL CRACKS
DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC		90	88	89	\$35	222,829	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC		93	89	90	\$163	281,183	SEAL CRACKS
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	87	88	\$54	2,367,901	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	83	84	\$213	698,756	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC		75	73	76	\$203	243,749	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC		76	74	77	\$105	248,242	SEAL CRACKS
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC		85	83	85	\$105	263,945	SEAL CRACKS
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC		81	79	81	\$42	266,682	SEAL CRACKS
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC		77	76	78	\$386	415,217	SEAL CRACKS
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC		83	81	83	\$52	305,637	SEAL CRACKS
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC		86	84	85	\$122	436,856	SEAL CRACKS
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC		76	74	77	\$208	320,824	SEAL CRACKS
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC		83	81	83	\$119	267,867	SEAL CRACKS
											Treatment Total	\$2,204				
											Year 2021 Area Total	1,648,664	Year 2021 Total	\$1,498,647		



City of Sonoma
 Number 1 The Plaza
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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

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			
AUSTIN AVENUE	FRANCE STREET	PATTEN STREET	AUSTIN	162C	604	33	19,932	R	AC		66	63	100	\$70,487	11,068	Edge Grind 2"OL w/Fabric
AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693	AVENUE	120B	801	33	26,433	R	AC		69	65	100	\$93,476	10,900	Edge Grind 2"OL w/Fabric
DONNER AVENUE	EAST MACARTHUR AVENUE	CHASE STREET	DONNER	150A	626	32	20,032	R	AC/AC		64	60	100	\$70,840	11,640	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC		72	69	100	\$65,214	15,607	Edge Grind 2"OL w/Fabric
FINE AVENUE	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	FINEAV	153	606	33	19,998	R	AC		66	62	100	\$70,720	11,594	Edge Grind 2"OL w/Fabric
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC		66	63	100	\$18,973	11,067	Edge Grind 2"OL w/Fabric
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC		68	64	100	\$31,474	11,141	Edge Grind 2"OL w/Fabric
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC		75	69	100	\$103,997	12,856	Edge Grind 2"OL w/Fabric
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC		66	63	100	\$103,513	11,116	Edge Grind 2"OL w/Fabric
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC		68	64	100	\$60,069	11,141	Edge Grind 2"OL w/Fabric
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC		67	63	100	\$70,953	11,371	Edge Grind 2"OL w/Fabric
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET	PATTEN	152E	638	25	15,950	C	AC		75	69	100	\$56,405	12,856	Edge Grind 2"OL w/Fabric
Treatment Total													\$816,121			
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTH	143A	603	30	18,090	A	AC/AC		54	49	100	\$106,621	13,143	3"OL w/Fab+33%Digout
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC		54	49	100	\$141,749	13,220	3"OL w/Fab+33%Digout
Treatment Total													\$248,370			
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC		72	68	77	\$17,846	22,221	CrackSeal+SlurrySeal Typ II
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTHW	173A	1,287	49	63,063	A	AC		74	69	78	\$44,603	24,163	CrackSeal+SlurrySeal Typ II
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC		64	69	78	\$39,300	22,700	CrackSeal+SlurrySeal Typ II
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF JOAQUI OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	69	79	\$5,042	16,656	CrackSeal+SlurrySeal Typ II
MARIANO DRIVE	HOUSE #705	FIFTH STREET WEST	MARIAN	225B	955	33	31,515	R	AC		73	69	79	\$22,290	16,653	CrackSeal+SlurrySeal Typ II
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC		73	68	77	\$17,013	24,014	CrackSeal+SlurrySeal Typ II

** - Treatment from Project Selection Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

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				
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC		71	68	78	\$4,574	23,076	CrackSeal+SlurrySeal II	
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	68	77	\$7,499	16,027	CrackSeal+SlurrySeal II	
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECCONE	101C	643	32	20,576	C	AC		73	68	77	\$14,553	18,017	CrackSeal+SlurrySeal II	
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET	SPAINW WEST	204C	669	37	24,753	A	AC/AC		72	68	78	\$17,507	35,115	CrackSeal+SlurrySeal II	
THIRD STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	THIRDW	171B	264	37	9,768	R	AC/AC		71	68	77	\$6,909	19,651	CrackSeal+SlurrySeal II	
Treatment Total													\$197,136				
BAUDIN WAY	CASA BONNE LN	DEAD END	BAUDIN	252	186	20	3,720	R	AC		94	89	94	\$1,535	17,368	SLURRY SEAL	
BETTENCOURT STREET	THIRD STREET WEST	SECOND STREET WEST	BETTEN	179C	643	34	21,862	R	AC/AC		92	88	94	\$9,020	16,435	SLURRY SEAL	
BROCKMAN DRIVE	DENMARK STREET	CUL DE SAC	BROCKM	137A	664	33	21,912	R	AC		90	86	92	\$9,041	18,717	SLURRY SEAL	
CASA BONNE LANE	4TH ST WEST	BAUDIN WAY	CASABO	251	336	20	6,720	R	AC		94	89	94	\$2,773	17,360	SLURRY SEAL	
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	79	87	\$6,141	26,842	SLURRY SEAL	
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC		94	89	95	\$8,331	15,368	SLURRY SEAL	
ESTE MADERA DRIVE	EAST MACARTHUR STREET	ESTE MADERA LANE	ESTEDR	134A	797	33	26,301	R	AC		90	86	92	\$10,852	18,720	SLURRY SEAL	
ESTE MADERA DRIVE	ESTE MADERA LANE	END OF LOOP	ESTEDR	134B	1,044	33	34,452	R	AC		88	84	91	\$14,214	21,437	SLURRY SEAL	
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC		93	87	93	\$5,823	24,567	SLURRY SEAL	
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	81	88	\$5,678	25,463	SLURRY SEAL	
LYON LANE	SONOMA HWY	PALOU ST	LYONLA	254	290	30	8,700	R	AC		93	88	94	\$3,590	18,357	SLURRY SEAL	
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	81	88	\$12,872	32,111	SLURRY SEAL	
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	78	86	\$12,164	35,519	SLURRY SEAL	
MACARTHUR LANE	SECOND STREET EAST	CUL DE SAC	MACARL	249	518	29	15,022	R	AC		91	87	93	\$6,198	17,347	SLURRY SEAL	
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC		94	89	95	\$3,429	15,359	SLURRY SEAL	
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC		93	87	93	\$8,171	24,567	SLURRY SEAL	

** - Treatment from Project Selection
 Scenarios Criteria:



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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

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				
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC		92	87	93	\$12,246	34,886	SLURRY SEAL	
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC		92	87	93	\$15,804	34,886	SLURRY SEAL	
OREGON STREET	200' WEST OF SEVENTH ST	EAST OF SIXTH ST WEST	OREGON	219B	930	37	34,410	R	AC/AC		94	89	95	\$14,197	15,389	SLURRY SEAL	
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC		92	87	93	\$7,278	21,906	SLURRY SEAL	
SAN LORENZO COURT	EAST NAPA ST	CUL-DE-SAC	SANLOR	255	700	30	21,000	R	AC		94	89	94	\$8,665	17,324	SLURRY SEAL	
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC		94	89	95	\$3,649	15,389	SLURRY SEAL	
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC		93	89	94	\$4,595	16,625	SLURRY SEAL	
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC		92	88	94	\$4,687	17,620	SLURRY SEAL	
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN	105C	1,247	37	46,139	R	AC/AC		77	77	85	\$19,036	36,510	SLURRY SEAL	
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC		92	88	94	\$7,313	18,895	SLURRY SEAL	
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC		90	88	94	\$6,274	31,365	SLURRY SEAL	
THIRD STREET WEST	ARROYO WAY	BETTENCOURT STREET	THIRDW	171A	390	34	13,260	R	AC/AC		94	89	95	\$5,471	17,306	SLURRY SEAL	
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDVA	200	477	33	15,741	R	AC		87	84	91	\$6,495	21,437	SLURRY SEAL	
Treatment Total												\$235,542					
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC		92	87	88	\$40	1,648,258	SEAL CRACKS	
AUREO COURT	AVENUE DEL ORO	CUL DE SAC	AUREO	121	146	27	3,942	R	AC		94	89	89	\$20	410,548	SEAL CRACKS	
AVENUE DEL ORO	FIFTH STREET EAST	CORDILLERAS DRIVE	AVENUE	120A	779	33	25,707	R	AC		94	89	89	\$125	410,548	SEAL CRACKS	
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC		92	88	89	\$58	213,387	SEAL CRACKS	
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC		84	81	82	\$40	259,814	SEAL CRACKS	
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC		88	84	86	\$128	250,581	SEAL CRACKS	
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC		94	89	89	\$40	410,516	SEAL CRACKS	
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC		89	85	86	\$176	245,591	SEAL CRACKS	
FIRST STREET WEST	HOUSE #20054	MALET STREET	FIRSTW	169B	354	26	9,204	R	AC		84	81	82	\$87	259,814	SEAL CRACKS	
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC		90	86	87	\$120	499,317	SEAL CRACKS	

** - Treatment from Project Selection
 Scenarios Criteria:

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 SS1026

MTC StreetSaver



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 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment		
											Current PCI	PCI After					
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAIN	105B	655	37	24,235	R	AC/AC		88	85	\$117	664,575	SEAL CRACKS		
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC		92	87	\$76	3,173,138	SEAL CRACKS		
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	87	\$136	941,938	SEAL CRACKS		
Treatment Total												\$1,163					
Year 2022 Area Total												1,366,333	\$1,498,332				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
COOPER STREET	PICKETT DRIVE	BRAGG STREET	COOPER	199	589	33	19,437	R	AC		69	63	\$70,798	10,974	Edge Grind 2'OL w/Fabric	
CORDILLERAS DRIVE	MACARTHUR STREET	AVENUE DEL ORO	CORDIL	124A	552	33	18,216	R	AC		73	68	\$66,351	9,996	Edge Grind 2'OL w/Fabric	
DANIEL YOUNG DRIVE	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	DANIEL	118	433	37	16,021	R	AC		70	66	\$58,356	9,886	Edge Grind 2'OL w/Fabric	
DONNER AVENUE	FRANCE STREET	PATTEN STREET	DONNER	150C	608	32	19,456	R	AC		72	68	\$70,867	9,380	Edge Grind 2'OL w/Fabric	
FIFTH STREET EAST	FRANCE STREET	PATTEN STREET	FIFTH	143D	684	37	25,308	R	AC/AC		67	62	\$92,183	10,822	Edge Grind 2'OL w/Fabric	
FIRST STREET WEST	MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC		70	65	\$146,397	10,744	Edge Grind 2'OL w/Fabric	
FOURTH STREET EAST	CHASE STREET	PATTEN STREET	FOURTE	112B	1,247	32	39,904	R	AC		69	63	\$145,348	10,974	Edge Grind 2'OL w/Fabric	
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC		71	67	\$126,648	9,313	Edge Grind 2'OL w/Fabric	
SECOND STREET EAST	BLUE WING DRIVE	HOUSE #80	SECON	101H	290	34	9,860	R	AC		70	65	\$35,915	10,746	Edge Grind 2'OL w/Fabric	
Treatment Total												\$812,863				
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC		58	47	\$131,322	9,483	3'OL w/Fab+33%Digout	
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC		56	45	\$77,402	9,593	3'OL w/Fab+33%Digout	
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC		59	48	\$171,631	9,422	3'OL w/Fab+33%Digout	
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECON	101D	652	32	20,864	C	AC		55	43	\$126,660	9,644	3'OL w/Fab+33%Digout	
Treatment Total												\$507,015				

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5
 Printed: 12/19/2019

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment		
											Current PCI	PCI After					
ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	ADLER	117	243	33	8,019	R	AC		48	40	100	\$48,681	8,371	Edge Grind 2'OL w/Fab+33%Dig	
BANCHERO STREET	BARRACHIWAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC		53	46	100	\$30,020	8,144	Edge Grind 2'OL w/Fab+33%Dig	
PALOU STREET	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	PALOU	221	359	33	11,847	R	AC		50	43	100	\$71,920	8,248	Edge Grind 2'OL w/Fab+33%Dig	
TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	TOWNE	128	892	33	29,436	R	AC		50	43	100	\$178,698	8,285	Edge Grind 2'OL w/Fab+33%Dig	
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC		52	45	100	\$23,840	8,129	Edge Grind 2'OL w/Fab+33%Dig	
Treatment Total													\$353,159				
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	69	78	\$14,689	18,386	CrackSeah+SlurrySeal Typ II	
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	68	77	\$27,332	20,830	CrackSeah+SlurrySeal Typ II	
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	69	78	\$4,896	16,075	CrackSeah+SlurrySeal Typ II	
Treatment Total													\$46,917				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	74	83	\$3,492	27,803	SLURRY SEAL	
BETTENCOURT STREET	FIFTH STREET WEST	FOURTH STREET WEST	BETTEN	179A	611	32	19,552	R	AC/AC		94	88	93	\$8,309	16,244	SLURRY SEAL	
CURTIN LANE	SEVENTH STREET WEST	HOUSE #601	CURTIN	218A	351	33	11,583	R	AC/AC		94	88	93	\$4,923	20,469	SLURRY SEAL	
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC		94	88	93	\$8,457	18,613	SLURRY SEAL	
DONNER AVENUE	MACARTHUR LANE	EAST MACARTHUR AVENUE	DONNER	150	250	26	6,500	R	AC		94	87	93	\$2,763	16,426	SLURRY SEAL	
ESTE MADERA COURT	ESTE MADERA DRIVE	CUL DE SAC	ESTECT	136	302	27	8,154	R	AC		94	87	93	\$3,466	16,432	SLURRY SEAL	
ESTE MADERA DRIVE	ESTE MADERA DRIVE	CUL DE SAC	ESTEDR	134C	396	33	13,068	R	AC		94	87	93	\$5,554	16,442	SLURRY SEAL	
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	81	88	\$8,843	31,178	SLURRY SEAL	
FOURTH STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	FOURTW	172C	265	37	9,805	R	AC		94	87	93	\$4,167	16,416	SLURRY SEAL	
HAYES STREET	BEG. OF PAVEMENT	ROAD WIDENS	HAYES	209A	294	16	4,704	R	AC		93	86	93	\$1,999	17,222	SLURRY SEAL	
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC		94	87	93	\$2,958	16,429	SLURRY SEAL	

** - Treatment from Project Selection Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
JUNIPERO SERRA DRIVE	VASQUEZCOURT	FANO LANE	JUNIPE	223C	379	37	14,023	R	AC/AC		92	87	93	\$5,960	18,112	SLURRY SEAL
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	74	83	\$9,482	27,803	SLURRY SEAL
LOVALL VALLEY ROAD	175' EAST OF WILKING WAY	CITY LIMIT/325' E. OF GEHRICKE	LOVALL	107B	1,253	25	31,325	R	AC		94	87	93	\$13,312	16,432	SLURRY SEAL
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	74	83	\$1,613	27,803	SLURRY SEAL
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	77	85	\$8,779	27,234	SLURRY SEAL
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	78	86	\$16,113	26,886	SLURRY SEAL
SEVENTH STREET WEST	STUDLEY STREET	WEST NAPA STREET	SEVENW	175C	319	37	11,803	R	AC/AC		94	88	93	\$5,016	20,469	SLURRY SEAL
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	88	93	\$10,504	31,972	SLURRY SEAL
VIRGINIA COURT	CHASE STREET	CUL DE SAC	VIRGIN	144	436	33	14,388	R	AC		94	87	93	\$6,115	16,432	SLURRY SEAL
Treatment Total											\$131,825					
ANDRIEUX STREET WEST	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	71	73	\$361	330,897	SEAL CRACKS
ANDRIEUX STREET WEST	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC		65	86	87	\$40	591,785	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	81	83	\$170	444,598	SEAL CRACKS
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	86	87	\$63	591,785	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC		92	87	88	\$23	619,697	SEAL CRACKS
FIFTH STREET EAST	CHASE STREET	FRANCE STREET	FIFTH	143C	1,247	37	46,139	A	AC/AC		78	83	84	\$316	926,685	SEAL CRACKS
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTH	173A2	175	49	8,575	A	AC		83	83	84	\$72	373,939	SEAL CRACKS
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTH	173D	619	37	22,903	A	AC/AC		81	83	84	\$160	550,561	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC		66	71	73	\$611	440,230	SEAL CRACKS
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTH	173F	531	37	19,647	A	AC/AC		73	78	80	\$225	591,466	SEAL CRACKS
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	81	83	\$370	286,483	SEAL CRACKS
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	86	87	\$109	850,296	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	80	82	\$42	559,978	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

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				
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	1120	942	32	29,648	C	AC		87	88	89	\$162	594,182	SEAL CRACKS	
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	86	87	\$73	591,785	SEAL CRACKS	
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	83	\$288	370,628	SEAL CRACKS	
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	79	81	\$281	365,975	SEAL CRACKS	
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	82	84	\$171	725,522	SEAL CRACKS	
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	84	85	\$364	306,330	SEAL CRACKS	
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	73	75	\$486	417,060	SEAL CRACKS	
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	77	79	\$587	359,654	SEAL CRACKS	
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		62	86	87	\$77	850,296	SEAL CRACKS	
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	83	84	\$156	482,552	SEAL CRACKS	
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECON	101B	660	32	21,120	C	AC		60	86	87	\$66	591,785	SEAL CRACKS	
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECON	101F	290	33	9,570	C	AC		85	86	87	\$60	557,466	SEAL CRACKS	
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	80	82	\$237	948,308	SEAL CRACKS	
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC		93	87	88	\$15	790,745	SEAL CRACKS	
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	77	79	\$388	319,617	SEAL CRACKS	
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	78	80	\$623	360,618	SEAL CRACKS	
Treatment Total												\$6,596					
CARILLO COURT	VERANO AVENUE	CUL DE SAC	CARILL	227	325	33	10,725	R	AC		10	0	100	\$130,217	4,064	RECONSTRUCT STRUCTURE (AC)	
Treatment Total												\$130,217					
Year 2023 Area Total												1,512,221					
Year 2023 Total												\$1,988,592					

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			
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC		58	47	100	\$585,065	12,587	3"OL w/Fab+33%Digout

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
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Scenarios - Sections Selected for Treatment

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Inflation: 3.00%

Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

Printed: 12/19/2019

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC		60	49	100	\$208,914	12,405	3'OL w/Fab+33%Digout
Treatment Total													\$793,979			
HUDSON COURT	FRANCE STREET	CUL DE SAC	HUDSON	145	371	33	12,243	R	AC		58	49	100	\$76,554	7,694	Edge Grind 2'OL w/Fab+33%Dig
JUNIPERO SERRA DRIVE	FANO LANE	VERANO AVENUE	JUNIPE	223D	702	37	25,974	R	AC/AC		55	47	100	\$162,411	7,745	Edge Grind 2'OL w/Fab+33%Dig
LAS CASITAS COURT	EAST SPAIN STREET	CUL DE SAC	LASCAS	104	479	33	15,807	R	AC		58	49	100	\$98,839	7,695	Edge Grind 2'OL w/Fab+33%Dig
LOVALL VALLEY ROAD	FOURTH STREET EAST	175' EAST OF WILKING WAY	LOVALL	107A	629	39	24,531	R	AC		54	45	100	\$153,389	7,950	Edge Grind 2'OL w/Fab+33%Dig
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECCONE	101I	350	34	11,900	R	AC		58	49	100	\$74,409	7,695	Edge Grind 2'OL w/Fab+33%Dig
Treatment Total													\$565,602			
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	68	100	\$7,288	13,171	CrackSeah+SlurrySeal Typ II
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	68	77	\$5,058	15,567	CrackSeah+SlurrySeal Typ II
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	68	77	\$3,492	15,566	CrackSeah+SlurrySeal Typ II
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	68	77	\$3,485	15,566	CrackSeah+SlurrySeal Typ II
Treatment Total													\$19,323			
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	70	79	\$8,586	29,135	SLURRY SEAL
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	83	90	\$8,796	30,003	SLURRY SEAL
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	70	79	\$11,381	26,939	SLURRY SEAL
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	81	89	\$5,319	43,815	SLURRY SEAL
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	78	86	\$4,290	26,027	SLURRY SEAL
FOURTH STREET WEST	MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	77	85	\$5,090	28,696	SLURRY SEAL
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	77	85	\$9,782	28,699	SLURRY SEAL
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC		96	88	94	\$11,475	25,773	SLURRY SEAL
FRANCE STREET	OAK LANE	FOURTH STREET EAST	FRANCE	151C	491	35	17,185	C	AC		96	88	93	\$7,522	26,014	SLURRY SEAL

** - Treatment from Project Selection Scenarios Criteria:



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 Printed: 12/19/2019

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	84	91	\$16,001	30,383	SLURRY SEAL
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC		96	88	94	\$7,820	31,768	SLURRY SEAL
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	89	\$10,560	77,932	SLURRY SEAL
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	78	86	\$14,511	33,712	SLURRY SEAL
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	77	85	\$23,564	38,852	SLURRY SEAL
Treatment Total													\$144,697			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	86	87	\$107	574,548	SEAL CRACKS
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	72	74	\$371	215,027	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC		93	83	84	\$315	364,303	SEAL CRACKS
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTH	143E	660	37	24,420	R	AC/AC		81	85	86	\$104	677,642	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	86	87	\$87	825,530	SEAL CRACKS
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	86	87	\$86	574,548	SEAL CRACKS
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC		65	86	87	\$117	574,548	SEAL CRACKS
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	71	73	\$176	209,607	SEAL CRACKS
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC		90	85	86	\$105	351,734	SEAL CRACKS
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	88	\$165	295,679	SEAL CRACKS
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	83	84	\$151	487,742	SEAL CRACKS
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	80	82	\$203	335,999	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	84	85	\$35	414,534	SEAL CRACKS
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	71	73	\$735	209,552	SEAL CRACKS
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIP	217	173	27	4,671	R	AC		77	79	81	\$51	333,739	SEAL CRACKS
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC		79	80	82	\$69	244,725	SEAL CRACKS
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC		92	87	88	\$12	4,426,505	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 4 Improve PCI by 5

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			
LINDA DRIVE	MITCHELL WAY	FIFTH STEET WEST	LINDA	207A	591	33	19,503	R	AC		68	71	73	\$312	209,552	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	80	82	\$319	520,856	SEAL CRACKS
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	71	73	\$105	209,552	SEAL CRACKS
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	71	73	\$160	209,552	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	71	73	\$124	283,139	SEAL CRACKS
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	79	81	\$216	319,942	SEAL CRACKS
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	70	73	\$155	327,503	SEAL CRACKS
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	85	86	\$24	545,623	SEAL CRACKS
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC		63	87	88	\$10	612,378	SEAL CRACKS
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	71	73	\$307	303,899	SEAL CRACKS
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC		67	86	87	\$178	574,548	SEAL CRACKS
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECON	101A1	239	32	7,648	R	AC		78	83	84	\$67	492,315	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECON	101G	983	30	29,490	C	AC		82	84	85	\$229	491,794	SEAL CRACKS
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAIN	105A	624	60	37,440	R	AC/AC		75	79	81	\$417	387,306	SEAL CRACKS
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRD	171D	549	40	21,960	C	AC/AC		86	80	82	\$218	329,128	SEAL CRACKS
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRD	171E	609	38	23,142	C	AC		91	88	89	\$124	298,639	SEAL CRACKS
DENMARK STREET	GARRY LANE	254' WEST OF FIFTH STREET EAST	DENMAR	138B	541	22	11,902	R	AC		30	18	100	\$148,843	3,946	RECONSTRUCT STRUCTURE (AC)
FIRST STREET WEST	HOUSE #344	HIKING PATH	FIRSTW	169I	571	32	18,272	A	AC		0	0	100	\$274,204	4,985	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$5,854			
												Year 2024 Total	\$1,952,502			
												Grand Total	\$7,936,588			

** - Treatment from Project Selection Scenarios Criteria:

Appendix I – Budget Analysis Scenario 5 – Budget Needs Average



Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	8%	\$2,719,994	II	\$271,094	Non-Project	\$231,032	\$0	\$4,882,537	Funded	\$0
			III	\$2,216,787					Unmet	\$32,292
			IV	\$0	Project	\$0	\$0	\$4,882,537	Funded	\$0
			V	\$0						
			Total	\$2,487,881						
			Project	\$0						
2021	8%	\$2,719,994	II	\$80,019	Non-Project	\$277,964	\$0	\$3,916,852	Funded	\$0
			III	\$638,582					Unmet	\$1,976
			IV	\$623,967	Project	\$0	\$0	\$3,916,852	Funded	\$0
			V	\$1,097,549						
			Total	\$2,440,117						
			Project	\$0						
2022	8%	\$2,719,994	II	\$197,136	Non-Project	\$284,494	\$0	\$3,552,987	Funded	\$0
			III	\$481,796					Unmet	\$4,157
			IV	\$643,364	Project	\$0	\$0	\$3,552,987	Funded	\$0
			V	\$1,111,473						
			Total	\$2,433,769						
			Project	\$0						
2023	8%	\$2,719,994	II	\$46,917	Non-Project	\$215,291	\$133	\$1,523,407	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$460,634	Project	\$0	\$0	\$1,523,407	Funded	\$0
			V	\$1,996,282						
			Total	\$2,503,833						
			Project	\$0						
2024	6%	\$2,719,994	II	\$19,323	Non-Project	\$151,598	\$0	\$584,892	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$1,043,781	Project	\$0	\$0	\$584,892	Funded	\$0
			V	\$1,425,209						
			Total	\$2,488,313						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$2,312,003	\$183,175	\$0	\$1,584
Collector	\$1,717,161	\$218,284	\$0	\$653
Residential/Local	\$8,324,749	\$758,920	\$0	\$36,189
Grand Total:	\$12,353,913	\$1,160,379	\$0	\$38,425



Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/19/2019

Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$2,719,994	8.47%	2022	\$2,719,994	8.47%	2024	\$2,719,994	5.57%
2021	\$2,719,994	8.47%	2023	\$2,719,994	7.92%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	71	76	12.44	24.88
2021	69	78	8.43	16.91
2022	67	80	8.54	17.09
2023	65	82	9.03	18.05
2024	63	84	9.35	19.25

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.3%	11.9%	40.3%	0.0%	63.4%
II / III	5.4%	7.2%	13.8%	0.0%	26.3%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.9%	17.3%	50.0%	0.0%	81.1%
II / III	2.8%	1.7%	4.1%	0.0%	8.6%
IV	0.6%	0.5%	3.7%	0.0%	4.7%
V	0.3%	0.0%	5.2%	0.0%	5.5%
Total	17.5%	19.5%	63.0%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	17.5%	19.0%	60.8%	0.0%	97.4%
II / III	0.0%	0.0%	0.7%	0.0%	0.7%
IV	0.0%	0.0%	1.2%	0.0%	1.2%
V	0.0%	0.5%	0.2%	0.0%	0.7%
Total	17.5%	19.5%	63.0%	0.0%	100.0%



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

Year	Budget	PM	Year	Budget	PM
2020	\$2,719,994	8.47%	2022	\$2,719,994	8.47%
2021	\$2,719,994	8.47%	2023	\$2,719,994	7.92%
2024	\$2,719,994	5.57%			

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			
ANDRIEUX STREET WEST	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC		65	64	100	\$42,054	13,482	Edge Grind 2"OL w/Fabric
ARMSTRONG DRIVE	CHARLES VAN DAMME WAY	EAST NAPA STREET	ARMSTR	113	421	46	19,366	R	AC		63	63	100	\$64,554	11,784	Edge Grind 2"OL w/Fabric
AUSTIN AVENUE	FRANCE STREET	PATTEN STREET	AUSTIN	162C	604	33	19,932	R	AC		66	66	100	\$66,440	10,882	Edge Grind 2"OL w/Fabric
AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693 AVENUE	120B		801	33	26,433	R	AC		69	69	100	\$88,110	10,646	Edge Grind 2"OL w/Fabric
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC		63	63	100	\$119,510	11,726	Edge Grind 2"OL w/Fabric
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	64	100	\$111,124	14,827	Edge Grind 2"OL w/Fabric
CHASE STREET EAST	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	63	100	\$67,307	15,033	Edge Grind 2"OL w/Fabric
CLAUDIA DRIVE	FIFTH STREET WEST	FOURTH STREET CLAUDI WEST	206		641	31	19,871	R	AC		60	60	100	\$66,237	12,650	Edge Grind 2"OL w/Fabric
COOPER STREET	PICKETT DRIVE	BRAGG STREET	COOPER	199	589	33	19,437	R	AC		69	69	100	\$64,790	10,645	Edge Grind 2"OL w/Fabric
DONNER AVENUE	EAST MACARTHUR AVENUE	CHASE STREET	DONNER	150A	626	32	20,032	R	AC/AC		64	64	100	\$66,774	11,539	Edge Grind 2"OL w/Fabric
FANO LANE	ROBINSON ROAD	JUNIPERO SERRA STREET	FANOLN	237A	454	33	14,982	R	AC/AC		61	61	100	\$49,940	12,154	Edge Grind 2"OL w/Fabric
FINE AVENUE	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	FINEAV	153	606	33	19,998	R	AC		66	66	100	\$66,660	11,450	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC		65	65	100	\$121,907	14,615	Edge Grind 2"OL w/Fabric
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	67	100	\$119,200	18,177	Edge Grind 2"OL w/Fabric
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC		63	63	100	\$66,560	11,837	Edge Grind 2"OL w/Fabric
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC		66	66	100	\$17,884	10,881	Edge Grind 2"OL w/Fabric
FRANCE STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC		68	68	100	\$29,667	10,924	Edge Grind 2"OL w/Fabric
FRANCE STREET EAST	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	63	100	\$77,824	15,033	Edge Grind 2"OL w/Fabric
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC		65	65	100	\$40,387	11,618	Edge Grind 2"OL w/Fabric

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment
												PCI Before	PCI After		
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC		66	66	100	10,934	Edge Grind 2'OL w/Fabric
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC		68	68	100	10,925	Edge Grind 2'OL w/Fabric
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC		62	62	100	12,387	Edge Grind 2'OL w/Fabric
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC		62	62	100	12,387	Edge Grind 2'OL w/Fabric
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET	NAPAE	161D	664	38	25,232	A	AC		62	62	100	20,021	Edge Grind 2'OL w/Fabric
NEIL COURT	BEASLEY WAY	CUL DE SAC	NEILCT	133	208	33	6,864	R	AC		60	60	100	12,504	Edge Grind 2'OL w/Fabric
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC		67	67	100	11,191	Edge Grind 2'OL w/Fabric
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC		60	60	100	12,485	Edge Grind 2'OL w/Fabric
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC		63	63	100	12,170	Edge Grind 2'OL w/Fabric
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC		61	61	100	12,665	Edge Grind 2'OL w/Fabric
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC		67	67	100	14,143	Edge Grind 2'OL w/Fabric
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECON	101B	660	32	21,120	C	AC		60	60	100	15,604	Edge Grind 2'OL w/Fabric
STUDLEY STREET	OREGON ST	300' W OF 7TH ST W AT #790	STUDLE	220A1	600	37	22,200	R	AC		63	63	100	12,170	Edge Grind 2'OL w/Fabric
Treatment Total												\$2,216,787			
ANDRIEUX STREET WEST	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	64	74	20,030	CrackSeal+SlurrySeal
ANDRIEUX STREET WEST	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	67	76	21,017	CrackSeal+SlurrySeal
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	69	78	17,577	CrackSeal+SlurrySeal
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTH	173B	1,134	49	55,566	A	AC/AC		64	63	73	24,190	CrackSeal+SlurrySeal
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC		66	66	75	32,919	CrackSeal+SlurrySeal
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	65	74	17,119	CrackSeal+SlurrySeal
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	68	77	17,506	CrackSeal+SlurrySeal
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	63	73	16,865	CrackSeal+SlurrySeal
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	68	77	17,505	CrackSeal+SlurrySeal

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

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				
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA WEST	207A	591	33	19,503	R	AC		68	68	77	\$13,002	17,505	CrackSeal+SlurrySeal	
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	63	73	\$25,012	22,036	CrackSeal+SlurrySeal	
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	68	77	\$22,990	24,816	CrackSeal+SlurrySeal	
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	68	77	\$4,356	17,505	CrackSeal+SlurrySeal	
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	68	77	\$6,644	17,505	CrackSeal+SlurrySeal	
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC		61	61	71	\$4,736	16,604	CrackSeal+SlurrySeal	
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	65	74	\$3,102	17,118	CrackSeal+SlurrySeal	
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	64	74	\$4,480	16,997	CrackSeal+SlurrySeal	
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN WEST	168A	301	32	9,632	R	AC		65	65	75	\$6,422	23,135	CrackSeal+SlurrySeal	
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI WEST	205	642	30	19,260	R	AC		66	66	75	\$12,840	21,597	CrackSeal+SlurrySeal	
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND STREET	170A	342	31	10,602	C	AC		63	63	73	\$7,068	15,566	CrackSeal+SlurrySeal	
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	65	74	\$3,096	17,118	CrackSeal+SlurrySeal	
Treatment Total													\$271,094				
BETTENCOURT STREET	FOURTH STREET WEST	THIRD STREET WEST	BETTEN WEST	179B	649	34	22,066	R	AC/AC		88	88	94	\$8,582	34,740	SLURRY SEAL	
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES EAST	119B	566	32	18,112	C	AC		79	79	86	\$7,044	37,873	SLURRY SEAL	
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE STREET	143C	1,247	37	46,139	A	AC/AC		78	78	86	\$17,943	83,849	SLURRY SEAL	
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE STREET	143E	660	37	24,420	R	AC/AC		81	81	88	\$9,497	45,962	SLURRY SEAL	
FIFTH STREET WEST	W MACARTHUR STREET	175 SOUTH OF W MACARTHUR ST	FIFTHW ST	173A2	175	49	8,575	A	AC		83	83	90	\$3,335	38,170	SLURRY SEAL	
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW STREET	173D	619	37	22,903	A	AC/AC		81	81	88	\$8,907	50,093	SLURRY SEAL	
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW DRIVE	173F	531	37	19,647	A	AC/AC		73	73	81	\$7,641	70,346	SLURRY SEAL	
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE STREET	100B	608	65	39,520	C	AC		80	80	87	\$15,369	34,107	SLURRY SEAL	

** - Treatment from Project Selection

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MTC StreetSaver

Scenarios Criteria:

SS1026



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Printed: 12/19/2019

Inflation: 3.00%

Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	78	86	\$1,618	48,873	SLURRY SEAL
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	87	93	\$11,530	34,833	SLURRY SEAL
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	79	87	\$6,767	40,152	SLURRY SEAL
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC		87	87	93	\$6,366	34,546	SLURRY SEAL
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	76	84	\$7,584	40,617	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	82	89	\$2,237	31,870	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIPER	217	173	27	4,671	R	AC		77	77	85	\$1,817	32,316	SLURRY SEAL
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPER	223A	897	37	33,189	R	AC/AC		87	87	93	\$12,907	34,383	SLURRY SEAL
JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	JUNIPER	223B	567	37	20,979	R	AC/AC		87	87	93	\$8,159	34,383	SLURRY SEAL
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	88	\$12,134	41,130	SLURRY SEAL
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	78	86	\$10,271	43,660	SLURRY SEAL
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	77	85	\$8,468	54,725	SLURRY SEAL
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	76	84	\$19,551	44,491	SLURRY SEAL
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	81	88	\$7,331	38,184	SLURRY SEAL
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	75	83	\$7,584	39,462	SLURRY SEAL
PUEBLO AVENUE	TEMP DEAD END	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	81	88	\$1,284	46,209	SLURRY SEAL
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECCONE	101A1	239	32	7,648	R	AC		78	78	86	\$2,975	45,296	SLURRY SEAL
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECCONE	101F	290	33	9,570	C	AC		85	85	91	\$3,722	36,848	SLURRY SEAL
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAINNE	105A	624	60	37,440	R	AC/AC		75	75	83	\$14,560	37,087	SLURRY SEAL
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	77	79	\$91	266,829	SEAL CRACKS
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	74	76	\$248	325,996	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	79	81	\$100	61,727	SEAL CRACKS
Treatment Total												\$225,183				



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

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			
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE	BROCKM	137B	1,000	26	26,000	R	AC		74	74	76	\$328	252,355	SEAL CRACKS
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE	BROCKM	137C	405	30	12,150	R	AC		83	83	84	\$91	605,531	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	81	82	\$131	275,766	SEAL CRACKS
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	83	84	\$75	272,711	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	85	86	\$241	262,294	SEAL CRACKS
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	78	\$31	262,747	SEAL CRACKS
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	86	87	\$127	338,446	SEAL CRACKS
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	81	82	\$102	388,737	SEAL CRACKS
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	81	82	\$196	388,612	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	81	\$253	272,640	SEAL CRACKS
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	155B		811	38	30,818	R	AC		80	80	82	\$288	275,311	SEAL CRACKS
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	77	79	\$246	266,837	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	83	84	\$106	272,704	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	84	85	\$224	331,314	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	80	81	\$280	450,471	SEAL CRACKS
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	77	79	\$42	266,829	SEAL CRACKS
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	82	\$153	275,310	SEAL CRACKS
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	80	82	\$193	275,310	SEAL CRACKS
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	81	82	\$332	275,726	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC		82	82	83	\$246	494,366	SEAL CRACKS
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAINW	105C	1,247	37	46,139	R	AC/AC		77	77	79	\$508	426,706	SEAL CRACKS
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	83	\$197	1,119,663	SEAL CRACKS
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	81	82	\$277	377,528	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDVA	200	477	33	15,741	R	AC		87	87	\$87	241,826	SEAL CRACKS
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	83	\$419	407,876	SEAL CRACKS
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	77	\$237	351,820	SEAL CRACKS

Treatment Total \$5,849
 Year 2020 Total \$2,718,913

Year 2020 Area Total 2,301,069

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
DANIEL YOUNG DRIVE	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	DANIEL	118	433	37	16,021	R	AC		70	69	\$55,006	9,592	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	FRANCE STREET	PATTEN STREET FIFTH	FIFTH	143D	684	37	25,308	R	AC/AC		67	65	\$86,891	10,661	Edge Grind 2"OL w/Fabric
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	69	\$95,186	15,733	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	68	\$92,649	13,658	Edge Grind 2"OL w/Fabric
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC		70	68	\$137,993	10,523	Edge Grind 2"OL w/Fabric
FOURTH STREET EAST	CHASE STREET	PATTEN STREET FOURTE	FOURTE	112B	1,247	32	39,904	R	AC		69	67	\$137,004	10,789	Edge Grind 2"OL w/Fabric
SECOND STREET EAST	BLUE WING DRIVE	HOUSE #80	SECONE	101H	290	34	9,860	R	AC		70	68	\$33,853	10,525	Edge Grind 2"OL w/Fabric

Treatment Total \$638,582

Treatment Total \$114,994

SECOND STREET EAST	EAST MACARTHUR	CHASE STREET	SECONE	101A	628	32	20,096	C	AC		50	46	\$114,994	10,116	3"OL w/Fab+33%Digout
ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	ADLER	117	243	33	8,019	R	AC		48	45	\$45,887	8,650	Edge Grind 2"OL w/Fab+33%Dig
APPLETON WAY	CUL DE SAC S. OF AVENIDA ORO	CUL DE SAC N. OF AVENIDA ORO	APPLET	130	328	33	10,824	R	AC		43	40	\$61,938	8,885	Edge Grind 2"OL w/Fab+33%Dig
CHURCH STREET	SECOND STREET WEST	ALLEY	CHURCH	203C	408	28	11,424	R	AC		46	43	\$65,371	8,783	Edge Grind 2"OL w/Fab+33%Dig

** - Treatment from Project Selection Scenarios Criteria:



City of Sonoma
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

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					
MCDONELL STREET	WEST FIRST STREET	BROADWAY	MCDONN	165	278	31	8,618	R	AC		44	41	100	\$49,315	8,840	Edge Grind 2"OL w/Fab+33%Dig		
PALOU STREET	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	PALOU	221	359	33	11,847	R	AC		50	48	100	\$67,792	8,488	Edge Grind 2"OL w/Fab+33%Dig		
TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	TOWNE	128	892	33	29,436	R	AC		50	47	100	\$168,440	8,532	Edge Grind 2"OL w/Fab+33%Dig		
YOUNT STREET	KNIGHT STREET	CUL DE SAC	YOUNT	131	266	33	8,778	R	AC		47	44	100	\$50,230	8,722	Edge Grind 2"OL w/Fab+33%Dig		
Treatment Total													\$508,973					
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC		70	68	77	\$30,777	17,024	CrackSeal+SlurrySeal Typ II		
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC		71	69	78	\$14,639	17,107	CrackSeal+SlurrySeal Typ II		
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC		61	69	79	\$4,879	17,156	CrackSeal+SlurrySeal Typ II		
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	68	77	\$5,318	18,376	CrackSeal+SlurrySeal Typ II		
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINAAV	154	328	33	10,824	R	AC		71	69	78	\$7,433	17,107	CrackSeal+SlurrySeal Typ II		
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC		70	69	78	\$16,973	22,481	CrackSeal+SlurrySeal Typ II		
Treatment Total													\$80,019					
BRAGG STREET	CLAY STREET	DEAD END NORTH OF COOPER ST	BRAGG	211	335	33	11,055	R	AC		80	78	86	\$4,429	28,259	SLURRY SEAL		
CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	CHARLE	114B	1,436	48	68,928	R	AC		75	73	82	\$27,610	29,602	SLURRY SEAL		
CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	CHURCH	203B	611	32	19,552	R	AC		80	78	86	\$7,832	28,260	SLURRY SEAL		
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC		77	75	84	\$21,802	29,340	SLURRY SEAL		
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC		76	76	85	\$1,042	29,063	SLURRY SEAL		
EVANS AVENUE	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	EVANS	185	602	33	19,866	R	AC		74	72	81	\$7,958	29,559	SLURRY SEAL		
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC		77	75	83	\$15,294	28,103	SLURRY SEAL		
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC		79	77	85	\$2,332	28,729	SLURRY SEAL		

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
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 Sonoma, CA 95475
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	93	\$10,934	29,684	SLURRY SEAL
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC		79	79	87	\$10,242	27,779	SLURRY SEAL
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC		81	79	87	\$9,716	27,681	SLURRY SEAL
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC		76	74	83	\$4,032	27,570	SLURRY SEAL
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC	187	158	34	5,372	R	AC		81	79	87	\$2,152	27,680	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	HARASZ	208	640	33	21,120	R	AC		79	77	85	\$8,460	28,733	SLURRY SEAL
HARRINGTON DRIVE	FIFTH STREET WEST	LOT # 440/ PAVE CHG	HARRIN	190	365	26	9,490	R	AC		80	78	86	\$3,802	28,258	SLURRY SEAL
HAYES STREET	ROAD WIDENS	BETTENCOURT STREET	HAYES	209B	187	33	6,171	R	AC		81	79	87	\$2,472	27,680	SLURRY SEAL
LA QUINTA LANE	FIFTH STREET WEST	BERRYESSA DRIVE	LAQUIN	212	636	33	20,988	R	AC		82	80	88	\$8,407	26,900	SLURRY SEAL
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC		79	77	85	\$2,675	28,731	SLURRY SEAL
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	80	88	\$18,963	33,117	SLURRY SEAL
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC		74	72	81	\$16,575	29,559	SLURRY SEAL
MANOR DRIVE	HIKING PATH	WEST MACARTHUR STREET	MANOR	189B	1,186	34	40,324	R	AC		79	77	85	\$16,153	28,731	SLURRY SEAL
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC		76	74	83	\$9,280	32,436	SLURRY SEAL
NEWCOMB STREET	BROADWAY	HIGH SCHOOL PARKING LOT	NEWCOM	192B	300	41	12,300	R	AC		81	79	87	\$4,927	27,678	SLURRY SEAL
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC		80	78	86	\$7,217	30,772	SLURRY SEAL
OAK LANE	EAST MACARTHUR STREET	CHASE STREET	OAK	147A	630	32	20,160	R	AC		78	76	84	\$8,076	29,112	SLURRY SEAL
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC		80	80	88	\$6,542	27,100	SLURRY SEAL
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC		82	82	89	\$11,813	36,933	SLURRY SEAL
STUDLEY STREET	SIXTH STREET WEST	FIFTH STREET WEST	STUDLE	220C1	629	37	22,273	R	AC		80	78	86	\$8,922	28,258	SLURRY SEAL
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC		80	78	86	\$7,495	30,643	SLURRY SEAL
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC		77	78	86	\$8,606	30,946	SLURRY SEAL

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

														Treatment Total		\$275,760
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC	85	83	85	\$106	263,945	SEAL CRACKS	
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC	90	88	89	\$104	325,789	SEAL CRACKS	
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC	80	78	80	\$139	264,076	SEAL CRACKS	
CONTENTO COURT DRIVE	CORDILLERAS	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC	83	81	83	\$48	267,870	SEAL CRACKS	
DENMARK STREET	254 WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC	90	88	89	\$35	222,829	SEAL CRACKS	
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC	93	89	90	\$163	281,183	SEAL CRACKS	
EAST MACARTHUR STREET	AUSTIN STREET EAST	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC	89	87	88	\$54	2,367,901	SEAL CRACKS	
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	85	83	84	\$213	698,756	SEAL CRACKS	
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC	75	73	76	\$203	243,749	SEAL CRACKS	
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC	76	74	77	\$105	248,242	SEAL CRACKS	
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC	85	83	85	\$105	263,945	SEAL CRACKS	
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC	81	79	81	\$42	266,682	SEAL CRACKS	
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC	77	76	78	\$386	415,217	SEAL CRACKS	
THIRD STREET EAST	PATTEN STREET	200 NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC	83	81	83	\$52	305,637	SEAL CRACKS	
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	86	84	85	\$122	436,856	SEAL CRACKS	
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC	76	74	77	\$208	320,824	SEAL CRACKS	
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC	83	81	83	\$119	267,867	SEAL CRACKS	
														Treatment Total		\$2,204
AUSTIN AVENUE	EAST MACARTHUR STREET	CHASE STREET	AUSTIN	162A	611	36	21,996	R	AC	26	23	100	\$251,732	4,312	RECONSTRUCT STRUCTURE (AC)	
CARILLO COURT	VERANO AVENUE	CUL DE SAC	CARILL	227	325	33	10,725	R	AC	10	6	100	\$122,742	4,312	RECONSTRUCT STRUCTURE (AC)	
FIRST STREET WEST	HOUSE #344	HIKING PATH	FIRSTW	169I	571	32	18,272	A	AC	0	0	100	\$250,936	5,447	RECONSTRUCT STRUCTURE (AC)	
FIRST STREET WEST	HIKING PATH	MOUNTAIN CEMETERY ROAD	FIRSTW	169J	1,109	31	34,379	A	AC	26	22	100	\$472,139	5,447	RECONSTRUCT STRUCTURE (AC)	
														Treatment Total		\$1,097,549

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev

Year 2021 Area Total **1,482,522** **Year 2021 Total** **\$2,718,081**

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
CORDILLERAS DRIVE	MACARTHUR STREET	AVENUE DEL ORO	CORDIL	124A	552	33	18,216	R	AC		73	69	100	\$64,418	9,847	Edge Grind 2'OL w/Fabric
DONNER AVENUE	FRANCE STREET	PATTEN STREET	DONNER	150C	608	32	19,456	R	AC		72	69	100	\$68,803	9,213	Edge Grind 2'OL w/Fabric
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC		72	69	100	\$85,214	15,607	Edge Grind 2'OL w/Fabric
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC		75	69	100	\$103,997	12,856	Edge Grind 2'OL w/Fabric
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC		71	68	100	\$122,959	9,154	Edge Grind 2'OL w/Fabric
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC		75	69	100	\$56,405	12,856	Edge Grind 2'OL w/Fabric
Treatment Total												\$481,796				
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTH	143A	603	30	18,090	A	AC/AC		54	49	100	\$106,621	13,143	3'OL w/Fab+33%Digout
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC		56	49	100	\$75,148	9,685	3'OL w/Fab+33%Digout
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECCONE	101D	652	32	20,864	C	AC		55	47	100	\$122,971	9,748	3'OL w/Fab+33%Digout
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC		54	49	100	\$141,749	13,220	3'OL w/Fab+33%Digout
Treatment Total												\$446,489				
BANCHERO STREET	BARRACHI WAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC		53	48	100	\$29,146	8,252	Edge Grind 2'OL w/Fab+33%Dig
LOVALL VALLEY ROAD	FOURTH STREET EAST	175' EAST OF WILKING WAY	LOVALL	107A	629	39	24,531	R	AC		54	49	100	\$144,583	8,161	Edge Grind 2'OL w/Fab+33%Dig
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC		52	48	100	\$23,146	8,238	Edge Grind 2'OL w/Fab+33%Dig
Treatment Total												\$196,875				
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC		72	68	77	\$17,846	22,221	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTH	173A	1,287	49	63,063	A	AC		74	69	78	\$44,603	24,163	CrackSeal+SlurrySeal Typ
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTH	173B	1,134	49	55,566	A	AC/AC		64	69	78	\$39,300	22,700	CrackSeal+SlurrySeal Typ
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC		63	69	79	\$5,042	16,656	CrackSeal+SlurrySeal Typ
MARIANO DRIVE	HOUSE #705	FIFTH STREET WEST	MARIAN	225B	955	33	31,515	R	AC		73	69	79	\$22,290	16,653	CrackSeal+SlurrySeal Typ

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Printed: 12/19/2019

Inflation: 3.00%

Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC		73	68	77	\$17,013	24,014	CrackSeal+SlurrySeal II
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC		71	68	78	\$4,574	23,076	CrackSeal+SlurrySeal II
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC		63	68	77	\$7,499	16,027	CrackSeal+SlurrySeal II
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECCONE	101C	643	32	20,576	C	AC		73	68	77	\$14,553	18,017	CrackSeal+SlurrySeal II
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC		72	68	78	\$17,507	35,115	CrackSeal+SlurrySeal II
THIRD STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	THIRDW	171B	264	37	9,768	R	AC/AC		71	68	77	\$6,909	19,651	CrackSeal+SlurrySeal II
Treatment Total													\$197,136			
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC		75	71	80	\$19,985	26,363	SLURRY SEAL
BAUDIN WAY	CASA BONNE LN	DEAD END	BAUDIN	252	186	20	3,720	R	AC		94	89	94	\$1,535	17,368	SLURRY SEAL
BROCKMAN DRIVE	DENMARK STREET	CUL DE SAC	BROCKM	137A	664	33	21,912	R	AC		90	86	92	\$9,041	18,717	SLURRY SEAL
CARSON COURT	LASUEN STREET	CUL DE SAC	CARSON	231	193	33	6,369	R	AC		84	81	88	\$2,628	25,820	SLURRY SEAL
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC		81	79	87	\$6,141	26,842	SLURRY SEAL
DAVILA COURT	EASTIN DRIVE	CUL DE SAC	DAVILA	140	317	33	10,461	R	AC		86	83	90	\$4,316	23,867	SLURRY SEAL
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC		85	83	90	\$15,192	23,639	SLURRY SEAL
EASTIN DRIVE	DENMARK STREET	FIFTH STREET EAST	EASTIN	139	1,308	33	43,164	R	AC		84	81	88	\$17,809	25,814	SLURRY SEAL
ESTE MADERA DRIVE	EAST MACARTHUR STREET	ESTE MADERA LANE	ESTEDR	134A	797	33	26,301	R	AC		90	86	92	\$10,852	18,720	SLURRY SEAL
ESTE MADERA DRIVE	ESTE MADERA LANE	END OF LOOP	ESTEDR	134B	1,044	33	34,452	R	AC		88	84	91	\$14,214	21,437	SLURRY SEAL
ESTE MADERA LANE	EAST FIFTH STREET	ESTE MADERA DRIVE	ESELN	135	232	33	7,656	R	AC		90	86	92	\$3,159	18,720	SLURRY SEAL
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC		90	85	92	\$6,068	30,453	SLURRY SEAL
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC		93	87	93	\$5,823	24,567	SLURRY SEAL
JOAQUIN DRIVE	100' SOUTH OF MITCHELL WAY	LASUEN STREET	JOAQUI	224B	546	33	18,018	R	AC		85	82	89	\$7,434	24,886	SLURRY SEAL
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC		80	78	86	\$12,715	27,347	SLURRY SEAL
LASUEN STREET	JOAQUIN DRIVE	FIFTH STREET WEST	LASUEN	235B	919	37	34,003	R	AC		82	79	86	\$14,029	27,207	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC		92	87	93	34,696	SLURRY SEAL	
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC		83	81	88	25,463	SLURRY SEAL	
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC		84	81	88	32,111	SLURRY SEAL	
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC		80	78	86	35,519	SLURRY SEAL	
MOLL COURT	END OF TANGENT	EAST DEAD END	MOLLCT	163B	150	59	8,850	R	AC		86	83	90	23,877	SLURRY SEAL	
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC		93	87	93	24,567	SLURRY SEAL	
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC		92	87	93	34,886	SLURRY SEAL	
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC		92	87	93	34,886	SLURRY SEAL	
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC		92	87	93	21,906	SLURRY SEAL	
RAY COURT	EASTIN DRIVE	CUL DE SAC	RAYCT	141	183	29	5,307	R	AC		87	83	90	22,694	SLURRY SEAL	
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN E	105C	1,247	37	46,139	R	AC/AC		77	77	85	36,510	SLURRY SEAL	
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC		92	88	94	18,895	SLURRY SEAL	
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC		90	88	94	31,365	SLURRY SEAL	
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC		91	87	93	28,681	SLURRY SEAL	
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC		87	84	91	21,437	SLURRY SEAL	
Treatment Total											\$283,331					
ANDRIEUX STREET WEST	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC		92	87	88	1,648,258	SEAL CRACKS	
AUREO COURT	AVENUE DEL ORO EAST	CUL DE SAC	AUREO	121	146	27	3,942	R	AC		94	89	89	\$20	410,548	SEAL CRACKS
AVENUE DEL ORO	FIFTH STREET EAST	CORDILLERAS DRIVE	AVENUE	120A	779	33	25,707	R	AC		94	89	89	\$125	410,548	SEAL CRACKS
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC		92	88	89	\$58	213,387	SEAL CRACKS
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC		84	81	82	\$40	259,814	SEAL CRACKS
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC		88	84	86	\$128	250,581	SEAL CRACKS
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC		94	89	89	\$40	410,516	SEAL CRACKS
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC		89	85	86	\$176	245,591	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
FIRST STREET WEST	HOUSE #20054	MALET STREET	FIRSTW	169B	354	26	9,204	R	AC		84	81	82	\$87	259,814	SEAL CRACKS
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC		90	86	87	\$120	499,317	SEAL CRACKS
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAINW	105B	655	37	24,235	R	AC/AC		88	85	86	\$117	664,575	SEAL CRACKS
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC		92	87	88	\$76	3,173,138	SEAL CRACKS
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	87	88	\$136	941,938	SEAL CRACKS
Treatment Total											\$1,163					
AUSTIN AVENUE	CHASE STREET	FRANCE STREET	AUSTIN	162B	615	36	22,140	R	AC		25	19	100	\$260,982	4,186	RECONSTRUCT STRUCTURE (AC)
DENMARK STREET	GARRY LANE	254' WEST OF FIFTH STREET EAST	DENMAR	138B	541	22	11,902	R	AC		30	24	100	\$140,299	4,186	RECONSTRUCT STRUCTURE (AC)
FOURTH STREET WEST	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	FOURTW	172F	516	25	12,900	R	AC		4	0	100	\$152,063	4,186	RECONSTRUCT STRUCTURE (AC)
FOURTH STREET WEST	DEAD END SOUTH OF LINDA DRIVE	DEAD END NORTH OF HARASZTHY DR	FOURTW	172G	428	33	14,124	R	AC		7	0	100	\$166,491	4,186	RECONSTRUCT STRUCTURE (AC)
FRYER CREEK DRIVE	CLAY STREET	HIKING PATH	FRYERC	195B	648	37	23,976	R	AC		1	0	100	\$282,624	4,186	RECONSTRUCT STRUCTURE (AC)
HARRINGTON DRIVE	LOT #440/ PAVE CHG	MANOR DRIVE	HARRIN	191	544	17	9,248	R	AC		3	0	100	\$109,014	4,186	RECONSTRUCT STRUCTURE (AC)
Treatment Total											\$1,111,473					
Year 2022 Area Total											1,548,932					

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC		58	47	100	\$131,322	9,483	3'OL w/Fab+33%Digout
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC		59	48	100	\$171,631	9,422	3'OL w/Fab+33%Digout
Treatment Total											\$302,953					
JUNIPERO SERRA DRIVE	FANO LANE	VERANO AVENUE	JUNIPE	223D	702	37	25,974	R	AC/AC		55	49	100	\$157,681	7,838	Edge Grind 2'OL w/Fab+33%Dig
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC		65	69	78	\$14,689	18,386	CrackSeal+SlurrySeal II
Treatment Total											\$157,681					

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
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Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Rating	Treatment
												PCI Before	PCI After		
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC		63	68	77	20,830	CrackSeal+SlurrySeal Typ II
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC		64	69	78	16,075	CrackSeal+SlurrySeal Typ II
Treatment Total													\$46,917		
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC		77	74	83	27,803	SLURRY SEAL
BETTENCOURT STREET	FIFTH STREET WEST	FOURTH STREET BETTEN WEST	179A		611	32	19,552	R	AC/AC		94	88	93	16,244	SLURRY SEAL
BETTENCOURT STREET	THIRD STREET WEST	SECOND STREET WEST	179C		643	34	21,862	R	AC/AC		92	86	92	19,132	SLURRY SEAL
CASA BONNE LANE	4TH ST WEST	BAUDIN WAY	CASABO	251	336	20	6,720	R	AC		94	87	93	22,856	SLURRY SEAL
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET CHURCH WEST	203A		631	32	20,192	R	AC/AC		94	88	93	18,613	SLURRY SEAL
CURTIN LANE	SEVENTH STREET WEST	HOUSE #601	CURTIN	218A	351	33	11,583	R	AC/AC		94	88	93	20,469	SLURRY SEAL
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC		94	88	93	18,613	SLURRY SEAL
DONNER AVENUE	MACARTHUR LANE	EAST MACARTHUR AVENUE	DONNER	150	250	26	6,500	R	AC		94	87	93	16,426	SLURRY SEAL
ESTE MADERA COURT	ESTE MADERA DRIVE	CUL DE SAC	ESTECT	136	302	27	8,154	R	AC		94	87	93	16,432	SLURRY SEAL
ESTE MADERA DRIVE	ESTE MADERA DRIVE	CUL DE SAC	ESTEDR	134C	396	33	13,068	R	AC		94	87	93	16,442	SLURRY SEAL
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC		86	81	88	31,178	SLURRY SEAL
FOURTH STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	FOURTW	172C	265	37	9,805	R	AC		94	87	93	16,416	SLURRY SEAL
HAYES STREET	BEG. OF PAVEMENT	ROAD WIDENS	HAYES	209A	294	16	4,704	R	AC		93	86	93	17,222	SLURRY SEAL
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC		94	87	93	16,429	SLURRY SEAL
JUNIPERO SERRA DRIVE	VASQUEZ COURT	FANO LANE	JUNIPE	223C	379	37	14,023	R	AC/AC		92	87	93	18,112	SLURRY SEAL
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC		77	74	83	27,803	SLURRY SEAL
LOVALL VALLEY ROAD	175' EAST OF WILKING WAY	E. OF GEHRICKE	LOVALL	107B	1,253	25	31,325	R	AC		94	87	93	16,432	SLURRY SEAL
LYON LANE	SONOMA HWY	PALOU ST	LYONLA	254	290	30	8,700	R	AC		93	86	93	21,295	SLURRY SEAL
MACARTHUR LANE	SECOND STREET EAST	CUL DE SAC	MACARL	249	518	29	15,022	R	AC		91	85	91	19,760	SLURRY SEAL
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC		94	88	93	18,606	SLURRY SEAL
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC		77	74	83	27,803	SLURRY SEAL

** - Treatment from Project Selection Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment	
											Current PCI	PCI After				
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	930	37	34,410	R	AC/AC		94	88	93	\$14,623	18,630	SLURRY SEAL
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC		80	77	85	\$8,779	27,234	SLURRY SEAL
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC		81	78	86	\$16,113	26,886	SLURRY SEAL
SAN LORENZO COURT	EAST NAPA ST	CUL-DE-SAC	SANLOR	255	700	30	21,000	R	AC		94	87	93	\$8,924	20,484	SLURRY SEAL
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC		94	88	93	\$3,758	18,630	SLURRY SEAL
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC		93	87	93	\$4,733	19,625	SLURRY SEAL
SEVENTH STREET WEST	STUDLEY STREET	WEST NAPA STREET	SEVENW	175C	319	37	11,803	R	AC/AC		94	88	93	\$5,016	20,469	SLURRY SEAL
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC		92	87	93	\$4,828	20,422	SLURRY SEAL
WEST SPAIN STREET WEST	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC		94	88	93	\$10,504	31,972	SLURRY SEAL
THIRD STREET WEST	ARROYO WAY	BETTENCOURT STREET	THIRDW	171A	390	34	13,260	R	AC/AC		94	88	93	\$5,635	20,471	SLURRY SEAL
VIRGINIA COURT	CHASE STREET	CUL DE SAC	VIRGIN	144	436	33	14,388	R	AC		94	87	93	\$6,115	16,432	SLURRY SEAL
Treatment Total													\$208,668			
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC		67	71	73	\$361	330,897	SEAL CRACKS
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC		65	86	87	\$40	591,785	SEAL CRACKS
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC		64	86	87	\$104	591,785	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC		79	81	83	\$170	444,598	SEAL CRACKS
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC		63	86	87	\$63	591,785	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC		92	87	88	\$23	619,697	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTH	143C	1,247	37	46,139	A	AC/AC		78	83	84	\$316	926,685	SEAL CRACKS
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTH	173A2	175	49	8,575	A	AC		83	83	84	\$72	373,939	SEAL CRACKS
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTH	173D	619	37	22,903	A	AC/AC		81	83	84	\$160	550,561	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC		66	71	73	\$611	440,230	SEAL CRACKS
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTH	173F	531	37	19,647	A	AC/AC		73	78	80	\$225	591,466	SEAL CRACKS

** - Treatment from Project Selection
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City of Sonoma
 Number 1 The Plaza
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Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

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			
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC		80	81	83	\$370	286,483	SEAL CRACKS
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC		65	86	87	\$114	591,785	SEAL CRACKS
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC		68	86	87	\$109	850,296	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC		78	80	82	\$42	559,978	SEAL CRACKS
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC		87	88	89	\$162	594,182	SEAL CRACKS
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC		63	86	87	\$73	591,785	SEAL CRACKS
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC		81	81	83	\$288	370,628	SEAL CRACKS
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC		78	79	81	\$281	365,975	SEAL CRACKS
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC		77	82	84	\$171	725,522	SEAL CRACKS
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC		68	73	75	\$486	417,060	SEAL CRACKS
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC		76	77	79	\$587	359,654	SEAL CRACKS
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC		62	86	87	\$77	850,296	SEAL CRACKS
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC		81	83	84	\$156	482,552	SEAL CRACKS
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC		67	86	87	\$173	591,785	SEAL CRACKS
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECONE	101B	660	32	21,120	C	AC		60	86	87	\$66	591,785	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC		85	86	87	\$60	557,466	SEAL CRACKS
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	80	82	\$237	948,308	SEAL CRACKS
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC		93	87	88	\$15	790,745	SEAL CRACKS
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	77	79	\$388	319,617	SEAL CRACKS
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	78	80	\$623	360,618	SEAL CRACKS
Treatment Total													\$6,623			
FRYER CREEK DRIVE	HIKING PATH	NEWCOMB STREET	FRYERC	195C	665	37	24,605	R	AC		3	0	100	\$298,740	4,064	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection
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Interest: 3.00%

Printed: 12/19/2019

Inflation: 3.00%

Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
MANOR DRIVE	HARRINGTON DRIVE	HIKING PATH	MANOR	189A	513	33	16,929	R	AC		19	9	\$205,542	4,064	RECONSTRUCT STRUCTURE (AC)
MAPLE STREET	FIRST STREET WEST	BROADWAY	MAPLE	166	266	28	7,448	R	AC		11	0	\$90,430	4,064	RECONSTRUCT STRUCTURE (AC)
NASH STREET	CLAY STREET	PICKETT STREET	NASHST	198	481	33	15,873	R	AC		10	0	\$192,721	4,064	RECONSTRUCT STRUCTURE (AC)
NEWCOMB STREET	DEAD END WEST OF FRYER CREEK	BROADWAY	NEWCOM	192A	1,521	28	42,588	R	AC		9	0	\$517,079	4,064	RECONSTRUCT STRUCTURE (AC)
NORRBOMM ROAD	MOUNTAIN CEMETERY ROAD	2500 N. OF MTN. CEMETERY ROAD	NORRBO	210	2,500	20	50,000	R	AC/AC		10	0	\$607,071	4,064	RECONSTRUCT STRUCTURE (AC)
VISCHER COURT	FRANCE STREET	CUL DE SAC	VISCHE	148	218	32	6,976	R	AC		21	11	\$84,699	4,064	RECONSTRUCT STRUCTURE (AC)
Treatment Total													\$1,996,282		
Year 2023 Area Total													\$2,719,124		

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC		58	47	\$585,065	12,587	3'OL w/Fab+33%Digout
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC		60	49	\$208,914	12,405	3'OL w/Fab+33%Digout
Treatment Total													\$793,979		
HUDSON COURT	FRANCE STREET	CUL DE SAC	HUDSON	145	371	33	12,243	R	AC		58	49	\$76,554	7,694	Edge Grind 2'OL w/Fab+33%Dig
LAS CASITAS COURT	EAST SPAIN STREET	CUL DE SAC	LASCAS	104	479	33	15,807	R	AC		58	49	\$98,839	7,695	Edge Grind 2'OL w/Fab+33%Dig
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC		58	49	\$74,409	7,695	Edge Grind 2'OL w/Fab+33%Dig
Treatment Total													\$249,802		
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST		79	68	\$7,288	13,171	CrackSeal+SlurrySeal Typ
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC		65	68	\$5,058	15,567	CrackSeal+SlurrySeal Typ
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC		65	68	\$3,492	15,566	CrackSeal+SlurrySeal Typ
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC		65	68	\$3,485	15,566	CrackSeal+SlurrySeal Typ
Treatment Total													\$19,323		

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												PCI Before	PCI After			
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC		74	70	79	\$8,586	29,135	SLURRY SEAL
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC		90	83	90	\$8,796	30,003	SLURRY SEAL
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC		74	70	79	\$11,381	26,939	SLURRY SEAL
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC		83	81	89	\$5,319	43,815	SLURRY SEAL
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC		83	78	86	\$4,290	26,027	SLURRY SEAL
FOURTH STREET WEST	MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC		81	77	85	\$5,090	28,696	SLURRY SEAL
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC		81	77	85	\$9,782	28,699	SLURRY SEAL
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC		96	88	94	\$11,475	25,773	SLURRY SEAL
FRANCE STREET	OAK LANE	FOURTH STREET EAST	FRANCE	151C	491	35	17,185	C	AC		96	88	93	\$7,522	26,014	SLURRY SEAL
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC		89	84	91	\$16,001	30,383	SLURRY SEAL
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC		96	88	94	\$7,820	31,768	SLURRY SEAL
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC		81	81	89	\$10,560	77,932	SLURRY SEAL
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC		81	78	86	\$14,511	33,712	SLURRY SEAL
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC		83	77	85	\$23,564	38,852	SLURRY SEAL
Treatment Total													\$144,697			
ARMSTRONG DRIVE	CHARLES VAN DAMME WAY	EAST NAPA STREET	ARMSTR	113	421	46	19,366	R	AC		63	87	88	\$45	612,378	SEAL CRACKS
AUSTIN AVENUE	FRANCE STREET	PATTEN STREET	AUSTIN	162C	604	33	19,932	R	AC		66	87	88	\$46	612,378	SEAL CRACKS
AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693	AVENUE	120B	801	33	26,433	R	AC		69	87	88	\$61	612,378	SEAL CRACKS
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC		63	87	88	\$83	612,378	SEAL CRACKS
CLAUDIA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	CLAUDI	206	641	31	19,871	R	AC		60	87	88	\$46	612,378	SEAL CRACKS
COOPER STREET	PICKETT DRIVE	BRAGG STREET	COOPER	199	589	33	19,437	R	AC		69	87	88	\$45	612,378	SEAL CRACKS
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC		69	72	74	\$371	215,027	SEAL CRACKS
DONNER AVENUE	EAST MACARTHUR AVENUE	CHASE STREET	DONNER	150A	626	32	20,032	R	AC/AC		64	87	88	\$46	612,378	SEAL CRACKS

** - Treatment from Project Selection
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												PCI Before	PCI After			
FANO LANE	ROBINSON ROAD	JUNIPERO SERRA STREET	FANOLN	237A	454	33	14,982	R	AC/AC		61	87	88	\$35	612,378	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC		93	83	84	\$315	364,303	SEAL CRACKS
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC		81	85	86	\$104	677,642	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC		71	86	87	\$87	825,530	SEAL CRACKS
FINE AVENUE	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	FINEAV	153	606	33	19,998	R	AC		66	87	88	\$46	612,378	SEAL CRACKS
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC		70	86	87	\$86	574,548	SEAL CRACKS
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC		68	71	73	\$176	209,607	SEAL CRACKS
FIRST STREET WEST	HOUSE #344	HIKING PATH	FIRSTW	169I	571	32	18,272	A	AC		0	86	87	\$120	332,102	SEAL CRACKS
FIRST STREET WEST	HIKING PATH	MOUNTAIN CEMETERY ROAD	FIRSTW	169J	1,109	31	34,379	A	AC		26	86	87	\$225	332,102	SEAL CRACKS
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC		63	87	88	\$46	612,378	SEAL CRACKS
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC		89	87	88	\$165	295,679	SEAL CRACKS
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC		66	87	88	\$13	612,378	SEAL CRACKS
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC		68	87	88	\$21	612,378	SEAL CRACKS
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC		79	83	84	\$151	487,742	SEAL CRACKS
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC		76	80	82	\$203	335,999	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC		82	84	85	\$35	414,534	SEAL CRACKS
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC		68	71	73	\$735	209,552	SEAL CRACKS
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC		65	87	88	\$28	612,378	SEAL CRACKS
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIP	217	173	27	4,671	R	AC		77	79	81	\$51	333,739	SEAL CRACKS
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC		66	87	88	\$68	612,378	SEAL CRACKS
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC		68	87	88	\$39	612,378	SEAL CRACKS
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC		68	71	73	\$312	209,552	SEAL CRACKS

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Scenario: PTAP-20 - Scenario 5 - Budget Needs Average Rev
 Printed: 12/19/2019

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment		Cost	Rating	Treatment
											Current PCI	PCI After			
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC		83	82	\$430	287,793	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC		85	80	\$319	520,856	SEAL CRACKS
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC		68	71	\$105	209,552	SEAL CRACKS
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC		68	71	\$160	209,552	SEAL CRACKS
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC		62	87	\$14	612,378	SEAL CRACKS
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC		62	87	\$19	612,378	SEAL CRACKS
NEIL COURT	BEASLEY WAY	CUL DE SAC	NEILCT	133	208	33	6,864	R	AC		60	87	\$16	612,378	SEAL CRACKS
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC		67	87	\$47	612,378	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC		70	71	\$124	283,139	SEAL CRACKS
PEARCE DRIVE	ENGLER STREET	DEAD END	PEARCE	244	750	26	19,500	R	AC		75	79	\$216	319,942	SEAL CRACKS
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC		65	70	\$155	327,503	SEAL CRACKS
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC		60	87	\$44	612,378	SEAL CRACKS
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC		81	85	\$24	545,623	SEAL CRACKS
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC		63	87	\$10	612,378	SEAL CRACKS
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC		66	71	\$307	303,899	SEAL CRACKS
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC		61	87	\$60	612,378	SEAL CRACKS
SECOND STREET EAST	EAST MACARTHUR	CHASE STREET	SECONE	101A	628	32	20,096	C	AC		50	86	\$65	574,548	SEAL CRACKS
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC		78	83	\$67	492,315	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC		82	84	\$229	491,794	SEAL CRACKS
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAINA	105A	624	60	37,440	R	AC/AC		75	79	\$417	387,306	SEAL CRACKS
STUDLEY STREET	OREGON ST	300' W OF 7TH ST W AT #790	STUDLE	220A1	600	37	22,200	R	AC		63	87	\$51	612,378	SEAL CRACKS
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC		86	80	\$218	329,128	SEAL CRACKS
Treatment Total													\$6,901		

** - Treatment from Project Selection
 Scenarios Criteria:



City of Sonoma
 Number 1 The Plaza
 Sonoma, CA 95475
 (707) 938-3332

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 12/19/2019
 Scenario: PTAP-20 - Scenario 5 - Budget Needs
 Average Rev

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment			Rating	Treatment
											Current PCI	PCI Before	PCI After		
OREGON STREET	STUDLEY STREET	200' WEST OF SEVENTH STREET WEST	OREGON	219A	1,222	37	45,214	R	AC/AC		29	19	100	3,946	RECONSTRUCT STRUCTURE (AC)
OREGON STREET	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	OREGON	219C	478	33	15,774	R	AC		9	0	100	3,946	RECONSTRUCT STRUCTURE (AC)
PICKETT STREET	CLAY STREET	FRYER CREEK DRIVE	PICKET	197	862	33	28,446	R	AC		1	0	100	3,946	RECONSTRUCT STRUCTURE (AC)
SEVENTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SEVENW	175D	663	37	24,531	R	AC		23	10	100	3,946	RECONSTRUCT STRUCTURE (AC)

Treatment Total	\$1,425,209
Year 2024 Area Total	1,655,075
Total Section Area:	8,623,551
Year 2024 Total	\$2,639,911
Grand Total	\$13,514,292

Appendix J – PCI Maps



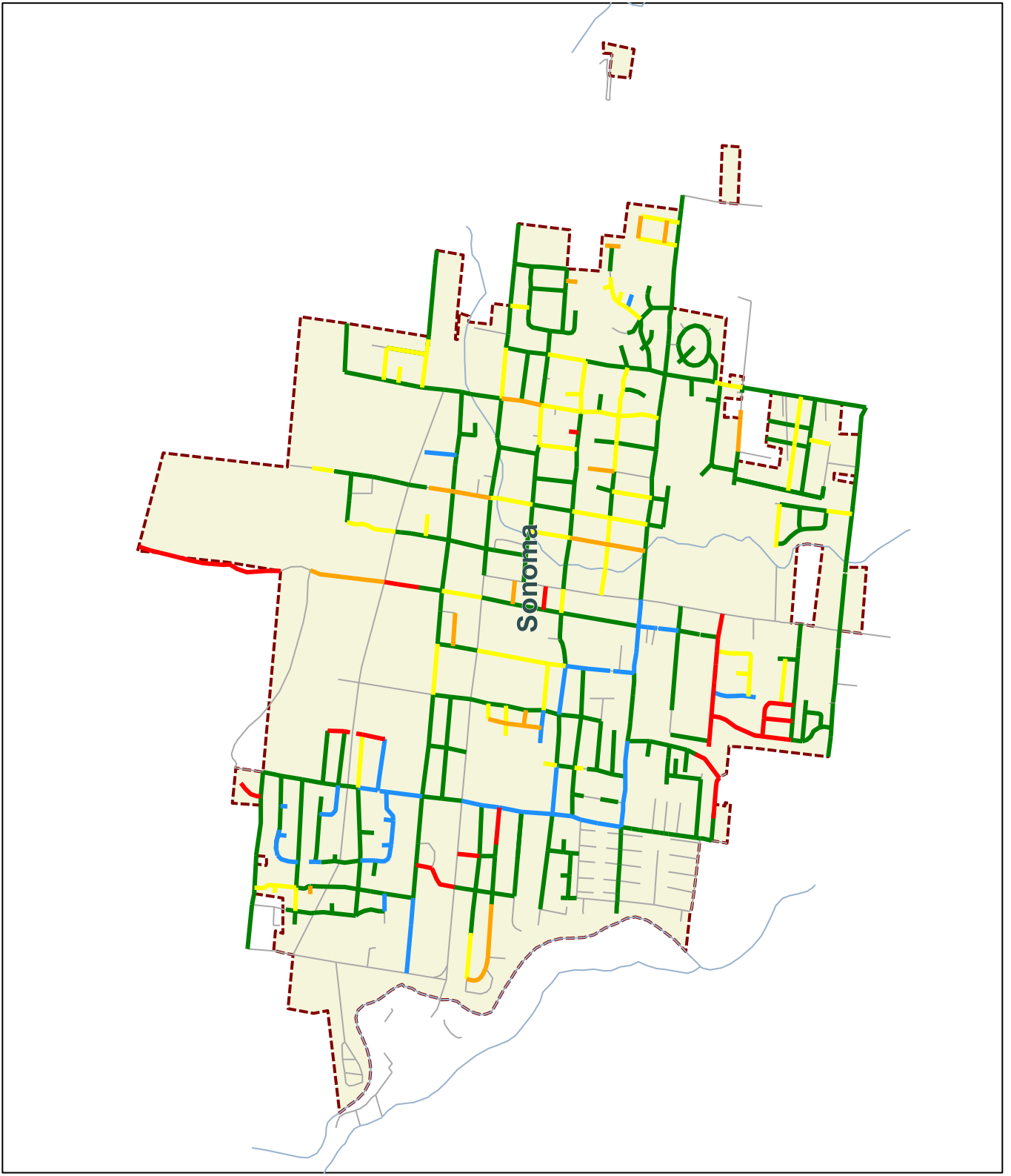
City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Current PCI Condition

Printed: 12/19/2019

Feature Legend

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





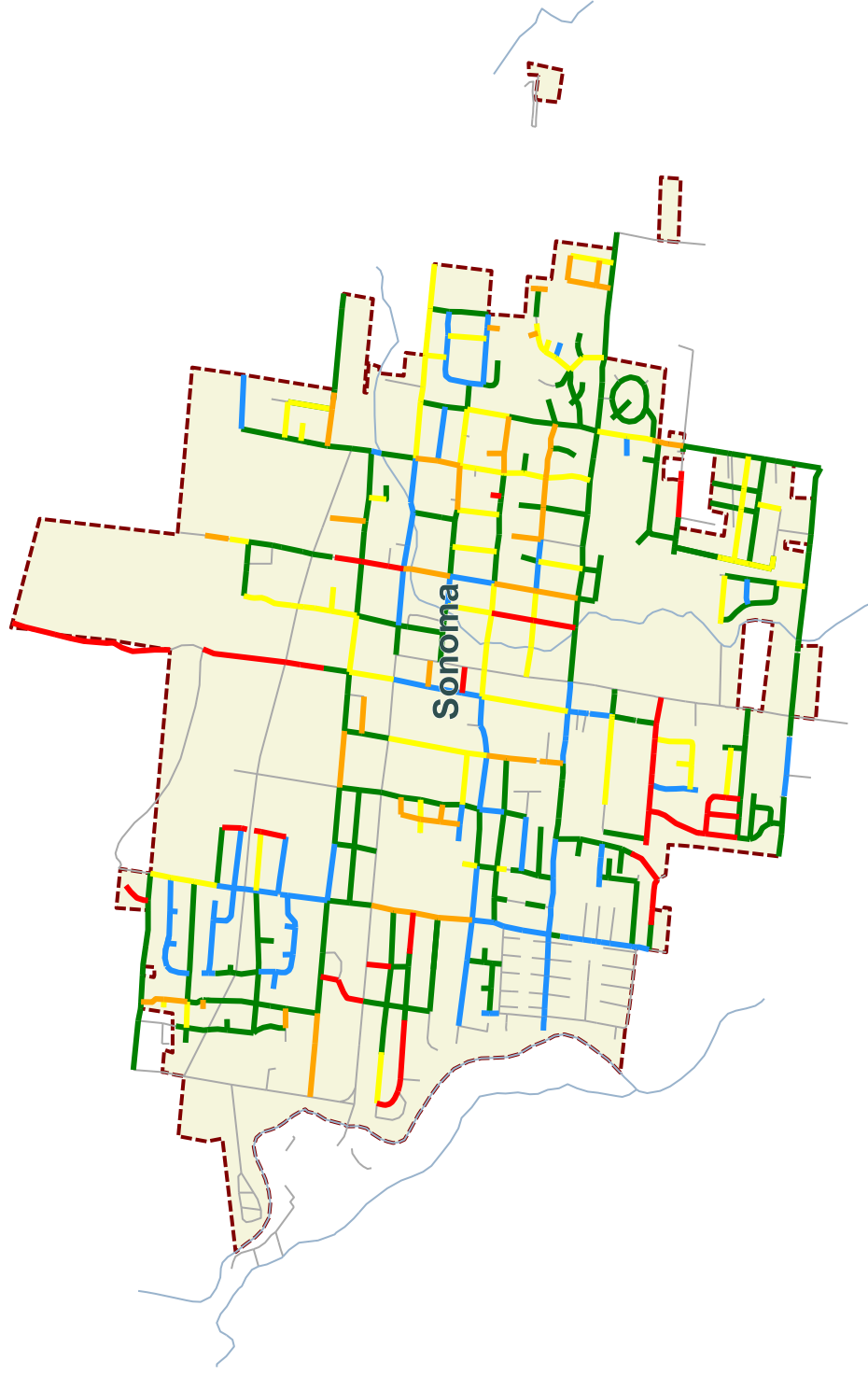
City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Scenario PCI Condition

PTAP-20 - Scenario 1 No Funds - 2024 Project Period - Total Rehab: \$0 - Printed: 12/19/2019

Feature Legend

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

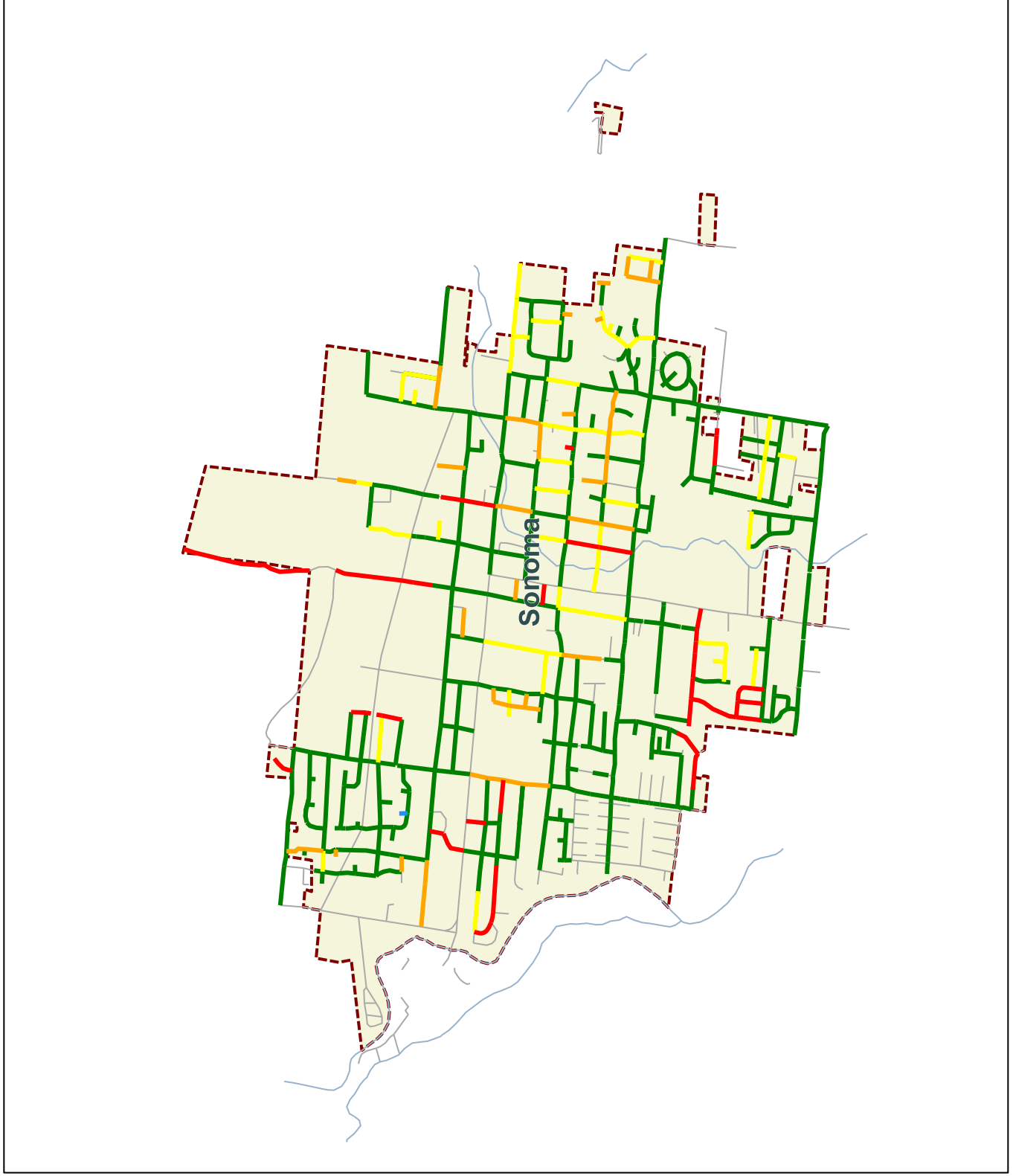




City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Scenario PCI Condition

PTAP-20 - Scenario 2 Expected Annual Budget - 2024 Project Period - Total Rehab: \$365,767 - Printed: 12/19/2019



Feature Legend

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





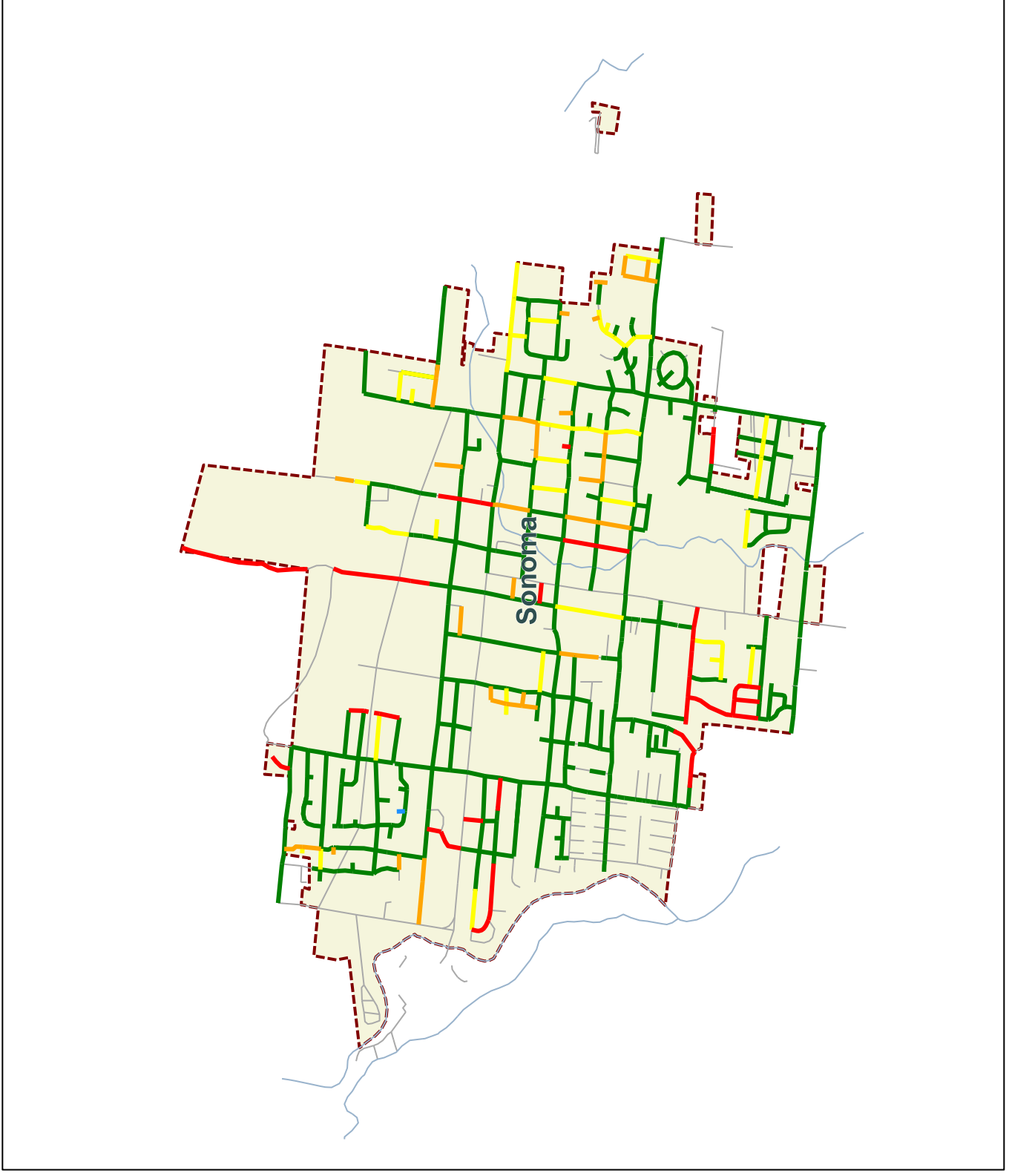
City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Scenario PCI Condition

PTAP-20 - Scenario 3 Maintain PCI - 2024 Project Period - Total Rehab: \$740,239 - Printed: 12/19/2019

Feature Legend

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





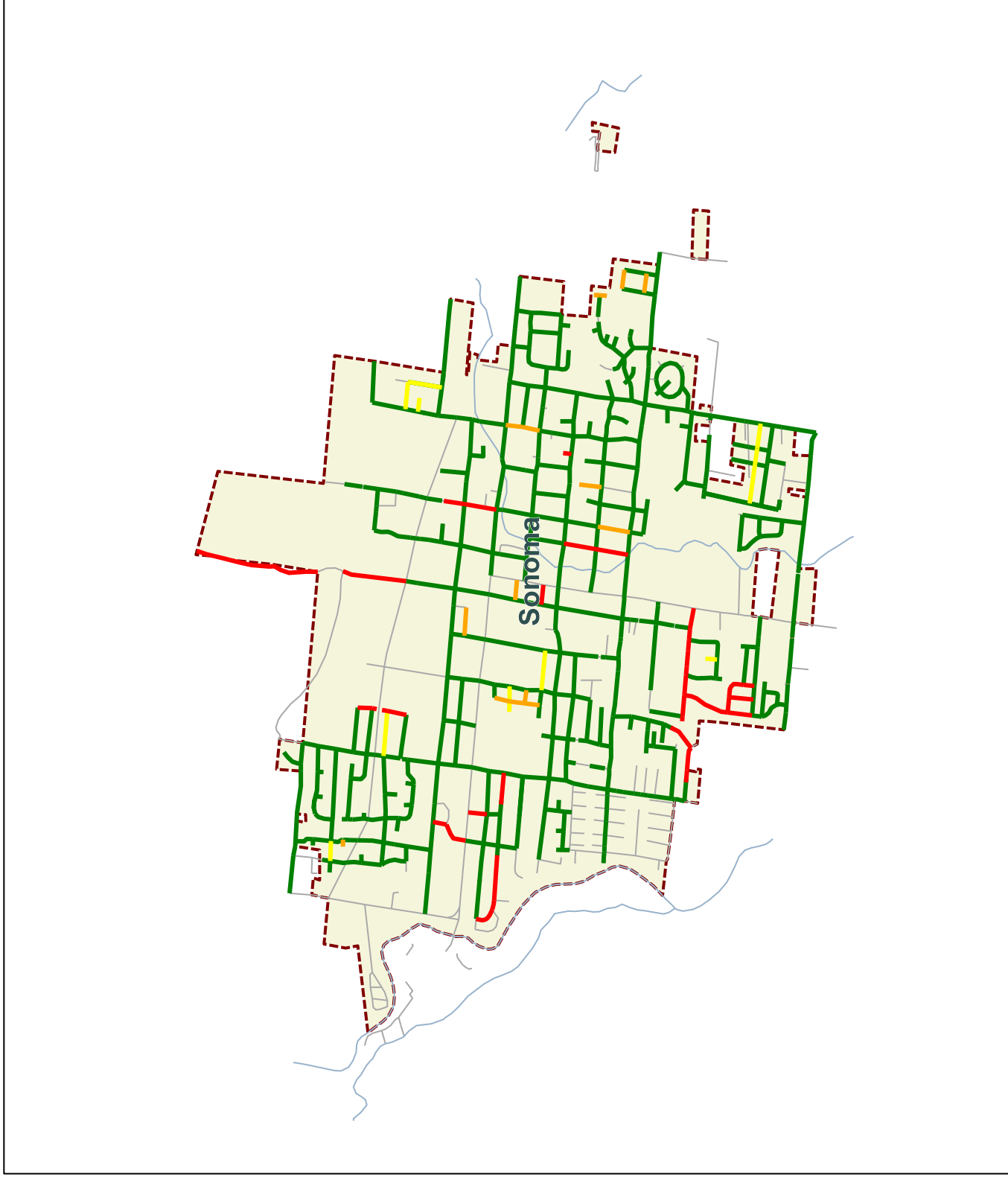
City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Scenario PCI Condition

PTAP-20 - Scenario 4 Improve PCI by 5 - 2024 Project Period - Total Rehab: \$1,801,951 - Printed: 12/19/2019

Feature Legend

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

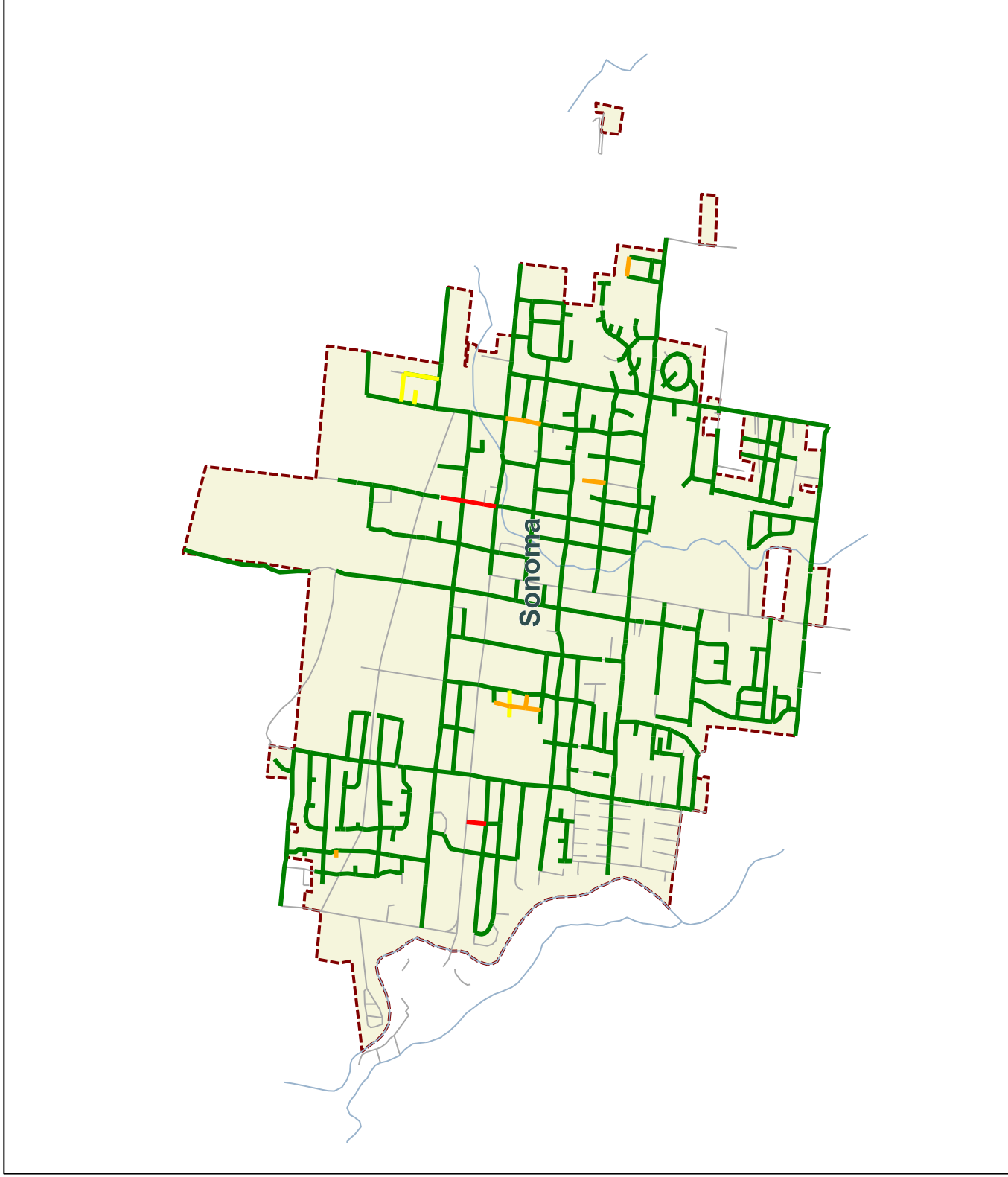




City of Sonoma
Number 1 The Plaza
Sonoma, CA 95475
(707) 938-3332

Scenario PCI Condition

PTAP-20 - Scenario 5 - Budget Needs Average Rev - 2024 Project Period - Total Rehab: \$2,488,313 - Printed: 12/19/2019



Feature Legend

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

