



# MTC P-TAP Round 18

## Final Report for City of Sonoma, California

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

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## Executive Summary

Fugro Roadware, Inc. (Fugro) is pleased to provide this Final Report to the City of Sonoma (City) as part of its activities under a contract with the Metropolitan Transportation Commission (MTC) of the San Francisco Bay Area for their Pavement Management Technical Assistant Program (P-TAP), Round 18. This Final Report provides information with regards to the collected pavement distress data quality management, 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).

Fugro performed pavement condition distress surveys for the City's entire network in October of 2017. The overall network PCI before inspection was 71 and after inspection was 74. 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.

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. The results have been incorporated into this Final Report.

## Background

In October 2017, 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 33.79 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	Centerline Miles	Lane Miles	% of the Entire Network (by Pavement Area)
Arterial	34	5.13	10.81	18%
Collector	48	6.51	13.02	20%
Residential	218	22.15	44.36	63%
Total	300	33.79	68.18	100%

The City uses a software called StreetSaver ([www.streetsaveronline.com](http://www.streetsaveronline.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.

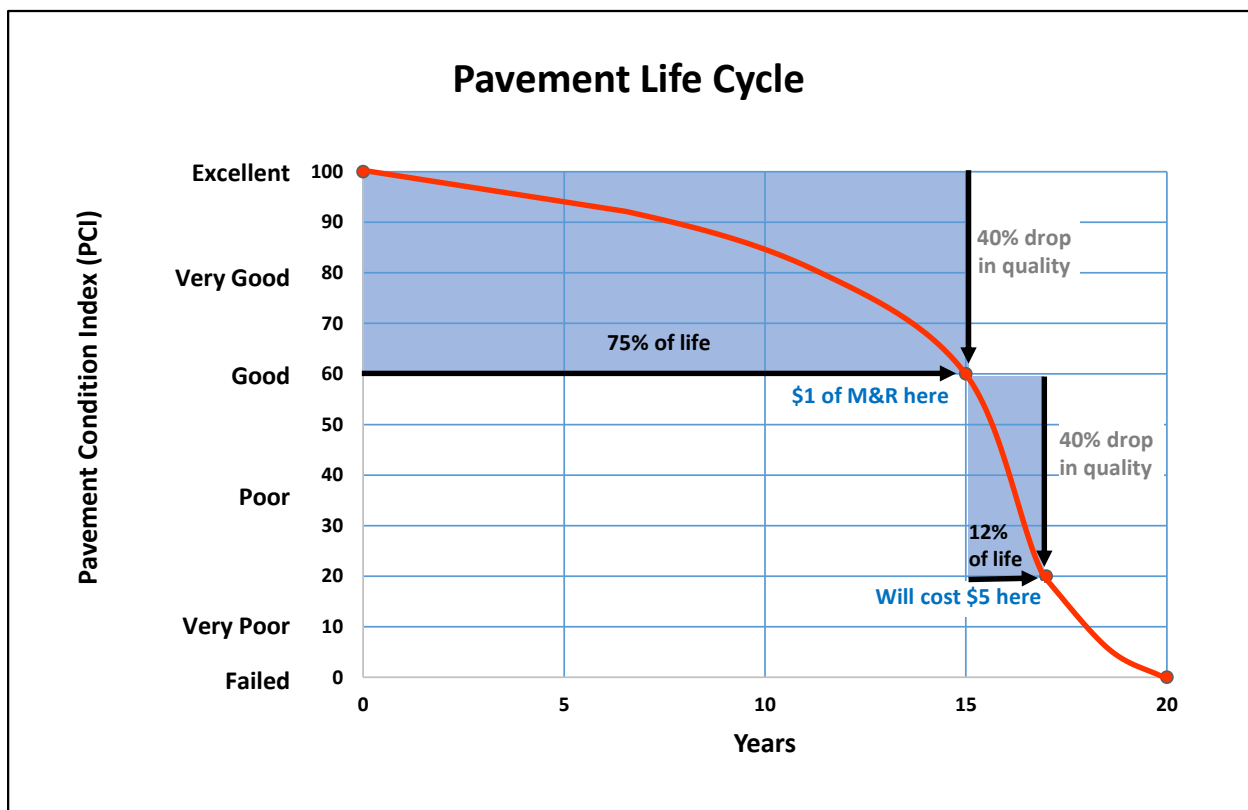


Figure 1. Effect of Treatment Timing on Costs.

## Network Level Analysis

This Final Report examines the overall PCI condition of the entire network and provides recommendations for 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.

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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.

## Quality Management

Prior to any distress surveys, Fugro developed a Quality Management Report (QMR) which detailed all quality assurance/quality control (QA/QC) steps taken by Fugro to ensure high quality pavement distress data for analysis and reporting. The following areas were discussed in the QMR: 1) Protocols, Quality Standards, and Deliverables, 2) Quality Control (QC), 3) Acceptance, 4) Quality Plan Results, and 5) Acceptance of Quality Management Report. Appendix A of this report contains a copy of the City's approved QMR.

## 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 \$10 million.

### Historical Network PCI

Figure 2 shows the overall network PCI between 2008 and 2017. 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 2008 to 2017. In addition, the Sonoma County average PCI is also shown.

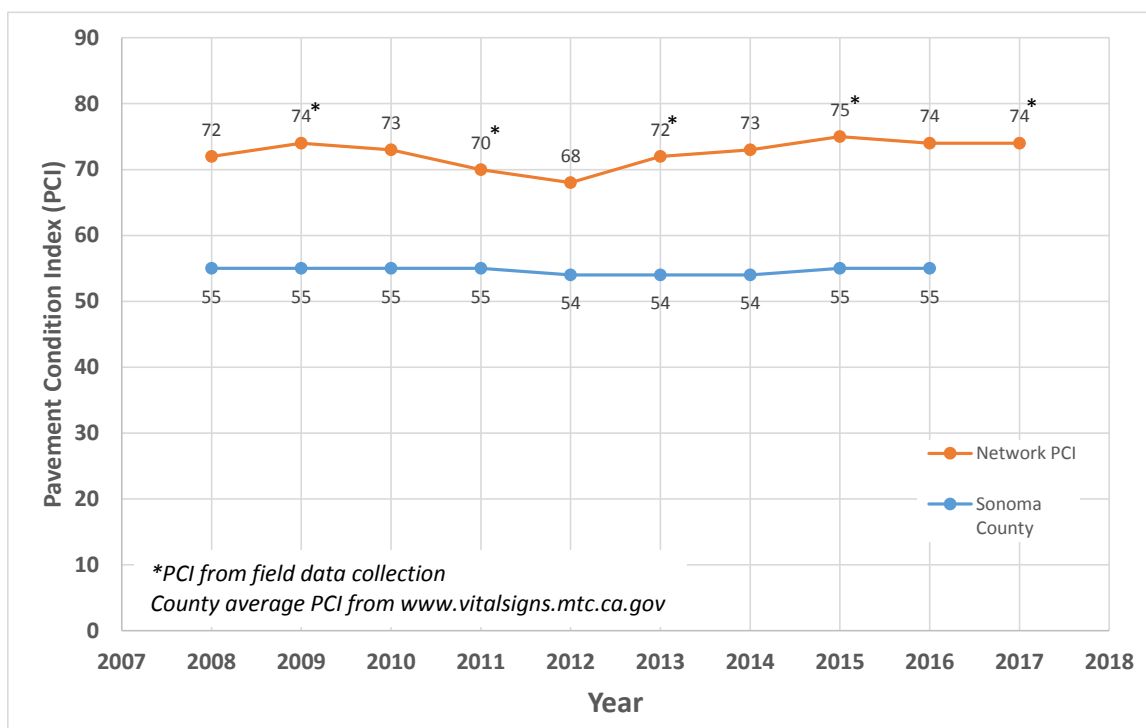


Figure 2. Historical Network PCI from 2008 to 2017.

Per M&R history in StreetSaver, the City has applied the following treatments:

- 2009 – 3” AC overlay with fabric and 25% dig outs to 5 sections.
- 2010 – 2.5” AC overlay with fabric and 25% dig outs to 2 sections.
- 2011 – Thin AC overlay to 16 sections.
- 2012 – Mill and AC overlay to 1 section, AC overlay to 1 section.
- 2013 – Slurry and crack seal to 32 sections.
- 2014 – Slurry and crack seal to 32 sections, 2” AC overlay plus dig outs to 13 sections.

- 2015 – Slurry and crack seal to 23 sections, 2" AC overlay plus dig outs to 4 sections.
- 2016 – Slurry and crack seal to 18 sections, AC reconstruction to 2 sections.
- 2017 – Slurry seal to 18 sections.

## Current Overall Network PCI

The overall network PCI is 74 as of October 14, 2017. 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.

<b>Very Good [I]</b>		<b>100</b> <b>90 (PCI Cap)*</b>
		<b>70</b>
<b>Good [II]</b> <b>(non-load)</b>	<b>Good [III]</b> <b>(load-related)</b>	<b>50</b>
<b>Poor [IV]</b>		<b>25</b>
<b>Very Poor [V]</b>		<b>0</b>
<b>Pavement Condition</b> <b>[Condition Category]</b>		<b>PCI</b>

*\*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.

Table 2. PCI per Functional Class.

Functional Class	Sections	Centerline Miles	PCI <sup>[*]</sup>	Pavement Condition
Arterial	34	5.13	77	Very Good
Collector	48	6.51	79	Very Good
Residential	218	22.15	72	Very Good
<b>Total</b>	<b>300</b>	<b>33.79</b>	<b>74</b>	<b>Very Good</b>

<sup>[\*]</sup> As of 10/14/2017.

Figure 4 shows the centerline miles by pavement condition. Around 71% of the centerline miles are "Excellent" or "Very Good" pavement condition categories (between PCI 100-70), 17% 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).

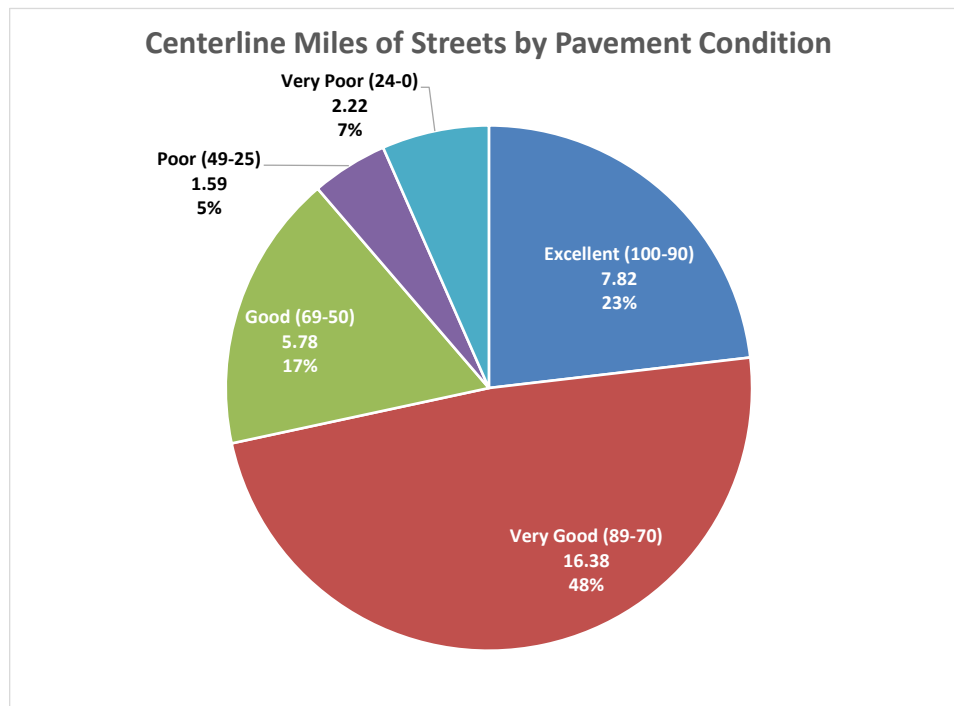


Figure 4. Centerline Miles of Streets by Pavement Condition.

## 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. Sonoma 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 Type II, Edge Grind 2” AC overlay with fabric
Poor	49-25	3” AC overlay with fabric and 25% Dig outs
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
	2018	2019	2020	2021	2022	
<b>PCI Treated</b>	87	87	86	85	85	-
<b>PCI Untreated</b>	73	71	69	67	65	-
<b>Preventive Cost</b>	\$1,225,702	\$366,406	\$519,359	\$464,208	\$445,925	\$3,021,600
<b>Rehab Cost</b>	\$6,031,483	\$1,713,269	\$373,122	\$495,070	\$126,044	\$8,738,988
<b>Total Cost</b>	\$7,257,185	\$2,079,675	\$892,481	\$959,278	\$571,969	\$11,760,588

If the City followed the maintenance and rehabilitation strategies recommended by the program and had unconstrained funding, the average network PCI increase to 85 by the end of year 2022. If, however, no maintenance or rehabilitation occurred in the next five years, the average network PCI would deteriorate to 65 by the end of year 2022.

With respect to the unconstrained funding, \$11.8 million in maintenance and rehabilitation was needed. Approximately \$3.0 million (26%) was allocated to preventive maintenance treatments while the majority of the funding, \$8.8 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. 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 as much as possible. 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 2022 the deferred maintenance increases from \$7.3 million to \$11.4 million and the overall PCI will decrease to 65 as shown in Figure 5. All detailed reports are provided in Appendix E.

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## Scenario 2: Expected Annual Budget

The City has indicated that the expected budget will be \$500k for each year (25% is preventive maintenance) for a total of \$2.5 million over five years. The result shows that by 2022 the deferred maintenance increase from \$6.8 million to \$9.6 million and the overall PCI will decrease to 70 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 74 (as of 10/14/2017) over the next five years. A total of \$4.6 million will be required; of which 75% will be allocated to rehabilitation treatments. The deferred maintenance will be \$7.8 million in 2022 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 79 over five years. A total of \$8.1 million is required and the deferred maintenance will be \$4.1 million in 2022 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 to \$461k by 2022 and the PCI will increase to 85 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 2022 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.

For Scenario 1 – No Funds, the “Very Poor” pavement condition would increase 2% by 2022. For Scenario 2 – Expected Annual Budget, the “Poor” and “Very Poor” pavement conditions would decrease by approximately 0.2% and increase approximately 2%, respectively. For Scenario 3 – Maintain PCI, the “Poor” and “Very Poor” pavement conditions would decrease by approximately 2% and increase approximately 2%, respectively. For Scenario 4 – Improve PCI by 5, the “Poor” and “Very Poor” pavement conditions would decrease by approximately 4% and 0.6%, respectively. For Scenario 5 – Budget Needs Average, the “Poor” and “Very Poor” pavement conditions would decrease by approximately 4% and 5%, respectively.

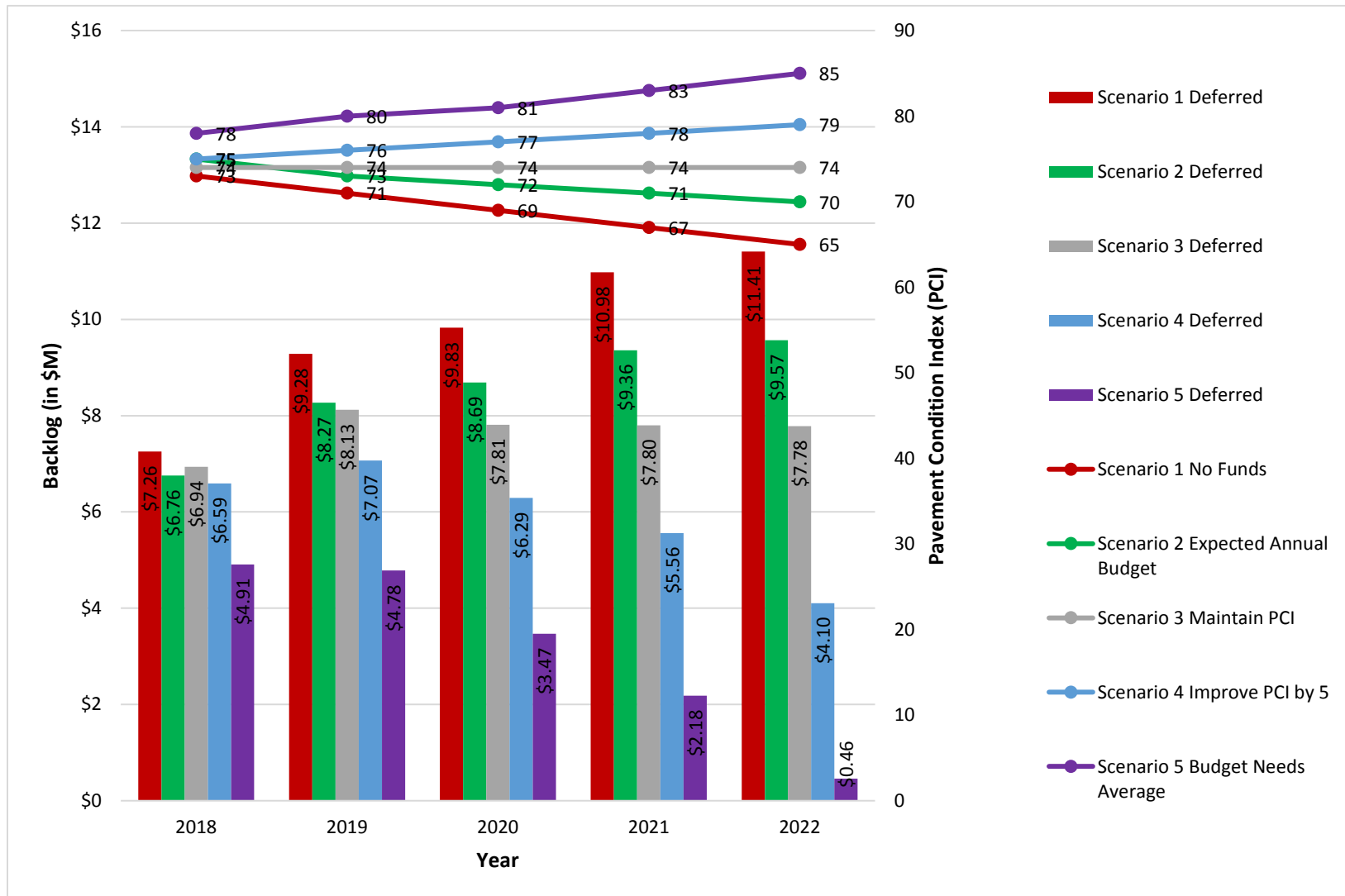


Figure 5. Scenario Breakdown of PCI and Deferred Maintenance for 2018 to 2022.

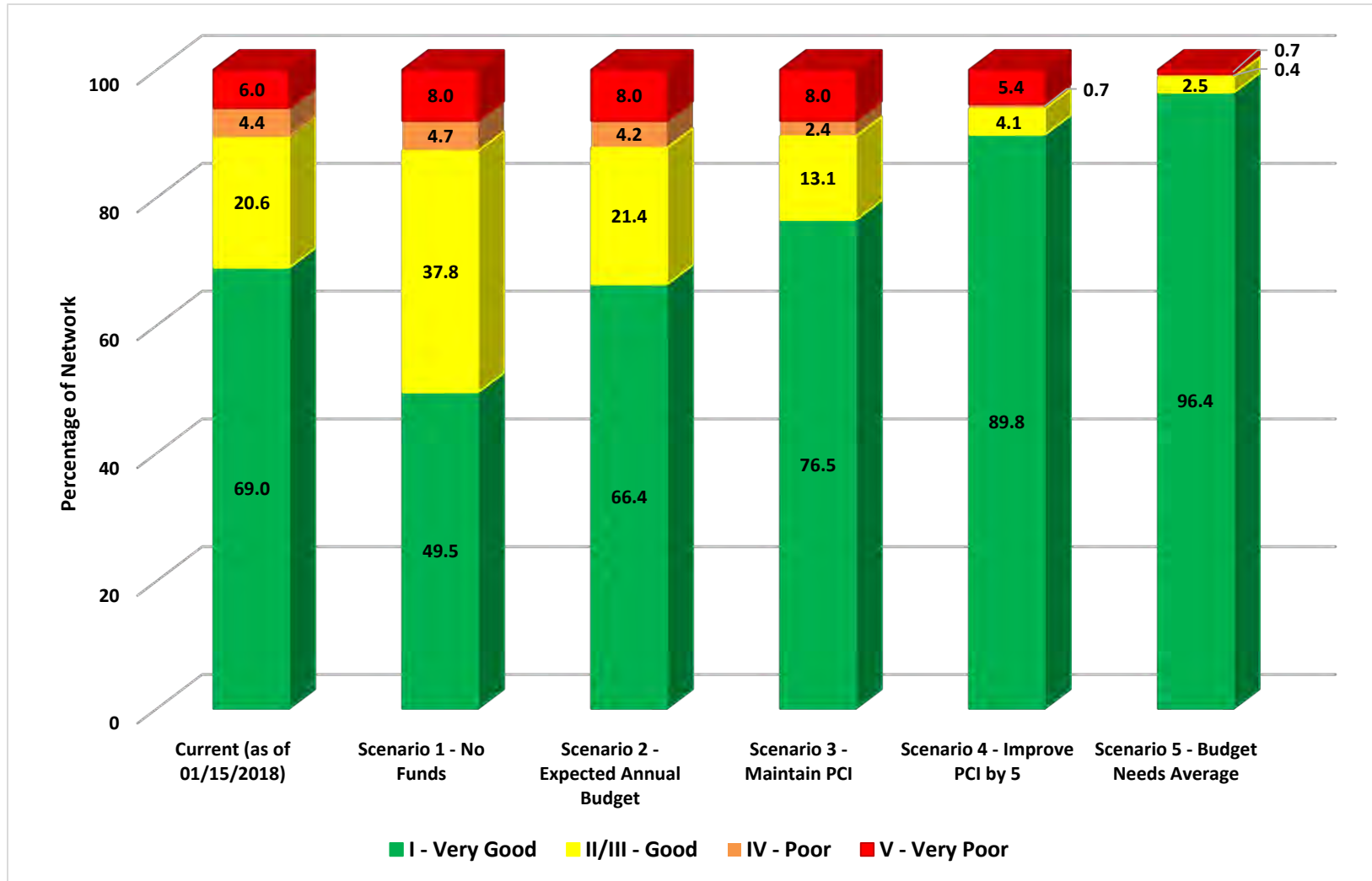


Figure 6. Pavement Condition for Each Scenario in 2022.

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## PCI Maps

Appendix J presents PCI maps for the following conditions: Current, Scenario 1 – No Funds (2022), Scenario 2 – Expected Annual Budget (2022), Scenario 3 – Maintain PCI (2022), Scenario 4 – Improve PCI by 5 (2022), and Scenario 5 – Budget Needs Average (2022).

## Recommendations

The City has a substantial investment of \$55 million in their pavement network of 33.79 centerline miles. The City's overall network PCI is 74 (as of 10/14/2017), which is "Very Good" in the MTC pavement condition categories. Approximately 90% of the network is "Very Good" or "Good" and 10% is "Poor" and "Very Poor." The budget needs analysis indicated that the City would have to spend approximately \$11.8 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., 74 and "Very Good" condition) and slowing the growth of the deferred maintenance (unfunded backlog), Fugro recommends Scenario 3 – Maintain PCI. This scenario has a total budget of \$4.6 million over five years. The breakdown is \$365k for year 1, \$960k for year 2, \$1.23 million for year 3, \$1.06 million for year 4, and \$1.00 million for year 5. There is also 25% preventive maintenance each year. The PCI will remain at 74 and the deferred maintenance increases slightly from \$7 million to \$7.8 million.

## Pavement Maintenance Strategies

The City's pavement maintenance strategies include slurry seals and overlays. 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 that 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.



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## 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 18

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

**Submitted to:**  
**City of Sonoma**  
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## Executive Summary

Fugro Roadware, Inc. (Fugro) is pleased to provide this Quality Management Report (QMR) to the City of Sonoma (City) 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 18. This QMR provides detailed information with regard to all quality assurance/quality control (QA/QC) steps taken by Fugro per the QA/QC plan submitted to the City in September of 2017 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 16. Fugro performed the pavement conditions distress survey for the City in October 2017. Overall network Pavement Condition Index (PCI) before inspection was 71. Overall PCI inspection after Fugro inspection is 74.

Prior to any distress survey activity, Fugro accessed the City's online StreetSaver PMS database and thoroughly reviewed its components. 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. There were no new streets to be added to the database since the last round of P-TAP (i.e., Round 16). A minimum of 10% of the entire street section area was inspected by 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 inspection 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.
- 75% of the re-inspections will be within  $\pm$  ten (10) PCI points of the original inspections.
- No more than 10% 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.*

<b>PCI Difference</b>	<b>Number of Re-Inspection Sections</b>	<b>Number Meeting Goal</b>	<b>Percentage Meeting Goal</b>	<b>Goal</b>
Within $\pm 5$	17	17	100%	At least 50%
Within $\pm 10$	17	17	100%	At least 75%
Greater than $\pm 15$	17	0	0%	Less than 10%

## 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 18. During P-TAP Round 18 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 September 2017. 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:

- Protocols, Quality Standards, and Deliverables
- Quality Control (QC)
- Acceptance
- Quality Plan Results
- Acceptance of Quality Management Report

## 2.0 Protocols, Quality Standards, and Deliverables

### 2.1 Introduction

During P-TAP Round 18, Fugro inspected approximately 33.79 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 submitted its QA/QC Plan to the City in September 2017 and prior to pavement condition distress survey and PMS system update. 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 by 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.

## 2.3 Quality Standards

The quality standards set for distress data were:

- 50% of the re-inspections will be within  $\pm$  five (5) PCI points of the original inspections.
- 75% of the re-inspections will be within  $\pm$  ten (10) PCI points of the original inspections.
- No more than 10% of the re-inspections will be more than fifteen (15) points different from the original inspections. All sections with a difference greater than 15 points will be reviewed further to determine sources of discrepancy.

## 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

Pavement inspections were performed in accordance with the distress definitions and descriptions in 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." 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.

### 3.1 Re-Inspection Checks

#### 3.1.1 Re-Inspection of Jurisdiction Sections By Raters

Per Fugro QA/QC Plan, Fugro re-inspected at least 5 percent of the sections previously inspected by an inspection team. The re-inspection was completed by Fugro raters/inspection team other than the 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 acceptance criteria were as follows:

- 50% of the re-inspections will be within  $\pm$  five (5) PCI points of the original inspections.
- 75% of the re-inspections will be within  $\pm$  ten (10) PCI points of the original inspections.
- No more than 10% of the re-inspections will be more than fifteen (15) points different from the original inspections. All sections with a difference greater than 15 points will be reviewed further to determine sources of discrepancy.

If the day's inspections were not within the above tolerances, then the supervisor met with the inspector(s) and reviewed the data in the field. Distress data discrepancies were discussed to determine what the source of the PCI differences were. That day's inspections may then be discarded and inspections performed again. In addition, 10% 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 were resolved, then the original re-inspection of 5% of the street segments would be resumed.

For sections with a difference of more than 15 points ( $\pm$  15 points), since they were last inspected, a supervisor reviewed those sections to determine the source or sources of the discrepancy. An office review was the first step in the process to determine if maintenance treatments were responsible for the difference in PCI. If necessary, a field review was performed on sections where no maintenance treatments were performed since the last inspection.

#### 3.1.2 Control Sections

At the beginning of field data collection activities for P-TAP Round 18, Fugro set up "control" sections for raters to inspect. The control sections were approximately 2,500 sf in area, which is a typical inspection unit size. The field supervisor (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 calibration. The control section was used to train new raters and as part of the QA process. Inspection teams periodically re-inspected the control section. The results of the re-inspection were compared to the original inspection distresses and PCI. Inspections were to be within the following tolerances:

- 60% of the re-inspections shall be within  $\pm$  five (5) PCI points of the original inspections.
- 90% of the re-inspections shall be within  $\pm$  ten (10) PCI points of the original inspections.
- No more than 5% of the re-inspections will be more than fifteen (15) points different from the original inspections.

In addition, individual distress information was compared to the original inspection done by field supervisor. The acceptance criteria were: 1) The inspectors must find all distress types and severities in each control section that the field supervisor found originally. 2) Distress amounts for each distress type/severity must be within  $\pm 50$  sf (or linear feet (lf) for longitudinal/transverse cracking) for all distresses except weathering and/or raveling. 3) Weathering and/or raveling distresses must be within  $\pm 10\%$  of the area originally inspected.

If the re-inspections PCI values were outside the 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.

## 4.0 Acceptance

Distress ratings for re-inspections must adhere to the following criteria:

- 50% of the re-inspections will be within  $\pm$  five (5) PCI points of the original inspections.
- 75% of the re-inspections will be within  $\pm$  ten (10) PCI points of the original inspections.
- No more than 10% 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 points will be reviewed further to determine sources of discrepancy.

## 5.0 Quality Plan Results

Fugro inspected 33.79 centerline miles of paved streets maintained by the City. Table 2 presents the number of sections for the City and the number of re-inspection sections. Fugro performed re-inspections on 17 sections (17>15 sections).

*Table 2. Sections and Re-Inspection Sections.*

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

Table 3 presents a summary of the re-inspection results and whether the re-inspections met the criteria in Section 4.0. For the City, all criteria were met. Appendix A has the results of each individual re-inspection.

*Table 3. Re-Inspection Results.*

<b>PCI Difference</b>	<b>Number of Re-Inspection Sections</b>	<b>Number Meeting Goal</b>	<b>Percentage Meeting Goal</b>	<b>Goal</b>
Within $\pm 5$	17	17	100%	At least 50%
Within $\pm 10$	17	17	100%	At least 75%
Greater than $\pm 15$	17	0	0%	Less than 10%

In addition, as part of the acceptance criteria the 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 that 40 sections had a PCI variance over 15 points. Among those 40 sections, 26 sections had a PCI increase of over 15 points. Some of those sections may have had too many distresses recorded in the previous inspection. Other sections may have had M&R activities not updated into the StreetSaver. Among those 40 sections, 14 sections had a PCI decrease of over 15 points due to significantly more distresses being present than was recorded at the previous inspection. As a note, the previous inspection occurred in either 2013 or 2015. Appendix B shows the sections with a PCI variance of greater than 15 points and inspection notes.

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## 6.0 Acceptance of Quality Management Report

Quality Management Report Accepted by the Agency Manager:

  
Agency Manager Signature

Public Works Director/City Engr.  
Title

J. Colleen Ferguson  
Agency Manager Printed

1/19/2018  
Date

Quality Management Report Accepted by the Project Manager:

  
Project Manager Signature

Senior Consultant  
Title

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

12/20/2017  
Date



## Appendix A – QA/QC Re-Inspection Results



Table. QA/QC Re-Inspection Results.

Street ID	Section ID	Street Name	Beg Location	End Location	PCI (Original)	PCI (QA)	Inspected Date	Variance	Variance (abs)
ADLER	117	ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	67	66	11/1/2017	-1	1
CHURCH	203A	CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	94	95	11/1/2017	1	1
CHURCH	203B	CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	85	85	11/1/2017	0	0
COOPER	199	COOPER STREET	PICKETT DRIVE	BRAGG STREET	81	80	11/1/2017	-1	1
DANIEL	118	DANIEL YOUNG DRIVE	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	87	84	11/1/2017	-3	3
DONNER	150C	DONNER AVENUE	FRANCE STREET	PATTEN STREET	70	67	11/1/2017	-3	3
HUDSON	145	HUDSON COURT	FRANCE STREET	CUL DE SAC	69	72	11/1/2017	3	3
LINDA	207B	LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	74	74	11/1/2017	0	0
LUBECK	201	LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	80	80	11/1/2017	0	0
MARIAN	225	MARIANO COURT	MARIANO DRIVE	CUL DE SAC	74	76	11/1/2017	2	2
NEILCT	133	NEIL COURT	BEASLEY WAY	CUL DE SAC	63	67	11/1/2017	4	4
ORTEGA	226	ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	73	77	11/1/2017	4	4
ROBINS	177	ROBINSON STREET	THE VILLAGE GREEN	THIRD STREET WEST	61	57	11/1/2017	-4	4
ROSALI	205	ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	70	71	11/1/2017	1	1
TODDAV	200	TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	86	89	11/1/2017	3	3
VIGNA	178	VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	50	48	11/1/2017	-2	2
VISCHE	148	VISCHER COURT	FRANCE STREET	CUL DE SAC	20	21	11/1/2017	1	1



## **Appendix B – Sections with PCI Difference Over $\pm 15$ 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	MR Treatment	MR Date	Comments
ANDRIE	167C	ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	9/16/2013	88	10/13/2017	65	88	-23	Type II Slurry Seal + Crack Seal	06/15/2014	M&R since 2013 survey.
AVENUE	120A	AVENUE DEL ORO	FIFTH STREET EAST	CORDILLERAS DRIVE	11/21/2015	8	10/13/2017	38	1	37			
AVENUE	120B	AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693	9/18/2013	59	10/13/2017	32	64	-32	Type II Slurry Seal + Crack Seal	10/08/2015	M&R since 2015 survey.
BEASLE	194	BEASLEY WAY	NEWCOMB STREET	COX STREET	11/21/2015	59	10/13/2017	74	55	19	Type II Slurry Seal + Crack Seal	11/05/2013	
BERRYE	186	BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	11/21/2015	78	10/13/2017	100	83	17	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
BLUEWI	102	BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	11/21/2015	24	10/13/2017	100	48	52	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
BRAZIL	110	BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	11/21/2015	87	10/13/2017	95	74	21			Possible M&R
CHARLE	114B	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	12/7/2015	71	10/13/2017	100	68	32			Possible M&R
CHASES	119E	CHASE STREET	FIFTH STREET EAST	CUL DE SAC	11/21/2015	30	10/13/2017	100	52	48	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
CONTEN	123	CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	11/21/2015	77	10/13/2017	100	83	17	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
DENMAR	138B	DENMARK STREET	GARRY LANE	254' WEST OF FIFTH STREET EAST	12/7/2015	18	10/13/2017	48	12	36			
ELLIOT	129	ELLIOT STREET	CUL DE SAC @ KNIGHT STREET	CUL DE SAC NORTH OF TOWNE ST	12/7/2015	64	10/13/2017	44	61	-17	Type II Slurry Seal + Crack Seal	11/05/2013	
FIFTHE	143	FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	11/21/2015	83	10/13/2017	43	79	-36			
FIFTHW	173C	FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	11/21/2015	86	10/13/2017	63	84	-21	Type II Slurry Seal + Crack Seal	06/15/2014	
FOURTE	112C	FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	11/21/2015	58	10/13/2017	75	54	21	THIN OVERLAY w/FABRIC	06/01/1996	
FOURTW	172A	FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	11/21/2015	49	10/13/2017	81	59	22	CrackSeal+SlurrySeal Typ II	08/11/2016	M&R since 2015 survey.
FOURTW	172B	FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	11/21/2015	39	10/13/2017	73	54	19	CrackSeal+SlurrySeal Typ II	08/11/2016	M&R since 2015 survey.
FOURTW	172D	FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	11/21/2015	47	10/13/2017	85	59	26	CrackSeal+SlurrySeal Typ II	08/11/2016	M&R since 2015 survey.
GREVEL	109	GREVE LANE	FOURTH STREET EAST	WILKING WAY	9/19/2013	76	10/13/2017	69	87	-18	CrackSeal+SlurrySeal Typ II	10/8/2015	M&R since 2013 survey.
LOVALL	107A	LOVALL VALLEY ROAD	FOURTH STREET EAST	175' EAST OF WILKING WAY	9/19/2013	68	10/13/2017	50	71	-21	Type II Slurry Seal + Crack Seal	06/15/2014	M&R since 2013 survey.
MALET	184A	MALET STREET	NEWCOMB ST	MALET ST BULBOUT	11/23/2015	41	10/13/2017	100	56	44	SLURRY SEAL	10/1/2017	M&R since 2015 survey.
MCDONN	165	MCDONNELL STREET	WEST FIRST STREET	BROADWAY	9/16/2013	63	10/13/2017	49	68	-19	Type II Slurry Seal + Crack Seal	06/15/2014	M&R since 2013 survey.
MISSIO	103	MISSION TERRACE	FIRST STREET EAST	DEAD END	9/19/2013	75	10/13/2017	67	85	-18	Type II Slurry Seal + Crack Seal	10/8/2015	M&R since 2013 survey.
MOLLCT	163A	MOLL COURT	EAST SPAIN STREET	END OF TANGENT	11/23/2015	36	10/13/2017	100	54	46	SLURRY SEAL	10/1/2017	M&R since 2015 survey.
MOLLCT	163B	MOLL COURT	END OF TANGENT	EAST DEAD END	11/23/2015	87	10/13/2017	100	84	16	SLURRY SEAL	06/01/1989	
NEWCOM	192B	NEWCOMB STREET	BROADWAY	HIGH SCHOOL PARKING LOT	11/23/2015	85	10/13/2017	100	82	18			Possible M&R
NICOLI	181	NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	11/23/2015	47	10/13/2017	69	42	27	THIN OVERLAY w/FABRIC	06/01/1993	
OREGON	219A	OREGON STREET	STUDLEY STREET	SEVENTH STREET WEST	9/13/2013	48	10/13/2017	60	88	-28	2" OL + Digouts	06/15/2014	M&R since 2013 survey.

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	MR Treatment	MR Date	Comments
PALOU	221	PALOU STREET	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	11/23/2015	69	10/13/2017	49	66	-17	SLURRY SEAL	06/01/1989	
PEARCE	244	PEARCE DRIVE	ENGLER STREET	DEAD END	11/23/2015	81	10/13/2017	100	79	21			Possible M&R
ROBINS	177	ROBINSON STREET	THE VILLAGE GREEN	THIRD STREET WEST	11/23/2015	83	10/13/2017	61	80	-19	RECONSTRUCT STRUCTURE (AC)	06/01/1998	
SECONE	101D1	SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	11/23/2015	34	10/13/2017	55	24	31	THIN OVERLAY w/FABRIC	06/01/1991	
SPAINW	204G	WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	11/23/2015	59	10/13/2017	95	67	28	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
THIRDE	149A	THIRD STREET EAST	CHASE STREET	CUL DE SAC	11/23/2015	85	10/13/2017	53	83	-30	Type II Slurry Seal + Crack Seal	11/05/2013	
TOWNE	128	TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	9/18/2013	41	10/13/2017	68	52	16	Type II Slurry Seal + Crack Seal	10/08/2015	M&R since 2013 survey.
VERANO	239	VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	11/23/2015	58	10/13/2017	100	65	35	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
VIGNA	178	VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	11/23/2015	70	10/13/2017	50	67	-17	Type II Slurry Seal + Crack Seal	11/05/2013	
VIRGIN	144	VIRGINIA COURT	CHASE STREET	CUL DE SAC	11/23/2015	81	10/13/2017	95	78	17			Possible M&R
WALNUT	115	WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	11/23/2015	26	10/13/2017	100	50	50	SLURRY SEAL	10/01/2017	M&R since 2015 survey.
YORKCT	146	YORK COURT	FOURTH STREET EAST	CUL DE SAC	11/23/2015	38	10/13/2017	100	55	45	SLURRY SEAL	10/01/2017	M&R since 2015 survey.



## **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, 2017 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	10/13/2017	67
ANDRIE	167E2	ANDRIEUX STREET - 167	FIRST STREET WEST	BROADWAY	2	C - Collector	332	38	12616	O - AC/AC	10/13/2017	76
ANDRIE	167A	ANDRIEUX STREET - 167	CUL DE SAC	FIFTH STREET	2	R - Residential/Local	1242	39	48438	O - AC/AC	10/13/2017	76
ANDRIE	167B	ANDRIEUX STREET - 167	FIFTH STREET WEST	FOURTH STREET WEST	2	C - Collector	611	33	20163	O - AC/AC	10/13/2017	81
ANDRIE	167C	ANDRIEUX STREET - 167	FOURTH STREET WEST	THIRD STREET WEST	2	C - Collector	661	33	21813	O - AC/AC	10/13/2017	65
ANDRIE	167D	ANDRIEUX STREET - 167	THIRD STREET WEST	SECOND STREET WEST	2	C - Collector	641	38	24358	O - AC/AC	10/13/2017	71
ANDRIE	167E	ANDRIEUX STREET - 167	SECOND STREET WEST	FIRST STREET WEST	2	C - Collector	664	38	25232	O - AC/AC	10/13/2017	86
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	10/13/2017	52
ARGUEL	238	ARGUELLO COURT - 238	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	249	33	8217	A - AC	10/13/2017	85
ARMSTR	113	ARMSTRONG DRIVE - 113	CHARLES VAN DAMME WAY	EAST NAPA STREET	2	R - Residential/Local	421	46	19366	A - AC	10/13/2017	78
ARROY	180	ARROYO WAY - 180	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	613	32	19616	A - AC	10/13/2017	68
AUREO	121	AUREO COURT - 121	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	146	27	3942	A - AC	10/13/2017	10
AUSTIN	162A	AUSTIN AVENUE - 162	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	611	36	21996	A - AC	10/13/2017	29
AUSTIN	162B	AUSTIN AVENUE - 162	CHASE STREET	FRANCE STREET	2	R - Residential/Local	615	36	22140	A - AC	10/13/2017	19
AUSTIN	162C	AUSTIN AVENUE - 162	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	604	33	19932	A - AC	10/13/2017	60
AVENUE	120A	AVENUE DEL ORO - 120	FIFTH STREET EAST	CORDILLERAS DRIVE	2	R - Residential/Local	779	33	25707	A - AC	10/13/2017	38
AVENUE	120B	AVENUE DEL ORO - 120	CORDILLERAS DRIVE	HOUSE #693	2	R - Residential/Local	801	33	26433	A - AC	10/13/2017	32
AVENUE	120C	AVENUE DEL ORO - 120	HOUSE #693	APPLETON WAY	2	R - Residential/Local	331	33	10923	A - AC	10/13/2017	75
BANCHE	176	BANCHERO STREET - 176	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	215	23	4945	A - AC	10/13/2017	65
BARRAC	202	BARRACHI WAY - 202	PERKINS STREET	BACHERO STREET	2	R - Residential/Local	804	23	18492	A - AC	10/13/2017	61
BAUDIN	252	BAUDIN WAY - 252	CASA BONNE LN	DEAD END	2	R - Residential/Local	186	20	3720	A - AC	10/13/2017	93
BEASLE	194	BEASLEY WAY - 194	NEWCOMB STREET	COX STREET	2	R - Residential/Local	969	37	35853	A - AC	10/13/2017	74
BERRYE	186	BERRYESSA DRIVE - 186	LA QUINTA	EVANS AVENUE	2	R - Residential/Local	416	33	13728	A - AC	10/13/2017	100
BERRYE	188	BERRYESSA COURT - 188	BERRYESSA DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	10/13/2017	76
BETTEN	179A	BETTENCOURT STREET - 179	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	611	32	19552	O - AC/AC	10/13/2017	95

## 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
BETTEN	179B	BETTENCOURT STREET - 179	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	649	34	22066	O - AC/AC	10/13/2017	95
BETTEN	179C	BETTENCOURT STREET - 179	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	643	34	21862	O - AC/AC	10/13/2017	95
BLUEWI	102	BLUE WING DRIVE - 102	FIRST STREET EAST	SECOND STREET EAST	2	C - Collector	628	32	20096	A - AC	10/13/2017	100
BRAGG	211	BRAGG STREET - 211	CLAY STREET	DEAD END NORTH OF COOPER ST	2	R - Residential/Local	335	33	11055	A - AC	10/13/2017	85
BRAZIL	110	BRAZIL STREET - 110	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	2	R - Residential/Local	607	16	9712	S - ST	10/13/2017	95
BROCKM	137A	BROCKMAN DRIVE - 137	DENMARK STREET	CUL DE SAC	2	R - Residential/Local	664	33	21912	A - AC	10/13/2017	91
BROCKM	137B	BROCKMAN DRIVE - 137	CUL DE SAC/BULB	LOT #366/PAVE CHG	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	74
BROCKM	137C	BROCKMAN DRIVE - 137	JONES STREET	LOT #366/PAVE CHG	2	R - Residential/Local	405	30	12150	A - AC	10/13/2017	87
CARILL	227	CARILLO COURT - 227	VERANO AVENUE	CUL DE SAC	2	R - Residential/Local	325	33	10725	A - AC	10/13/2017	24
CARSON	231	CARSON COURT - 231	LASUEN STREET	CUL DE SAC	2	R - Residential/Local	193	33	6369	A - AC	10/13/2017	95
CASABO	251	CASA BONNE LANE - 251	4TH ST WEST	BAUDIN WAY	2	R - Residential/Local	336	20	6720	A - AC	10/13/2017	93
CHARLE	114A	CHARLES VAN DAMME WAY - 114	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	451	33	14883	A - AC	10/13/2017	73
CHARLE	114B	CHARLES VAN DAMME WAY - 114	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	2	R - Residential/Local	1436	48	68928	A - AC	10/13/2017	100
CHASES	119A	CHASE STREET - 119	BROADWAY	SECOND STREET EAST	2	C - Collector	901	37	33337	A - AC	10/13/2017	81
CHASES	119B	CHASE STREET - 119	SECOND STREET EAST	THIRD STREET EAST	2	C - Collector	566	32	18112	A - AC	10/13/2017	78
CHASES	119C	CHASE STREET - 119	THIRD STREET EAST	FOURTH STREET EAST	2	C - Collector	676	32	21632	A - AC	10/13/2017	68
CHASES	119D	CHASE STREET - 119	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	32	20192	A - AC	10/13/2017	70
CHASES	119E	CHASE STREET - 119	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	399	33	13167	A - AC	10/13/2017	100
CHURCH	203A	CHURCH STREET - 203	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	631	32	20192	O - AC/AC	10/13/2017	95
CHURCH	203B	CHURCH STREET - 203	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	611	32	19552	A - AC	10/13/2017	85
CHURCH	203C	CHURCH STREET - 203	SECOND STREET WEST	ALLEY	2	R - Residential/Local	408	28	11424	A - AC	10/13/2017	56
CLAUDI	206	CLAUDIA DRIVE - 206	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	641	31	19871	A - AC	10/13/2017	72
CLAYST	159A	CLAY STREET - 159	FRYER CREEK DRIVE	BROADWAY	2	R - Residential/Local	1471	37	54427	A - AC	10/13/2017	81
CONTEN	123	CONTENTO COURT - 123	CORDILLERAS DRIVE	CUL DE SAC	2	R - Residential/Local	202	27	5454	A - AC	10/13/2017	100
COOPER	199	COOPER STREET - 199	PICKETT DRIVE	BRAGG STREET	2	R - Residential/Local	589	33	19437	A - AC	10/13/2017	81
CORDIL	124A	CORDILLERAS DRIVE - 124	MACARTHUR STREET	AVENUE DEL ORO	2	R - Residential/Local	552	33	18216	A - AC	10/13/2017	69

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CORDIL	124B	CORDILLERAS DRIVE - 124	AVENUE DEL ORO	PRIVATE DRIVE	2	R - Residential/Local	297	33	9801	A - AC	10/13/2017	76
COXST	191	COX STREET - 191	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	2	R - Residential/Local	647	37	23939	A - AC	10/13/2017	68
CURTIN	218A	CURTIN LANE - 218	SEVENTH STREET WEST	HOUSE #601	2	R - Residential/Local	351	33	11583	O - AC/AC	10/13/2017	95
CURTIN	218B	CURTIN LANE - 218	HOUSE #601	FIFTH STREET WEST	2	R - Residential/Local	603	33	19899	O - AC/AC	10/13/2017	100
DANIEL	118	DANIEL YOUNG DRIVE - 118	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	433	37	16021	A - AC	10/13/2017	87
DAVILA	140	DAVILA COURT - 140	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	317	33	10461	A - AC	10/13/2017	83
DENMAR	138A	DENMARK STREET - 138	DEAD END WEST OF BROCKMAN DR	GARRY LANE	2	R - Residential/Local	537	33	17721	A - AC	10/13/2017	72
DENMAR	138B	DENMARK STREET - 138	GARRY LANE	254' WEST OF FIFTH STREET EAST	2	R - Residential/Local	541	22	11902	A - AC	10/13/2017	48
DENMAR	138C	DENMARK STREET - 138	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	254	26	6604	A - AC	10/13/2017	51
DEWELL	156	DEWELL DRIVE - 156	LARKIN DRIVE	FINE AVENUE	2	R - Residential/Local	969	38	36822	A - AC	10/13/2017	81
DONNER	150	DONNER AVENUE - 150	MACARTHUR LANE	EAST MACARTHUR AVENUE	2	R - Residential/Local	250	26	6500	A - AC	10/13/2017	95
DONNER	150A	DONNER AVENUE - 150	EAST MACARTHUR AVENUE	CHASE STREET	2	R - Residential/Local	626	32	20032	O - AC/AC	10/13/2017	71
DONNER	150B	DONNER AVENUE - 150	CHASE STREET	DEAD END	2	R - Residential/Local	312	32	9984	O - AC/AC	10/13/2017	100
DONNER	150C	DONNER AVENUE - 150	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	32	19456	A - AC	10/13/2017	70
EASTIN	139	EASTIN DRIVE - 139	DENMARK STREET	FIFTH STREET EAST	2	R - Residential/Local	1308	33	43164	A - AC	10/13/2017	86
EDACT	232	EDA COURT - 232	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	130	20	2600	A - AC	10/13/2017	70
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	10/13/2017	44
ELNIDO	122	EL NIDO COURT - 122	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	292	28	8176	A - AC	10/13/2017	11
ENGLER	246	ENGLER STREET - 246	BROCKMAN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	68
ESTECT	136	ESTE MADERA COURT - 136	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	302	27	8154	A - AC	10/13/2017	95
ESTEDR	134A	ESTE MADERA DRIVE - 134	EAST MACARTHUR STREET	ESTE MADERA LANE	2	R - Residential/Local	797	33	26301	A - AC	10/13/2017	92
ESTEDR	134B	ESTE MADERA DRIVE - 134	ESTE MADERA LANE	END OF LOOP	2	R - Residential/Local	1044	33	34452	A - AC	10/13/2017	95
ESTEDR	134C	ESTE MADERA DRIVE - 134	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	396	33	13068	A - AC	10/13/2017	95
ESTELN	135	ESTE MADERA LANE - 135	EAST FIFTH STREET	ESTE MADERA DRIVE	2	R - Residential/Local	232	33	7656	A - AC	10/13/2017	88
EVANS	185	EVANS AVENUE - 185	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	2	R - Residential/Local	602	33	19866	A - AC	10/13/2017	86
FANOLN	237A	FANO LANE - 237	ROBINSON ROAD	JUNIPERO SERRA STREET	2	R - Residential/Local	454	33	14982	O - AC/AC	10/13/2017	65

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FANOLN	237B	FANO LANE - 237	JUNIPERO SERRA STREET	FIFTH STREET WEST	2	R - Residential/Local	1157	33	38181	O - AC/AC	10/13/2017	83
FIFTHE	143	FIFTH STREET EAST - 143	CITY LIMITS / HOUSE #20419	DENMARK STREET	2	A - Arterial	1240	30	37200	A - AC	10/13/2017	43
FIFTHE	143A	FIFTH STREET EAST - 143	DENMARK STREET	ESTE MADERA LANE	2	A - Arterial	603	30	18090	O - AC/AC	10/13/2017	73
FIFTHE	143B	FIFTH STREET EAST - 143	ESTE MADERA LANE	EAST MACARTHUR STREET	2	A - Arterial	683	27	18441	O - AC/AC	10/13/2017	70
FIFTHE	143C	FIFTH STREET EAST - 143	EAST MACARTHUR STREET	FRANCE STREET	2	A - Arterial	1247	37	46139	O - AC/AC	10/13/2017	81
FIFTHE	143D	FIFTH STREET EAST - 143	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	684	37	25308	O - AC/AC	10/13/2017	72
FIFTHE	143E	FIFTH STREET EAST - 143	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	660	37	24420	O - AC/AC	10/13/2017	81
FIFTHW	173A	FIFTH STREET WEST - 173	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	2	A - Arterial	1287	49	63063	A - AC	10/13/2017	87
FIFTHW	173A2	FIFTH STREET WEST - 173	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	2	A - Arterial	175	49	8575	A - AC	10/13/2017	88
FIFTHW	173B	FIFTH STREET WEST - 173	WEST MACARTHUR STREET	ANDRIEUX STREET	2	A - Arterial	1134	49	55566	O - AC/AC	10/13/2017	77
FIFTHW	173C	FIFTH STREET WEST - 173	ANDRIEUX STREET	WEST NAPA ROAD	4	A - Arterial	1462	64	93568	O - AC/AC	10/13/2017	63
FIFTHW	173D	FIFTH STREET WEST - 173	WEST NAPA ROAD	WEST SPAIN STREET	2	A - Arterial	619	37	22903	O - AC/AC	10/13/2017	85
FIFTHW	173E	FIFTH STREET WEST - 173	WEST SPAIN STREET	CLAUDIA DRIVE	2	A - Arterial	1111	37	41107	O - AC/AC	10/13/2017	81
FIFTHW	173F	FIFTH STREET WEST - 173	CLAUDIA DRIVE	HARASZTHY DRIVE	2	A - Arterial	531	37	19647	O - AC/AC	10/13/2017	82
FIFTHW	173G	FIFTH STREET WEST - 173	HARASZTHY DRIVE	VERANO AVENUE	2	A - Arterial	956	29	27724	O - AC/AC	10/13/2017	79
FINEAV	153	FINE AVENUE - 153	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	2	R - Residential/Local	606	33	19998	A - AC	10/13/2017	56
FIRSTE	100A	FIRST STREET EAST - 100	PATTEN STREET	EAST NAPA STREET	2	C - Collector	612	34	20808	A - AC	10/13/2017	84
FIRSTE	100B	FIRST STREET EAST - 100	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	608	65	39520	A - AC	10/13/2017	93
FIRSTE	100C	FIRST STREET EAST - 100	EAST SPAIN STREET	HIKING PATH	2	C - Collector	771	35	26985	A - AC	10/13/2017	71
FIRSTE	100D	FIRST STREET EAST - 100	HIKING PATH	BLUE WING DRIVE	2	C - Collector	892	41	36572	A - AC	10/13/2017	67
FIRSTW	169A	FIRST STREET WEST - 169	NEWCOMB STREET	HOUSE #20054	2	R - Residential/Local	291	20	5820	A - AC	10/13/2017	80
FIRSTW	169B	FIRST STREET WEST - 169	HOUSE #20054	MALET STREET	2	R - Residential/Local	354	26	9204	A - AC	10/13/2017	86
FIRSTW	169C	FIRST STREET WEST - 169	MALET STREET	HOUSE #19995	2	R - Residential/Local	337	20	6740	A - AC	10/13/2017	70

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FIRSTW	169D	FIRST STREET WEST - 169	HOUSE #19995	WEST MACARTHUR STREET	2	R - Residential/Local	305	36	10980	A - AC	10/13/2017	82
FIRSTW	169E	FIRST STREET WEST - 169	WEST MACARTHUR STREET	ANDRIEUX STREET	2	R - Residential/Local	1256	32	40192	A - AC	10/13/2017	81
FIRSTW	169F	FIRST STREET WEST - 169	ANDRIEUX STREET	WEST NAPA STREET	2	R - Residential/Local	1245	36	44820	A - AC	10/13/2017	67
FIRSTW	169G	FIRST STREET WEST - 169	WEST NAPA STREET	WEST SPAIN STREET	2	A - Arterial	596	60	35760	A - AC	10/13/2017	78
FIRSTW	169H	FIRST STREET WEST - 169	WEST SPAIN STREET	HOUSE #344	2	A - Arterial	387	38	14706	A - AC	10/13/2017	93
FIRSTW	169I	FIRST STREET WEST - 169	HOUSE #344	HIKING PATH	2	A - Arterial	571	32	18272	A - AC	10/13/2017	16
FIRSTW	169J	FIRST STREET WEST - 169	HIKING PATH	MOUNTAIN CEMETERY ROAD	2	A - Arterial	1109	31	34379	A - AC	10/13/2017	24
FOURTE	112A	FOURTH STREET EAST - 112	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	624	32	19968	O - AC/AC	10/13/2017	76
FOURTE	112B	FOURTH STREET EAST - 112	CHASE STREET	PATTEN STREET	2	R - Residential/Local	1247	32	39904	A - AC	10/13/2017	59
FOURTE	112C	FOURTH STREET EAST - 112	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	636	29	18444	A - AC	10/13/2017	75
FOURTE	112H	FOURTH STREET EAST - 112	EAST NAPA STREET	NATHANSON CREEK	2	A - Arterial	504	28	14112	A - AC	10/13/2017	93
FOURTE	112I	FOURTH STREET EAST - 112	NATHANSON CREEK	EAST SPAIN STREET	2	A - Arterial	130	32	4160	A - AC	10/13/2017	79
FOURTE	112O	FOURTH STREET EAST - 112	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	2	C - Collector	942	32	29648	A - AC	10/13/2017	86
FOURTE	112P	FOURTH STREET EAST - 112	150' SOUTH OF LUCCA COURT	BRAZIL STREET	2	C - Collector	1039	28	27296	A - AC	10/13/2017	95
FOURTW	172A	FOURTH STREET WEST - 172	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	2	R - Residential/Local	646	18	11628	A - AC	10/13/2017	81
FOURTW	172B	FOURTH STREET WEST - 172	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	145	37	5365	A - AC	10/13/2017	73
FOURTW	172C	FOURTH STREET WEST - 172	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	265	37	9805	A - AC	10/13/2017	95
FOURTW	172D	FOURTH STREET WEST - 172	ANDRIEUX STREET	NORTH DEAD END	2	R - Residential/Local	445	20	8900	A - AC	10/13/2017	85
FOURTW	172E	FOURTH STREET WEST - 172	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	604	37	22348	A - AC	10/13/2017	70
FOURTW	172F	FOURTH STREET WEST - 172	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	2	R - Residential/Local	516	25	12900	A - AC	10/13/2017	2
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	10/13/2017	10
FOURTW	172H	FOURTH STREET WEST - 172	WEST SPAIN ST	300' N OF CASA BONNE	2	R - Residential/Local	580	30	17400	A - AC	10/13/2017	89
FRANCE	151A	FRANCE STREET - 151	BROADWAY	SECOND STREET	2	C - Collector	919	32	29408	A - AC	10/13/2017	95



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FRANCE	151B	FRANCE STREET - 151	SECOND STREET	OAK LANE	2	C - Collector	749	35	26215	A - AC	10/13/2017	89
FRANCE	151C	FRANCE STREET - 151	OAK LANE	FOURTH STREET EAST	2	C - Collector	491	35	17185	A - AC	10/13/2017	95
FRANCE	151D	FRANCE STREET - 151	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	37	23347	A - AC	10/13/2017	59
FRYERC	195A	FRYER CREEK DRIVE - 195	LEVERONI ROAD	CLAY STREET	2	R - Residential/Local	691	37	25567	A - AC	10/13/2017	84
FRYERC	195B	FRYER CREEK DRIVE - 195	CLAY STREET	HIKING PATH	2	R - Residential/Local	648	37	23976	A - AC	10/13/2017	3
FRYERC	195C	FRYER CREEK DRIVE - 195	HIKING PATH	NEWCOMB STREET	2	R - Residential/Local	665	37	24605	A - AC	10/13/2017	8
FRYERC	195D	FRYER CREEK DRIVE - 195	NEWCOMB STREET	MALET STREET	2	R - Residential/Local	735	33	24255	A - AC	10/13/2017	80
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	10/13/2017	87
GRANTC	187	GRANT COURT - 187	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	158	34	5372	A - AC	10/13/2017	83
GREVEL	109	GREVE LANE - 109	FOURTH STREET EAST	WILKING WAY	2	R - Residential/Local	449	33	14817	A - AC	10/13/2017	69
HARASZ	208	HARASZTHY DRIVE - 208	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	640	33	21120	A - AC	10/13/2017	81
HARRIN	190	HARRINGTON DRIVE - 190	FIFTH STREET WEST	LOT # 440/ PAVE CHG	2	R - Residential/Local	365	26	9490	A - AC	10/13/2017	87
HARRIN	191	HARRINGTON DRIVE - 190	LOT #440/ PAVE CHG	MANOR DRIVE	2	R - Residential/Local	544	17	9248	A - AC	10/13/2017	8
HAYES	209A	HAYES STREET - 209	BEG. OF PAVEMENT	ROAD WIDENS	2	R - Residential/Local	294	16	4704	A - AC	10/13/2017	95
HAYES	209B	HAYES STREET - 209	ROAD WIDENS	BETTENCOURT STREET	2	R - Residential/Local	187	33	6171	A - AC	10/13/2017	81
HEATHE	214	HEATHER LANE - 214	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	2	R - Residential/Local	496	33	16368	O - AC/AC	10/13/2017	85
HUDSON	145	HUDSON COURT - 145	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	371	33	12243	A - AC	10/13/2017	69
INGRAM	242	INGRAM DRIVE - 242	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	10/13/2017	91
IVYCT	215	IVY COURT - 215	HEATHER LANE	CUL DE SAC	2	R - Residential/Local	213	27	5751	O - AC/AC	10/13/2017	83
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	10/13/2017	74
JOAQUI	224B	JOAQUIN DRIVE - 224	100' SOUTH OF MITCHELL WAY	LASUEN STREET	2	R - Residential/Local	546	33	18018	A - AC	10/13/2017	91
JOAQUI	224C	JOAQUIN DRIVE - 224	LASUEN STREET	FIFTH STREET WEST	2	R - Residential/Local	1395	33	46035	A - AC	10/13/2017	80
JONES	243	JONES STREET - 243	TEMP DEAD END SOUTH	ENGLER STREET	2	R - Residential/Local	466	26	12116	A - AC	10/13/2017	64
JONES	243A	JONES STREET - 243	NAPA ROAD	100' SOUTH OF BROCKMAN DR	2	R - Residential/Local	290	24	6960	A - AC	10/13/2017	77
JUNIPE	217	JUNIPER COURT - 217	WHITE BRIAR DRIVE	CUL DE SAC	2	R - Residential/Local	173	27	4671	A - AC	10/13/2017	87
JUNIPE	223A	JUNIPERO SERRA DRIVE - 223	WEST SPAIN STREET	LASUEN STREET	2	R - Residential/Local	897	37	33189	O - AC/AC	10/13/2017	90

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JUNIPE	223B	JUNIPERO SERRA DRIVE - 223	LASUEN STREET	VASQUEZ COURT	2	R - Residential/Local	567	37	20979	O - AC/AC	10/13/2017	93
JUNIPE	223C	JUNIPERO SERRA DRIVE - 223	VASQUEZ COURT	FANO LANE	2	R - Residential/Local	379	37	14023	O - AC/AC	10/13/2017	91
JUNIPE	223D	JUNIPERO SERRA DRIVE - 223	FANO LANE	VERANO AVENUE	2	R - Residential/Local	702	37	25974	O - AC/AC	10/13/2017	71
KNIGHT	132	KNIGHT STREET - 132	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	887	33	29271	A - AC	10/13/2017	76
LAQUIN	212	LA QUINTA LANE - 212	FIFTH STREET WEST	BERRYESSA DRIVE	2	R - Residential/Local	636	33	20988	A - AC	10/13/2017	87
LARKIN	155A	LARKIN DRIVE - 155	NAPA ROAD	DEWELL DRIVE	2	R - Residential/Local	447	38	16986	A - AC	10/13/2017	78
LARKIN	155B	LARKIN DRIVE - 155	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	2	R - Residential/Local	811	38	30818	A - AC	10/13/2017	77
LASCAS	104	LAS CASITAS COURT - 104	EAST SPAIN STREET	CUL DE SAC	2	R - Residential/Local	479	33	15807	A - AC	10/13/2017	60
LASUEN	235A	LASUEN STREET - 235	ROBINSON ROAD	JOAQUIN DRIVE	2	R - Residential/Local	603	37	22311	A - AC	10/13/2017	76
LASUEN	235B	LASUEN STREET - 235	JOAQUIN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	919	37	34003	A - AC	10/13/2017	87
LEECT	183	LEE COURT - 183	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	159	42	6678	A - AC	10/13/2017	91
LEVERO	160A	LEVERONI ROAD - 160	HIKING PATH	DAVID STREET	2	A - Arterial	650	48	31200	A - AC	10/13/2017	81
LEVERO	160B	LEVERONI ROAD - 160	DAVID STREET	234' WEST OF BROADWAY	2	A - Arterial	695	38	26410	A - AC	10/13/2017	79
LEVERO	160C	LEVERONI ROAD - 160	234' WEST OF BROADWAY	BROADWAY	2	A - Arterial	234	38	8892	O - AC/AC	10/13/2017	95
LINDA	207A	LINDA DRIVE - 207	MITCHELL WAY	FIFTH STREET WEST	2	R - Residential/Local	591	33	19503	A - AC	10/13/2017	79
LINDA	207B	LINDA DRIVE - 207	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	646	33	21318	A - AC	10/13/2017	74
LOVALL	107A	LOVALL VALLEY ROAD - 107	FOURTH STREET EAST	175' EAST OF WILKING WAY	2	R - Residential/Local	629	39	24531	A - AC	10/13/2017	50
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	10/13/2017	9
LUBECK	201	LUBECK STREET - 201	FRYER CREEK DRIVE	TODD AVENUE	2	R - Residential/Local	417	33	13761	A - AC	10/13/2017	80
LUCCAC	111	LUCCA COURT - 111	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	258	33	8514	A - AC	10/13/2017	74
LYONLA	254	LYON LANE - 254	SONOMA HWY	PALOU ST	2	R - Residential/Local	290	30	8700	A - AC	10/13/2017	95
MACARE	133A	EAST MACARTHUR STREET - 133	BROADWAY	AUSTIN STREET	2	C - Collector	573	38	21774	O - AC/AC	10/13/2017	77
MACARE	133B	EAST MACARTHUR STREET - 133	AUSTIN STREET	THIRD STREET EAST	2	C - Collector	988	37	36556	O - AC/AC	10/13/2017	100
MACARE	133C	EAST MACARTHUR STREET - 133	THIRD STREET EAST	FIFTH STREET EAST	2	C - Collector	1315	36	47340	A - AC	10/13/2017	91
MACARE	133D	EAST MACARTHUR STREET - 133	FIFTH STREET EAST	CORDILLERAS DRIVE	2	C - Collector	821	38	31198	A - AC	10/13/2017	88
MACARE	133E	EAST MACARTHUR STREET - 133	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	2	C - Collector	951	31	29481	A - AC	10/13/2017	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
MACARL	249	MACARTHUR LANE - 249	SECOND STREET EAST	CUL DE SAC	2	R - Residential/Local	518	29	15022	A - AC	10/13/2017	93
MACARW	182A	WEST MACARTHUR STREET - 182	WEST DEAD END	FIFTH STREET WEST	2	R - Residential/Local	1061	39	41379	A - AC	10/13/2017	76
MACARW	182B	WEST MACARTHUR STREET - 182	FIFTH STREET WEST	MANOR DRIVE	2	C - Collector	1014	37	37518	O - AC/AC	10/13/2017	75
MACARW	182C	WEST MACARTHUR STREET - 182	MANOR DRIVE	SECOND STREET WEST	2	C - Collector	883	37	32671	O - AC/AC	10/13/2017	69
MACARW	182D	WEST MACARTHUR STREET - 182	SECOND STREET WEST	BROADWAY	2	C - Collector	932	37	34484	O - AC/AC	10/13/2017	69
MALET	184A	MALET STREET - 184	NEWCOMB ST	MALET ST BULBOUT	2	R - Residential/Local	951	16	15216	A - AC	10/13/2017	100
MALET	184B	MALET STREET - 184	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	277	30	8310	O - AC/AC	10/13/2017	95
MANOR	189A	MANOR DRIVE - 189	HARRINGTON DRIVE	HIKING PATH	2	R - Residential/Local	513	33	16929	A - AC	10/13/2017	27
MANOR	189B	MANOR DRIVE - 189	HIKING PATH	WEST MACARTHUR STREET	2	R - Residential/Local	1186	34	40324	A - AC	10/13/2017	86
MAPLE	166	MAPLE STREET - 166	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	266	28	7448	A - AC	10/13/2017	19
MARIAN	225	MARIANO COURT - 225	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	198	33	6534	A - AC	10/13/2017	74
MARIAN	225A	MARIANO DRIVE - 240	FANO LANE	HOUSE #705	2	R - Residential/Local	302	33	9966	A - AC	10/13/2017	80
MARIAN	225B	MARIANO DRIVE - 240	HOUSE #705	FIFTH STREET WEST	2	R - Residential/Local	955	33	31515	A - AC	10/13/2017	84
MCDONN	165	MCDONNELL STREET - 165	WEST FIRST STREET	BROADWAY	2	R - Residential/Local	278	31	8618	A - AC	10/13/2017	49
MERRIT	228	MERRITT COURT - 228	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	179	33	5907	A - AC	10/13/2017	72
MISSIO	103	MISSION TERRACE - 103	FIRST STREET EAST	DEAD END	2	R - Residential/Local	306	27	8262	A - AC	10/13/2017	67
MITCHE	236	MITCHELL WAY - 236	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	2	R - Residential/Local	702	33	23166	A - AC	10/13/2017	82
MOLLCT	163A	MOLL COURT - 163	EAST SPAIN STREET	END OF TANGENT	2	R - Residential/Local	315	26	8190	A - AC	10/13/2017	100
MOLLCT	163B	MOLL COURT - 163	END OF TANGENT	EAST DEAD END	2	R - Residential/Local	150	59	8850	A - AC	10/13/2017	100
MONTIN	253	MONTINI LANE - 253	4TH ST WEST	5TH ST WEST	2	R - Residential/Local	630	30	18900	A - AC	10/13/2017	72
NAPAE	161A	EAST NAPA STREET - 161	BROADWAY	FIRST STREET EAST	2	A - Arterial	287	69	19803	A - AC	10/13/2017	95
NAPAE	161B	EAST NAPA STREET - 161	FIRST STREET EAST	THIRD STREET EAST	2	A - Arterial	1323	38	50274	A - AC	10/13/2017	87
NAPAE	161C	EAST NAPA STREET - 161	THIRD STREET EAST	FOURTH STREET EAST	2	A - Arterial	633	38	24054	A - AC	10/13/2017	78
NAPAE	161D	EAST NAPA STREET - 161	FOURTH STREET EAST	FIFTH STREET EAST	2	A - Arterial	664	38	25232	A - AC	10/13/2017	72
NAPAE	161E	EAST NAPA STREET - 161	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	2	R - Residential/Local	1159	30	34770	O - AC/AC	10/13/2017	77
NAPARD	158A	NAPA ROAD - 158	BROADWAY	742' EAST OF BROADWAY	2	A - Arterial	742	40	29680	O - AC/AC	10/13/2017	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
NAPARD	158B	NAPA ROAD - 158	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	2	A - Arterial	1197	32	38304	O - AC/AC	10/13/2017	95
NASHST	198	NASH STREET - 198	CLAY STREET	PICKETT STREET	2	R - Residential/Local	481	33	15873	A - AC	10/13/2017	26
NATALI	233	NATALINA COURT - 233	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	111	64	7104	A - AC	10/13/2017	71
NEILCT	133	NEIL COURT - 193	BEASLEY WAY	CUL DE SAC	2	R - Residential/Local	208	33	6864	A - AC	10/13/2017	63
NEWCOM	192A	NEWCOMB STREET - 192	DEAD END WEST OF FRYER CREEK	BROADWAY	2	R - Residential/Local	1521	28	42588	A - AC	10/13/2017	26
NEWCOM	192B	NEWCOMB STREET - 192	BROADWAY	HIGH SCHOOL PARKING LOT	3	R - Residential/Local	300	41	12300	A - AC	10/13/2017	100
NICOLI	181	NICOLI LANE - 181	FOURTH STREET WEST	CUL DE SAC	2	R - Residential/Local	563	32	18016	A - AC	10/13/2017	69
NORRBO	210	NORRBOMM ROAD - 210	MOUNTAIN CEMETERY ROAD	2500' N. OF MTN. CEMETERY ROAD	2	R - Residential/Local	2500	20	50000	O - AC/AC	10/13/2017	10
OAK	147A	OAK LANE - 147	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	630	32	20160	A - AC	10/13/2017	90
OAK	147B	OAK LANE - 147	CHASE STREET	CUL DE SAC	2	R - Residential/Local	428	32	13696	A - AC	10/13/2017	100
OAK	147C	OAK LANE - 147	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	33	20064	A - AC	10/13/2017	76
OFARRE	241	OFARREL COURT - 241	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	115	33	3795	A - AC	10/13/2017	75
OREGON	219A	OREGON STREET - 219	STUDLEY STREET	SEVENTH STREET WEST	2	R - Residential/Local	1222	37	45214	O - AC/AC	10/13/2017	60
OREGON	219B	OREGON STREET - 219	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	2	R - Residential/Local	591	37	21867	O - AC/AC	10/13/2017	95
OREGON	219C	OREGON STREET - 219	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	478	33	15774	A - AC	10/13/2017	16
ORTEGA	226	ORTEGA COURT - 226	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	141	33	4653	A - AC	10/13/2017	73
OSENDA	234	OSENDA COURT - 234	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	105	64	6720	A - AC	10/13/2017	73
PALOU	221	PALOU STREET - 221	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	2	R - Residential/Local	359	33	11847	A - AC	10/13/2017	49
PATTEN	152A	PATTEN STREET - 152	BROADWAY	AUSTIN STREET	2	C - Collector	588	30	17640	O - AC/AC	10/13/2017	95
PATTEN	152B	PATTEN STREET - 152	AUSTIN STREET	SECOND STREET EAST	2	C - Collector	352	22	7744	A - AC	10/13/2017	70
PATTEN	152C	PATTEN STREET - 152	SECOND STREET EAST	OAK LANE	2	C - Collector	754	25	18850	A - AC	10/13/2017	78
PATTEN	152D	PATTEN STREET - 152	OAK LANE	FOURTH STREET EAST	2	C - Collector	510	25	12750	A - AC	10/13/2017	76
PATTEN	152E	PATTEN STREET - 152	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	638	25	15950	A - AC	10/13/2017	74
PATTEN	152F	PATTEN STREET - 152	FIFTH STREET EAST	CHARLES VAN DAMME WAY	2	R - Residential/Local	355	46	16330	A - AC	10/13/2017	70
PEARCE	244	PEARCE DRIVE - 244	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	10/13/2017	100
PEARTR	142	PEAR TREE COURT - 142	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	223	29	6467	A - AC	10/13/2017	62

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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
PERKIN	168A	PERKINS STREET - 168	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	301	32	9632	A - AC	10/13/2017	72
PERKIN	168B	PERKINS STREET - 168	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	596	32	19072	A - AC	10/13/2017	75
PICKET	197	PICKETT STREET - 197	CLAY STREET	FRYER CREEK DRIVE	2	R - Residential/Local	862	33	28446	A - AC	10/13/2017	2
PINA AV	154	PINA AVENUE - 154	DEWELL DRIVE	LARKIN DRIVE	2	R - Residential/Local	328	33	10824	A - AC	10/13/2017	64
PUEBLA	157A	PUEBLO AVENUE - 157	TEMP DEAD END S	BROCKMAN LANE	2	R - Residential/Local	110	30	3300	A - AC	10/13/2017	93
QUEDO	126	QUEDO COURT - 126	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	161	27	4347	A - AC	10/13/2017	65
RAYCT	141	RAY COURT - 141	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	183	29	5307	A - AC	10/13/2017	84
ROBINR	222A	ROBINSON ROAD - 222	PALOU STREET	LASUEN STREET	2	R - Residential/Local	626	33	20658	A - AC	10/13/2017	85
ROBINR	222B	ROBINSON ROAD - 222	LASUEN STREET	150' NORTH OF FANO LANE	2	R - Residential/Local	1149	33	37917	A - AC	10/13/2017	83
ROBINS	177	ROBINSON STREET - 177	THE VILLAGE GREEN	THIRD STREET WEST	2	R - Residential/Local	321	33	10593	A - AC	10/13/2017	61
ROSALI	205	ROSALIE DRIVE - 205	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	642	30	19260	A - AC	10/13/2017	70
SANLOR	255	SAN LORENZO COURT - 255	EAST NAPA ST	CUL-DE-SAC	2	R - Residential/Local	700	30	21000	A - AC	10/13/2017	95
SAUNDE	245	SAUNDERS DRIVE - 245	BROCKMAN LANE	FIFTH STREET EAST	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	78
SECOND	170A	SECOND STREET WEST - 170	WEST MACARTHUR STREET	ROAD WIDENS	2	C - Collector	342	31	10602	A - AC	10/13/2017	70
SECOND	170B	SECOND STREET WEST - 170	ROAD WIDENS	ANDRIEUX STREET	2	C - Collector	744	38	28272	A - AC	10/13/2017	67
SECOND	170C	SECOND STREET WEST - 170	ANDRIEUX STREET	WEST NAPA STREET	2	C - Collector	1464	38	55632	A - AC	10/13/2017	73
SECOND	170D	SECOND STREET WEST - 170	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	616	29	17864	A - AC	10/13/2017	95
SECONE	101A	SECOND STREET EAST - 101	EAST MACARTHUR	CHASE STREET	2	C - Collector	628	32	20096	A - AC	10/13/2017	64
SECONE	101A1	SECOND STREET EAST - 101	MACARTHUR LANE	EAST MACARTHUR STREET	2	R - Residential/Local	239	32	7648	A - AC	10/13/2017	80
SECONE	101B	SECOND STREET EAST - 101	CHASE STREET	FRANCE STREET	2	C - Collector	660	32	21120	A - AC	10/13/2017	76
SECONE	101C	SECOND STREET EAST - 101	FRANCE STREET	PATTEN STREET	2	C - Collector	643	32	20576	A - AC	10/13/2017	67
SECONE	101D	SECOND STREET EAST - 101	PATTEN STREET	EAST NAPA STREET	2	C - Collector	652	32	20864	A - AC	10/13/2017	69
SECONE	101D1	SECOND STREET EAST - 101	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	611	33	20163	A - AC	10/13/2017	55
SECONE	101E	SECOND STREET EAST - 101	EAST SPAIN STREET	HOUSE #327	2	C - Collector	401	23	9223	A - AC	10/13/2017	62
SECONE	101F	SECOND STREET EAST - 101	HOUSE #327	HIKING PATH	2	C - Collector	290	33	9570	A - AC	10/13/2017	82

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SECONE	101G	SECOND STREET EAST - 101	HIKING PATH	BLUE WING DR	2	C - Collector	983	30	29490	A - AC	10/13/2017	78
SECONE	101H	SECOND STREET EAST - 101	BLUE WING DRIVE	HOUSE #80	2	R - Residential/Local	290	34	9860	A - AC	10/13/2017	64
SECONE	101I	SECOND STREET EAST - 101	HOUSE #80	CYPRESS STREET (PRIVATE)	2	R - Residential/Local	350	34	11900	A - AC	10/13/2017	75
SEREN	125	SERENO COURT - 125	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	172	27	4644	A - AC	10/13/2017	63
SEVENW	175A	SEVENTH STREET WEST - 175	CURTIN LANE	OREGON STREET	2	R - Residential/Local	239	37	8843	O - AC/AC	10/13/2017	95
SEVENW	175B	SEVENTH STREET WEST - 175	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	301	37	11137	O - AC/AC	10/13/2017	95
SEVENW	175C	SEVENTH STREET WEST - 175	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	319	37	11803	O - AC/AC	10/13/2017	95
SEVENW	175D	SEVENTH STREET WEST - 175	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	663	37	24531	A - AC	10/13/2017	25
SHERMA	230	SHERMAN COURT - 230	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	10/13/2017	100
SIXTHE	100	SIXTH STREET EAST - 250	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	2	R - Residential/Local	900	36	32400	A - AC	10/13/2017	100
SIXTHW	174A	SIXTH STREET WEST - 174	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	307	37	11359	O - AC/AC	10/13/2017	95
SIXTHW	174B	SIXTH STREET WEST - 174	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	311	37	11507	A - AC	10/13/2017	7
SPAINE	105A	EAST SPAIN STREET - 105	FIRST STREET WEST	FIRST STREET EAST	2	R - Residential/Local	624	60	37440	O - AC/AC	10/13/2017	77
SPAINE	105B	EAST SPAIN STREET - 105	FIRST STREET EAST	SECOND STREET EAST	2	R - Residential/Local	655	37	24235	O - AC/AC	10/13/2017	62
SPAINE	105C	EAST SPAIN STREET - 105	SECOND STREET EAST	FOURTH STREET EAST	2	R - Residential/Local	1247	37	46139	O - AC/AC	10/13/2017	72
SPAINW	204A	WEST SPAIN STREET - 204	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	2	A - Arterial	903	37	33411	O - AC/AC	10/13/2017	75
SPAINW	204B	WEST SPAIN STREET - 204	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	2	A - Arterial	1306	37	48322	O - AC/AC	10/13/2017	73
SPAINW	204C	WEST SPAIN STREET - 204	FIFTH STREET WEST	FOURTH STREET WEST	2	A - Arterial	669	37	24753	O - AC/AC	10/13/2017	85
SPAINW	204D	WEST SPAIN STREET - 204	FOURTH STREET WEST	THIRD STREET WEST	2	A - Arterial	668	37	24716	A - AC	10/13/2017	95
SPAINW	204E	WEST SPAIN STREET - 204	THIRD STREET WEST	SECOND STREET WEST	2	A - Arterial	650	37	24050	O - AC/AC	10/13/2017	65
SPAINW	204G	WEST SPAIN STREET - 204	SECOND STREET WEST	FIRST STREET WEST	2	A - Arterial	652	37	24124	O - AC/AC	10/13/2017	95
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	10/13/2017	95
STUDLE	220A1	STUDLEY STREET - 220	OREGON ST	300' W OF 7TH ST W AT #790	2	R - Residential/Local	600	37	22200	A - AC	10/13/2017	65

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STUDLE	220B	STUDLEY STREET - 220	SEVENTH STREET WEST	SIXTH STREET WEST	2	R - Residential/Local	411	37	15207	O - AC/AC	10/13/2017	95
STUDLE	220C1	STUDLEY STREET - 220	SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	629	37	22273	A - AC	10/13/2017	88
THIRDE	149A	THIRD STREET EAST - 149	CHASE STREET	CUL DE SAC	2	R - Residential/Local	403	32	12896	O - AC/AC	10/13/2017	53
THIRDE	149B	THIRD STREET EAST - 149	PATTEN STREET	200' NORTH OF PATTEN STREET	2	R - Residential/Local	200	32	6400	O - AC/AC	10/13/2017	94
THIRDE	149C	THIRD STREET EAST - 149	200' NORTH OF PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	431	20	8620	O - AC/AC	10/13/2017	100
THIRDW	171A	THIRD STREET WEST - 171	ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	390	34	13260	O - AC/AC	10/13/2017	95
THIRDW	171B	THIRD STREET WEST - 171	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	264	37	9768	O - AC/AC	10/13/2017	73
THIRDW	171C	THIRD STREET WEST - 171	ANDRIEUX STREET	ROBINSON STREET	2	C - Collector	896	37	33152	O - AC/AC	10/13/2017	94
THIRDW	171D	THIRD STREET WEST - 171	ROBINSON STREET	WEST NAPA STREET	2	C - Collector	549	40	21960	O - AC/AC	10/13/2017	70
THIRDW	171E	THIRD STREET WEST - 171	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	609	38	23142	A - AC	10/13/2017	95
TODDAV	200	TODD AVENUE - 200	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	2	R - Residential/Local	477	33	15741	A - AC	10/13/2017	86
TOWNE	128	TOWNE STREET - 128	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	892	33	29436	A - AC	10/13/2017	68
TRONAD	127	TRONADO COURT - 127	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	119	33	3927	A - AC	10/13/2017	48
VASQUE	229	VASQUEZ COURT - 229	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	139	33	4587	A - AC	10/13/2017	82
VERANO	239	VERANO AVENUE - 239	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	2	A - Arterial	1455	37	53835	A - AC	10/13/2017	100
VIGNA	178	VIGNA STREET - 178	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	182	23	4186	A - AC	10/13/2017	50
VIRGIN	144	VIRGINIA COURT - 144	CHASE STREET	CUL DE SAC	2	R - Residential/Local	436	33	14388	A - AC	10/13/2017	95
VISCHE	148	VISCHER COURT - 148	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	218	32	6976	A - AC	10/13/2017	21
WALNUT	115	WALNUT STREET - 115	FOURTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	624	26	16224	A - AC	10/13/2017	100
WHITEB	213	WHITE BRIAR DRIVE - 213	GARLAND AVENUE	HEATHER LANE	2	R - Residential/Local	567	33	18711	O - AC/AC	10/13/2017	85
WILKIN	108A	WILKING WAY - 108	LOVALL VALLEY ROAD	GREVE LANE	2	R - Residential/Local	651	33	21483	A - AC	10/13/2017	67
WILKIN	108B	WILKING WAY - 108	GREVE LANE	CUL DE SAC	2	R - Residential/Local	236	33	7788	A - AC	10/13/2017	64
WILLIA	116	WILLIAM CUNNINGHAM AVENUE - 116	CHARLES VAN DAMME	EAST DEAD END	2	R - Residential/Local	749	33	24717	A - AC	10/13/2017	65
YORKCT	146	YORK COURT - 146	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	408	33	13464	A - AC	10/13/2017	100
YOUNT	131	YOUNT STREET - 131	KNIGHT STREET	CUL DE SAC	2	R - Residential/Local	266	33	8778	A - AC	10/13/2017	54

## 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
BERRYE	186	BERRYESSA DRIVE - 186	LA QUINTA	EVANS AVENUE	2	R - Residential/Local	416	33	13728	A - AC	10/13/2017	100
BLUEWI	102	BLUE WING DRIVE - 102	FIRST STREET EAST	SECOND STREET EAST	2	C - Collector	628	32	20096	A - AC	10/13/2017	100
CHARLE	114B	CHARLES VAN DAMME WAY - 114	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	2	R - Residential/Local	1436	48	68928	A - AC	10/13/2017	100
CHASES	119E	CHASE STREET - 119	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	399	33	13167	A - AC	10/13/2017	100
CONTEN	123	CONTENTO COURT - 123	CORDILLERAS DRIVE	CUL DE SAC	2	R - Residential/Local	202	27	5454	A - AC	10/13/2017	100
CURTIN	218B	CURTIN LANE - 218	HOUSE #601	FIFTH STREET WEST	2	R - Residential/Local	603	33	19899	O - AC/AC	10/13/2017	100
DONNER	150B	DONNER AVENUE - 150	CHASE STREET	DEAD END	2	R - Residential/Local	312	32	9984	O - AC/AC	10/13/2017	100
MACARE	133B	EAST MACARTHUR STREET - 133	AUSTIN STREET	THIRD STREET EAST	2	C - Collector	988	37	36556	O - AC/AC	10/13/2017	100
MALET	184A	MALET STREET - 184	NEWCOMB ST	MALET ST BULBOUT	2	R - Residential/Local	951	16	15216	A - AC	10/13/2017	100
MOLLCT	163A	MOLL COURT - 163	EAST SPAIN STREET	END OF TANGENT	2	R - Residential/Local	315	26	8190	A - AC	10/13/2017	100
MOLLCT	163B	MOLL COURT - 163	END OF TANGENT	EAST DEAD END	2	R - Residential/Local	150	59	8850	A - AC	10/13/2017	100
NEWCOM	192B	NEWCOMB STREET - 192	BROADWAY	HIGH SCHOOL PARKING LOT	3	R - Residential/Local	300	41	12300	A - AC	10/13/2017	100
OAK	147B	OAK LANE - 147	CHASE STREET	CUL DE SAC	2	R - Residential/Local	428	32	13696	A - AC	10/13/2017	100
PEARCE	244	PEARCE DRIVE - 244	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	10/13/2017	100
SHERMA	230	SHERMAN COURT - 230	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	10/13/2017	100
SIXTHE	100	SIXTH STREET EAST - 250	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	2	R - Residential/Local	900	36	32400	A - AC	10/13/2017	100
THIRDE	149C	THIRD STREET EAST - 149	200' NORTH OF PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	431	20	8620	O - AC/AC	10/13/2017	100
VERANO	239	VERANO AVENUE - 239	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	2	A - Arterial	1455	37	53835	A - AC	10/13/2017	100
WALNUT	115	WALNUT STREET - 115	FOURTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	624	26	16224	A - AC	10/13/2017	100
YORKCT	146	YORK COURT - 146	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	408	33	13464	A - AC	10/13/2017	100
BETTEN	179A	BETTENCOURT STREET - 179	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	611	32	19552	O - AC/AC	10/13/2017	95
BETTEN	179B	BETTENCOURT STREET - 179	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	649	34	22066	O - AC/AC	10/13/2017	95
BETTEN	179C	BETTENCOURT STREET - 179	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	643	34	21862	O - AC/AC	10/13/2017	95
BRAZIL	110	BRAZIL STREET - 110	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	2	R - Residential/Local	607	16	9712	S - ST	10/13/2017	95
CARSON	231	CARSON COURT - 231	LASUEN STREET	CUL DE SAC	2	R - Residential/Local	193	33	6369	A - AC	10/13/2017	95



## 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
CHURCH	203A	CHURCH STREET - 203	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	631	32	20192	O - AC/AC	10/13/2017	95
CURTIN	218A	CURTIN LANE - 218	SEVENTH STREET WEST	HOUSE #601	2	R - Residential/Local	351	33	11583	O - AC/AC	10/13/2017	95
DONNER	150	DONNER AVENUE - 150	MACARTHUR LANE	EAST MACARTHUR AVENUE	2	R - Residential/Local	250	26	6500	A - AC	10/13/2017	95
ESTECT	136	ESTE MADERA COURT - 136	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	302	27	8154	A - AC	10/13/2017	95
ESTEDR	134B	ESTE MADERA DRIVE - 134	ESTE MADERA LANE	END OF LOOP	2	R - Residential/Local	1044	33	34452	A - AC	10/13/2017	95
ESTEDR	134C	ESTE MADERA DRIVE - 134	ESTE MADERA DRIVE	CUL DE SAC	2	R - Residential/Local	396	33	13068	A - AC	10/13/2017	95
FOURTE	112P	FOURTH STREET EAST - 112	150' SOUTH OF LUCCA COURT	BRAZIL STREET	2	C - Collector	1039	28	27296	A - AC	10/13/2017	95
FOURTW	172C	FOURTH STREET WEST - 172	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	265	37	9805	A - AC	10/13/2017	95
FRANCE	151A	FRANCE STREET - 151	BROADWAY	SECOND STREET	2	C - Collector	919	32	29408	A - AC	10/13/2017	95
FRANCE	151C	FRANCE STREET - 151	OAK LANE	FOURTH STREET EAST	2	C - Collector	491	35	17185	A - AC	10/13/2017	95
HAYES	209A	HAYES STREET - 209	BEG. OF PAVEMENT	ROAD WIDENS	2	R - Residential/Local	294	16	4704	A - AC	10/13/2017	95
LEVERO	160C	LEVERONI ROAD - 160	234' WEST OF BROADWAY	BROADWAY	2	A - Arterial	234	38	8892	O - AC/AC	10/13/2017	95
LYONLA	254	LYON LANE - 254	SONOMA HWY	PALOU ST	2	R - Residential/Local	290	30	8700	A - AC	10/13/2017	95
MALET	184B	MALET STREET - 184	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	277	30	8310	O - AC/AC	10/13/2017	95
NAPAE	161A	EAST NAPA STREET - 161	BROADWAY	FIRST STREET EAST	2	A - Arterial	287	69	19803	A - AC	10/13/2017	95
NAPARD	158A	NAPA ROAD - 158	BROADWAY	742' EAST OF BROADWAY	2	A - Arterial	742	40	29680	O - AC/AC	10/13/2017	95
NAPARD	158B	NAPA ROAD - 158	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	2	A - Arterial	1197	32	38304	O - AC/AC	10/13/2017	95
OREGON	219B	OREGON STREET - 219	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	2	R - Residential/Local	591	37	21867	O - AC/AC	10/13/2017	95
PATTEN	152A	PATTEN STREET - 152	BROADWAY	AUSTIN STREET	2	C - Collector	588	30	17640	O - AC/AC	10/13/2017	95
SANLOR	255	SAN LORENZO COURT - 255	EAST NAPA ST	CUL-DE-SAC	2	R - Residential/Local	700	30	21000	A - AC	10/13/2017	95
SECOND	170D	SECOND STREET WEST - 170	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	616	29	17864	A - AC	10/13/2017	95
SEVENW	175A	SEVENTH STREET WEST - 175	CURTIN LANE	OREGON STREET	2	R - Residential/Local	239	37	8843	O - AC/AC	10/13/2017	95
SEVENW	175B	SEVENTH STREET WEST - 175	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	301	37	11137	O - AC/AC	10/13/2017	95
SEVENW	175C	SEVENTH STREET WEST - 175	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	319	37	11803	O - AC/AC	10/13/2017	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
SIXTHW	174A	SIXTH STREET WEST - 174	OREGON STREET	STUDLEY STREET	2	R - Residential/Local	307	37	11359	O - AC/AC	10/13/2017	95
SPAINW	204D	WEST SPAIN STREET - 204	FOURTH STREET WEST	THIRD STREET WEST	2	A - Arterial	668	37	24716	A - AC	10/13/2017	95
SPAINW	204G	WEST SPAIN STREET - 204	SECOND STREET WEST	FIRST STREET WEST	2	A - Arterial	652	37	24124	O - AC/AC	10/13/2017	95
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	10/13/2017	95
STUDLE	220B	STUDLEY STREET - 220	SEVENTH STREET WEST	SIXTH STREET WEST	2	R - Residential/Local	411	37	15207	O - AC/AC	10/13/2017	95
THIRDW	171A	THIRD STREET WEST - 171	ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	390	34	13260	O - AC/AC	10/13/2017	95
THIRDW	171E	THIRD STREET WEST - 171	WEST NAPA STREET	WEST SPAIN STREET	2	C - Collector	609	38	23142	A - AC	10/13/2017	95
VIRGIN	144	VIRGINIA COURT - 144	CHASE STREET	CUL DE SAC	2	R - Residential/Local	436	33	14388	A - AC	10/13/2017	95
THIRDE	149B	THIRD STREET EAST - 149	PATTEN STREET	200' NORTH OF PATTEN STREET	2	R - Residential/Local	200	32	6400	O - AC/AC	10/13/2017	94
THIRDW	171C	THIRD STREET WEST - 171	ANDRIEUX STREET	ROBINSON STREET	2	C - Collector	896	37	33152	O - AC/AC	10/13/2017	94
BAUDIN	252	BAUDIN WAY - 252	CASA BONNE LN	DEAD END	2	R - Residential/Local	186	20	3720	A - AC	10/13/2017	93
CASABO	251	CASA BONNE LANE - 251	4TH ST WEST	BAUDIN WAY	2	R - Residential/Local	336	20	6720	A - AC	10/13/2017	93
FIRSTE	100B	FIRST STREET EAST - 100	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	608	65	39520	A - AC	10/13/2017	93
FIRSTW	169H	FIRST STREET WEST - 169	WEST SPAIN STREET	HOUSE #344	2	A - Arterial	387	38	14706	A - AC	10/13/2017	93
FOURTE	112H	FOURTH STREET EAST - 112	EAST NAPA STREET	NATHANSON CREEK	2	A - Arterial	504	28	14112	A - AC	10/13/2017	93
JUNIPE	223B	JUNIPERO SERRA DRIVE - 223	LASUEN STREET	VASQUEZ COURT	2	R - Residential/Local	567	37	20979	O - AC/AC	10/13/2017	93
MACARL	249	MACARTHUR LANE - 249	SECOND STREET EAST	CUL DE SAC	2	R - Residential/Local	518	29	15022	A - AC	10/13/2017	93
PUEBLA	157A	PUEBLO AVENUE - 157	TEMP DEAD END S	BROCKMAN LANE	2	R - Residential/Local	110	30	3300	A - AC	10/13/2017	93
ESTEDR	134A	ESTE MADERA DRIVE - 134	EAST MACARTHUR STREET	ESTE MADERA LANE	2	R - Residential/Local	797	33	26301	A - AC	10/13/2017	92
BROCKM	137A	BROCKMAN DRIVE - 137	DENMARK STREET	CUL DE SAC	2	R - Residential/Local	664	33	21912	A - AC	10/13/2017	91
INGRAM	242	INGRAM DRIVE - 242	ENGLER STREET	DEAD END	2	R - Residential/Local	750	26	19500	A - AC	10/13/2017	91
JOAQUI	224B	JOAQUIN DRIVE - 224	100' SOUTH OF MITCHELL WAY	LASUEN STREET	2	R - Residential/Local	546	33	18018	A - AC	10/13/2017	91
JUNIPE	223C	JUNIPERO SERRA DRIVE - 223	VASQUEZ COURT	FANO LANE	2	R - Residential/Local	379	37	14023	O - AC/AC	10/13/2017	91
LEECT	183	LEE COURT - 183	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	159	42	6678	A - AC	10/13/2017	91

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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
MACARE	133C	EAST MACARTHUR STREET - 133	THIRD STREET EAST	FIFTH STREET EAST	2	C - Collector	1315	36	47340	A - AC	10/13/2017	91
JUNIPE	223A	JUNIPERO SERRA DRIVE - 223	WEST SPAIN STREET	LASUEN STREET	2	R - Residential/Local	897	37	33189	O - AC/AC	10/13/2017	90
OAK	147A	OAK LANE - 147	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	630	32	20160	A - AC	10/13/2017	90
FOURTW	172H	FOURTH STREET WEST - 172	WEST SPAIN ST	300' N OF CASA BONNE	2	R - Residential/Local	580	30	17400	A - AC	10/13/2017	89
FRANCE	151B	FRANCE STREET - 151	SECOND STREET	OAK LANE	2	C - Collector	749	35	26215	A - AC	10/13/2017	89
ESELN	135	ESTE MADERA LANE - 135	EAST FIFTH STREET	ESTE MADERA DRIVE	2	R - Residential/Local	232	33	7656	A - AC	10/13/2017	88
FIFTHW	173A2	FIFTH STREET WEST - 173	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	2	A - Arterial	175	49	8575	A - AC	10/13/2017	88
MACARE	133D	EAST MACARTHUR STREET - 133	FIFTH STREET EAST	CORDILLERAS DRIVE	2	C - Collector	821	38	31198	A - AC	10/13/2017	88
STUDLE	220C1	STUDLEY STREET - 220	SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	629	37	22273	A - AC	10/13/2017	88
BROCKM	137C	BROCKMAN DRIVE - 137	JONES STREET	LOT #366/PAVE CHG	2	R - Residential/Local	405	30	12150	A - AC	10/13/2017	87
DANIEL	118	DANIEL YOUNG DRIVE - 118	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	433	37	16021	A - AC	10/13/2017	87
FIFTHW	173A	FIFTH STREET WEST - 173	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	2	A - Arterial	1287	49	63063	A - AC	10/13/2017	87
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	10/13/2017	87
HARRIN	190	HARRINGTON DRIVE - 190	FIFTH STREET WEST	LOT # 440/ PAVE CHG	2	R - Residential/Local	365	26	9490	A - AC	10/13/2017	87
JUNIPE	217	JUNIPER COURT - 217	WHITE BRIAR DRIVE	CUL DE SAC	2	R - Residential/Local	173	27	4671	A - AC	10/13/2017	87
LAQUIN	212	LA QUINTA LANE - 212	FIFTH STREET WEST	BERRYESSA DRIVE	2	R - Residential/Local	636	33	20988	A - AC	10/13/2017	87
LASUEN	235B	LASUEN STREET - 235	JOAQUIN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	919	37	34003	A - AC	10/13/2017	87
NAPAE	161B	EAST NAPA STREET - 161	FIRST STREET EAST	THIRD STREET EAST	2	A - Arterial	1323	38	50274	A - AC	10/13/2017	87
ANDRIE	167E	ANDRIEUX STREET - 167	SECOND STREET WEST	FIRST STREET WEST	2	C - Collector	664	38	25232	O - AC/AC	10/13/2017	86
EASTIN	139	EASTIN DRIVE - 139	DENMARK STREET	FIFTH STREET EAST	2	R - Residential/Local	1308	33	43164	A - AC	10/13/2017	86
EVANS	185	EVANS AVENUE - 185	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	2	R - Residential/Local	602	33	19866	A - AC	10/13/2017	86
FIRSTW	169B	FIRST STREET WEST - 169	HOUSE #20054	MALET STREET	2	R - Residential/Local	354	26	9204	A - AC	10/13/2017	86
FOURTE	112O	FOURTH STREET EAST - 112	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	2	C - Collector	942	32	29648	A - AC	10/13/2017	86

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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
MANOR	189B	MANOR DRIVE - 189	HIKING PATH	WEST MACARTHUR STREET	2	R - Residential/Local	1186	34	40324	A - AC	10/13/2017	86
TODDAV	200	TODD AVENUE - 200	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	2	R - Residential/Local	477	33	15741	A - AC	10/13/2017	86
ARGUEL	238	ARGUELLO COURT - 238	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	249	33	8217	A - AC	10/13/2017	85
BRAGG	211	BRAGG STREET - 211	CLAY STREET	DEAD END NORTH OF COOPER ST	2	R - Residential/Local	335	33	11055	A - AC	10/13/2017	85
CHURCH	203B	CHURCH STREET - 203	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	611	32	19552	A - AC	10/13/2017	85
FIFTHW	173D	FIFTH STREET WEST - 173	WEST NAPA ROAD	WEST SPAIN STREET	2	A - Arterial	619	37	22903	O - AC/AC	10/13/2017	85
FOURTW	172D	FOURTH STREET WEST - 172	ANDRIEUX STREET	NORTH DEAD END	2	R - Residential/Local	445	20	8900	A - AC	10/13/2017	85
HEATHE	214	HEATHER LANE - 214	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	2	R - Residential/Local	496	33	16368	O - AC/AC	10/13/2017	85
ROBINR	222A	ROBINSON ROAD - 222	PALOU STREET	LASUEN STREET	2	R - Residential/Local	626	33	20658	A - AC	10/13/2017	85
SPAINW	204C	WEST SPAIN STREET - 204	FIFTH STREET WEST	FOURTH STREET WEST	2	A - Arterial	669	37	24753	O - AC/AC	10/13/2017	85
WHITEB	213	WHITE BRIAR DRIVE - 213	GARLAND AVENUE	HEATHER LANE	2	R - Residential/Local	567	33	18711	O - AC/AC	10/13/2017	85
FIRSTE	100A	FIRST STREET EAST - 100	PATTEN STREET	EAST NAPA STREET	2	C - Collector	612	34	20808	A - AC	10/13/2017	84
FRYERC	195A	FRYER CREEK DRIVE - 195	LEVERONI ROAD	CLAY STREET	2	R - Residential/Local	691	37	25567	A - AC	10/13/2017	84
MARIAN	225B	MARIANO DRIVE - 240	HOUSE #705	FIFTH STREET WEST	2	R - Residential/Local	955	33	31515	A - AC	10/13/2017	84
RAYCT	141	RAY COURT - 141	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	183	29	5307	A - AC	10/13/2017	84
DAVILA	140	DAVILA COURT - 140	EASTIN DRIVE	CUL DE SAC	2	R - Residential/Local	317	33	10461	A - AC	10/13/2017	83
FANOLN	237B	FANO LANE - 237	JUNIPERO SERRA STREET	FIFTH STREET WEST	2	R - Residential/Local	1157	33	38181	O - AC/AC	10/13/2017	83
GRANTC	187	GRANT COURT - 187	MANOR DRIVE	CUL DE SAC	2	R - Residential/Local	158	34	5372	A - AC	10/13/2017	83
IVYCT	215	IVY COURT - 215	HEATHER LANE	CUL DE SAC	2	R - Residential/Local	213	27	5751	O - AC/AC	10/13/2017	83
ROBINR	222B	ROBINSON ROAD - 222	LASUEN STREET	150' NORTH OF FANO LANE	2	R - Residential/Local	1149	33	37917	A - AC	10/13/2017	83
FIFTHW	173F	FIFTH STREET WEST - 173	CLAUDIA DRIVE	HARASZTHY DRIVE	2	A - Arterial	531	37	19647	O - AC/AC	10/13/2017	82
FIRSTW	169D	FIRST STREET WEST - 169	HOUSE #19995	WEST MACARTHUR STREET	2	R - Residential/Local	305	36	10980	A - AC	10/13/2017	82
MITCHE	236	MITCHELL WAY - 236	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	2	R - Residential/Local	702	33	23166	A - AC	10/13/2017	82
SECONE	101F	SECOND STREET EAST - 101	HOUSE #327	HIKING PATH	2	C - Collector	290	33	9570	A - AC	10/13/2017	82

## 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
VASQUE	229	VASQUEZ COURT - 229	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	139	33	4587	A - AC	10/13/2017	82
ANDRIE	167B	ANDRIEUX STREET - 167	FIFTH STREET WEST	FOURTH STREET WEST	2	C - Collector	611	33	20163	O - AC/AC	10/13/2017	81
CHASES	119A	CHASE STREET - 119	BROADWAY	SECOND STREET EAST	2	C - Collector	901	37	33337	A - AC	10/13/2017	81
CLAYST	159A	CLAY STREET - 159	FRYER CREEK DRIVE	BROADWAY	2	R - Residential/Local	1471	37	54427	A - AC	10/13/2017	81
COOPER	199	COOPER STREET - 199	PICKETT DRIVE	BRAGG STREET	2	R - Residential/Local	589	33	19437	A - AC	10/13/2017	81
DEWELL	156	DEWELL DRIVE - 156	LARKIN DRIVE	FINE AVENUE	2	R - Residential/Local	969	38	36822	A - AC	10/13/2017	81
FIFTHE	143C	FIFTH STREET EAST - 143	EAST MACARTHUR STREET	FRANCE STREET	2	A - Arterial	1247	37	46139	O - AC/AC	10/13/2017	81
FIFTHE	143E	FIFTH STREET EAST - 143	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	660	37	24420	O - AC/AC	10/13/2017	81
FIFTHW	173E	FIFTH STREET WEST - 173	WEST SPAIN STREET	CLAUDIA DRIVE	2	A - Arterial	1111	37	41107	O - AC/AC	10/13/2017	81
FIRSTW	169E	FIRST STREET WEST - 169	WEST MACARTHUR STREET	ANDRIEUX STREET	2	R - Residential/Local	1256	32	40192	A - AC	10/13/2017	81
FOURTW	172A	FOURTH STREET WEST - 172	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	2	R - Residential/Local	646	18	11628	A - AC	10/13/2017	81
HARASZ	208	HARASZTHY DRIVE - 208	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	640	33	21120	A - AC	10/13/2017	81
HAYES	209B	HAYES STREET - 209	ROAD WIDENS	BETTENCOURT STREET	2	R - Residential/Local	187	33	6171	A - AC	10/13/2017	81
LEVERO	160A	LEVERONI ROAD - 160	HIKING PATH	DAVID STREET	2	A - Arterial	650	48	31200	A - AC	10/13/2017	81
MACARE	133E	EAST MACARTHUR STREET - 133	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	2	C - Collector	951	31	29481	A - AC	10/13/2017	81
FIRSTW	169A	FIRST STREET WEST - 169	NEWCOMB STREET	HOUSE #20054	2	R - Residential/Local	291	20	5820	A - AC	10/13/2017	80
FRYERC	195D	FRYER CREEK DRIVE - 195	NEWCOMB STREET	MALET STREET	2	R - Residential/Local	735	33	24255	A - AC	10/13/2017	80
JOAQUI	224C	JOAQUIN DRIVE - 224	LASUEN STREET	FIFTH STREET WEST	2	R - Residential/Local	1395	33	46035	A - AC	10/13/2017	80
LUBECK	201	LUBECK STREET - 201	FRYER CREEK DRIVE	TODD AVENUE	2	R - Residential/Local	417	33	13761	A - AC	10/13/2017	80
MARIAN	225A	MARIANO DRIVE - 240	FANO LANE	HOUSE #705	2	R - Residential/Local	302	33	9966	A - AC	10/13/2017	80
SECONE	101A1	SECOND STREET EAST - 101	MACARTHUR LANE	EAST MACARTHUR STREET	2	R - Residential/Local	239	32	7648	A - AC	10/13/2017	80
FIFTHW	173G	FIFTH STREET WEST - 173	HARASZTHY DRIVE	VERANO AVENUE	2	A - Arterial	956	29	27724	O - AC/AC	10/13/2017	79
FOURTE	112I	FOURTH STREET EAST - 112	NATHANSON CREEK	EAST SPAIN STREET	2	A - Arterial	130	32	4160	A - AC	10/13/2017	79
LEVERO	160B	LEVERONI ROAD - 160	DAVID STREET	234' WEST OF BROADWAY	2	A - Arterial	695	38	26410	A - AC	10/13/2017	79

## 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
LINDA	207A	LINDA DRIVE - 207	MITCHELL WAY	FIFTH STEET WEST	2	R - Residential/Local	591	33	19503	A - AC	10/13/2017	79
ARMSTR	113	ARMSTRONG DRIVE - 113	CHARLES VAN DAMME WAY	EAST NAPA STREET	2	R - Residential/Local	421	46	19366	A - AC	10/13/2017	78
CHASES	119B	CHASE STREET - 119	SECOND STREET EAST	THIRD STREET EAST	2	C - Collector	566	32	18112	A - AC	10/13/2017	78
FIRSTW	169G	FIRST STREET WEST - 169	WEST NAPA STREET	WEST SPAIN STREET	2	A - Arterial	596	60	35760	A - AC	10/13/2017	78
LARKIN	155A	LARKIN DRIVE - 155	NAPA ROAD	DEWELL DRIVE	2	R - Residential/Local	447	38	16986	A - AC	10/13/2017	78
NAPAE	161C	EAST NAPA STREET - 161	THIRD STREET EAST	FOURTH STREET EAST	2	A - Arterial	633	38	24054	A - AC	10/13/2017	78
PATTEN	152C	PATTEN STREET - 152	SECOND STREET EAST	OAK LANE	2	C - Collector	754	25	18850	A - AC	10/13/2017	78
SAUNDE	245	SAUNDERS DRIVE - 245	BROCKMAN LANE	FIFTH STREET EAST	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	78
SECONE	101G	SECOND STREET EAST - 101	HIKING PATH	BLUE WING DR	2	C - Collector	983	30	29490	A - AC	10/13/2017	78
FIFTHW	173B	FIFTH STREET WEST - 173	WEST MACARTHUR STREET	ANDRIEUX STREET	2	A - Arterial	1134	49	55566	O - AC/AC	10/13/2017	77
JONES	243A	JONES STREET - 243	NAPA ROAD	100' SOUTH OF BROCKMAN DR	2	R - Residential/Local	290	24	6960	A - AC	10/13/2017	77
LARKIN	155B	LARKIN DRIVE - 155	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	2	R - Residential/Local	811	38	30818	A - AC	10/13/2017	77
MACARE	133A	EAST MACARTHUR STREET - 133	BROADWAY	AUSTIN STREET	2	C - Collector	573	38	21774	O - AC/AC	10/13/2017	77
NAPAE	161E	EAST NAPA STREET - 161	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	2	R - Residential/Local	1159	30	34770	O - AC/AC	10/13/2017	77
SPAINE	105A	EAST SPAIN STREET - 105	FIRST STREET WEST	FIRST STREET EAST	2	R - Residential/Local	624	60	37440	O - AC/AC	10/13/2017	77
ANDRIE	167E2	ANDRIEUX STREET - 167	FIRST STREET WEST	BROADWAY	2	C - Collector	332	38	12616	O - AC/AC	10/13/2017	76
ANDRIE	167A	ANDRIEUX STREET - 167	CUL DE SAC	FIFTH STREET	2	R - Residential/Local	1242	39	48438	O - AC/AC	10/13/2017	76
BERRYE	188	BERRYESSA COURT - 188	BERRYESSA DRIVE	CUL DE SAC	2	R - Residential/Local	126	33	4158	A - AC	10/13/2017	76
CORDIL	124B	CORDILLERAS DRIVE - 124	AVENUE DEL ORO	PRIVATE DRIVE	2	R - Residential/Local	297	33	9801	A - AC	10/13/2017	76
FOURTE	112A	FOURTH STREET EAST - 112	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	624	32	19968	O - AC/AC	10/13/2017	76
KNIGHT	132	KNIGHT STREET - 132	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	887	33	29271	A - AC	10/13/2017	76
LASUEN	235A	LASUEN STREET - 235	ROBINSON ROAD	JOAQUIN DRIVE	2	R - Residential/Local	603	37	22311	A - AC	10/13/2017	76
MACARW	182A	WEST MACARTHUR STREET - 182	WEST DEAD END	FIFTH STREET WEST	2	R - Residential/Local	1061	39	41379	A - AC	10/13/2017	76
OAK	147C	OAK LANE - 147	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	33	20064	A - AC	10/13/2017	76

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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
PATTEN	152D	PATTEN STREET - 152	OAK LANE	FOURTH STREET EAST	2	C - Collector	510	25	12750	A - AC	10/13/2017	76
SECONE	101B	SECOND STREET EAST - 101	CHASE STREET	FRANCE STREET	2	C - Collector	660	32	21120	A - AC	10/13/2017	76
AVENUE	120C	AVENUE DEL ORO - 120	HOUSE #693	APPLETON WAY	2	R - Residential/Local	331	33	10923	A - AC	10/13/2017	75
FOURTE	112C	FOURTH STREET EAST - 112	PATTEN STREET	EAST NAPA STREET	2	R - Residential/Local	636	29	18444	A - AC	10/13/2017	75
MACARW	182B	WEST MACARTHUR STREET - 182	FIFTH STREET WEST	MANOR DRIVE	2	C - Collector	1014	37	37518	O - AC/AC	10/13/2017	75
OFARRE	241	OFARREL COURT - 241	ROBINSON ROAD	CUL DE SAC	2	R - Residential/Local	115	33	3795	A - AC	10/13/2017	75
PERKIN	168B	PERKINS STREET - 168	THIRD STREET WEST	SECOND STREET WEST	2	R - Residential/Local	596	32	19072	A - AC	10/13/2017	75
SECONE	101I	SECOND STREET EAST - 101	HOUSE #80	CYPRESS STREET (PRIVATE)	2	R - Residential/Local	350	34	11900	A - AC	10/13/2017	75
SPAINW	204A	WEST SPAIN STREET - 204	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	2	A - Arterial	903	37	33411	O - AC/AC	10/13/2017	75
BEASLE	194	BEASLEY WAY - 194	NEWCOMB STREET	COX STREET	2	R - Residential/Local	969	37	35853	A - AC	10/13/2017	74
BROCKM	137B	BROCKMAN DRIVE - 137	CUL DE SAC/BULB	LOT #366/PAVE CHG	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	74
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	10/13/2017	74
LINDA	207B	LINDA DRIVE - 207	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	646	33	21318	A - AC	10/13/2017	74
LUCCAC	111	LUCCA COURT - 111	FOURTH STREET EAST	CUL DE SAC	2	R - Residential/Local	258	33	8514	A - AC	10/13/2017	74
MARIAN	225	MARIANO COURT - 225	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	198	33	6534	A - AC	10/13/2017	74
PATTEN	152E	PATTEN STREET - 152	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	638	25	15950	A - AC	10/13/2017	74
CHARLE	114A	CHARLES VAN DAMME WAY - 114	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	2	R - Residential/Local	451	33	14883	A - AC	10/13/2017	73
FIFTHE	143A	FIFTH STREET EAST - 143	DENMARK STREET	ESTE MADERA LANE	2	A - Arterial	603	30	18090	O - AC/AC	10/13/2017	73
FOURTW	172B	FOURTH STREET WEST - 172	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	2	R - Residential/Local	145	37	5365	A - AC	10/13/2017	73
ORTEGA	226	ORTEGA COURT - 226	MARIANO DRIVE	CUL DE SAC	2	R - Residential/Local	141	33	4653	A - AC	10/13/2017	73
OSENDA	234	OSENDA COURT - 234	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	105	64	6720	A - AC	10/13/2017	73
SECOND	170C	SECOND STREET WEST - 170	ANDRIEUX STREET	WEST NAPA STREET	2	C - Collector	1464	38	55632	A - AC	10/13/2017	73
SPAINW	204B	WEST SPAIN STREET - 204	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	2	A - Arterial	1306	37	48322	O - AC/AC	10/13/2017	73

## 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
THIRDW	171B	THIRD STREET WEST - 171	BETTENCOURT STREET	ANDRIEUX STREET	2	R - Residential/Local	264	37	9768	O - AC/AC	10/13/2017	73
CLAUDI	206	CLAUDIA DRIVE - 206	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	641	31	19871	A - AC	10/13/2017	72
DENMAR	138A	DENMARK STREET - 138	DEAD END WEST OF BROCKMAN DR	GARRY LANE	2	R - Residential/Local	537	33	17721	A - AC	10/13/2017	72
FIFTHE	143D	FIFTH STREET EAST - 143	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	684	37	25308	O - AC/AC	10/13/2017	72
MERRIT	228	MERRITT COURT - 228	JUNIPERO SERRA DRIVE	CUL DE SAC	2	R - Residential/Local	179	33	5907	A - AC	10/13/2017	72
MONTIN	253	MONTINI LANE - 253	4TH ST WEST	5TH ST WEST	2	R - Residential/Local	630	30	18900	A - AC	10/13/2017	72
NAPAE	161D	EAST NAPA STREET - 161	FOURTH STREET EAST	FIFTH STREET EAST	2	A - Arterial	664	38	25232	A - AC	10/13/2017	72
PERKIN	168A	PERKINS STREET - 168	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	301	32	9632	A - AC	10/13/2017	72
SPAINE	105C	EAST SPAIN STREET - 105	SECOND STREET EAST	FOURTH STREET EAST	2	R - Residential/Local	1247	37	46139	O - AC/AC	10/13/2017	72
ANDRIE	167D	ANDRIEUX STREET - 167	THIRD STREET WEST	SECOND STREET WEST	2	C - Collector	641	38	24358	O - AC/AC	10/13/2017	71
DONNER	150A	DONNER AVENUE - 150	EAST MACARTHUR AVENUE	CHASE STREET	2	R - Residential/Local	626	32	20032	O - AC/AC	10/13/2017	71
FIRSTE	100C	FIRST STREET EAST - 100	EAST SPAIN STREET	HIKING PATH	2	C - Collector	771	35	26985	A - AC	10/13/2017	71
JUNIPE	223D	JUNIPERO SERRA DRIVE - 223	FANO LANE	VERANO AVENUE	2	R - Residential/Local	702	37	25974	O - AC/AC	10/13/2017	71
NATALI	233	NATALINA COURT - 233	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	111	64	7104	A - AC	10/13/2017	71
CHASES	119D	CHASE STREET - 119	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	32	20192	A - AC	10/13/2017	70
DONNER	150C	DONNER AVENUE - 150	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	608	32	19456	A - AC	10/13/2017	70
EDACT	232	EDA COURT - 232	JOAQUIN DRIVE	CUL DE SAC	2	R - Residential/Local	130	20	2600	A - AC	10/13/2017	70
FIFTHE	143B	FIFTH STREET EAST - 143	ESTE MADERA LANE	EAST MACARTHUR STREET	2	A - Arterial	683	27	18441	O - AC/AC	10/13/2017	70
FIRSTW	169C	FIRST STREET WEST - 169	MALET STREET	HOUSE #19995	2	R - Residential/Local	337	20	6740	A - AC	10/13/2017	70
FOURTW	172E	FOURTH STREET WEST - 172	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	604	37	22348	A - AC	10/13/2017	70
PATTEN	152B	PATTEN STREET - 152	AUSTIN STREET	SECOND STREET EAST	2	C - Collector	352	22	7744	A - AC	10/13/2017	70
PATTEN	152F	PATTEN STREET - 152	FIFTH STREET EAST	CHARLES VAN DAMME WAY	2	R - Residential/Local	355	46	16330	A - AC	10/13/2017	70
ROSALI	205	ROSALIE DRIVE - 205	FIFTH STREET WEST	FOURTH STREET WEST	2	R - Residential/Local	642	30	19260	A - AC	10/13/2017	70
SECOND	170A	SECOND STREET WEST - 170	WEST MACARTHUR STREET	ROAD WIDENS	2	C - Collector	342	31	10602	A - AC	10/13/2017	70



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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	171D	THIRD STREET WEST - 171	ROBINSON STREET	WEST NAPA STREET	2	C - Collector	549	40	21960	O - AC/AC	10/13/2017	70
CORDIL	124A	CORDILLERAS DRIVE - 124	MACARTHUR STREET	AVENUE DEL ORO	2	R - Residential/Local	552	33	18216	A - AC	10/13/2017	69
GREVEL	109	GREVE LANE - 109	FOURTH STREET EAST	WILKING WAY	2	R - Residential/Local	449	33	14817	A - AC	10/13/2017	69
HUDSON	145	HUDSON COURT - 145	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	371	33	12243	A - AC	10/13/2017	69
MACARW	182C	WEST MACARTHUR STREET - 182	MANOR DRIVE	SECOND STREET WEST	2	C - Collector	883	37	32671	O - AC/AC	10/13/2017	69
MACARW	182D	WEST MACARTHUR STREET - 182	SECOND STREET WEST	BROADWAY	2	C - Collector	932	37	34484	O - AC/AC	10/13/2017	69
NICOLI	181	NICOLI LANE - 181	FOURTH STREET WEST	CUL DE SAC	2	R - Residential/Local	563	32	18016	A - AC	10/13/2017	69
SECONE	101D	SECOND STREET EAST - 101	PATTEN STREET	EAST NAPA STREET	2	C - Collector	652	32	20864	A - AC	10/13/2017	69
ARROY	180	ARROYO WAY - 180	FOURTH STREET WEST	THIRD STREET WEST	2	R - Residential/Local	613	32	19616	A - AC	10/13/2017	68
CHASES	119C	CHASE STREET - 119	THIRD STREET EAST	FOURTH STREET EAST	2	C - Collector	676	32	21632	A - AC	10/13/2017	68
COXST	191	COX STREET - 191	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	2	R - Residential/Local	647	37	23939	A - AC	10/13/2017	68
ENGLER	246	ENGLER STREET - 246	BROCKMAN DRIVE	FIFTH STREET WEST	2	R - Residential/Local	1000	26	26000	A - AC	10/13/2017	68
TOWNE	128	TOWNE STREET - 128	EAST MACARTHUR STREET	ELLIOT STREET	2	R - Residential/Local	892	33	29436	A - AC	10/13/2017	68
ADLER	117	ALDER COURT - 117	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	2	R - Residential/Local	243	33	8019	A - AC	10/13/2017	67
FIRSTE	100D	FIRST STREET EAST - 100	HIKING PATH	BLUE WING DRIVE	2	C - Collector	892	41	36572	A - AC	10/13/2017	67
FIRSTW	169F	FIRST STREET WEST - 169	ANDRIEUX STREET	WEST NAPA STREET	2	R - Residential/Local	1245	36	44820	A - AC	10/13/2017	67
MISSIO	103	MISSION TERRACE - 103	FIRST STREET EAST	DEAD END	2	R - Residential/Local	306	27	8262	A - AC	10/13/2017	67
SECOND	170B	SECOND STREET WEST - 170	ROAD WIDENS	ANDRIEUX STREET	2	C - Collector	744	38	28272	A - AC	10/13/2017	67
SECONE	101C	SECOND STREET EAST - 101	FRANCE STREET	PATTEN STREET	2	C - Collector	643	32	20576	A - AC	10/13/2017	67
WILKIN	108A	WILKING WAY - 108	LOVALL VALLEY ROAD	GREVE LANE	2	R - Residential/Local	651	33	21483	A - AC	10/13/2017	67
ANDRIE	167C	ANDRIEUX STREET - 167	FOURTH STREET WEST	THIRD STREET WEST	2	C - Collector	661	33	21813	O - AC/AC	10/13/2017	65
BANCHE	176	BANCHERO STREET - 176	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	215	23	4945	A - AC	10/13/2017	65
FANOLN	237A	FANO LANE - 237	ROBINSON ROAD	JUNIPERO SERRA STREET	2	R - Residential/Local	454	33	14982	O - AC/AC	10/13/2017	65
QUEDO	126	QUEDO COURT - 126	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	161	27	4347	A - AC	10/13/2017	65

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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
SPAINW	204E	WEST SPAIN STREET - 204	THIRD STREET WEST	SECOND STREET WEST	2	A - Arterial	650	37	24050	O - AC/AC	10/13/2017	65
STUDLE	220A1	STUDLEY STREET - 220	OREGON ST	300' W OF 7TH ST W AT #790	2	R - Residential/Local	600	37	22200	A - AC	10/13/2017	65
WILLIA	116	WILLIAM CUNNINGHAM AVENUE - 116	CHARLES VAN DAMME	EAST DEAD END	2	R - Residential/Local	749	33	24717	A - AC	10/13/2017	65
JONES	243	JONES STREET - 243	TEMP DEAD END SOUTH	ENGLER STREET	2	R - Residential/Local	466	26	12116	A - AC	10/13/2017	64
PINAAV	154	PINA AVENUE - 154	DEWELL DRIVE	LARKIN DRIVE	2	R - Residential/Local	328	33	10824	A - AC	10/13/2017	64
SECONE	101A	SECOND STREET EAST - 101	EAST MACARTHUR	CHASE STREET	2	C - Collector	628	32	20096	A - AC	10/13/2017	64
SECONE	101H	SECOND STREET EAST - 101	BLUE WING DRIVE	HOUSE #80	2	R - Residential/Local	290	34	9860	A - AC	10/13/2017	64
WILKIN	108B	WILKING WAY - 108	GREVE LANE	CUL DE SAC	2	R - Residential/Local	236	33	7788	A - AC	10/13/2017	64
FIFTHW	173C	FIFTH STREET WEST - 173	ANDRIEUX STREET	WEST NAPA ROAD	4	A - Arterial	1462	64	93568	O - AC/AC	10/13/2017	63
NEILCT	133	NEIL COURT - 193	BEASLEY WAY	CUL DE SAC	2	R - Residential/Local	208	33	6864	A - AC	10/13/2017	63
SEREN	125	SERENO COURT - 125	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	172	27	4644	A - AC	10/13/2017	63
PEARTR	142	PEAR TREE COURT - 142	FIFTH STREET EAST	CUL DE SAC	2	R - Residential/Local	223	29	6467	A - AC	10/13/2017	62
SECONE	101E	SECOND STREET EAST - 101	EAST SPAIN STREET	HOUSE #327	2	C - Collector	401	23	9223	A - AC	10/13/2017	62
SPAINE	105B	EAST SPAIN STREET - 105	FIRST STREET EAST	SECOND STREET EAST	2	R - Residential/Local	655	37	24235	O - AC/AC	10/13/2017	62
BARRAC	202	BARRACHI WAY - 202	PERKINS STREET	BACHERO STREET	2	R - Residential/Local	804	23	18492	A - AC	10/13/2017	61
ROBINS	177	ROBINSON STREET - 177	THE VILLAGE GREEN	THIRD STREET WEST	2	R - Residential/Local	321	33	10593	A - AC	10/13/2017	61
AUSTIN	162C	AUSTIN AVENUE - 162	FRANCE STREET	PATTEN STREET	2	R - Residential/Local	604	33	19932	A - AC	10/13/2017	60
LASCAS	104	LAS CASITAS COURT - 104	EAST SPAIN STREET	CUL DE SAC	2	R - Residential/Local	479	33	15807	A - AC	10/13/2017	60
OREGON	219A	OREGON STREET - 219	STUDLEY STREET	SEVENTH STREET WEST	2	R - Residential/Local	1222	37	45214	O - AC/AC	10/13/2017	60
FOURTE	112B	FOURTH STREET EAST - 112	CHASE STREET	PATTEN STREET	2	R - Residential/Local	1247	32	39904	A - AC	10/13/2017	59
FRANCE	151D	FRANCE STREET - 151	FOURTH STREET EAST	FIFTH STREET EAST	2	C - Collector	631	37	23347	A - AC	10/13/2017	59
CHURCH	203C	CHURCH STREET - 203	SECOND STREET WEST	ALLEY	2	R - Residential/Local	408	28	11424	A - AC	10/13/2017	56
FINEAV	153	FINE AVENUE - 153	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	2	R - Residential/Local	606	33	19998	A - AC	10/13/2017	56
SECONE	101D1	SECOND STREET EAST - 101	EAST NAPA STREET	EAST SPAIN STREET	2	C - Collector	611	33	20163	A - AC	10/13/2017	55

## 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
YOUNT	131	YOUNT STREET - 131	KNIGHT STREET	CUL DE SAC	2	R - Residential/Local	266	33	8778	A - AC	10/13/2017	54
THIRDE	149A	THIRD STREET EAST - 149	CHASE STREET	CUL DE SAC	2	R - Residential/Local	403	32	12896	O - AC/AC	10/13/2017	53
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	10/13/2017	52
DENMAR	138C	DENMARK STREET - 138	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	2	R - Residential/Local	254	26	6604	A - AC	10/13/2017	51
LOVALL	107A	LOVALL VALLEY ROAD - 107	FOURTH STREET EAST	175' EAST OF WILKING WAY	2	R - Residential/Local	629	39	24531	A - AC	10/13/2017	50
VIGNA	178	VIGNA STREET - 178	BARRACHI WAY	THIRD STREET WEST	2	R - Residential/Local	182	23	4186	A - AC	10/13/2017	50
MCDONN	165	MCDONNELL STREET - 165	WEST FIRST STREET	BROADWAY	2	R - Residential/Local	278	31	8618	A - AC	10/13/2017	49
PALOU	221	PALOU STREET - 221	DEAD END WEST OF ROBINSON ROAD	JUNIPERO SERRA DRIVE	2	R - Residential/Local	359	33	11847	A - AC	10/13/2017	49
DENMAR	138B	DENMARK STREET - 138	GARRY LANE	254' WEST OF FIFTH STREET EAST	2	R - Residential/Local	541	22	11902	A - AC	10/13/2017	48
TRONAD	127	TRONADO COURT - 127	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	119	33	3927	A - AC	10/13/2017	48
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	10/13/2017	44
FIFTHE	143	FIFTH STREET EAST - 143	CITY LIMITS / HOUSE #20419	DENMARK STREET	2	A - Arterial	1240	30	37200	A - AC	10/13/2017	43
AVENUE	120A	AVENUE DEL ORO - 120	FIFTH STREET EAST	CORDILLERAS DRIVE	2	R - Residential/Local	779	33	25707	A - AC	10/13/2017	38
AVENUE	120B	AVENUE DEL ORO - 120	CORDILLERAS DRIVE	HOUSE #693	2	R - Residential/Local	801	33	26433	A - AC	10/13/2017	32
AUSTIN	162A	AUSTIN AVENUE - 162	EAST MACARTHUR STREET	CHASE STREET	2	R - Residential/Local	611	36	21996	A - AC	10/13/2017	29
MANOR	189A	MANOR DRIVE - 189	HARRINGTON DRIVE	HIKING PATH	2	R - Residential/Local	513	33	16929	A - AC	10/13/2017	27
NASHST	198	NASH STREET - 198	CLAY STREET	PICKETT STREET	2	R - Residential/Local	481	33	15873	A - AC	10/13/2017	26
NEWCOM	192A	NEWCOMB STREET - 192	DEAD END WEST OF FRYER CREEK	BROADWAY	2	R - Residential/Local	1521	28	42588	A - AC	10/13/2017	26
SEVENW	175D	SEVENTH STREET WEST - 175	WEST NAPA STREET	WEST SPAIN STREET	2	R - Residential/Local	663	37	24531	A - AC	10/13/2017	25
CARILL	227	CARILLO COURT - 227	VERANO AVENUE	CUL DE SAC	2	R - Residential/Local	325	33	10725	A - AC	10/13/2017	24
FIRSTW	169J	FIRST STREET WEST - 169	HIKING PATH	MOUNTAIN CEMETERY ROAD	2	A - Arterial	1109	31	34379	A - AC	10/13/2017	24
VISCHE	148	VISCHER COURT - 148	FRANCE STREET	CUL DE SAC	2	R - Residential/Local	218	32	6976	A - AC	10/13/2017	21
AUSTIN	162B	AUSTIN AVENUE - 162	CHASE STREET	FRANCE STREET	2	R - Residential/Local	615	36	22140	A - AC	10/13/2017	19
MAPLE	166	MAPLE STREET - 166	FIRST STREET WEST	BROADWAY	2	R - Residential/Local	266	28	7448	A - AC	10/13/2017	19

## 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
FIRSTW	169I	FIRST STREET WEST - 169	HOUSE #344	HIKING PATH	2	A - Arterial	571	32	18272	A - AC	10/13/2017	16
OREGON	219C	OREGON STREET - 219	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	2	R - Residential/Local	478	33	15774	A - AC	10/13/2017	16
ELNIDO	122	EL NIDO COURT - 122	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	292	28	8176	A - AC	10/13/2017	11
AUREO	121	AUREO COURT - 121	AVENUE DEL ORO	CUL DE SAC	2	R - Residential/Local	146	27	3942	A - AC	10/13/2017	10
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	10/13/2017	10
NORRBO	210	NORRBOMM ROAD - 210	MOUNTAIN CEMETERY ROAD	2500' N. OF MTN. CEMETERY ROAD	2	R - Residential/Local	2500	20	50000	O - AC/AC	10/13/2017	10
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	10/13/2017	9
FRYERC	195C	FRYER CREEK DRIVE - 195	HIKING PATH	NEWCOMB STREET	2	R - Residential/Local	665	37	24605	A - AC	10/13/2017	8
HARRIN	191	HARRINGTON DRIVE - 190	LOT #440/ PAVE CHG	MANOR DRIVE	2	R - Residential/Local	544	17	9248	A - AC	10/13/2017	8
SIXTHW	174B	SIXTH STREET WEST - 174	STUDLEY STREET	WEST NAPA STREET	2	R - Residential/Local	311	37	11507	A - AC	10/13/2017	7
FRYERC	195B	FRYER CREEK DRIVE - 195	CLAY STREET	HIKING PATH	2	R - Residential/Local	648	37	23976	A - AC	10/13/2017	3
FOURTW	172F	FOURTH STREET WEST - 172	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	2	R - Residential/Local	516	25	12900	A - AC	10/13/2017	2
PICKET	197	PICKETT STREET - 197	CLAY STREET	FRYER CREEK DRIVE	2	R - Residential/Local	862	33	28446	A - AC	10/13/2017	2

## 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  $\geq$  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  $\leq$  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.



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# Decision Tree

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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	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$8.15		7	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
		IV - Poor		3"OL w/Fab+33%Digout	\$31.13			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$8.15		7	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
		IV - Poor		3"OL w/Fab+33%Digout	\$31.13			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00				
	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				
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	
	II - Good, Non-Load Related		DO NOTHING	\$0.00		99		
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92				
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$14.00					

Functional Class and Surface combination not used





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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	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$8.15		7		
			Restoration Treatment	Thin AC OL 2" w/Fabric	\$24.00			2	
			II - Good, Non-Load Related		Slurry Seal Type III	\$8.15			
			III - Good, Load Related		Crack+SlurrySeal w/25%Digout	\$12.50			
			IV - Poor		3" OL w/Fab+25%Digout	\$27.00			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00			

Functional Class and Surface combination not used



Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$8.15		7	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
		IV - Poor		3"OL w/Fab+33%Digout	\$31.13			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$8.15		7	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
		IV - Poor		3"OL w/Fab+33%Digout	\$31.13			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00			
	AC/PCC	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			
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	
	II - Good, Non-Load Related		DO NOTHING	\$0.00		99		
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92				
	V - Very Poor		THIN AC OVERLAY(1.5 INCHES)	\$7.47				

Functional Class and Surface combination not used



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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	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3			
			Surface Treatment	SLURRY SEAL	\$8.15		7		
			Restoration Treatment	Thin AC OL 2" w/Fabric	\$24.00			2	
			II - Good, Non-Load Related		Slurry Seal Type III	\$8.15			
			III - Good, Load Related		Crack+SlurrySeal w/25%Digout	\$12.50			
			IV - Poor		3" OL w/Fab+25%Digout	\$27.00			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$94.00			

Functional Class and Surface combination not used



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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	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4		
			Surface Treatment	SLURRY SEAL	\$8.15		8	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00		99	
		IV - Poor		Edge Grind 2"OL w/Fab+33%Dig	\$31.13			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4		
			Surface Treatment	SLURRY SEAL	\$8.15		8	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
		III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
		IV - Poor		Edge Grind 2"OL w/Fab+33%Dig	\$31.13			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.38	4		
Surface Treatment			SLURRY SEAL	\$1.93		8		
Restoration Treatment			Thin AC OL 2"	\$12.50			3	
II - Good, Non-Load Related			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		RECONSTRUCT STRUCTURE (AC)	\$60.00					
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	
	II - Good, Non-Load Related		DO NOTHING	\$0.00		99		
	III - Good, Load Related		DO NOTHING	\$0.00				
	IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92				
V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$7.27					

Functional Class and Surface combination not used



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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	ST	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	4			
			Surface Treatment	SLURRY SEAL	\$8.15		8		
			Restoration Treatment	DO NOTHING	\$0.00			99	
			II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ II	\$11.15			
			III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
			IV - Poor		Edge Grind 2"OL w/Fab+33%Dig	\$31.13			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00			

Functional Class and Surface combination not used



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			
			III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
			IV - Poor		Edge Grind 2"OL w/Fab+25%Dig	\$27.00			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00			
	AC/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			
			III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
			IV - Poor		Edge Grind 2"OL w/Fab+25%Dig	\$27.00			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.60	4			
			Surface Treatment	SINGLE CHIP SEAL	\$1.74		8		
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3	
			II - Good, Non-Load Related		DOUBLE CHIP SEAL	\$1.52			
			III - Good, Load Related		HEATER SCARIFY & OVERLAY	\$5.95			
			IV - Poor		HEATER SCARIFY & OVERLAY	\$6.14			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$8.75			
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		
		II - Good, Non-Load Related		DO NOTHING	\$0.00		99		
		III - Good, Load Related		DO NOTHING	\$0.00				
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$1.92				
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$7.27				

Functional Class and Surface combination not used



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# Decision Tree

Printed: 01/15/2018

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay	
Other	ST	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			100	
			II - Good, Non-Load Related		CrackSeal+SlurrySeal Typ III	\$11.15			
			III - Good, Load Related		Edge Grind 2"OL w/Fabric	\$24.00			
			IV - Poor		Edge Grind 2"OL w/Fab+25%Dig	\$27.00			
			V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$76.00			

Functional Class and Surface combination not used





## Appendix D – Budget Needs Analysis



### Budget Needs Reports

As indicated in the Final Report, with a budget of \$11.76 M over the next five years the PCI of the street network will improve from the current level of 74 to 85 by 2022. If no treatments are programmed, the weighted average PCI is projected to deteriorate to 65 by 2022.

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: 01/15/2018

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Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2018	87	73	\$1,225,702	\$6,031,483	\$7,257,185
2019	87	71	\$366,406	\$1,713,269	\$2,079,675
2020	86	69	\$519,359	\$373,122	\$892,481
2021	85	67	\$464,208	\$495,070	\$959,278
2022	85	65	\$445,925	\$126,044	\$571,969

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% PM	PM Total Cost	Rehab Total Cost	Total Cost
25.69%	\$3,021,600	\$8,738,988	\$11,760,588

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**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.

<b>COLUMN</b>	<b>DESCRIPTION</b>
Treatment	Type of preventive maintenance treatments needed.
Year	Year in the analysis period (i.e., 2018, 2019, 2020...2022).
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: 01/15/2018

Treatment	Year	Area Treated		Cost
SEAL CRACKS	2018	2,742.77	ft.	\$8,243
	2019	368.03	ft.	\$1,140
	2020	463.63	ft.	\$1,481
	2021	2,547.42	ft.	\$8,383
	2022	4,061.54	ft.	\$13,768
	Total		10,183.38	
SLURRY SEAL	2018	149,378.22	sq.yd.	\$1,217,459
	2019	43,511.33	sq.yd.	\$365,266
	2020	59,894.44	sq.yd.	\$517,878
	2021	51,182.33	sq.yd.	\$455,825
	2022	47,111.22	sq.yd.	\$432,157
	Total		351,077.56	
Total Quantity		361,260.94		\$3,021,600

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**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.

<b>COLUMN</b>	<b>DESCRIPTION</b>
Treatment	Type of rehabilitation treatments needed.
Year	Year in the analysis period (i.e., 2018, 2019, 2020...2022).
Area Treated	Quantities in square yard.
Cost	Rehabilitation treatment cost.



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## Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 01/15/2018

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Treatment	Year	Area Treated	Cost
3"OL w/Fab+33%Digout	2018	4,133.33 sq.yd.	\$128,671
	2019	2,240.33 sq.yd.	\$71,834
	2021	3,618.89 sq.yd.	\$123,103
	Total	9,992.56 sq.yd.	\$323,608
CrackSeal+SlurrySeal Typ II	2018	7,435.67 sq.yd.	\$82,911
	2019	10,335.33 sq.yd.	\$118,698
	2021	762.67 sq.yd.	\$9,293
	2022	3,825.44 sq.yd.	\$48,008
Total	22,359.11 sq.yd.	\$258,910	
Edge Grind 2"OL w/Fab+33%Dig	2018	8,924.78 sq.yd.	\$277,832
	2019	1,936.44 sq.yd.	\$62,091
	2020	2,408.22 sq.yd.	\$79,535
	2021	3,491.33 sq.yd.	\$118,764
Total	16,760.78 sq.yd.	\$538,222	
Edge Grind 2"OL w/Fabric	2018	100,394.33 sq.yd.	\$2,409,476
	2019	24,822 sq.yd.	\$613,603
	2020	11,530.44 sq.yd.	\$293,587
	2022	2,888.89 sq.yd.	\$78,036
Total	139,635.67 sq.yd.	\$3,394,702	
RECONSTRUCT STRUCTURE (AC)	2018	39,832.67 sq.yd.	\$3,132,593
	2019	10,820.67 sq.yd.	\$847,043
	2021	2,937 sq.yd.	\$243,910
	Total	53,590.33 sq.yd.	\$4,223,546
Total Cost			<u>\$8,738,988</u>

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## **Appendix E – Budget Analysis Scenario 1 – No Funds**



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## **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.



Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2018	0%	\$0	II	\$0	Non-Project	\$0	\$7,257,116	Funded	\$0
			III	\$0				Unmet	\$47,699
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2019	0%	\$0	II	\$0	Non-Project	\$0	\$9,281,962	Funded	\$0
			III	\$0				Unmet	\$14,261
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2020	0%	\$0	II	\$0	Non-Project	\$0	\$9,828,394	Funded	\$0
			III	\$0				Unmet	\$2,101
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2021	0%	\$0	II	\$0	Non-Project	\$0	\$10,976,868	Funded	\$0
			III	\$0				Unmet	\$9,808
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					
2022	0%	\$0	II	\$0	Non-Project	\$0	\$11,408,805	Funded	\$0
			III	\$0				Unmet	\$6,403
			IV	\$0				Project	\$0
			V	\$0					
			Total	\$0					
			Project	\$0					

<b>Summary</b>				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$0	\$0	\$0	\$11,627
Collector	\$0	\$0	\$0	\$11,090
Residential/Local	\$0	\$0	\$0	\$57,556
<b>Grand Total:</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$80,273</b>



Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$0	0%	2020	\$0	0%	2022	\$0	0%
2019	\$0	0%	2021	\$0	0%			

### Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	73	73	0	0
2019	71	71	0	0
2020	69	69	0	0
2021	67	67	0	0
2022	65	65	0	0

### Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	9.3%	7.8%	32.3%	0.0%	49.5%
II / III	6.7%	10.5%	20.5%	0.0%	37.8%
IV	0.6%	1.2%	2.9%	0.0%	4.7%
V	0.9%	0.0%	7.1%	0.0%	8.0%
Total	17.6%	19.6%	62.9%	0.0%	100.0%



## **Appendix F – Budget Analysis Scenario 2 – Expected Annual Budget**







# Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	25%	\$500,000	II	\$0	Non-Project	\$124,941	\$59	\$6,757,777	Funded	\$0
			III	\$374,417					Unmet	\$45,671
			IV	\$0					Project	\$0
			V	\$0						
			Total	\$374,417						
			Project	\$0						
2019	25%	\$500,000	II	\$8,759	Non-Project	\$125,706	\$0	\$8,270,311	Funded	\$0
			III	\$363,342					Unmet	\$13,886
			IV	\$0					Project	\$0
			V	\$0						
			Total	\$372,101						
			Project	\$0						
2020	25%	\$500,000	II	\$3,418	Non-Project	\$126,020	\$0	\$8,687,574	Funded	\$0
			III	\$354,689					Unmet	\$1,824
			IV	\$15,361					Project	\$0
			V	\$0						
			Total	\$373,468						
			Project	\$0						
2021	25%	\$500,000	II	\$0	Non-Project	\$128,693	\$0	\$9,359,884	Funded	\$0
			III	\$356,007					Unmet	\$5,499
			IV	\$14,843					Project	\$0
			V	\$0						
			Total	\$370,850						
			Project	\$0						
2022	25%	\$500,000	II	\$0	Non-Project	\$124,662	\$338	\$9,565,914	Funded	\$0
			III	\$284,105					Unmet	\$4,342
			IV	\$90,891					Project	\$0
			V	\$0						
			Total	\$374,996						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$483,307	\$458,754	\$0	\$6,109
Collector	\$1,314,562	\$69,632	\$0	\$9,264
Residential/Local	\$67,963	\$101,636	\$0	\$55,849
<b>Grand Total:</b>	<b>\$1,865,832</b>	<b>\$630,022</b>	<b>\$0</b>	<b>\$71,222</b>



Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$500,000	25%	2020	\$500,000	25%	2022	\$500,000	25%
2019	\$500,000	25%	2021	\$500,000	25%			

### Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	73	75	5.93	12.41
2019	71	73	2.33	4.67
2020	69	72	3.09	6.19
2021	67	71	4.73	10.01
2022	65	70	2.83	5.67

### Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.1%	12.9%	42.4%	0.0%	71.4%
II / III	0.0%	6.7%	11.6%	0.0%	18.3%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	15.3%	16.7%	34.4%	0.0%	66.4%
II / III	0.8%	2.1%	18.5%	0.0%	21.4%
IV	0.6%	0.8%	2.8%	0.0%	4.2%
V	0.9%	0.0%	7.1%	0.0%	8.0%
Total	17.6%	19.6%	62.9%	0.0%	100.0%



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# Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected Annual Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$500,000	25%	2020	\$500,000	25%	2022	\$500,000	25%
2019	\$500,000	25%	2021	\$500,000	25%			

## Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC	69	69	100	\$49,176	20,222	Edge Grind 2"OL w/Fabric		
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	62	100	\$249,515	24,457	Edge Grind 2"OL w/Fabric		
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	64	100	\$11,592	14,802	Edge Grind 2"OL w/Fabric		
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	63	100	\$64,134	24,420	Edge Grind 2"OL w/Fabric		
												Treatment Total		\$374,417			
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	75	83	\$3,766	12,985	SLURRY SEAL		
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	80	88	\$37,225	37,044	SLURRY SEAL		
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	77	85	\$3,768	18,834	SLURRY SEAL		
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	79	87	\$21,965	19,675	SLURRY SEAL		
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	75	84	\$19,718	19,256	SLURRY SEAL		
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	73	82	\$30,256	25,520	SLURRY SEAL		
												Treatment Total		\$116,698			
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	75	77	\$586	202,905	SEAL CRACKS		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	80	81	\$187	422,310	SEAL CRACKS		
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	85	86	\$110	820,575	SEAL CRACKS		

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	74	77	\$156	314,388	SEAL CRACKS
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	74	76	\$136	255,311	SEAL CRACKS
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	73	76	\$464	250,987	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	80	82	\$99	37,291	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	72	75	\$200	325,236	SEAL CRACKS
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	79	81	\$324	296,979	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	76	78	\$207	269,187	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	80	82	\$336	275,448	SEAL CRACKS
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	82	84	\$274	321,774	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	82	\$404	798,880	SEAL CRACKS
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	76	78	\$638	455,763	SEAL CRACKS
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	83	\$156	878,337	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	80	\$283	687,492	SEAL CRACKS
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	80	82	\$367	275,448	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC	83	83	85	\$190	271,880	SEAL CRACKS
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC	86	86	87	\$29	720,836	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	84	85	\$85	421,502	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	82	84	\$42	319,174	SEAL CRACKS
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	75	77	\$347	364,178	SEAL CRACKS
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	77	79	\$184	267,422	SEAL CRACKS
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	76	78	\$350	265,823	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	79	81	\$134	273,983	SEAL CRACKS
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	73	76	\$110	331,363	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	87	88	\$167	332,255	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	79	81	\$287	297,028	SEAL CRACKS
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	75	77	\$239	259,861	SEAL CRACKS
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	73	76	\$244	251,695	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	80	82	\$88	307,887	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	76	78	\$337	269,187	SEAL CRACKS
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC	74	74	76	\$148	255,311	SEAL CRACKS
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	84	85	\$138	1,068,617	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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC	85	85	86	\$100	260,489	SEAL CRACKS		
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	84	85	\$97	421,502	SEAL CRACKS		
												Treatment Total		\$8,243			
							Year 2018 Area Total		1,129,892		Year 2018 Total		\$499,358				

### Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	63	100	\$59,416	18,358	Edge Grind 2"OL w/Fabric		
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	63	100	\$100,452	18,311	Edge Grind 2"OL w/Fabric		
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	69	100	\$69,304	21,430	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	63	100	\$77,654	18,311	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	62	100	\$56,516	18,615	Edge Grind 2"OL w/Fabric		
												Treatment Total		\$363,342			
NEIL COURT	BEASLEY WAY	CUL DE SAC	NEILCT	133	208	33	6,864	R	AC	62	61	71	\$8,759	10,123	CrackSeal+SlurrySeal Typ II		
												Treatment Total		\$8,759			
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC	80	79	87	\$22,778	17,798	SLURRY SEAL		
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	83	90	\$21,363	19,024	SLURRY SEAL		
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	75	83	\$33,355	18,596	SLURRY SEAL		
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	76	84	\$24,634	18,520	SLURRY SEAL		

\*\* - Treatment from Project Selection



City of Sonoma  
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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected Annual Budget

### Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	75	83	\$22,436	18,596	SLURRY SEAL			
												Treatment Total		\$124,566				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC	84	83	84	\$66	265,625	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	81	83	\$186	301,707	SEAL CRACKS			
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC	75	74	76	\$293	244,506	SEAL CRACKS			
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	88	89	\$13	4,324,836	SEAL CRACKS			
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	88	89	\$17	4,324,836	SEAL CRACKS			
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC	74	73	75	\$52	239,973	SEAL CRACKS			
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC	84	83	84	\$166	265,625	SEAL CRACKS			
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC	82	81	82	\$347	267,591	SEAL CRACKS			
												Treatment Total		\$1,140				
							Year 2019 Area Total		454,385		Year 2019 Total		\$497,807					

### Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
BANCHERO STREET	BARRACHI WAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC	64	60	100	\$13,990	14,928	Edge Grind 2"OL w/Fabric
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	62	100	\$57,125	18,023	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTHE	143A	603	30	18,090	A	AC/AC	72	69	100	\$51,178	19,222	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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC	70	63	100	\$76,343	17,750	Edge Grind 2"OL w/Fabric		
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	62	100	\$21,909	18,023	Edge Grind 2"OL w/Fabric		
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	66	100	\$45,124	16,879	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	63	100	\$29,994	17,719	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	61	100	\$59,026	18,259	Edge Grind 2"OL w/Fabric		
											Treatment Total		\$354,689				
VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	VIGNA	178	182	23	4,186	R	AC	49	43	100	\$15,361	13,724	Edge Grind 2"OL w/Fab+33% Dig		
											Treatment Total		\$15,361				
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC	69	66	75	\$3,418	8,751	CrackSeal+SlurrySeal Typ II		
											Treatment Total		\$3,418				
BAUDIN WAY	CASA BONNE LN	DEAD END	BAUDIN	252	186	20	3,720	R	AC	92	86	93	\$3,574	7,566	SLURRY SEAL		
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	87	\$44,326	34,804	SLURRY SEAL		
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	88	\$18,875	36,073	SLURRY SEAL		
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	86	\$26,635	32,388	SLURRY SEAL		
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC	79	76	85	\$7,348	16,650	SLURRY SEAL		
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	83	90	\$23,781	33,958	SLURRY SEAL		
											Treatment Total		\$124,539				

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	70	73	\$401	219,077	SEAL CRACKS			
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC	86	82	84	\$104	259,479	SEAL CRACKS			
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC	75	72	74	\$141	229,012	SEAL CRACKS			
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC	80	76	78	\$139	250,876	SEAL CRACKS			
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC	84	81	83	\$82	260,218	SEAL CRACKS			
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC	93	86	87	\$92	681,290	SEAL CRACKS			
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC	93	87	88	\$43	700,933	SEAL CRACKS			
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC	94	89	90	\$84	311,102	SEAL CRACKS			
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC	93	86	87	\$64	941,220	SEAL CRACKS			
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC	92	87	88	\$51	984,641	SEAL CRACKS			
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC	94	88	89	\$280	322,854	SEAL CRACKS			
												Treatment Total		\$1,481				
Year 2020 Area Total							513,439	Year 2020 Total				\$499,488						

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	61	100	\$95,202	16,367	Edge Grind 2"OL w/Fabric

\*\* - Treatment from Project Selection



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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected Annual Budget

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC	75	66	100	\$37,153	16,523	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	62	100	\$162,109	17,394	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECONE	101B	660	32	21,120	C	AC	75	66	100	\$61,543	16,521	Edge Grind 2"OL w/Fabric		
											Treatment Total		\$356,007				
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC	47	40	100	\$14,843	13,444	Edge Grind 2"OL w/Fab+33% Dig		
											Treatment Total		\$14,843				
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	83	90	\$24,968	20,885	SLURRY SEAL		
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	80	88	\$8,486	16,213	SLURRY SEAL		
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	73	82	\$54,984	20,779	SLURRY SEAL		
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC	79	74	83	\$5,760	11,939	SLURRY SEAL		
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	74	82	\$30,874	17,580	SLURRY SEAL		
											Treatment Total		\$125,072				
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC	94	87	88	\$79	217,008	SEAL CRACKS		
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	76	\$455	231,297	SEAL CRACKS		
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC	94	87	88	\$76	217,008	SEAL CRACKS		
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC	94	87	88	\$45	638,265	SEAL CRACKS		
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC	94	87	88	\$32	217,008	SEAL CRACKS		

\*\* - Treatment from Project Selection

Scenarios Criteria:



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Scenario: PTAP-18 - Scenario 2 Expected Annual Budget

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC	95	87	88	\$30	882,837	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC	95	88	89	\$4	2,956,859	SEAL CRACKS
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC	69	86	87	\$56	850,296	SEAL CRACKS
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	86	87	\$284	850,296	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	85	86	\$182	1,280,399	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	79	81	\$46	368,086	SEAL CRACKS
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	79	81	\$223	385,502	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	82	84	\$275	296,778	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	76	\$402	231,334	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC	94	87	88	\$88	217,008	SEAL CRACKS
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC	94	87	88	\$19	638,265	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC	94	87	88	\$48	217,008	SEAL CRACKS
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC	94	87	88	\$79	217,008	SEAL CRACKS
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	591	37	21,867	R	AC/AC	94	87	88	\$49	638,265	SEAL CRACKS
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC	94	87	88	\$20	638,265	SEAL CRACKS
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC	94	87	88	\$24	217,008	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

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Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC	94	86	87	\$202	223,918	SEAL CRACKS			
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS			
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	77	79	\$395	482,654	SEAL CRACKS			
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC	94	89	90	\$118	537,229	SEAL CRACKS			
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	86	87	\$73	850,296	SEAL CRACKS			
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC	94	87	88	\$39	638,265	SEAL CRACKS			
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC	94	87	88	\$34	638,265	SEAL CRACKS			
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC	93	87	88	\$12	758,316	SEAL CRACKS			
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC	95	88	89	\$4	2,938,742	SEAL CRACKS			
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC	94	87	87	\$100	222,869	SEAL CRACKS			
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC	94	87	88	\$78	217,008	SEAL CRACKS			
												Treatment Total		\$3,621				
							Year 2021 Area Total		902,974		Year 2021 Total		\$499,543					

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	60	100	\$73,108	16,145	Edge Grind 2"OL w/Fabric			
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC	77	66	100	\$56,576	16,148	Edge Grind 2"OL w/Fabric			
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	68	100	\$88,511	15,470	Edge Grind 2"OL w/Fabric			
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	69	62	100	\$65,910	15,300	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$284,105				
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC	58	43	100	\$90,891	15,080	3"OL w/Fab+33%Digout			
												Treatment Total		\$90,891				
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	76	84	\$20,551	17,087	SLURRY SEAL			
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	70	79	\$15,169	15,457	SLURRY SEAL			
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTHW	173A	1,287	49	63,063	A	AC	86	77	85	\$64,275	16,687	SLURRY SEAL			
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC	93	83	90	\$9,063	17,129	SLURRY SEAL			
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	71	80	\$8,678	15,427	SLURRY SEAL			
VASQUEZ COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	VASQUE	229	139	33	4,587	R	AC	81	75	83	\$4,676	11,563	SLURRY SEAL			
												Treatment Total		\$122,412				
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	77	79	\$51	237,639	SEAL CRACKS			
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC	97	88	89	\$109	300,597	SEAL CRACKS			
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	86	87	\$69	574,548	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: 01/15/2018

Scenario: PTAP-18 - Scenario 2 Expected  
 Annual Budget

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	84	85	\$138	580,655	SEAL CRACKS	
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	76	78	\$269	238,569	SEAL CRACKS	
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	86	87	\$117	574,548	SEAL CRACKS	
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	77	79	\$443	345,890	SEAL CRACKS	
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	84	85	\$197	401,815	SEAL CRACKS	
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	78	80	\$313	350,882	SEAL CRACKS	
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	77	79	\$298	345,890	SEAL CRACKS	
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	86	87	\$79	825,530	SEAL CRACKS	
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	87	88	\$10	612,378	SEAL CRACKS	
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	86	87	\$91	574,548	SEAL CRACKS	
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	86	87	\$66	574,548	SEAL CRACKS	
												Treatment Total		\$2,250		
							Year 2022 Area Total		553,182					Year 2022 Total		\$499,658
							Total Section Area:		3,553,872					Grand Total		\$2,495,854

\*\* - Treatment from Project Selection

Scenarios Criteria:

## **Appendix G – Budget Analysis Scenario 3 – Maintain Current PCI**







# Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap				
2018	25%	\$325,000	II	\$0	Non-Project	\$79,492	\$1,758	\$6,935,661	Funded	\$0	
			III	\$113,310					Unmet	\$46,259	
			IV	\$128,671	Project	\$0					
			V	\$0							
			Total	\$241,981							
			Project	\$0							
2019	25%	\$960,000	II	\$3,318	Non-Project	\$243,748	\$0	\$8,125,132	Funded	\$0	
			III	\$711,677					Unmet	\$13,886	
			IV	\$0	Project	\$0					
			V	\$0							
			Total	\$714,995							
			Project	\$0							
2020	25%	\$1,230,000	II	\$63,512	Non-Project	\$308,324	\$0	\$7,811,655	Funded	\$0	
			III	\$784,168					Unmet	\$1,305	
			IV	\$73,989	Project	\$0					
			V	\$0							
			Total	\$921,669							
			Project	\$0							
2021	25%	\$1,060,000	II	\$9,650	Non-Project	\$263,687	\$1,313	\$7,802,347	Funded	\$0	
			III	\$646,331					Unmet	\$3,706	
			IV	\$138,925	Project	\$0					
			V	\$0							
			Total	\$794,906							
			Project	\$0							
2022	25%	\$1,007,000	II	\$0	Non-Project	\$258,711	\$0	\$7,784,821	Funded	\$0	
			III	\$574,194					Unmet	\$3,837	
			IV	\$173,734	Project	\$0					
			V	\$0							
			Total	\$747,928							
			Project	\$0							

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$682,976	\$619,530	\$0	\$6,634
Collector	\$1,576,064	\$254,702	\$0	\$6,859
Residential/Local	\$1,162,439	\$279,730	\$0	\$55,499
<b>Grand Total:</b>	<b>\$3,421,479</b>	<b>\$1,153,962</b>	<b>\$0</b>	<b>\$68,992</b>



# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$325,000	25%	2020	\$1,230,000	25%	2022	\$1,007,000	25%
2019	\$960,000	25%	2021	\$1,060,000	25%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	73	74	5.58	11.17
2019	71	74	3.45	7.46
2020	69	74	5.14	10.27
2021	67	74	6.26	12.52
2022	65	74	4.93	10.42

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	15.1%	12.9%	42.3%	0.0%	70.3%
II / III	1.6%	6.7%	11.7%	0.0%	19.9%
IV	0.0%	0.0%	3.8%	0.0%	3.8%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.7%	18.9%	40.9%	0.0%	76.5%
II / III	0.0%	0.7%	12.4%	0.0%	13.1%
IV	0.0%	0.0%	2.4%	0.0%	2.4%
V	0.9%	0.0%	7.1%	0.0%	8.0%
Total	17.6%	19.6%	62.9%	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$325,000	25%	2020	\$1,230,000	25%	2022	\$1,007,000	25%
2019	\$960,000	25%	2021	\$1,060,000	25%			

### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC	69	69	100	\$49,176	20,222	Edge Grind 2"OL w/Fabric		
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	63	100	\$64,134	24,420	Edge Grind 2"OL w/Fabric		
												Treatment Total		\$113,310			
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC	42	42	100	\$128,671	23,529	3"OL w/Fab+33%Digout		
												Treatment Total		\$128,671			
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	80	88	\$37,225	37,044	SLURRY SEAL		
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	77	85	\$3,768	18,834	SLURRY SEAL		
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	73	82	\$30,256	25,520	SLURRY SEAL		
												Treatment Total		\$71,249			
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	75	77	\$586	202,905	SEAL CRACKS		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	80	81	\$187	422,310	SEAL CRACKS		
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	85	86	\$110	820,575	SEAL CRACKS		
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	74	77	\$156	314,388	SEAL CRACKS		
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	74	76	\$136	255,311	SEAL CRACKS		
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	73	76	\$464	250,987	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	80	82	\$99	37,291	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	72	75	\$200	325,236	SEAL CRACKS
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	79	81	\$324	296,979	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	76	78	\$207	269,187	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	80	82	\$336	275,448	SEAL CRACKS
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	82	84	\$274	321,774	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	82	\$404	798,880	SEAL CRACKS
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	76	78	\$638	455,763	SEAL CRACKS
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	83	\$156	878,337	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	80	\$283	687,492	SEAL CRACKS
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	80	82	\$367	275,448	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC	83	83	85	\$190	271,880	SEAL CRACKS
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC	86	86	87	\$29	720,836	SEAL CRACKS
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	84	85	\$85	421,502	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	82	84	\$42	319,174	SEAL CRACKS

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	75	77	\$347	364,178	SEAL CRACKS
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	77	79	\$184	267,422	SEAL CRACKS
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	76	78	\$350	265,823	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	79	81	\$134	273,983	SEAL CRACKS
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	73	76	\$110	331,363	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	87	88	\$167	332,255	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	79	81	\$287	297,028	SEAL CRACKS
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	75	77	\$239	259,861	SEAL CRACKS
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	73	76	\$244	251,695	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	80	82	\$88	307,887	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	76	78	\$337	269,187	SEAL CRACKS
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC	74	74	76	\$148	255,311	SEAL CRACKS
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	84	85	\$138	1,068,617	SEAL CRACKS
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC	85	85	86	\$100	260,489	SEAL CRACKS
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	84	85	\$97	421,502	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



City of Sonoma  
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 (707) 938-3332

## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

	Treatment Total	\$8,243	
Year 2018 Area Total	1,018,990	Year 2018 Total	\$321,473

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	63	100	\$59,416	18,358	Edge Grind 2"OL w/Fabric
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	60	100	\$257,001	24,716	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	63	100	\$100,452	18,311	Edge Grind 2"OL w/Fabric
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	69	100	\$69,304	21,430	Edge Grind 2"OL w/Fabric
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	65	100	\$21,271	17,824	Edge Grind 2"OL w/Fabric
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	63	100	\$77,654	18,311	Edge Grind 2"OL w/Fabric
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	62	100	\$56,516	18,615	Edge Grind 2"OL w/Fabric
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	64	100	\$57,307	18,089	Edge Grind 2"OL w/Fabric
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC	62	60	100	\$12,756	15,402	Edge Grind 2"OL w/Fabric
												Treatment Total	\$711,677		
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC	69	67	77	\$3,318	9,121	CrackSeal+SlurrySeal Typ II
												Treatment Total	\$3,318		
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	74	82	\$3,879	12,692	SLURRY SEAL
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC	80	79	87	\$22,778	17,798	SLURRY SEAL
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	83	90	\$21,363	19,024	SLURRY SEAL
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	75	83	\$33,355	18,596	SLURRY SEAL
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	78	86	\$22,624	19,018	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	78	86	\$29,101	18,130	SLURRY SEAL			
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	76	84	\$24,634	18,520	SLURRY SEAL			
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	74	82	\$20,310	18,619	SLURRY SEAL			
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	72	80	\$34,994	17,419	SLURRY SEAL			
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	75	83	\$22,436	18,596	SLURRY SEAL			
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC	79	78	86	\$7,134	17,223	SLURRY SEAL			
												Treatment Total		\$242,608				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC	84	83	84	\$66	265,625	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	81	83	\$186	301,707	SEAL CRACKS			
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC	75	74	76	\$293	244,506	SEAL CRACKS			
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	88	89	\$13	4,324,836	SEAL CRACKS			
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	88	89	\$17	4,324,836	SEAL CRACKS			
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC	74	73	75	\$52	239,973	SEAL CRACKS			
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC	84	83	84	\$166	265,625	SEAL CRACKS			
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC	82	81	82	\$347	267,591	SEAL CRACKS			
												Treatment Total		\$1,140				
							Year 2019 Area Total		703,494		Year 2019 Total		\$958,743					

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	65	100	\$68,911	15,726	Edge Grind 2"OL w/Fabric		
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	62	100	\$57,125	18,023	Edge Grind 2"OL w/Fabric		
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTE	143A	603	30	18,090	A	AC/AC	72	69	100	\$51,178	19,222	Edge Grind 2"OL w/Fabric		
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC	70	63	100	\$76,343	17,750	Edge Grind 2"OL w/Fabric		
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	63	100	\$92,429	16,171	Edge Grind 2"OL w/Fabric		
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC	68	63	100	\$97,558	16,171	Edge Grind 2"OL w/Fabric		
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC	75	69	100	\$36,071	16,227	Edge Grind 2"OL w/Fabric		
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	66	100	\$45,124	16,879	Edge Grind 2"OL w/Fabric		
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	60	100	\$12,298	14,912	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	63	100	\$29,994	17,719	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	65	100	\$157,387	17,190	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECONE	101B	660	32	21,120	C	AC	75	69	100	\$59,750	16,225	Edge Grind 2"OL w/Fabric		
											Treatment Total		\$784,168				
SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	SECONE	101D1	611	33	20,163	C	AC	54	45	100	\$73,989	15,802	3"OL w/Fab+33%Digout		
											Treatment Total		\$73,989				
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC	72	67	77	\$63,512	15,968	CrackSeal+SlurrySeal Typ II		
											Treatment Total		\$63,512				

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Scenarios Criteria:





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## Scenarios - Sections Selected for Treatment

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Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	87	\$44,326	34,804	SLURRY SEAL			
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTHW	173A	1,287	49	63,063	A	AC	86	82	89	\$60,585	16,049	SLURRY SEAL			
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	83	90	\$8,239	15,441	SLURRY SEAL			
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	88	\$18,875	36,073	SLURRY SEAL			
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	86	\$26,635	32,388	SLURRY SEAL			
FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FOURTE	112C	636	29	18,444	R	AC	74	71	80	\$17,720	16,328	SLURRY SEAL			
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC	86	82	89	\$48,299	16,049	SLURRY SEAL			
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC	76	74	82	\$33,404	15,914	SLURRY SEAL			
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC	77	75	83	\$24,979	15,904	SLURRY SEAL			
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	83	90	\$23,781	33,958	SLURRY SEAL			
												Treatment Total		\$306,843				
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	70	73	\$401	219,077	SEAL CRACKS			
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC	86	82	84	\$104	259,479	SEAL CRACKS			
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC	75	72	74	\$141	229,012	SEAL CRACKS			

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC	80	76	78	\$139	250,876	SEAL CRACKS			
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC	84	81	83	\$82	260,218	SEAL CRACKS			
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC	93	86	87	\$92	681,290	SEAL CRACKS			
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC	93	87	88	\$43	700,933	SEAL CRACKS			
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC	94	89	90	\$84	311,102	SEAL CRACKS			
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC	93	86	87	\$64	941,220	SEAL CRACKS			
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC	92	87	88	\$51	984,641	SEAL CRACKS			
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC	94	88	89	\$280	322,854	SEAL CRACKS			
												Treatment Total		\$1,481				
Year 2020 Area Total							916,705	Year 2020 Total				\$1,229,993						

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	ADLER	117	243	33	8,019	R	AC	66	62	100	\$23,367	13,839	Edge Grind 2"OL w/Fabric
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC	67	62	100	\$57,160	13,703	Edge Grind 2"OL w/Fabric
CORDILLERAS DRIVE	MACARTHUR STREET	AVENUE DEL ORO	CORDIL	124A	552	33	18,216	R	AC	68	63	100	\$53,081	13,893	Edge Grind 2"OL w/Fabric
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC	66	61	100	\$130,603	14,424	Edge Grind 2"OL w/Fabric

\*\* - Treatment from Project Selection



City of Sonoma  
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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
HUDSON COURT	FRANCE STREET	CUL DE SAC	HUDSON	145	371	33	12,243	R	AC	68	63	100	\$35,676	13,893	Edge Grind 2"OL w/Fabric			
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC	66	61	100	\$24,075	14,424	Edge Grind 2"OL w/Fabric			
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC	71	65	100	\$55,074	13,510	Edge Grind 2"OL w/Fabric			
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC	77	68	100	\$54,928	15,871	Edge Grind 2"OL w/Fabric			
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	69	64	100	\$63,991	15,070	Edge Grind 2"OL w/Fabric			
TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	TOWNE	128	892	33	29,436	R	AC	67	63	100	\$85,775	13,583	Edge Grind 2"OL w/Fabric			
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC	66	61	100	\$62,601	14,045	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$646,331				
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC	58	47	100	\$88,243	15,254	3"OL w/Fab+33%Digout			
SECOND STREET EAST	EAST SPAIN STREET	HOUSE #327	SECONE	101E	401	23	9,223	C	AC	61	49	100	\$34,860	15,090	3"OL w/Fab+33%Digout			
												Treatment Total		\$123,103				
VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	VIGNA	178	182	23	4,186	R	AC	49	40	100	\$15,822	13,486	Edge Grind 2"OL w/Fab+33% Dig			
												Treatment Total		\$15,822				
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC	73	68	77	\$9,650	8,636	CrackSeal+SlurrySeal Typ II			
												Treatment Total		\$9,650				
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	77	85	\$19,952	17,503	SLURRY SEAL			
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	83	90	\$24,968	20,885	SLURRY SEAL			

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

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Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	71	80	\$12,484	14,741	SLURRY SEAL			
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	73	82	\$54,984	20,779	SLURRY SEAL			
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC	92	84	91	\$14,552	13,686	SLURRY SEAL			
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC	75	71	80	\$19,759	14,504	SLURRY SEAL			
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC	92	84	91	\$13,965	13,686	SLURRY SEAL			
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC	76	72	81	\$6,888	14,785	SLURRY SEAL			
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPE	223A	897	37	33,189	R	AC/AC	89	87	93	\$32,842	14,337	SLURRY SEAL			
JUNIPERO SERRA DRIVE	VASQUEZ COURT	FANO LANE	JUNIPE	223C	379	37	14,023	R	AC/AC	90	88	94	\$13,877	14,550	SLURRY SEAL			
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	74	83	\$28,965	17,217	SLURRY SEAL			
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC	93	84	91	\$8,799	15,443	SLURRY SEAL			
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	72	81	\$8,425	16,199	SLURRY SEAL			
												Treatment Total		\$260,460				
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC	94	87	88	\$79	217,008	SEAL CRACKS			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	76	\$455	231,297	SEAL CRACKS			
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC	94	87	88	\$76	217,008	SEAL CRACKS			
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC	94	87	88	\$45	638,265	SEAL CRACKS			

\*\* - Treatment from Project Selection

Scenarios Criteria:



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Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC	94	87	88	\$32	217,008	SEAL CRACKS
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC	95	87	88	\$30	882,837	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC	95	88	89	\$4	2,956,859	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC	42	86	87	\$113	850,296	SEAL CRACKS
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTHE	143B	683	27	18,441	A	AC/AC	69	86	87	\$56	850,296	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	85	86	\$182	1,280,399	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	79	81	\$46	368,086	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	82	84	\$275	296,778	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	76	\$402	231,334	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC	94	87	88	\$88	217,008	SEAL CRACKS
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC	94	87	88	\$19	638,265	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC	94	87	88	\$48	217,008	SEAL CRACKS
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC	94	87	88	\$79	217,008	SEAL CRACKS
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	591	37	21,867	R	AC/AC	94	87	88	\$49	638,265	SEAL CRACKS
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC	94	87	88	\$20	638,265	SEAL CRACKS
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC	94	87	88	\$24	217,008	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC	94	86	87	\$202	223,918	SEAL CRACKS			
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS			
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	77	79	\$395	482,654	SEAL CRACKS			
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC	94	89	90	\$118	537,229	SEAL CRACKS			
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	86	87	\$73	850,296	SEAL CRACKS			
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC	94	87	88	\$39	638,265	SEAL CRACKS			
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC	94	87	88	\$34	638,265	SEAL CRACKS			
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC	93	87	88	\$12	758,316	SEAL CRACKS			
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC	95	88	89	\$4	2,938,742	SEAL CRACKS			
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC	94	87	87	\$100	222,869	SEAL CRACKS			
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC	94	87	88	\$78	217,008	SEAL CRACKS			
												Treatment Total		\$3,227				
							Year 2021 Area Total		1,101,240		Year 2021 Total		\$1,058,593					

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC	67	61	100	\$71,850	13,456	Edge Grind 2"OL w/Fabric			
DONNER AVENUE	FRANCE STREET	PATTEN STREET	DONNER	150C	608	32	19,456	R	AC	69	62	100	\$58,395	13,335	Edge Grind 2"OL w/Fabric			
GREVE LANE	FOURTH STREET EAST	WILKING WAY	GREVEL	109	449	33	14,817	R	AC	68	62	100	\$44,472	13,548	Edge Grind 2"OL w/Fabric			
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC	71	64	100	\$17,730	13,123	Edge Grind 2"OL w/Fabric			
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC	68	62	100	\$54,073	13,402	Edge Grind 2"OL w/Fabric			
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC	72	65	100	\$13,966	12,826	Edge Grind 2"OL w/Fabric			
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY WEST	THIRD STREET	PERKIN	168A	301	32	9,632	R	AC	71	63	100	\$28,910	13,316	Edge Grind 2"OL w/Fabric			
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC	69	63	100	\$57,807	13,198	Edge Grind 2"OL w/Fabric			
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	68	100	\$88,511	15,470	Edge Grind 2"OL w/Fabric			
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAINE	105C	1,247	37	46,139	R	AC/AC	71	63	100	\$138,480	13,263	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$574,194				
SECOND STREET EAST	EAST MACARTHUR	CHASE STREET	SECONE	101A	628	32	20,096	C	AC	63	47	100	\$78,234	14,764	3"OL w/Fab+33%Digout			
												Treatment Total		\$78,234				
LOVALL VALLEY ROAD	FOURTH STREET EAST	175' EAST OF WILKING WAY	LOVALL	107A	629	39	24,531	R	AC	49	40	100	\$95,500	13,058	Edge Grind 2"OL w/Fab+33% Dig			
												Treatment Total		\$95,500				
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	70	79	\$15,169	15,457	SLURRY SEAL			
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC	85	76	84	\$30,218	12,584	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC	88	80	88	\$26,719	13,050	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	86	83	90	\$10,259	13,089	SLURRY SEAL			
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC	90	82	89	\$48,250	12,976	SLURRY SEAL			
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	81	89	\$31,798	13,005	SLURRY SEAL			
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC	93	83	90	\$20,184	14,277	SLURRY SEAL			
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	83	90	\$30,251	16,402	SLURRY SEAL			
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	83	90	\$39,040	16,402	SLURRY SEAL			
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC	92	83	90	\$3,364	9,156	SLURRY SEAL			
												Treatment Total		\$255,252				
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC	97	88	89	\$109	300,597	SEAL CRACKS			
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	86	87	\$69	574,548	SEAL CRACKS			
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	86	87	\$293	825,530	SEAL CRACKS			
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	84	85	\$138	580,655	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	76	78	\$269	238,569	SEAL CRACKS			
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	86	87	\$117	574,548	SEAL CRACKS			
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	77	79	\$443	345,890	SEAL CRACKS			
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	79	81	\$337	356,434	SEAL CRACKS			
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	78	80	\$313	350,882	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: 01/15/2018

Scenario: PTAP-18 - Scenario 3 Maintain PCI

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	78	80	\$253	359,036	SEAL CRACKS			
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	76	78	\$492	320,719	SEAL CRACKS			
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	77	79	\$298	345,890	SEAL CRACKS			
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	86	87	\$79	825,530	SEAL CRACKS			
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	86	87	\$25	574,548	SEAL CRACKS			
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	86	87	\$91	574,548	SEAL CRACKS			
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	86	87	\$66	574,548	SEAL CRACKS			
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	86	87	\$67	574,548	SEAL CRACKS			
												Treatment Total		\$3,459				
							Year 2022 Area Total		981,355		Year 2022 Total		\$1,006,639					
							Total Section Area:		4,721,784		Grand Total		\$4,575,441					

\*\* - Treatment from Project Selection

Scenarios Criteria:



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





Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	25%	\$665,000	II	\$3,222	Non-Project	\$170,261	\$0	\$6,592,158	Funded	\$0
			III	\$362,825					Unmet	\$44,869
			IV	\$128,671	Project	\$0	\$0	\$6,592,158	Funded	\$0
			V	\$0						
			Total	\$494,718						
			Project	\$0						
2019	25%	\$1,665,000	II	\$61,662	Non-Project	\$421,667	\$0	\$7,066,404	Funded	\$0
			III	\$1,108,506					Unmet	\$11,640
			IV	\$71,834	Project	\$0	\$0	\$7,066,404	Funded	\$0
			V	\$0						
			Total	\$1,242,002						
			Project	\$0						
2020	25%	\$1,710,000	II	\$0	Non-Project	\$429,831	\$0	\$6,290,299	Funded	\$0
			III	\$929,773					Unmet	\$930
			IV	\$349,840	Project	\$0	\$0	\$6,290,299	Funded	\$0
			V	\$0						
			Total	\$1,279,613						
			Project	\$0						
2021	25%	\$1,833,000	II	\$104,833	Non-Project	\$516,948	\$0	\$5,560,126	Funded	\$0
			III	\$798,992					Unmet	\$2,503
			IV	\$275,045	Project	\$0	\$0	\$5,560,126	Funded	\$0
			V	\$135,340						
			Total	\$1,314,210						
			Project	\$0						
2022	25%	\$2,250,000	II	\$81,084	Non-Project	\$573,080	\$0	\$4,104,197	Funded	\$0
			III	\$78,036					Unmet	\$0
			IV	\$78,234	Project	\$0	\$0	\$4,104,197	Funded	\$0
			V	\$1,438,138						
			Total	\$1,675,492						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,292,570	\$615,926	\$0	\$4,563
Collector	\$1,470,321	\$524,212	\$0	\$5,039
Residential/Local	\$3,243,144	\$971,649	\$0	\$50,341
<b>Grand Total:</b>	<b>\$6,006,035</b>	<b>\$2,111,787</b>	<b>\$0</b>	<b>\$59,943</b>



# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$665,000	25%	2020	\$1,710,000	25%	2022	\$2,250,000	25%
2019	\$1,665,000	25%	2021	\$1,833,000	25%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	73	75	6.37	13.28
2019	71	76	5.82	11.64
2020	69	77	6.46	12.91
2021	67	78	8.91	18.37
2022	65	79	9.09	18.18

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.7%	12.9%	42.3%	0.0%	71.9%
II / III	0.0%	6.7%	11.7%	0.0%	18.3%
IV	0.0%	0.0%	3.8%	0.0%	3.8%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	17.6%	19.6%	52.6%	0.0%	89.7%
II / III	0.0%	0.0%	4.1%	0.0%	4.1%
IV	0.0%	0.0%	0.7%	0.0%	0.7%
V	0.0%	0.0%	5.4%	0.0%	5.4%
Total	17.6%	19.6%	62.9%	0.0%	100.0%



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

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$665,000	25%	2020	\$1,710,000	25%	2022	\$2,250,000	25%
2019	\$1,665,000	25%	2021	\$1,833,000	25%			

### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTHE	143B	683	27	18,441	A	AC/AC	69	69	100	\$49,176	20,222	Edge Grind 2"OL w/Fabric		
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	62	100	\$249,515	24,457	Edge Grind 2"OL w/Fabric		
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	63	100	\$64,134	24,420	Edge Grind 2"OL w/Fabric		
												Treatment Total		\$362,825			
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTHE	143	1,240	30	37,200	A	AC	42	42	100	\$128,671	23,529	3"OL w/Fab+33%Digout		
												Treatment Total		\$128,671			
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC	69	69	78	\$3,222	9,485	CrackSeal+SlurrySeal Typ II		
												Treatment Total		\$3,222			
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	80	88	\$37,225	37,044	SLURRY SEAL		
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	77	85	\$32,383	18,870	SLURRY SEAL		
FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FOURTE	112C	636	29	18,444	R	AC	74	74	82	\$16,703	17,920	SLURRY SEAL		
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	77	85	\$3,768	18,834	SLURRY SEAL		
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	79	87	\$21,965	19,675	SLURRY SEAL		
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	75	84	\$19,718	19,256	SLURRY SEAL		
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	73	82	\$30,256	25,520	SLURRY SEAL		
												Treatment Total		\$162,018			

\*\* - Treatment from Project Selection

Scenarios Criteria:



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 (707) 938-3332

## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	75	77	\$586	202,905	SEAL CRACKS
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	80	81	\$187	422,310	SEAL CRACKS
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	85	86	\$110	820,575	SEAL CRACKS
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	74	77	\$156	314,388	SEAL CRACKS
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	74	76	\$136	255,311	SEAL CRACKS
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	73	76	\$464	250,987	SEAL CRACKS
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	80	82	\$99	37,291	SEAL CRACKS
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	72	75	\$200	325,236	SEAL CRACKS
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	79	81	\$324	296,979	SEAL CRACKS
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	76	78	\$207	269,187	SEAL CRACKS
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	80	82	\$336	275,448	SEAL CRACKS
FANO LANE	JUNIPERO SERRA STREET WEST	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	82	84	\$274	321,774	SEAL CRACKS
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTH	143C	1,247	37	46,139	A	AC/AC	80	80	82	\$404	798,880	SEAL CRACKS
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTH	173B	1,134	49	55,566	A	AC/AC	76	76	78	\$638	455,763	SEAL CRACKS
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTH	173F	531	37	19,647	A	AC/AC	81	81	83	\$156	878,337	SEAL CRACKS
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTH	173G	956	29	27,724	A	AC/AC	78	78	80	\$283	687,492	SEAL CRACKS

\*\* - 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%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	80	82	\$367	275,448	SEAL CRACKS
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC	83	83	85	\$190	271,880	SEAL CRACKS
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC	86	86	87	\$29	720,836	SEAL CRACKS
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	84	85	\$85	421,502	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	82	84	\$42	319,174	SEAL CRACKS
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	75	77	\$347	364,178	SEAL CRACKS
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	77	79	\$184	267,422	SEAL CRACKS
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	76	78	\$350	265,823	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	79	81	\$134	273,983	SEAL CRACKS
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	73	76	\$110	331,363	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	87	88	\$167	332,255	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	79	81	\$287	297,028	SEAL CRACKS
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	75	77	\$239	259,861	SEAL CRACKS
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	73	76	\$244	251,695	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	80	82	\$88	307,887	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	76	78	\$337	269,187	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

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### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	1011	350	34	11,900	R	AC	74	74	76	\$148	255,311	SEAL CRACKS			
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	84	85	\$138	1,068,617	SEAL CRACKS			
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC	85	85	86	\$100	260,489	SEAL CRACKS			
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	84	85	\$97	421,502	SEAL CRACKS			
												Treatment Total		\$8,243				
							Year 2018 Area Total		1,215,391		Year 2018 Total		\$664,979					

### Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC	64	61	100	\$59,914	17,062	Edge Grind 2"OL w/Fabric
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	67	100	\$66,904	15,411	Edge Grind 2"OL w/Fabric
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	63	100	\$59,416	18,358	Edge Grind 2"OL w/Fabric
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	65	100	\$55,461	17,824	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC	70	66	100	\$74,119	17,522	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	63	100	\$100,452	18,311	Edge Grind 2"OL w/Fabric
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	65	100	\$89,737	15,909	Edge Grind 2"OL w/Fabric
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC	68	65	100	\$94,717	15,909	Edge Grind 2"OL w/Fabric

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Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	69	100	\$69,304	21,430	Edge Grind 2"OL w/Fabric	
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	65	100	\$21,271	17,824	Edge Grind 2"OL w/Fabric	
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	69	100	\$43,810	16,561	Edge Grind 2"OL w/Fabric	
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	66	100	\$29,121	17,488	Edge Grind 2"OL w/Fabric	
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	63	100	\$77,654	18,311	Edge Grind 2"OL w/Fabric	
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	68	100	\$152,803	16,902	Edge Grind 2"OL w/Fabric	
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	62	100	\$56,516	18,615	Edge Grind 2"OL w/Fabric	
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	64	100	\$57,307	18,089	Edge Grind 2"OL w/Fabric	
											Treatment Total		\$1,108,506			
SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	SECONE	101D1	611	33	20,163	C	AC	54	49	100	\$71,834	15,946	3"OL w/Fab+33%Digout	
											Treatment Total		\$71,834			
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC	72	69	78	\$61,662	16,774	CrackSeal+SlurrySeal Typ II	
											Treatment Total		\$61,662			
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTH	143E	660	37	24,420	R	AC/AC	80	79	87	\$22,778	17,798	SLURRY SEAL	
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR ST	HARRINGTON DRIVE	FIFTHW	173A	1,287	49	63,063	A	AC	86	84	91	\$58,821	14,904	SLURRY SEAL	
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	85	91	\$7,999	14,048	SLURRY SEAL	
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	83	90	\$21,363	19,024	SLURRY SEAL	

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Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC	75	74	82	\$18,625	15,547	SLURRY SEAL			
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC	85	82	89	\$27,654	14,191	SLURRY SEAL			
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC	76	75	83	\$6,492	16,000	SLURRY SEAL			
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	78	86	\$29,101	18,130	SLURRY SEAL			
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	76	84	\$24,634	18,520	SLURRY SEAL			
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	72	80	\$34,994	17,419	SLURRY SEAL			
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC	86	84	91	\$46,892	14,904	SLURRY SEAL			
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	75	83	\$22,436	18,596	SLURRY SEAL			
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC	76	75	83	\$32,431	16,452	SLURRY SEAL			
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC	77	76	84	\$24,251	16,493	SLURRY SEAL			
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC	79	78	86	\$7,134	17,223	SLURRY SEAL			
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAINE	105A	624	60	37,440	R	AC/AC	76	74	82	\$34,922	13,487	SLURRY SEAL			
												Treatment Total		\$420,527				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC	84	83	84	\$66	265,625	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	81	83	\$186	301,707	SEAL CRACKS			
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC	75	74	76	\$293	244,506	SEAL CRACKS			

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### Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	88	89	\$13	4,324,836	SEAL CRACKS			
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	88	89	\$17	4,324,836	SEAL CRACKS			
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC	74	73	75	\$52	239,973	SEAL CRACKS			
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC	84	83	84	\$166	265,625	SEAL CRACKS			
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC	82	81	82	\$347	267,591	SEAL CRACKS			
												Treatment Total		\$1,140				
							Year 2019 Area Total		1,104,605		Year 2019 Total		\$1,663,669					

### Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	ADLER	117	243	33	8,019	R	AC	66	63	100	\$22,687	13,774	Edge Grind 2"OL w/Fabric
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC	67	64	100	\$55,495	13,628	Edge Grind 2"OL w/Fabric
BANCHERO STREET	BARRACHI WAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC	64	60	100	\$13,990	14,928	Edge Grind 2"OL w/Fabric
CORDILLERAS DRIVE	MACARTHUR STREET	AVENUE DEL ORO	CORDIL	124A	552	33	18,216	R	AC	68	65	100	\$51,535	13,812	Edge Grind 2"OL w/Fabric
FANO LANE	ROBINSON ROAD	JUNIPERO SERRA STREET	FANOLN	237A	454	33	14,982	R	AC/AC	64	61	100	\$42,386	14,316	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTHE	143A	603	30	18,090	A	AC/AC	72	69	100	\$51,178	19,222	Edge Grind 2"OL w/Fabric
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC	66	63	100	\$126,799	14,386	Edge Grind 2"OL w/Fabric

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Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
GREVE LANE	FOURTH STREET EAST	WILKING WAY	GREVEL	109	449	33	14,817	R	AC	68	65	100	\$41,919	13,386	Edge Grind 2"OL w/Fabric	
HUDSON COURT	FRANCE STREET	CUL DE SAC	HUDSON	145	371	33	12,243	R	AC	68	65	100	\$34,637	13,812	Edge Grind 2"OL w/Fabric	
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC	66	63	100	\$23,374	14,386	Edge Grind 2"OL w/Fabric	
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC	71	66	100	\$53,470	13,394	Edge Grind 2"OL w/Fabric	
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC	72	69	100	\$13,164	12,525	Edge Grind 2"OL w/Fabric	
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC	75	69	100	\$36,071	16,227	Edge Grind 2"OL w/Fabric	
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	60	100	\$12,298	14,912	Edge Grind 2"OL w/Fabric	
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECONE	101B	660	32	21,120	C	AC	75	69	100	\$59,750	16,225	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	64	60	100	\$62,806	14,912	Edge Grind 2"OL w/Fabric	
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	69	66	100	\$62,127	14,779	Edge Grind 2"OL w/Fabric	
TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	TOWNE	128	892	33	29,436	R	AC	67	64	100	\$83,277	13,497	Edge Grind 2"OL w/Fabric	
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC	66	62	100	\$60,777	13,994	Edge Grind 2"OL w/Fabric	
WILKING WAY	GREVE LANE	CUL DE SAC	WILKIN	108B	236	33	7,788	R	AC	63	60	100	\$22,033	14,632	Edge Grind 2"OL w/Fabric	
<b>Treatment Total</b>												<b>\$929,773</b>				
APPLETON WAY	CUL DE SAC S. OF AVENIDA ORO	CUL DE SAC N. OF AVENIDA ORO	APPLET	130	328	33	10,824	R	AC	51	47	100	\$39,720	13,290	Edge Grind 2"OL w/Fab+33% Dig	
DENMARK STREET	GARRY LANE	254' WEST OF FIFTH STREET EAST	DENMAR	138B	541	22	11,902	R	AC	47	43	100	\$43,675	13,682	Edge Grind 2"OL w/Fab+33% Dig	
DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC	50	46	100	\$24,234	13,416	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	49	45	100	\$90,018	13,500	Edge Grind 2"OL w/Fab+33% Dig	

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											PCI Before	PCI After					
MCDONELL STREET	WEST FIRST STREET	BROADWAY	MCDONN	165	278	31	8,618	R	AC	48	44	100	\$31,625	13,594	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	48	44	100	\$43,473	13,594	Edge Grind 2"OL w/Fab+33% Dig		
THIRD STREET EAST	CHASE STREET	CUL DE SAC	THIRDE	149A	403	32	12,896	R	AC/AC	52	47	100	\$47,323	13,324	Edge Grind 2"OL w/Fab+33% Dig		
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC	47	43	100	\$14,411	13,682	Edge Grind 2"OL w/Fab+33% Dig		
VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	VIGNA	178	182	23	4,186	R	AC	49	43	100	\$15,361	13,724	Edge Grind 2"OL w/Fab+33% Dig		
												Treatment Total	\$349,840				
ARMSTRONG DRIVE	CHARLES VAN DAMME WAY	EAST NAPA STREET	ARMSTR	113	421	46	19,366	R	AC	77	74	82	\$18,605	12,297	SLURRY SEAL		
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	72	81	\$3,995	12,329	SLURRY SEAL		
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	73	82	\$17,401	12,922	SLURRY SEAL		
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	87	\$44,326	34,804	SLURRY SEAL		
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	88	\$18,875	36,073	SLURRY SEAL		
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	86	\$26,635	32,388	SLURRY SEAL		
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC	79	76	84	\$5,592	12,157	SLURRY SEAL		
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC	88	84	91	\$25,185	13,422	SLURRY SEAL		
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR ROAD	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC	86	85	91	\$9,670	12,551	SLURRY SEAL		
HAYES STREET	ROAD WIDENS	BETTENCOUR T STREET	HAYES	209B	187	33	6,171	R	AC	80	77	85	\$5,929	12,015	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: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC	73	70	79	\$6,848	12,275	SLURRY SEAL			
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPERO	223A	897	37	33,189	R	AC/AC	89	88	93	\$31,885	13,919	SLURRY SEAL			
JUNIPERO SERRA DRIVE	VASQUEZ COURT	FANO LANE	JUNIPERO	223C	379	37	14,023	R	AC/AC	90	89	94	\$13,472	14,069	SLURRY SEAL			
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC	93	86	92	\$8,543	12,987	SLURRY SEAL			
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC	78	75	83	\$18,737	12,255	SLURRY SEAL			
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC	73	70	79	\$20,481	12,275	SLURRY SEAL			
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC	90	86	92	\$45,480	12,641	SLURRY SEAL			
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC	75	72	81	\$39,753	12,329	SLURRY SEAL			
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC	73	70	79	\$6,278	12,275	SLURRY SEAL			
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC	79	76	84	\$9,575	12,157	SLURRY SEAL			
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC	77	71	80	\$18,110	12,418	SLURRY SEAL			
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	77	85	\$9,194	13,626	SLURRY SEAL			
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	83	90	\$23,781	33,958	SLURRY SEAL			
												Treatment Total		\$428,350				
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	70	73	\$401	219,077	SEAL CRACKS			
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC	86	82	84	\$104	259,479	SEAL CRACKS			
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC	75	72	74	\$141	229,012	SEAL CRACKS			

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Scenarios Criteria:





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Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC	80	76	78	\$139	250,876	SEAL CRACKS			
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC	84	81	83	\$82	260,218	SEAL CRACKS			
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC	93	86	87	\$92	681,290	SEAL CRACKS			
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC	93	87	88	\$43	700,933	SEAL CRACKS			
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC	94	89	90	\$84	311,102	SEAL CRACKS			
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC	93	86	87	\$64	941,220	SEAL CRACKS			
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC	92	87	88	\$51	984,641	SEAL CRACKS			
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC	94	88	89	\$280	322,854	SEAL CRACKS			
												Treatment Total		\$1,481				
Year 2020 Area Total							1,121,494	Year 2020 Total				\$1,709,444						

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC	67	63	100	\$69,757	13,396	Edge Grind 2"OL w/Fabric
DONNER AVENUE	EAST MACARTHUR AVENUE	CHASE STREET	DONNER	150A	626	32	20,032	R	AC/AC	70	66	100	\$58,373	12,416	Edge Grind 2"OL w/Fabric
DONNER AVENUE	FRANCE STREET	PATTEN STREET	DONNER	150C	608	32	19,456	R	AC	69	64	100	\$56,694	13,259	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	FRANCE STREET	PATTEN STREET	FIFTHE	143D	684	37	25,308	R	AC/AC	71	67	100	\$73,746	11,946	Edge Grind 2"OL w/Fabric

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Scenarios Criteria:



City of Sonoma  
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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTW	172B	145	37	5,365	R	AC	72	68	100	\$15,634	11,631	Edge Grind 2"OL w/Fabric			
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC	69	64	100	\$65,121	12,948	Edge Grind 2"OL w/Fabric			
JUNIPERO SERRA DRIVE	FANO LANE	VERANO AVENUE	JUNIPER	223D	702	37	25,974	R	AC/AC	70	65	100	\$75,687	12,535	Edge Grind 2"OL w/Fabric			
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC	71	66	100	\$17,213	13,015	Edge Grind 2"OL w/Fabric			
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC	68	63	100	\$52,498	13,337	Edge Grind 2"OL w/Fabric			
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC	72	67	100	\$19,582	12,696	Edge Grind 2"OL w/Fabric			
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC	69	65	100	\$47,585	12,729	Edge Grind 2"OL w/Fabric			
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC	71	65	100	\$28,068	13,223	Edge Grind 2"OL w/Fabric			
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC	69	64	100	\$56,123	13,115	Edge Grind 2"OL w/Fabric			
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN	105C	1,247	37	46,139	R	AC/AC	71	65	100	\$134,447	13,175	Edge Grind 2"OL w/Fabric			
THIRD STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	THIRDW	171B	264	37	9,768	R	AC/AC	72	68	100	\$28,464	11,271	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$798,992				
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC	58	47	100	\$88,243	15,254	3"OL w/Fab+33%Digout			
SECOND STREET EAST	EAST SPAIN STREET	HOUSE #327	SECONE	101E	401	23	9,223	C	AC	61	49	100	\$34,860	15,090	3"OL w/Fab+33%Digout			
												Treatment Total		\$123,103				
CHURCH STREET	SECOND STREET WEST	ALLEY	CHURCH	203C	408	28	11,424	R	AC	55	48	100	\$43,179	12,896	Edge Grind 2"OL w/Fab+33% Dig			
FINE AVENUE	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	FINEAV	153	606	33	19,998	R	AC	55	49	100	\$75,585	12,650	Edge Grind 2"OL w/Fab+33% Dig			

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
YOUNT STREET	KNIGHT STREET	CUL DE SAC	YOUNT	131	266	33	8,778	R	AC	53	46	100	\$33,178	13,004	Edge Grind 2"OL w/Fab+33% Dig
												Treatment Total	\$151,942		
CLAUDIA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	CLAUDI	206	641	31	19,871	R	AC	71	66	76	\$26,901	10,356	CrackSeal+SlurrySeal Typ II
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC	71	66	76	\$23,991	8,523	CrackSeal+SlurrySeal Typ II
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC	67	62	72	\$35,198	8,330	CrackSeal+SlurrySeal Typ II
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC	69	64	74	\$9,125	8,383	CrackSeal+SlurrySeal Typ II
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC	70	65	75	\$9,618	8,443	CrackSeal+SlurrySeal Typ II
												Treatment Total	\$104,833		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	77	85	\$19,952	17,503	SLURRY SEAL
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	83	90	\$24,968	20,885	SLURRY SEAL
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	71	80	\$12,484	14,741	SLURRY SEAL
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	71	80	\$35,478	11,942	SLURRY SEAL
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC	80	75	84	\$53,857	11,853	SLURRY SEAL
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	73	82	\$54,984	20,779	SLURRY SEAL
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC	92	86	93	\$39,107	12,241	SLURRY SEAL
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC	81	76	85	\$10,865	11,752	SLURRY SEAL

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Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

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Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC	92	84	91	\$14,552	13,686	SLURRY SEAL			
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC	92	84	91	\$13,965	13,686	SLURRY SEAL			
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	82	89	\$16,197	12,282	SLURRY SEAL			
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC	79	74	83	\$45,553	11,939	SLURRY SEAL			
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	74	83	\$28,965	17,217	SLURRY SEAL			
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	74	83	\$16,809	11,939	SLURRY SEAL			
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	74	82	\$30,496	11,965	SLURRY SEAL			
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	72	81	\$8,425	16,199	SLURRY SEAL			
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC	93	85	92	\$19,596	12,853	SLURRY SEAL			
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	71	80	\$18,873	11,964	SLURRY SEAL			
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	71	80	\$29,182	12,034	SLURRY SEAL			
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	82	89	\$18,516	12,282	SLURRY SEAL			
												Treatment Total		\$512,824				
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC	94	87	88	\$79	217,008	SEAL CRACKS			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	76	\$455	231,297	SEAL CRACKS			
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC	94	87	88	\$76	217,008	SEAL CRACKS			

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											PCI Before	PCI After			
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC	94	87	88	\$45	638,265	SEAL CRACKS
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC	94	87	88	\$32	217,008	SEAL CRACKS
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC	95	87	88	\$30	882,837	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC	95	88	89	\$4	2,956,859	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC	42	86	87	\$113	850,296	SEAL CRACKS
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC	69	86	87	\$56	850,296	SEAL CRACKS
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTH	173C	1,462	64	93,568	A	AC/AC	62	86	87	\$284	850,296	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC	80	85	86	\$182	1,280,399	SEAL CRACKS
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRST	169G	596	60	35,760	A	AC	77	79	81	\$390	367,470	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTH	112I	130	32	4,160	A	AC	78	79	81	\$46	368,086	SEAL CRACKS
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	79	81	\$223	385,502	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	82	84	\$275	296,778	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	76	\$402	231,334	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC	94	87	88	\$88	217,008	SEAL CRACKS
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC	94	87	88	\$19	638,265	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC	94	87	88	\$48	217,008	SEAL CRACKS
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC	94	87	88	\$79	217,008	SEAL CRACKS

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	591	37	21,867	R	AC/AC	94	87	88	\$49	638,265	SEAL CRACKS
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC	94	87	88	\$20	638,265	SEAL CRACKS
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC	94	87	88	\$24	217,008	SEAL CRACKS
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC	94	86	87	\$202	223,918	SEAL CRACKS
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	77	79	\$395	482,654	SEAL CRACKS
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC	94	89	90	\$118	537,229	SEAL CRACKS
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	86	87	\$73	850,296	SEAL CRACKS
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC	94	87	88	\$39	638,265	SEAL CRACKS
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC	94	87	88	\$34	638,265	SEAL CRACKS
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC	93	87	88	\$12	758,316	SEAL CRACKS
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC	95	88	89	\$4	2,938,742	SEAL CRACKS
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC	94	87	87	\$100	222,869	SEAL CRACKS
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC	94	87	88	\$78	217,008	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: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

										Treatment Total		\$4,124			
AUREO COURT	AVENUE DEL ORO	CUL DE SAC	AUREO	121	146	27	3,942	R	AC	9	0	100	\$36,375	5,348	RECONSTRUCT STRUCTURE (AC)
CARILLO COURT	VERANO AVENUE	CUL DE SAC	CARILL	227	325	33	10,725	R	AC	23	13	100	\$98,965	5,348	RECONSTRUCT STRUCTURE (AC)
										Treatment Total		\$135,340			
Year 2021 Area Total												1,680,751	Year 2021 Total		\$1,831,158

### Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Treatment			Cost	Rating	Treatment
										Current PCI	PCI Before	PCI After			
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	69	100	\$78,036	11,681	Edge Grind 2"OL w/Fabric
										Treatment Total		\$78,036			
SECOND STREET EAST	EAST MACARTHUR	CHASE STREET	SECONE	101A	628	32	20,096	C	AC	63	47	100	\$78,234	14,764	3"OL w/Fab+33%Digout
										Treatment Total		\$78,234			
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	69	78	\$67,541	6,840	CrackSeal+SlurrySeal Typ II
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	68	100	\$13,543	6,918	CrackSeal+SlurrySeal Typ II
										Treatment Total		\$81,084			
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	70	79	\$11,133	11,571	SLURRY SEAL
BRAGG STREET	CLAY STREET	DEAD END NORTH OF COOPER ST	BRAGG	211	335	33	11,055	R	AC	84	78	86	\$11,268	11,186	SLURRY SEAL
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	70	79	\$15,169	15,457	SLURRY SEAL
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	82	\$33,978	12,268	SLURRY SEAL
COOPER STREET	PICKETT DRIVE	BRAGG STREET	COOPER	199	589	33	19,437	R	AC	80	74	82	\$19,811	11,598	SLURRY SEAL
DAVILA COURT	EASTIN DRIVE	CUL DE SAC	DAVILA	140	317	33	10,461	R	AC	82	76	84	\$10,662	11,466	SLURRY SEAL

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	76	84	\$37,530	11,494	SLURRY SEAL
FANO LANE	JUNIPERO	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	78	86	\$38,915	11,691	SLURRY SEAL
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	76	84	\$40,965	11,494	SLURRY SEAL
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC	94	86	92	\$27,821	11,941	SLURRY SEAL
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC	94	86	92	\$29,973	11,941	SLURRY SEAL
FRANCE STREET	OAK LANE	FOURTH STREET EAST	FRANCE	151C	491	35	17,185	C	AC	94	86	92	\$17,516	11,941	SLURRY SEAL
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC	187	158	34	5,372	R	AC	82	76	84	\$5,476	11,466	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	HARASZ	208	640	33	21,120	R	AC	80	74	82	\$21,526	11,598	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	78	86	\$5,862	11,669	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIPER	217	173	27	4,671	R	AC	86	79	87	\$4,761	10,918	SLURRY SEAL
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	75	83	\$14,026	11,581	SLURRY SEAL
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	81	89	\$31,798	13,005	SLURRY SEAL
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	82	\$30,048	12,269	SLURRY SEAL
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC	81	74	83	\$23,612	11,592	SLURRY SEAL
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	83	90	\$30,251	16,402	SLURRY SEAL
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	83	90	\$39,040	16,402	SLURRY SEAL
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	71	80	\$20,450	11,611	SLURRY SEAL
RAY COURT	EASTIN DRIVE	CUL DE SAC	RAYCT	141	183	29	5,307	R	AC	83	77	85	\$5,409	11,349	SLURRY SEAL

\*\* - 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%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC	74	70	79	\$12,129	11,571	SLURRY SEAL			
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC	94	86	92	\$23,587	11,941	SLURRY SEAL			
VASQUEZ COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	VASQUE	229	139	33	4,587	R	AC	81	75	83	\$4,676	11,563	SLURRY SEAL			
												Treatment Total		\$567,392				
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC	64	86	87	\$70	574,548	SEAL CRACKS			
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	86	87	\$78	574,548	SEAL CRACKS			
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC	97	88	89	\$109	300,597	SEAL CRACKS			
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	86	87	\$69	574,548	SEAL CRACKS			
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	86	87	\$65	574,548	SEAL CRACKS			
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC	69	72	74	\$40	215,735	SEAL CRACKS			
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR DRIVE ST	HARRINGTON	FIFTHW	173A	1,287	49	63,063	A	AC	86	83	85	\$516	358,262	SEAL CRACKS			
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	84	85	\$68	350,723	SEAL CRACKS			
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	84	85	\$138	580,655	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	76	78	\$269	238,569	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	66	86	87	\$117	574,548	SEAL CRACKS			

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FOURTE	112C	636	29	18,444	R	AC	74	78	80	\$213	338,997	SEAL CRACKS
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC	85	84	85	\$241	293,530	SEAL CRACKS
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	84	85	\$197	401,815	SEAL CRACKS
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	79	81	\$337	356,434	SEAL CRACKS
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	78	80	\$313	350,882	SEAL CRACKS
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	76	78	\$492	320,719	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	86	87	\$105	574,548	SEAL CRACKS
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC	68	86	87	\$110	574,548	SEAL CRACKS
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC	86	83	85	\$411	358,262	SEAL CRACKS
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	77	79	\$298	345,890	SEAL CRACKS
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	86	87	\$79	825,530	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	86	87	\$25	574,548	SEAL CRACKS
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	86	87	\$51	574,548	SEAL CRACKS
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	86	87	\$34	574,548	SEAL CRACKS
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	86	87	\$91	574,548	SEAL CRACKS
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	86	87	\$178	574,548	SEAL CRACKS
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	86	87	\$66	574,548	SEAL CRACKS

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 4 Improve PCI by 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	86	87	\$67	574,548	SEAL CRACKS			
SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	SECONE	101D1	611	33	20,163	C	AC	54	86	87	\$65	574,548	SEAL CRACKS			
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC	72	73	76	\$690	409,339	SEAL CRACKS			
												Treatment Total		\$5,688				
AUSTIN AVENUE	EAST MACARTHUR STREET	CHASE STREET	AUSTIN	162A	611	36	21,996	R	AC	28	14	100	\$209,057	5,192	RECONSTRUCT STRUCTURE (AC)			
AUSTIN AVENUE	CHASE STREET	FRANCE STREET	AUSTIN	162B	615	36	22,140	R	AC	18	2	100	\$210,426	5,192	RECONSTRUCT STRUCTURE (AC)			
AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693	AVENUE	120B	801	33	26,433	R	AC	31	19	100	\$251,228	5,192	RECONSTRUCT STRUCTURE (AC)			
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC	10	0	100	\$77,708	5,192	RECONSTRUCT STRUCTURE (AC)			
FIRST STREET WEST	HOUSE #344	HIKING PATH	FIRSTW	169I	571	32	18,272	A	AC	14	0	100	\$214,794	6,363	RECONSTRUCT STRUCTURE (AC)			
FIRST STREET WEST	HIKING PATH	MOUNTAIN CEMETERY ROAD	FIRSTW	169J	1,109	31	34,379	A	AC	22	4	100	\$404,136	6,363	RECONSTRUCT STRUCTURE (AC)			
MAPLE STREET	FIRST STREET WEST	BROADWAY	MAPLE	166	266	28	7,448	R	AC	18	3	100	\$70,789	5,192	RECONSTRUCT STRUCTURE (AC)			
												Treatment Total		\$1,438,138				
							Year 2022 Area Total		1,651,686	Year 2022 Total		\$2,248,572						
							Total Section Area:		6,773,927	Grand Total		\$8,117,822						

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2018	25%	\$2,352,118	II	\$8,504	Non-Project	\$588,620	\$0	\$4,907,371	Funded	\$0
			III	\$1,542,964					Unmet	\$37,895
			IV	\$209,697	Project	\$0	\$0	\$4,907,371	Funded	\$0
			V	\$0						
			Total	\$1,761,165						
			Project	\$0						
2019	25%	\$2,352,118	II	\$90,337	Non-Project	\$590,155	\$0	\$4,782,256	Funded	\$0
			III	\$1,334,897					Unmet	\$9,747
			IV	\$336,634	Project	\$0	\$0	\$4,782,256	Funded	\$0
			V	\$0						
			Total	\$1,761,868						
			Project	\$0						
2020	25%	\$2,352,118	II	\$108,149	Non-Project	\$603,780	\$0	\$3,469,443	Funded	\$0
			III	\$469,941					Unmet	\$0
			IV	\$79,535	Project	\$0	\$0	\$3,469,443	Funded	\$0
			V	\$1,087,366						
			Total	\$1,744,991						
			Project	\$0						
2021	25%	\$2,352,118	II	\$9,293	Non-Project	\$615,492	\$0	\$2,181,556	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$241,867	Project	\$0	\$0	\$2,181,556	Funded	\$0
			V	\$1,483,633						
			Total	\$1,734,793						
			Project	\$0						
2022	25%	\$2,352,118	II	\$48,008	Non-Project	\$610,946	\$0	\$461,510	Funded	\$0
			III	\$78,036					Unmet	\$0
			IV	\$0	Project	\$0	\$0	\$461,510	Funded	\$0
			V	\$1,612,026						
			Total	\$1,738,070						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,257,041	\$609,773	\$0	\$4,563
Collector	\$1,419,323	\$533,387	\$0	\$317
Residential/Local	\$6,064,523	\$1,865,833	\$0	\$42,762
<b>Grand Total:</b>	<b>\$8,740,887</b>	<b>\$3,008,993</b>	<b>\$0</b>	<b>\$47,642</b>



# Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$2,352,118	25%	2020	\$2,352,118	25%	2022	\$2,352,118	25%
2019	\$2,352,118	25%	2021	\$2,352,118	25%			

## Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2018	73	78	11.44	23.44
2019	71	80	8.09	16.19
2020	69	81	7.09	14.18
2021	67	83	11.73	24.02
2022	65	85	9.00	17.99

## Percent Network Area by Functional Class and Condition Category

Condition in base year 2018, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	13.8%	12.9%	42.3%	0.0%	69.0%
II / III	2.3%	6.7%	11.7%	0.0%	20.6%
IV	0.6%	0.0%	3.8%	0.0%	4.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2018 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.7%	18.3%	44.7%	0.0%	79.7%
II / III	0.0%	1.2%	9.7%	0.0%	10.9%
IV	0.0%	0.0%	3.4%	0.0%	3.4%
V	0.9%	0.0%	5.1%	0.0%	5.9%
Total	17.6%	19.6%	62.9%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	17.6%	19.6%	59.3%	0.0%	96.4%
II / III	0.0%	0.0%	2.5%	0.0%	2.5%
IV	0.0%	0.0%	0.4%	0.0%	0.4%
V	0.0%	0.0%	0.7%	0.0%	0.7%
Total	17.6%	19.6%	62.9%	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2018	\$2,352,118	25%	2020	\$2,352,118	25%	2022	\$2,352,118	25%
2019	\$2,352,118	25%	2021	\$2,352,118	25%			

### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC	64	63	100	\$58,168	16,835	Edge Grind 2"OL w/Fabric
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	69	100	\$64,955	15,020	Edge Grind 2"OL w/Fabric
BANCHERO STREET	BARRACHI WAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC	64	63	100	\$13,187	14,836	Edge Grind 2"OL w/Fabric
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	66	100	\$57,686	18,131	Edge Grind 2"OL w/Fabric
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	68	100	\$53,846	17,540	Edge Grind 2"OL w/Fabric
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTE	143B	683	27	18,441	A	AC/AC	69	69	100	\$49,176	20,222	Edge Grind 2"OL w/Fabric
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTHW	173C	1,462	64	93,568	A	AC/AC	62	62	100	\$249,515	24,457	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRSTE	100C	771	35	26,985	C	AC	70	69	100	\$71,960	17,207	Edge Grind 2"OL w/Fabric
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRSTE	100D	892	41	36,572	C	AC	66	66	100	\$97,526	18,079	Edge Grind 2"OL w/Fabric
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC	63	63	100	\$32,310	15,259	Edge Grind 2"OL w/Fabric
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	67	100	\$87,123	15,576	Edge Grind 2"OL w/Fabric
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC	68	67	100	\$91,958	15,576	Edge Grind 2"OL w/Fabric
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC	66	66	100	\$22,032	14,188	Edge Grind 2"OL w/Fabric
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	68	100	\$20,651	17,540	Edge Grind 2"OL w/Fabric

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC	61	60	100	\$17,246	15,552	Edge Grind 2"OL w/Fabric		
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINA AV	154	328	33	10,824	R	AC	63	63	100	\$28,864	15,091	Edge Grind 2"OL w/Fabric		
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	64	100	\$11,592	14,802	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	69	100	\$28,272	17,170	Edge Grind 2"OL w/Fabric		
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	66	100	\$75,392	18,079	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	EAST MACARTHUR STREET	CHASE STREET	SECONE	101A	628	32	20,096	C	AC	63	62	100	\$53,590	19,186	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	65	100	\$54,870	18,417	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	67	100	\$55,638	17,833	Edge Grind 2"OL w/Fabric		
SECOND STREET EAST	BLUE WING DRIVE	HOUSE #80	SECONE	101H	290	34	9,860	R	AC	63	63	100	\$26,294	14,758	Edge Grind 2"OL w/Fabric		
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC	62	62	100	\$12,384	15,370	Edge Grind 2"OL w/Fabric		
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAIN E	105B	655	37	24,235	R	AC/AC	61	60	100	\$64,627	15,362	Edge Grind 2"OL w/Fabric		
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAIN W	204E	650	37	24,050	A	AC/AC	64	63	100	\$64,134	24,420	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	64	64	100	\$59,200	14,802	Edge Grind 2"OL w/Fabric		
WILKING WAY	GREVE LANE	CUL DE SAC	WILKIN	108B	236	33	7,788	R	AC	63	63	100	\$20,768	14,522	Edge Grind 2"OL w/Fabric		
											Treatment Total		\$1,542,964				
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC	42	42	100	\$128,671	23,529	3"OL w/Fab+33%Digout		
											Treatment Total		\$128,671				
ELLIOT STREET	CUL DE SAC @ KNIGHT STREET	CUL DE SAC NORTH OF TOWNE ST	ELLIOT	129	464	33	15,312	R	AC	43	43	100	\$52,963	14,484	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%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC	47	47	100	\$13,584	14,092	Edge Grind 2"OL w/Fab+33% Dig		
VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	VIGNA	178	182	23	4,186	R	AC	49	48	100	\$14,479	14,125	Edge Grind 2"OL w/Fab+33% Dig		
												Treatment Total		\$81,026			
NEIL COURT	BEASLEY WAY	CUL DE SAC	NEILCT	133	208	33	6,864	R	AC	62	62	72	\$8,504	10,665	CrackSeal+SlurrySeal Typ II		
												Treatment Total		\$8,504			
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	75	83	\$3,766	12,985	SLURRY SEAL		
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC	80	80	88	\$22,114	18,188	SLURRY SEAL		
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR DRIVE ST	HARRINGTON	FIFTHW	173A	1,287	49	63,063	A	AC	86	86	92	\$57,108	13,024	SLURRY SEAL		
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTHW	173D	619	37	22,903	A	AC/AC	84	84	91	\$20,740	17,295	SLURRY SEAL		
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTHW	173E	1,111	37	41,107	A	AC/AC	80	80	88	\$37,225	37,044	SLURRY SEAL		
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC	79	79	87	\$5,271	12,267	SLURRY SEAL		
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRSTW	169G	596	60	35,760	A	AC	77	77	85	\$32,383	18,870	SLURRY SEAL		
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC	75	75	84	\$18,083	16,027	SLURRY SEAL		
FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FOURTE	112C	636	29	18,444	R	AC	74	74	82	\$16,703	17,920	SLURRY SEAL		
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTE	112I	130	32	4,160	A	AC	78	77	85	\$3,768	18,834	SLURRY SEAL		
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTE	112O	942	32	29,648	C	AC	85	84	91	\$26,848	14,227	SLURRY SEAL		
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	79	87	\$21,965	19,675	SLURRY SEAL		

\*\* - Treatment from Project Selection

Scenarios Criteria:



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# Scenarios - Sections Selected for Treatment

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Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
HAYES STREET	ROAD WIDENS	BETTENCOUR T STREET	HAYES	209B	187	33	6,171	R	AC	80	80	88	\$5,589	11,924	SLURRY SEAL
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC	73	73	82	\$6,455	13,096	SLURRY SEAL
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC	76	76	84	\$6,303	16,562	SLURRY SEAL
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	80	88	\$28,254	17,875	SLURRY SEAL
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	78	86	\$23,916	18,646	SLURRY SEAL
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC	73	73	82	\$19,305	13,096	SLURRY SEAL
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	75	84	\$19,718	19,256	SLURRY SEAL
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	73	82	\$33,975	18,081	SLURRY SEAL
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC	73	73	82	\$5,917	13,096	SLURRY SEAL
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	77	85	\$21,783	18,870	SLURRY SEAL
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC	76	76	84	\$31,487	16,958	SLURRY SEAL
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC	77	76	84	\$17,070	14,190	SLURRY SEAL
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC	77	77	85	\$23,545	17,040	SLURRY SEAL
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC	79	79	87	\$6,926	17,745	SLURRY SEAL
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAIN E	105A	624	60	37,440	R	AC/AC	76	75	84	\$33,904	13,775	SLURRY SEAL
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	73	82	\$30,256	25,520	SLURRY SEAL

\*\* - Treatment from Project Selection

Scenarios Criteria:



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Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

													Treatment Total		\$580,377	
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	75	77	\$586	202,905	SEAL CRACKS	
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	80	81	\$187	422,310	SEAL CRACKS	
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	85	86	\$110	820,575	SEAL CRACKS	
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	74	77	\$156	314,388	SEAL CRACKS	
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	74	76	\$136	255,311	SEAL CRACKS	
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	73	76	\$464	250,987	SEAL CRACKS	
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	80	82	\$99	37,291	SEAL CRACKS	
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	72	75	\$200	325,236	SEAL CRACKS	
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	79	81	\$324	296,979	SEAL CRACKS	
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	76	78	\$207	269,187	SEAL CRACKS	
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	80	82	\$336	275,448	SEAL CRACKS	
FANO LANE	JUNIPERO SERRA STREET	FIFTH STREET WEST	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	82	84	\$274	321,774	SEAL CRACKS	
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	82	\$404	798,880	SEAL CRACKS	
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	76	78	\$638	455,763	SEAL CRACKS	
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	83	\$156	878,337	SEAL CRACKS	
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	80	\$283	687,492	SEAL CRACKS	
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	80	82	\$367	275,448	SEAL CRACKS	

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Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC	83	83	85	\$190	271,880	SEAL CRACKS
GARLAND COURT	DEAD END SOUTH OF WHITE BRIAR	CUL DE SAC NORTH OF WHITEBRIAR	GARLAN	216	305	33	10,065	R	AC/AC	86	86	87	\$29	720,836	SEAL CRACKS
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	84	85	\$85	421,502	SEAL CRACKS
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	82	84	\$42	319,174	SEAL CRACKS
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	75	77	\$347	364,178	SEAL CRACKS
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	77	79	\$184	267,422	SEAL CRACKS
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	76	78	\$350	265,823	SEAL CRACKS
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	79	81	\$134	273,983	SEAL CRACKS
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	73	76	\$110	331,363	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	87	88	\$167	332,255	SEAL CRACKS
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	79	81	\$287	297,028	SEAL CRACKS
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	75	77	\$239	259,861	SEAL CRACKS
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	73	76	\$244	251,695	SEAL CRACKS
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	80	82	\$88	307,887	SEAL CRACKS
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	76	78	\$337	269,187	SEAL CRACKS
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC	74	74	76	\$148	255,311	SEAL CRACKS

\*\* - Treatment from Project Selection

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Inflation: 3.00%

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Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

### Year: 2018

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment		
											PCI Before	PCI After					
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	84	85	\$138	1,068,617	SEAL CRACKS		
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC	85	85	86	\$100	260,489	SEAL CRACKS		
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	84	85	\$97	421,502	SEAL CRACKS		
												Treatment Total		\$8,243			
							Year 2018 Area Total		2,147,610		Year 2018 Total		\$2,349,785				

### Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
ALDER COURT	WILLIAM CUNNINGHAM AVENUE	CUL DE SAC	ADLER	117	243	33	8,019	R	AC	66	65	100	\$22,026	13,671	Edge Grind 2"OL w/Fabric
ARROYO WAY	FOURTH STREET WEST	THIRD STREET WEST	ARROY	180	613	32	19,616	R	AC	67	65	100	\$53,879	13,515	Edge Grind 2"OL w/Fabric
CORDILLERAS DRIVE	MACARTHUR STREET	AVENUE DEL ORO	CORDIL	124A	552	33	18,216	R	AC	68	66	100	\$50,034	13,689	Edge Grind 2"OL w/Fabric
COX STREET	DEAD END SOUTH OF BEASLEY WAY	NEWCOMB STREET	COXST	191	647	37	23,939	R	AC	67	66	100	\$65,753	13,169	Edge Grind 2"OL w/Fabric
DONNER AVENUE	FRANCE STREET	PATTEN STREET	DONNER	150C	608	32	19,456	R	AC	69	67	100	\$53,440	12,993	Edge Grind 2"OL w/Fabric
FANO LANE	ROBINSON ROAD	JUNIPERO SERRA STREET	FANOLN	237A	454	33	14,982	R	AC/AC	64	62	100	\$41,151	14,260	Edge Grind 2"OL w/Fabric
FIRST STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	FIRSTW	169F	1,245	36	44,820	R	AC	66	64	100	\$123,106	14,308	Edge Grind 2"OL w/Fabric
FOURTH STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FOURTW	172E	604	37	22,348	R	AC	69	67	100	\$61,383	12,655	Edge Grind 2"OL w/Fabric
GREVE LANE	FOURTH STREET EAST	WILKING WAY	GREVEL	109	449	33	14,817	R	AC	68	67	100	\$40,698	13,247	Edge Grind 2"OL w/Fabric

\*\* - Treatment from Project Selection



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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
HUDSON COURT	FRANCE STREET	CUL DE SAC	HUDSON	145	371	33	12,243	R	AC	68	66	100	\$33,628	13,689	Edge Grind 2"OL w/Fabric			
MERRITT COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	MERRIT	228	179	33	5,907	R	AC	71	69	100	\$16,225	12,676	Edge Grind 2"OL w/Fabric			
MONTINI LANE	4TH ST WEST	5TH ST WEST	MONTIN	253	630	30	18,900	R	AC	71	68	100	\$51,912	13,235	Edge Grind 2"OL w/Fabric			
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	69	100	\$69,304	21,430	Edge Grind 2"OL w/Fabric			
NICOLI LANE	FOURTH STREET WEST	CUL DE SAC	NICOLI	181	563	32	18,016	R	AC	68	66	100	\$49,484	13,097	Edge Grind 2"OL w/Fabric			
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	69	100	\$43,810	16,561	Edge Grind 2"OL w/Fabric			
PERKINS STREET	PARKING LOT W. OF BARRACHI WAY	THIRD STREET WEST	PERKIN	168A	301	32	9,632	R	AC	71	69	100	\$26,456	12,915	Edge Grind 2"OL w/Fabric			
ROSALIE DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	ROSALI	205	642	30	19,260	R	AC	69	67	100	\$52,901	12,837	Edge Grind 2"OL w/Fabric			
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	68	100	\$152,803	16,902	Edge Grind 2"OL w/Fabric			
EAST SPAIN STREET	SECOND STREET EAST	FOURTH STREET EAST	SPAIN	105C	1,247	37	46,139	R	AC/AC	71	68	100	\$126,729	12,875	Edge Grind 2"OL w/Fabric			
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	69	67	100	\$60,317	14,422	Edge Grind 2"OL w/Fabric			
TOWNE STREET	EAST MACARTHUR STREET	ELLIOT STREET	TOWNE	128	892	33	29,436	R	AC	67	66	100	\$80,851	13,373	Edge Grind 2"OL w/Fabric			
WILKING WAY	LOVALL VALLEY ROAD	GREVE LANE	WILKIN	108A	651	33	21,483	R	AC	66	64	100	\$59,007	13,907	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$1,334,897				
SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	SECONE	101D1	611	33	20,163	C	AC	54	49	100	\$71,834	15,946	3"OL w/Fab+33%Digout			
												Treatment Total		\$71,834				
APPLETON WAY	CUL DE SAC S. OF AVENIDA ORO	CUL DE SAC N. OF AVENIDA ORO	APPLET	130	328	33	10,824	R	AC	51	49	100	\$38,563	13,451	Edge Grind 2"OL w/Fab+33% Dig			

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											PCI Before	PCI After						
DENMARK STREET	GARRY LANE	254' WEST OF FIFTH STREET EAST	DENMAR	138B	541	22	11,902	R	AC	47	45	100	\$42,403	13,898	Edge Grind 2"OL w/Fab+33% Dig			
DENMARK STREET	254' WEST OF FIFTH STREET EAST	FIFTH STREET EAST	DENMAR	138C	254	26	6,604	R	AC	50	48	100	\$23,528	13,592	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	49	47	100	\$87,396	13,689	Edge Grind 2"OL w/Fab+33% Dig			
MCDONELL STREET	WEST FIRST STREET	BROADWAY	MCDONN	165	278	31	8,618	R	AC	48	46	100	\$30,703	13,797	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	48	46	100	\$42,207	13,797	Edge Grind 2"OL w/Fab+33% Dig			
												Treatment Total		\$264,800				
CLAUDIA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	CLAUDI	206	641	31	19,871	R	AC	71	69	78	\$25,357	11,447	CrackSeal+SlurrySeal Typ II			
EDA COURT	JOAQUIN DRIVE	CUL DE SAC	EDACT	232	130	20	2,600	R	AC	69	67	77	\$3,318	9,121	CrackSeal+SlurrySeal Typ II			
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC	72	69	78	\$61,662	16,774	CrackSeal+SlurrySeal Typ II			
												Treatment Total		\$90,337				
ARMSTRONG DRIVE	CHARLES VAN DAMME WAY	EAST NAPA STREET	ARMSTR	113	421	46	19,366	R	AC	77	76	84	\$18,064	12,560	SLURRY SEAL			
BAUDIN WAY	CASA BONNE LN	DEAD END	BAUDIN	252	186	20	3,720	R	AC	92	88	94	\$3,470	6,161	SLURRY SEAL			
BRAGG STREET	CLAY STREET	DEAD END NORTH OF COOPER ST	BRAGG	211	335	33	11,055	R	AC	84	83	90	\$10,312	10,539	SLURRY SEAL			
CHURCH STREET	FOURTH STREET WEST	THIRD STREET WEST	CHURCH	203B	611	32	19,552	R	AC	84	83	90	\$18,237	10,537	SLURRY SEAL			
CLAY STREET	FRYER CREEK DRIVE	BROADWAY	CLAYST	159A	1,471	37	54,427	R	AC	80	79	86	\$50,766	12,052	SLURRY SEAL			

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Scenario: PTAP-18 - Scenario 5 Budget Needs  
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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
COOPER STREET	PICKETT DRIVE	BRAGG STREET	COOPER	199	589	33	19,437	R	AC	80	79	86	\$18,130	12,052	SLURRY SEAL
DAVILA COURT	EASTIN DRIVE	CUL DE SAC	DAVILA	140	317	33	10,461	R	AC	82	81	88	\$9,758	11,433	SLURRY SEAL
EVANS AVENUE	CUL DE SAC WEST OF BERRYESSA	MANOR DRIVE	EVANS	185	602	33	19,866	R	AC	85	84	90	\$18,530	9,981	SLURRY SEAL
FANO LANE	JUNIPERO SERRA STREET WEST	FIFTH STREET	FANOLN	237B	1,157	33	38,181	R	AC/AC	82	82	89	\$35,613	11,206	SLURRY SEAL
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	85	91	\$7,999	14,048	SLURRY SEAL
FIRST STREET WEST	HOUSE #19995	WEST MACARTHUR STREET	FIRSTW	169D	305	36	10,980	R	AC	81	80	87	\$10,242	11,765	SLURRY SEAL
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC	88	86	92	\$24,452	13,070	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	86	86	92	\$9,388	12,024	SLURRY SEAL
GRANT COURT	MANOR DRIVE	CUL DE SAC	GRANTC	187	158	34	5,372	R	AC	82	81	88	\$5,011	11,432	SLURRY SEAL
HARASZTHY DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	HARASZ	208	640	33	21,120	R	AC	80	79	86	\$19,700	12,052	SLURRY SEAL
HEATHER LANE	DEAD END S. OF WHITEBRIAR DR	ANDRIEUX STREET	HEATHE	214	496	33	16,368	R	AC/AC	84	84	91	\$15,267	11,631	SLURRY SEAL
IVY COURT	HEATHER LANE	CUL DE SAC	IVYCT	215	213	27	5,751	R	AC/AC	82	82	89	\$5,365	11,197	SLURRY SEAL
JOAQUIN DRIVE	LASUEN STREET	FIFTH STREET WEST	JOAQUI	224C	1,395	33	46,035	R	AC	79	78	86	\$42,938	12,273	SLURRY SEAL
JUNIPERO SERRA DRIVE	WEST SPAIN STREET	LASUEN STREET	JUNIPE	223A	897	37	33,189	R	AC/AC	89	88	94	\$30,957	13,357	SLURRY SEAL
LINDA DRIVE	MITCHELL WAY	FIFTH STREET WEST	LINDA	207A	591	33	19,503	R	AC	78	77	85	\$18,191	12,448	SLURRY SEAL
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC	90	88	94	\$44,156	11,792	SLURRY SEAL

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 Average

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Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
WEST MACARTHUR STREET	WEST DEAD END	FIFTH STREET WEST	MACARW	182A	1,061	39	41,379	R	AC	75	74	82	\$38,596	12,692	SLURRY SEAL			
MARIANO DRIVE	FANO LANE	HOUSE #705	MARIAN	225A	302	33	9,966	R	AC	79	78	86	\$9,296	12,273	SLURRY SEAL			
MARIANO DRIVE	HOUSE #705	FIFTH STREET WEST	MARIAN	225B	955	33	31,515	R	AC	83	82	89	\$29,395	11,009	SLURRY SEAL			
MITCHELL WAY	JOAQUIN DRIVE	CUL DE SAC EAST OF LINDA DRIVE	MITCHE	236	702	33	23,166	R	AC	81	79	87	\$21,608	11,997	SLURRY SEAL			
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC	86	84	91	\$46,892	14,904	SLURRY SEAL			
RAY COURT	EASTIN DRIVE	CUL DE SAC	RAYCT	141	183	29	5,307	R	AC	83	82	89	\$4,950	11,009	SLURRY SEAL			
VASQUEZ COURT	JUNIPERO SERRA DRIVE	CUL DE SAC	VASQUE	229	139	33	4,587	R	AC	81	80	87	\$4,279	11,765	SLURRY SEAL			
WHITE BRIAR DRIVE	GARLAND AVENUE	HEATHER LANE	WHITEB	213	567	33	18,711	R	AC/AC	84	84	91	\$17,453	11,631	SLURRY SEAL			
												Treatment Total		\$589,015				
ARGUELLO COURT	ROBINSON ROAD	CUL DE SAC	ARGUEL	238	249	33	8,217	R	AC	84	83	84	\$66	265,625	SEAL CRACKS			
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	81	83	\$186	301,707	SEAL CRACKS			
LASUEN STREET	ROBINSON ROAD	JOAQUIN DRIVE	LASUEN	235A	603	37	22,311	R	AC	75	74	76	\$293	244,506	SEAL CRACKS			
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	88	89	\$13	4,324,836	SEAL CRACKS			
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	88	89	\$17	4,324,836	SEAL CRACKS			
OFARREL COURT	ROBINSON ROAD	CUL DE SAC	OFARRE	241	115	33	3,795	R	AC	74	73	75	\$52	239,973	SEAL CRACKS			
ROBINSON ROAD	PALOU STREET	LASUEN STREET	ROBINR	222A	626	33	20,658	R	AC	84	83	84	\$166	265,625	SEAL CRACKS			
ROBINSON ROAD	LASUEN STREET	150' NORTH OF FANO LANE	ROBINR	222B	1,149	33	37,917	R	AC	82	81	82	\$347	267,591	SEAL CRACKS			
												Treatment Total		\$1,140				

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Scenario: PTAP-18 - Scenario 5 Budget Needs Average

Year 2019 Area Total      1,464,458      Year 2019 Total      \$2,352,023

### Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
DONNER AVENUE	EAST MACARTHUR AVENUE	CHASE STREET	DONNER	150A	626	32	20,032	R	AC/AC	70	67	100	\$56,672	12,256	Edge Grind 2"OL w/Fabric			
FIFTH STREET EAST	DENMARK STREET	ESTE MADERA LANE	FIFTH	143A	603	30	18,090	A	AC/AC	72	69	100	\$51,178	19,222	Edge Grind 2"OL w/Fabric			
FIFTH STREET EAST	FRANCE STREET	PATTEN STREET	FIFTH	143D	684	37	25,308	R	AC/AC	71	68	100	\$71,599	11,757	Edge Grind 2"OL w/Fabric			
FOURTH STREET WEST	175' NORTH OF ARROYO WAY	BETTENCOURT STREET	FOURTH	172B	145	37	5,365	R	AC	72	69	100	\$15,178	11,421	Edge Grind 2"OL w/Fabric			
JUNIPERO SERRA DRIVE	FANO LANE	VERANO AVENUE	JUNIPERO	223D	702	37	25,974	R	AC/AC	70	67	100	\$73,483	12,381	Edge Grind 2"OL w/Fabric			
ORTEGA COURT	MARIANO DRIVE	CUL DE SAC	ORTEGA	226	141	33	4,653	R	AC	72	69	100	\$13,164	12,525	Edge Grind 2"OL w/Fabric			
OSENDA COURT	JOAQUIN DRIVE	CUL DE SAC	OSENDA	234	105	64	6,720	R	AC	72	69	100	\$19,012	12,525	Edge Grind 2"OL w/Fabric			
PATTEN STREET	OAK LANE	FOURTH STREET EAST	PATTEN	152D	510	25	12,750	C	AC	75	69	100	\$36,071	16,227	Edge Grind 2"OL w/Fabric			
PATTEN STREET	FIFTH STREET EAST	CHARLES VAN DAMME WAY	PATTEN	152F	355	46	16,330	R	AC	69	66	100	\$46,199	12,587	Edge Grind 2"OL w/Fabric			
SECOND STREET EAST	CHASE STREET	FRANCE STREET	SECON	101B	660	32	21,120	C	AC	75	69	100	\$59,750	16,225	Edge Grind 2"OL w/Fabric			
THIRD STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	THIRDW	171B	264	37	9,768	R	AC/AC	72	69	100	\$27,635	11,046	Edge Grind 2"OL w/Fabric			
												Treatment Total		\$469,941				
THIRD STREET EAST	CHASE STREET	CUL DE SAC	THIRDE	149A	403	32	12,896	R	AC/AC	52	47	100	\$47,323	13,324	Edge Grind 2"OL w/Fab+33% Dig			
YOUNT STREET	KNIGHT STREET	CUL DE SAC	YOUNT	131	266	33	8,778	R	AC	53	49	100	\$32,212	13,168	Edge Grind 2"OL w/Fab+33% Dig			
												Treatment Total		\$79,535				
DENMARK STREET	DEAD END WEST OF BROCKMAN DR	GARRY LANE	DENMAR	138A	537	33	17,721	R	AC	71	68	77	\$23,292	8,881	CrackSeal+SlurrySeal Typ II			

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											PCI Before	PCI After				
ENGLER STREET	BROCKMAN DRIVE	FIFTH STREET WEST	ENGLER	246	1,000	26	26,000	R	AC	67	64	74	\$34,173	8,710	CrackSeal+SlurrySeal Typ II	
FIRST STREET WEST	MALET STREET	HOUSE #19995	FIRSTW	169C	337	20	6,740	R	AC	69	66	75	\$8,859	8,751	CrackSeal+SlurrySeal Typ II	
NATALINA COURT	JOAQUIN DRIVE	CUL DE SAC	NATALI	233	111	64	7,104	R	AC	70	67	76	\$9,338	8,804	CrackSeal+SlurrySeal Typ II	
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC	64	61	71	\$32,487	9,678	CrackSeal+SlurrySeal Typ II	
Treatment Total												\$108,149				
ANDRIEUX STREET	CUL DE SAC	FIFTH STREET	ANDRIE	167A	1,242	39	48,438	R	AC/AC	75	73	82	\$46,535	9,560	SLURRY SEAL	
BROCKMAN DRIVE	DENMARK STREET	CUL DE SAC	BROCKM	137A	664	33	21,912	R	AC	90	86	92	\$21,051	7,728	SLURRY SEAL	
CASA BONNE LANE	4TH ST WEST	BAUDIN WAY	CASABO	251	336	20	6,720	R	AC	92	86	93	\$6,456	7,566	SLURRY SEAL	
CHASE STREET	SECOND STREET EAST	THIRD STREET EAST	CHASES	119B	566	32	18,112	C	AC	77	73	82	\$17,401	12,922	SLURRY SEAL	
DANIEL YOUNG DRIVE	CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	DANIEL	118	433	37	16,021	R	AC	86	83	90	\$15,392	10,060	SLURRY SEAL	
EASTIN DRIVE	DENMARK STREET	FIFTH STREET EAST	EASTIN	139	1,308	33	43,164	R	AC	85	82	89	\$41,468	10,520	SLURRY SEAL	
ESTE MADERA LANE	EAST FIFTH STREET	ESTE MADERA DRIVE	ESTELN	135	232	33	7,656	R	AC	87	84	91	\$7,356	9,535	SLURRY SEAL	
FIFTH STREET EAST	EAST MACARTHUR STREET	FRANCE STREET	FIFTHE	143C	1,247	37	46,139	A	AC/AC	80	80	87	\$44,326	34,804	SLURRY SEAL	
FIFTH STREET WEST	CLAUDIA DRIVE	HARASZTHY DRIVE	FIFTHW	173F	531	37	19,647	A	AC/AC	81	81	88	\$18,875	36,073	SLURRY SEAL	
FIFTH STREET WEST	HARASZTHY DRIVE	VERANO AVENUE	FIFTHW	173G	956	29	27,724	A	AC/AC	78	78	86	\$26,635	32,388	SLURRY SEAL	
FIRST STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	FIRSTE	100B	608	65	39,520	C	AC	92	88	94	\$37,968	11,397	SLURRY SEAL	
FIRST STREET WEST	HOUSE #20054	MALET STREET	FIRSTW	169B	354	26	9,204	R	AC	85	82	89	\$8,843	10,519	SLURRY SEAL	
FIRST STREET WEST	WEST SPAIN STREET	HOUSE #344	FIRSTW	169H	387	38	14,706	A	AC	92	86	93	\$14,129	11,746	SLURRY SEAL	

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											PCI Before	PCI After			
FOURTH STREET EAST	EAST NAPA STREET	NATHANSON CREEK	FOURTE	112H	504	28	14,112	A	AC	92	86	93	\$13,558	11,746	SLURRY SEAL
FOURTH STREET WEST	WEST SPAIN ST	300' N OF CASA BONNE	FOURTW	172H	580	30	17,400	R	AC	88	84	90	\$16,717	9,656	SLURRY SEAL
HARRINGTON DRIVE	FIFTH STREET WEST	LOT # 440/PAVE CHG	HARRIN	190	365	26	9,490	R	AC	86	83	90	\$9,118	10,058	SLURRY SEAL
INGRAM DRIVE	ENGLER STREET	DEAD END	INGRAM	242	750	26	19,500	R	AC	90	86	92	\$18,734	7,726	SLURRY SEAL
JOAQUIN DRIVE	100' SOUTH OF MITCHELL WAY	LASUEN STREET	JOAQUI	224B	546	33	18,018	R	AC	90	86	92	\$17,310	7,725	SLURRY SEAL
JUNIPER COURT	WHITE BRIAR DRIVE	CUL DE SAC	JUNIPER	217	173	27	4,671	R	AC	86	82	89	\$4,488	10,393	SLURRY SEAL
JUNIPERO SERRA DRIVE	VASQUEZ COURT	FANO LANE	JUNIPER	223C	379	37	14,023	R	AC/AC	90	89	94	\$13,472	14,069	SLURRY SEAL
LA QUINTA LANE	FIFTH STREET WEST	BERRYESSA DRIVE	LAQUIN	212	636	33	20,988	R	AC	86	83	90	\$20,164	10,058	SLURRY SEAL
LASUEN STREET	JOAQUIN DRIVE	FIFTH STREET WEST	LASUEN	235B	919	37	34,003	R	AC	86	83	90	\$32,667	10,058	SLURRY SEAL
LEE COURT	MANOR DRIVE	CUL DE SAC	LEECT	183	159	42	6,678	R	AC	90	86	92	\$6,416	7,725	SLURRY SEAL
LEVERONI ROAD	234' WEST OF BROADWAY	BROADWAY	LEVERO	160C	234	38	8,892	A	AC/AC	93	86	92	\$8,543	12,987	SLURRY SEAL
MANOR DRIVE	HIKING PATH	WEST MACARTHUR STREET	MANOR	189B	1,186	34	40,324	R	AC	85	82	89	\$38,740	10,519	SLURRY SEAL
EAST NAPA STREET	BROADWAY	FIRST STREET EAST	NAPAE	161A	287	69	19,803	A	AC	93	87	93	\$19,025	10,541	SLURRY SEAL
OAK LANE	EAST MACARTHUR STREET	CHASE STREET	OAK	147A	630	32	20,160	R	AC	89	86	92	\$19,368	8,351	SLURRY SEAL
PUEBLO AVENUE	TEMP DEAD END S	BROCKMAN LANE	PUEBLA	157A	110	30	3,300	R	AC	92	87	93	\$3,171	7,317	SLURRY SEAL
SECOND STREET EAST	HOUSE #327	HIKING PATH	SECONE	101F	290	33	9,570	C	AC	81	77	85	\$9,194	13,626	SLURRY SEAL
WEST SPAIN STREET	FIFTH STREET WEST	FOURTH STREET WEST	SPAINW	204C	669	37	24,753	A	AC/AC	84	83	90	\$23,781	33,958	SLURRY SEAL
STUDLEY STREET	SIXTH STREET WEST	FIFTH STREET WEST	STUDLE	220C1	629	37	22,273	R	AC	87	84	91	\$21,398	9,535	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

											Treatment Total		\$602,299			
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	70	73	\$401	219,077	SEAL CRACKS	
BROCKMAN DRIVE	JONES STREET	LOT #366/PAVE CHG	BROCKM	137C	405	30	12,150	R	AC	86	82	84	\$104	259,479	SEAL CRACKS	
CORDILLERAS DRIVE	AVENUE DEL ORO	PRIVATE DRIVE	CORDIL	124B	297	33	9,801	R	AC	75	72	74	\$141	229,012	SEAL CRACKS	
FOURTH STREET WEST	WEST MACARTHUR STREET	175' NORTH OF ARROYO WAY	FOURTW	172A	646	18	11,628	R	AC	80	76	78	\$139	250,876	SEAL CRACKS	
FOURTH STREET WEST	ANDRIEUX STREET	NORTH DEAD END	FOURTW	172D	445	20	8,900	R	AC	84	81	83	\$82	260,218	SEAL CRACKS	
EAST MACARTHUR STREET	AUSTIN STREET	THIRD STREET EAST	MACARE	133B	988	37	36,556	C	AC/AC	93	86	87	\$92	681,290	SEAL CRACKS	
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC	93	87	88	\$43	700,933	SEAL CRACKS	
SECOND STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	SECOND	170D	616	29	17,864	C	AC	94	89	90	\$84	311,102	SEAL CRACKS	
WEST SPAIN STREET	SECOND STREET WEST	FIRST STREET WEST	SPAINW	204G	652	37	24,124	A	AC/AC	93	86	87	\$64	941,220	SEAL CRACKS	
THIRD STREET WEST	ANDRIEUX STREET	ROBINSON STREET	THIRDW	171C	896	37	33,152	C	AC/AC	92	87	88	\$51	984,641	SEAL CRACKS	
VERANO AVENUE	FIFTH STREET WEST	CITY LIMITS/HOUSE #775	VERANO	239	1,455	37	53,835	A	AC	94	88	89	\$280	322,854	SEAL CRACKS	
											Treatment Total		\$1,481			
AUREO COURT	AVENUE DEL ORO	CUL DE SAC	AUREO	121	146	27	3,942	R	AC	9	1	100	\$35,316	5,508	RECONSTRUCT STRUCTURE (AC)	
AUSTIN AVENUE	EAST MACARTHUR STREET	CHASE STREET	AUSTIN	162A	611	36	21,996	R	AC	28	20	100	\$197,056	5,508	RECONSTRUCT STRUCTURE (AC)	
AUSTIN AVENUE	CHASE STREET	FRANCE STREET	AUSTIN	162B	615	36	22,140	R	AC	18	9	100	\$198,346	5,508	RECONSTRUCT STRUCTURE (AC)	
EL NIDO COURT	AVENUE DEL ORO	CUL DE SAC	ELNIDO	122	292	28	8,176	R	AC	10	2	100	\$73,247	5,508	RECONSTRUCT STRUCTURE (AC)	
FIRST STREET WEST	HOUSE #344	HIKING PATH	FIRSTW	169I	571	32	18,272	A	AC	14	5	100	\$202,464	6,751	RECONSTRUCT STRUCTURE (AC)	

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FIRST STREET WEST	HIKING PATH	MOUNTAIN CEMETERY ROAD	FIRSTW	169J	1,109	31	34,379	A	AC	22	14	100	\$380,937	6,751	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$1,087,366		
							Year 2021 Area Total	1,257,542			Year 2021 Total	\$2,348,771			

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
FRANCE STREET	FOURTH STREET EAST	FIFTH STREET EAST	FRANCE	151D	631	37	23,347	C	AC	58	47	100	\$88,243	15,254	3"OL w/Fab+33%Digout
SECOND STREET EAST	EAST SPAIN STREET	HOUSE #327	SECONE	101E	401	23	9,223	C	AC	61	49	100	\$34,860	15,090	3"OL w/Fab+33%Digout
												Treatment Total	\$123,103		
CHURCH STREET	SECOND STREET WEST	ALLEY	CHURCH	203C	408	28	11,424	R	AC	55	48	100	\$43,179	12,896	Edge Grind 2"OL w/Fab+33% Dig
FINE AVENUE	DEAD END WEST OF DEWELL DRIVE	LARKIN AVENUE	FINEAV	153	606	33	19,998	R	AC	55	49	100	\$75,585	12,650	Edge Grind 2"OL w/Fab+33% Dig
												Treatment Total	\$118,764		
NEIL COURT	BEASLEY WAY	CUL DE SAC	NEILCT	133	208	33	6,864	R	AC	62	68	78	\$9,293	10,684	CrackSeal+SlurrySeal Typ II
												Treatment Total	\$9,293		
ANDRIEUX STREET	FIFTH STREET WEST	FOURTH STREET WEST	ANDRIE	167B	611	33	20,163	C	AC/AC	80	77	85	\$19,952	17,503	SLURRY SEAL
ANDRIEUX STREET	SECOND STREET WEST	FIRST STREET WEST	ANDRIE	167E	664	38	25,232	C	AC/AC	85	83	90	\$24,968	20,885	SLURRY SEAL
ANDRIEUX STREET	FIRST STREET WEST	BROADWAY	ANDRIE	167E2	332	38	12,616	C	AC/AC	75	71	80	\$12,484	14,741	SLURRY SEAL
BEASLEY WAY	NEWCOMB STREET	COX STREET	BEASLE	194	969	37	35,853	R	AC	73	71	80	\$35,478	11,942	SLURRY SEAL
CARSON COURT	LASUEN STREET	CUL DE SAC	CARSON	231	193	33	6,369	R	AC	93	87	93	\$6,303	7,082	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
DEWELL DRIVE	LARKIN DRIVE	FINE AVENUE	DEWELL	156	969	38	36,822	R	AC	80	77	85	\$36,437	11,644	SLURRY SEAL
DONNER AVENUE	MACARTHUR LANE	EAST MACARTHUR AVENUE	DONNER	150	250	26	6,500	R	AC	93	87	93	\$6,432	7,082	SLURRY SEAL
ESTE MADERA COURT	ESTE MADERA DRIVE	CUL DE SAC	ESTECT	136	302	27	8,154	R	AC	93	87	93	\$8,069	7,082	SLURRY SEAL
ESTE MADERA DRIVE	EAST MACARTHUR STREET	ESTE MADERA LANE	ESTEDR	134A	797	33	26,301	R	AC	91	85	92	\$26,026	8,233	SLURRY SEAL
ESTE MADERA DRIVE	ESTE MADERA DRIVE	CUL DE SAC	ESTEDR	134C	396	33	13,068	R	AC	93	87	93	\$12,932	7,082	SLURRY SEAL
FIFTH STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIFTHW	173B	1,134	49	55,566	A	AC/AC	76	73	82	\$54,984	20,779	SLURRY SEAL
FOURTH STREET EAST	150' SOUTH OF LUCCA COURT	BRAZIL STREET	FOURTE	112P	1,039	28	27,296	C	AC	94	88	94	\$27,011	11,157	SLURRY SEAL
FOURTH STREET WEST	BETTENCOURT STREET	ANDRIEUX STREET	FOURTW	172C	265	37	9,805	R	AC	93	87	93	\$9,703	7,082	SLURRY SEAL
FRANCE STREET	BROADWAY	SECOND STREET	FRANCE	151A	919	32	29,408	C	AC	94	88	94	\$29,100	11,157	SLURRY SEAL
FRANCE STREET	OAK LANE	FOURTH STREET EAST	FRANCE	151C	491	35	17,185	C	AC	94	88	94	\$17,005	11,157	SLURRY SEAL
FRYER CREEK DRIVE	LEVERONI ROAD	CLAY STREET	FRYERC	195A	691	37	25,567	R	AC	83	80	87	\$25,300	11,031	SLURRY SEAL
HAYES STREET	BEG. OF PAVEMENT	ROAD WIDENS	HAYES	209A	294	16	4,704	R	AC	93	87	93	\$4,655	7,082	SLURRY SEAL
JUNIPERO SERRA DRIVE	LASUEN STREET	VASQUEZ COURT	JUNIPER	223B	567	37	20,979	R	AC/AC	92	86	93	\$20,760	7,873	SLURRY SEAL
KNIGHT STREET	EAST MACARTHUR STREET	ELLIOT STREET	KNIGHT	132	887	33	29,271	R	AC	75	74	83	\$28,965	17,217	SLURRY SEAL
LARKIN DRIVE	NAPA ROAD	DEWELL DRIVE	LARKIN	155A	447	38	16,986	R	AC	77	74	83	\$16,809	11,939	SLURRY SEAL
LARKIN DRIVE	DEWELL DRIVE	DEAD END NORTH OF FINE AVENUE	LARKIN	155B	811	38	30,818	R	AC	76	74	82	\$30,496	11,965	SLURRY SEAL
LUCCA COURT	FOURTH STREET EAST	CUL DE SAC	LUCCAC	111	258	33	8,514	R	AC	73	72	81	\$8,425	16,199	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
LYON LANE	SONOMA HWY	PALOU ST	LYONLA	254	290	30	8,700	R	AC	93	86	92	\$8,609	7,990	SLURRY SEAL			
MACARTHUR LANE	SECOND STREET EAST	CUL DE SAC	MACARL	249	518	29	15,022	R	AC	92	86	92	\$14,865	7,791	SLURRY SEAL			
PATTEN STREET	BROADWAY	AUSTIN STREET	PATTEN	152A	588	30	17,640	C	AC/AC	93	86	92	\$17,456	9,354	SLURRY SEAL			
PERKINS STREET	THIRD STREET WEST	SECOND STREET WEST	PERKIN	168B	596	32	19,072	R	AC	74	71	80	\$18,873	11,964	SLURRY SEAL			
SAN LORENZO COURT	EAST NAPA ST	CUL-DE-SAC	SANLOR	255	700	30	21,000	R	AC	93	86	92	\$20,781	7,986	SLURRY SEAL			
SECOND STREET EAST	HIKING PATH	BLUE WING DR	SECONE	101G	983	30	29,490	C	AC	77	71	80	\$29,182	12,034	SLURRY SEAL			
THIRD STREET WEST	ARROYO WAY	BETTENCOURT STREET	THIRDW	171A	390	34	13,260	R	AC/AC	94	86	93	\$13,122	7,989	SLURRY SEAL			
THIRD STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	THIRDW	171E	609	38	23,142	C	AC	94	88	94	\$22,900	11,157	SLURRY SEAL			
												Treatment Total		\$608,082				
ANDRIEUX STREET	FOURTH STREET WEST	THIRD STREET WEST	ANDRIE	167C	661	33	21,813	C	AC/AC	64	86	87	\$68	591,785	SEAL CRACKS			
ANDRIEUX STREET	THIRD STREET WEST	SECOND STREET WEST	ANDRIE	167D	641	38	24,358	C	AC/AC	70	86	87	\$76	591,785	SEAL CRACKS			
BERRYESSA DRIVE	LA QUINTA	EVANS AVENUE	BERRYE	186	416	33	13,728	R	AC	94	87	88	\$79	217,008	SEAL CRACKS			
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	76	\$455	231,297	SEAL CRACKS			
CHASE STREET	THIRD STREET EAST	FOURTH STREET EAST	CHASES	119C	676	32	21,632	C	AC	67	86	87	\$67	591,785	SEAL CRACKS			
CHASE STREET	FOURTH STREET EAST	FIFTH STREET EAST	CHASES	119D	631	32	20,192	C	AC	69	86	87	\$63	591,785	SEAL CRACKS			
CHASE STREET	FIFTH STREET EAST	CUL DE SAC	CHASES	119E	399	33	13,167	R	AC	94	87	88	\$76	217,008	SEAL CRACKS			
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC	94	87	88	\$45	638,265	SEAL CRACKS			
CONTENTO COURT	CORDILLERAS DRIVE	CUL DE SAC	CONTEN	123	202	27	5,454	R	AC	94	87	88	\$32	217,008	SEAL CRACKS			

\*\* - Treatment from Project Selection



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## Scenarios - Sections Selected for Treatment

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Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
CURTIN LANE	HOUSE #601	FIFTH STREET WEST	CURTIN	218B	603	33	19,899	R	AC/AC	95	87	88	\$30	882,837	SEAL CRACKS
DONNER AVENUE	CHASE STREET	DEAD END	DONNER	150B	312	32	9,984	R	AC/AC	95	88	89	\$4	2,956,859	SEAL CRACKS
FIFTH STREET EAST	CITY LIMITS / HOUSE #20419	DENMARK STREET	FIFTH	143	1,240	30	37,200	A	AC	42	86	87	\$113	850,296	SEAL CRACKS
FIFTH STREET EAST	ESTE MADERA LANE	EAST MACARTHUR STREET	FIFTH	143B	683	27	18,441	A	AC/AC	69	86	87	\$56	850,296	SEAL CRACKS
FIFTH STREET WEST	175' SOUTH OF W MACARTHUR DRIVE ST	HARRINGTON	FIFTH	173A	1,287	49	63,063	A	AC	86	85	86	\$459	361,786	SEAL CRACKS
FIFTH STREET WEST	ANDRIEUX STREET	WEST NAPA ROAD	FIFTH	173C	1,462	64	93,568	A	AC/AC	62	86	87	\$284	850,296	SEAL CRACKS
FIFTH STREET WEST	WEST NAPA ROAD	WEST SPAIN STREET	FIFTH	173D	619	37	22,903	A	AC/AC	84	85	86	\$112	649,500	SEAL CRACKS
FIFTH STREET WEST	WEST SPAIN STREET	CLAUDIA DRIVE	FIFTH	173E	1,111	37	41,107	A	AC/AC	80	85	86	\$182	1,280,399	SEAL CRACKS
FIRST STREET EAST	EAST SPAIN STREET	HIKING PATH	FIRST	100C	771	35	26,985	C	AC	70	86	87	\$84	591,785	SEAL CRACKS
FIRST STREET EAST	HIKING PATH	BLUE WING DRIVE	FIRST	100D	892	41	36,572	C	AC	66	86	87	\$114	591,785	SEAL CRACKS
FIRST STREET WEST	WEST NAPA STREET	WEST SPAIN STREET	FIRST	169G	596	60	35,760	A	AC	77	79	81	\$390	367,470	SEAL CRACKS
FOURTH STREET EAST	NATHANSON CREEK	EAST SPAIN STREET	FOURTH	112I	130	32	4,160	A	AC	78	79	81	\$46	368,086	SEAL CRACKS
FOURTH STREET EAST	EAST SPAIN STREET	150' SOUTH OF LUCCA COURT	FOURTH	112O	942	32	29,648	C	AC	85	85	86	\$205	304,769	SEAL CRACKS
LEVERONI ROAD	HIKING PATH	DAVID STREET	LEVERO	160A	650	48	31,200	A	AC	80	81	83	\$295	374,758	SEAL CRACKS
LEVERONI ROAD	DAVID STREET	234' WEST OF BROADWAY	LEVERO	160B	695	38	26,410	A	AC	78	79	81	\$275	367,642	SEAL CRACKS
EAST MACARTHUR STREET	BROADWAY	AUSTIN STREET	MACARE	133A	573	38	21,774	C	AC/AC	76	79	81	\$223	385,502	SEAL CRACKS
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	82	84	\$275	296,778	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

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Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	76	\$402	231,334	SEAL CRACKS
WEST MACARTHUR STREET	FIFTH STREET WEST	MANOR DRIVE	MACARW	182B	1,014	37	37,518	C	AC/AC	74	77	79	\$444	340,559	SEAL CRACKS
WEST MACARTHUR STREET	MANOR DRIVE	SECOND STREET WEST	MACARW	182C	883	37	32,671	C	AC/AC	68	86	87	\$102	591,785	SEAL CRACKS
WEST MACARTHUR STREET	SECOND STREET WEST	BROADWAY	MACARW	182D	932	37	34,484	C	AC/AC	68	86	87	\$107	591,785	SEAL CRACKS
MALET STREET	NEWCOMB ST	MALET ST BULBOUT	MALET	184A	951	16	15,216	R	AC	94	87	88	\$88	217,008	SEAL CRACKS
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC	94	87	88	\$19	638,265	SEAL CRACKS
MOLL COURT	EAST SPAIN STREET	END OF TANGENT	MOLLCT	163A	315	26	8,190	R	AC	94	87	88	\$48	217,008	SEAL CRACKS
EAST NAPA STREET	THIRD STREET EAST	FOURTH STREET EAST	NAPAE	161C	633	38	24,054	A	AC	77	79	81	\$263	367,470	SEAL CRACKS
OAK LANE	CHASE STREET	CUL DE SAC	OAK	147B	428	32	13,696	R	AC	94	87	88	\$79	217,008	SEAL CRACKS
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	591	37	21,867	R	AC/AC	94	87	88	\$49	638,265	SEAL CRACKS
PATTEN STREET	AUSTIN STREET	SECOND STREET EAST	PATTEN	152B	352	22	7,744	C	AC	69	86	87	\$24	591,785	SEAL CRACKS
PATTEN STREET	SECOND STREET EAST	OAK LANE	PATTEN	152C	754	25	18,850	C	AC	77	78	80	\$215	263,230	SEAL CRACKS
SECOND STREET WEST	WEST MACARTHUR STREET	ROAD WIDENS	SECOND	170A	342	31	10,602	C	AC	69	86	87	\$33	591,785	SEAL CRACKS
SECOND STREET WEST	ROAD WIDENS	ANDRIEUX STREET	SECOND	170B	744	38	28,272	C	AC	66	86	87	\$88	591,785	SEAL CRACKS
SECOND STREET EAST	EAST MACARTHUR STREET	CHASE STREET	SECONE	101A	628	32	20,096	C	AC	63	86	87	\$63	591,785	SEAL CRACKS
SECOND STREET EAST	FRANCE STREET	PATTEN STREET	SECONE	101C	643	32	20,576	C	AC	66	86	87	\$64	591,785	SEAL CRACKS
SECOND STREET EAST	PATTEN STREET	EAST NAPA STREET	SECONE	101D	652	32	20,864	C	AC	68	86	87	\$65	591,785	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC	94	87	88	\$20	638,265	SEAL CRACKS			
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS			
SHERMAN COURT	JOAQUIN DRIVE	CUL DE SAC	SHERMA	230	126	33	4,158	R	AC	94	87	88	\$24	217,008	SEAL CRACKS			
SIXTH STREET EAST	WILLIAM CUNNINGHAM AVE	EAST NAPA STREET	SIXTHE	100	900	36	32,400	R	AC	94	86	87	\$202	223,918	SEAL CRACKS			
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC	94	87	88	\$25	638,265	SEAL CRACKS			
WEST SPAIN STREET	SONOMA HIGHWAY	JUNIPERO SERRA DRIVE	SPAINW	204A	903	37	33,411	A	AC/AC	74	77	79	\$395	482,654	SEAL CRACKS			
WEST SPAIN STREET	FOURTH STREET WEST	THIRD STREET WEST	SPAINW	204D	668	37	24,716	A	AC	94	89	90	\$118	537,229	SEAL CRACKS			
WEST SPAIN STREET	THIRD STREET WEST	SECOND STREET WEST	SPAINW	204E	650	37	24,050	A	AC/AC	64	86	87	\$73	850,296	SEAL CRACKS			
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC	94	87	88	\$39	638,265	SEAL CRACKS			
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC	94	87	88	\$34	638,265	SEAL CRACKS			
THIRD STREET EAST	PATTEN STREET	200' NORTH OF PATTEN STREET	THIRDE	149B	200	32	6,400	R	AC/AC	93	87	88	\$12	758,316	SEAL CRACKS			
THIRD STREET EAST	200' NORTH OF PATTEN STREET	EAST NAPA STREET	THIRDE	149C	431	20	8,620	R	AC/AC	95	88	89	\$4	2,938,742	SEAL CRACKS			
WALNUT STREET	FOURTH STREET EAST	FIFTH STREET EAST	WALNUT	115	624	26	16,224	R	AC	94	87	87	\$100	222,869	SEAL CRACKS			
YORK COURT	FOURTH STREET EAST	CUL DE SAC	YORKCT	146	408	33	13,464	R	AC	94	87	88	\$78	217,008	SEAL CRACKS			
												Treatment Total		\$7,410				

\*\* - 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%

Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

### Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
AVENUE DEL ORO	CORDILLERAS DRIVE	HOUSE #693	AVENUE	120B	801	33	26,433	R	AC	31	22	100	\$243,910	5,348	RECONSTRUCT STRUCTURE (AC)
CARILLO COURT	VERANO AVENUE	CUL DE SAC	CARILL	227	325	33	10,725	R	AC	23	13	100	\$98,965	5,348	RECONSTRUCT STRUCTURE (AC)
FOURTH STREET WEST	ROSALIE DRIVE	DEAD END NORTH OF CLAUDIA DR	FOURTW	172F	516	25	12,900	R	AC	0	0	100	\$119,035	5,348	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	9	0	100	\$130,329	5,348	RECONSTRUCT STRUCTURE (AC)
FRYER CREEK DRIVE	CLAY STREET	HIKING PATH	FRYERC	195B	648	37	23,976	R	AC	1	0	100	\$221,238	5,348	RECONSTRUCT STRUCTURE (AC)
FRYER CREEK DRIVE	HIKING PATH	NEWCOMB STREET	FRYERC	195C	665	37	24,605	R	AC	7	0	100	\$227,042	5,348	RECONSTRUCT STRUCTURE (AC)
HARRINGTON DRIVE	LOT #440/ PAVE CHG	MANOR DRIVE	HARRIN	191	544	17	9,248	R	AC	7	0	100	\$85,336	5,348	RECONSTRUCT STRUCTURE (AC)
LOVALL VALLEY ROAD	175' EAST OF WILKING WAY	CITY LIMIT/325' E. OF GEHRICKE	LOVALL	107B	1,253	25	31,325	R	AC	8	0	100	\$289,051	5,348	RECONSTRUCT STRUCTURE (AC)
MAPLE STREET	FIRST STREET WEST	BROADWAY	MAPLE	166	266	28	7,448	R	AC	18	7	100	\$68,727	5,348	RECONSTRUCT STRUCTURE (AC)
												Treatment Total	\$1,483,633		
Year 2021 Area Total							2,150,091	Year 2021 Total		\$2,350,285					

### Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
BROCKMAN DRIVE	CUL DE SAC/BULB	LOT #366/PAVE CHG	BROCKM	137B	1,000	26	26,000	R	AC	73	69	100	\$78,036	11,681	Edge Grind 2"OL w/Fabric
												Treatment Total	\$78,036		
BRAZIL STREET	FOURTH STREET EAST	CITY LIMITS/HOUSE #481	BRAZIL	110	607	16	9,712	R	ST	80	68	100	\$13,543	6,918	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment	
											PCI Before	PCI After				
WILLIAM CUNNINGHAM AVENUE	CHARLES VAN DAMME	EAST DEAD END	WILLIA	116	749	33	24,717	R	AC	64	69	78	\$34,465	10,110	CrackSeal+SlurrySeal Typ II	
													Treatment Total	\$48,008		
AVENUE DEL ORO	HOUSE #693	APPLETON WAY	AVENUE	120C	331	33	10,923	R	AC	74	70	79	\$11,133	11,571	SLURRY SEAL	
BETTENCOURT STREET	FIFTH STREET WEST	FOURTH STREET WEST	BETTEN	179A	611	32	19,552	R	AC/AC	94	86	92	\$19,928	8,118	SLURRY SEAL	
BETTENCOURT STREET	FOURTH STREET WEST	THIRD STREET WEST	BETTEN	179B	649	34	22,066	R	AC/AC	94	86	92	\$22,490	8,118	SLURRY SEAL	
BETTENCOURT STREET	THIRD STREET WEST	SECOND STREET WEST	BETTEN	179C	643	34	21,862	R	AC/AC	94	86	92	\$22,282	8,118	SLURRY SEAL	
CHARLES VAN DAMME WAY	SOUTH CUL DE SAC	WILLIAM CUNNINGHAM AVENUE	CHARLE	114A	451	33	14,883	R	AC	72	70	79	\$15,169	15,457	SLURRY SEAL	
CHARLES VAN DAMME WAY	WILLIAM CUNNINGHAM AVENUE	SIXTH STREET EAST	CHARLE	114B	1,436	48	68,928	R	AC	94	86	92	\$70,253	7,855	SLURRY SEAL	
CHASE STREET	BROADWAY	SECOND STREET EAST	CHASES	119A	901	37	33,337	C	AC	80	74	82	\$33,978	12,268	SLURRY SEAL	
CHURCH STREET	FIFTH STREET WEST	FOURTH STREET WEST	CHURCH	203A	631	32	20,192	R	AC/AC	94	86	92	\$20,580	7,887	SLURRY SEAL	
ESTE MADERA DRIVE	ESTE MADERA LANE	END OF LOOP	ESTEDR	134B	1,044	33	34,452	R	AC	93	85	92	\$35,114	8,124	SLURRY SEAL	
FIRST STREET WEST	WEST MACARTHUR STREET	ANDRIEUX STREET	FIRSTW	169E	1,256	32	40,192	R	AC	80	76	84	\$40,965	11,494	SLURRY SEAL	
LUBECK STREET	FRYER CREEK DRIVE	TODD AVENUE	LUBECK	201	417	33	13,761	R	AC	79	75	83	\$14,026	11,581	SLURRY SEAL	
EAST MACARTHUR STREET	FIFTH STREET EAST	CORDILLERAS DRIVE	MACARE	133D	821	38	31,198	C	AC	87	81	89	\$31,798	13,005	SLURRY SEAL	
EAST MACARTHUR STREET	CORDILLERAS DRIVE	CITY LIMITS/200' E. OF KNIGHT	MACARE	133E	951	31	29,481	C	AC	80	74	82	\$30,048	12,269	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
MALET STREET	FIRST STREET WEST	BROADWAY	MALET	184B	277	30	8,310	R	AC/AC	94	86	92	\$8,470	7,887	SLURRY SEAL
MOLL COURT	END OF TANGENT	EAST DEAD END	MOLLCT	163B	150	59	8,850	R	AC	94	86	92	\$9,021	7,853	SLURRY SEAL
NAPA ROAD	BROADWAY	742' EAST OF BROADWAY	NAPARD	158A	742	40	29,680	A	AC/AC	93	83	90	\$30,251	16,402	SLURRY SEAL
NAPA ROAD	742' EAST OF BROADWAY	CITY LIMITS/175' E. OF PUEBLO	NAPARD	158B	1,197	32	38,304	A	AC/AC	93	83	90	\$39,040	16,402	SLURRY SEAL
OAK LANE	FRANCE STREET	PATTEN STREET	OAK	147C	608	33	20,064	R	AC	75	71	80	\$20,450	11,611	SLURRY SEAL
OREGON STREET	200' WEST OF SEVENTH ST WEST	200' EAST OF SIXTH ST WEST	OREGON	219B	591	37	21,867	R	AC/AC	94	86	92	\$22,288	7,887	SLURRY SEAL
SECOND STREET EAST	HOUSE #80	CYPRESS STREET (PRIVATE)	SECONE	101I	350	34	11,900	R	AC	74	70	79	\$12,129	11,571	SLURRY SEAL
SEVENTH STREET WEST	CURTIN LANE	OREGON STREET	SEVENW	175A	239	37	8,843	R	AC/AC	94	86	92	\$9,013	7,887	SLURRY SEAL
SEVENTH STREET WEST	OREGON STREET	STUDLEY STREET	SEVENW	175B	301	37	11,137	R	AC/AC	94	86	92	\$11,351	7,887	SLURRY SEAL
SIXTH STREET WEST	OREGON STREET	STUDLEY STREET	SIXTHW	174A	307	37	11,359	R	AC/AC	94	86	92	\$11,578	7,887	SLURRY SEAL
STUDLEY STREET	300' W OF 7TH ST W AT #790	SEVENTH STREET WEST	STUDLE	220A	479	37	17,723	R	AC/AC	94	86	92	\$18,064	7,887	SLURRY SEAL
STUDLEY STREET	SEVENTH STREET WEST	SIXTH STREET WEST	STUDLE	220B	411	37	15,207	R	AC/AC	94	86	92	\$15,500	7,887	SLURRY SEAL
TODD AVENUE	FRYER CREEK DRIVE	DEAD END EAST OF LUBOCK STREET	TODDAV	200	477	33	15,741	R	AC	85	80	87	\$16,044	10,682	SLURRY SEAL
VIRGINIA COURT	CHASE STREET	CUL DE SAC	VIRGIN	144	436	33	14,388	R	AC	93	85	92	\$14,665	8,124	SLURRY SEAL
												Treatment Total	\$605,628		

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
BANCHERO STREET	BARRACHI WAY	THIRD STREET WEST	BANCHE	176	215	23	4,945	R	AC	64	87	88	\$12	612,378	SEAL CRACKS
BERRYESSA COURT	BERRYESSA DRIVE	CUL DE SAC	BERRYE	188	126	33	4,158	R	AC	75	77	79	\$51	237,639	SEAL CRACKS
BLUE WING DRIVE	FIRST STREET EAST	SECOND STREET EAST	BLUEWI	102	628	32	20,096	C	AC	97	88	89	\$109	300,597	SEAL CRACKS
ELLIOT STREET	CUL DE SAC @ KNIGHT STREET	CUL DE SAC NORTH OF TOWNE ST	ELLIOT	129	464	33	15,312	R	AC	43	87	88	\$36	612,378	SEAL CRACKS
FIFTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FIFTHE	143E	660	37	24,420	R	AC/AC	80	84	85	\$140	503,491	SEAL CRACKS
FIFTH STREET WEST	W MACARTHUR STREET	175' SOUTH OF W MACARTHUR ST	FIFTHW	173A2	175	49	8,575	A	AC	87	84	85	\$68	350,723	SEAL CRACKS
FIRST STREET EAST	PATTEN STREET	EAST NAPA STREET	FIRSTE	100A	612	34	20,808	C	AC	83	76	78	\$269	238,569	SEAL CRACKS
FIRST STREET WEST	NEWCOMB STREET	HOUSE #20054	FIRSTW	169A	291	20	5,820	R	AC	79	80	82	\$59	244,820	SEAL CRACKS
FOURTH STREET EAST	EAST MACARTHUR STREET	CHASE STREET	FOURTE	112A	624	32	19,968	R	AC/AC	75	79	81	\$219	305,803	SEAL CRACKS
FOURTH STREET EAST	PATTEN STREET	EAST NAPA STREET	FOURTE	112C	636	29	18,444	R	AC	74	78	80	\$213	338,997	SEAL CRACKS
FRANCE STREET	SECOND STREET	OAK LANE	FRANCE	151B	749	35	26,215	C	AC	88	87	88	\$164	301,624	SEAL CRACKS
FRYER CREEK DRIVE	NEWCOMB STREET	MALET STREET	FRYERC	195D	735	33	24,255	R	AC	79	84	85	\$197	401,815	SEAL CRACKS
HAYES STREET	ROAD WIDENS	BETTENCOURT STREET	HAYES	209B	187	33	6,171	R	AC	80	81	83	\$60	245,183	SEAL CRACKS
JOAQUIN DRIVE	DEAD END SOUTH OF MITCHELL WAY	100' SOUTH OF MITCHELL WAY	JOAQUI	224A	216	33	7,128	R	AC	73	75	78	\$95	231,400	SEAL CRACKS
JONES STREET	TEMP DEAD END SOUTH	ENGLER STREET	JONES	243	466	26	12,116	R	AC	63	87	88	\$28	612,378	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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment
											PCI Before	PCI After			
JONES STREET	NAPA ROAD	100' SOUTH OF BROCKMAN DR	JONES	243A	290	24	6,960	R	AC	76	80	82	\$73	318,567	SEAL CRACKS
LINDA DRIVE	FIFTH STREET WEST	FOURTH STREET WEST	LINDA	207B	646	33	21,318	R	AC	73	75	78	\$282	231,400	SEAL CRACKS
EAST MACARTHUR STREET	THIRD STREET EAST	FIFTH STREET EAST	MACARE	133C	1,315	36	47,340	C	AC	90	88	89	\$261	300,517	SEAL CRACKS
MARIANO COURT	MARIANO DRIVE	CUL DE SAC	MARIAN	225	198	33	6,534	R	AC	73	75	78	\$87	231,400	SEAL CRACKS
MISSION TERRACE	FIRST STREET EAST	DEAD END	MISSIO	103	306	27	8,262	R	AC	66	87	88	\$19	612,378	SEAL CRACKS
EAST NAPA STREET	FIRST STREET EAST	THIRD STREET EAST	NAPAE	161B	1,323	38	50,274	A	AC	86	83	85	\$411	358,262	SEAL CRACKS
EAST NAPA STREET	FOURTH STREET EAST	FIFTH STREET EAST	NAPAE	161D	664	38	25,232	A	AC	71	86	87	\$79	825,530	SEAL CRACKS
EAST NAPA STREET	FIFTH STREET EAST	CITY LIMITS/HOUSE #836	NAPAE	161E	1,159	30	34,770	R	AC/AC	76	80	82	\$344	340,333	SEAL CRACKS
PATTEN STREET	FOURTH STREET EAST	FIFTH STREET EAST	PATTEN	152E	638	25	15,950	C	AC	73	86	87	\$51	574,548	SEAL CRACKS
PEAR TREE COURT	FIFTH STREET EAST	CUL DE SAC	PEARTR	142	223	29	6,467	R	AC	61	87	88	\$15	612,378	SEAL CRACKS
PINA AVENUE	DEWELL DRIVE	LARKIN DRIVE	PINAAV	154	328	33	10,824	R	AC	63	87	88	\$25	612,378	SEAL CRACKS
QUEDO COURT	AVENUE DEL ORO	CUL DE SAC	QUEDO	126	161	27	4,347	R	AC	64	87	88	\$10	612,378	SEAL CRACKS
SAUNDERS DRIVE	BROCKMAN LANE	FIFTH STREET EAST	SAUNDE	245	1,000	26	26,000	R	AC	77	81	83	\$254	333,871	SEAL CRACKS
SECOND STREET WEST	ANDRIEUX STREET	WEST NAPA STREET	SECOND	170C	1,464	38	55,632	C	AC	72	86	87	\$178	574,548	SEAL CRACKS
SECOND STREET EAST	MACARTHUR LANE	EAST MACARTHUR STREET	SECONE	101A1	239	32	7,648	R	AC	79	83	84	\$68	357,055	SEAL CRACKS
SECOND STREET EAST	EAST NAPA STREET	EAST SPAIN STREET	SECONE	101D1	611	33	20,163	C	AC	54	86	87	\$65	574,548	SEAL CRACKS
SECOND STREET EAST	BLUE WING DRIVE	HOUSE #80	SECONE	101H	290	34	9,860	R	AC	63	87	88	\$23	612,378	SEAL CRACKS

\*\* - Treatment from Project Selection

Scenarios Criteria:



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## Scenarios - Sections Selected for Treatment

Interest: 3.00%

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Printed: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
 Average

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Current PCI	Treatment		Cost	Rating	Treatment			
											PCI Before	PCI After						
SERENO COURT	AVENUE DEL ORO	CUL DE SAC	SEREN	125	172	27	4,644	R	AC	62	87	88	\$11	612,378	SEAL CRACKS			
EAST SPAIN STREET	FIRST STREET WEST	FIRST STREET EAST	SPAIN	105A	624	60	37,440	R	AC/AC	76	78	80	\$437	255,249	SEAL CRACKS			
EAST SPAIN STREET	FIRST STREET EAST	SECOND STREET EAST	SPAIN	105B	655	37	24,235	R	AC/AC	61	87	88	\$56	612,378	SEAL CRACKS			
WEST SPAIN STREET	JUNIPERO SERRA DRIVE	FIFTH STREET WEST	SPAINW	204B	1,306	37	48,322	A	AC/AC	72	73	76	\$690	409,339	SEAL CRACKS			
STUDLEY STREET	OREGON ST	300' W OF 7TH ST W AT #790	STUDLE	220A1	600	37	22,200	R	AC	64	87	88	\$51	612,378	SEAL CRACKS			
THIRD STREET WEST	ROBINSON STREET	WEST NAPA STREET	THIRDW	171D	549	40	21,960	C	AC/AC	69	86	87	\$70	574,548	SEAL CRACKS			
TRONADO COURT	AVENUE DEL ORO	CUL DE SAC	TRONAD	127	119	33	3,927	R	AC	47	87	88	\$10	612,378	SEAL CRACKS			
VIGNA STREET	BARRACHI WAY	THIRD STREET WEST	VIGNA	178	182	23	4,186	R	AC	49	87	88	\$10	612,378	SEAL CRACKS			
WILKING WAY	GREVE LANE	CUL DE SAC	WILKIN	108B	236	33	7,788	R	AC	63	87	88	\$18	612,378	SEAL CRACKS			
												Treatment Total		\$5,318				
MANOR DRIVE	HARRINGTON DRIVE	HIKING PATH	MANOR	189A	513	33	16,929	R	AC	26	13	100	\$160,899	5,192	RECONSTRUCT STRUCTURE (AC)			
NASH STREET	CLAY STREET	PICKETT STREET	NASHST	198	481	33	15,873	R	AC	25	12	100	\$150,862	5,192	RECONSTRUCT STRUCTURE (AC)			
NEWCOMB STREET	DEAD END WEST OF FRYER CREEK	BROADWAY	NEWCOM	192A	1,521	28	42,588	R	AC	25	12	100	\$404,769	5,192	RECONSTRUCT STRUCTURE (AC)			
NORRBOMM ROAD	MOUNTAIN CEMETERY ROAD	2500' N. OF MTN. CEMETERY ROAD	NORRBO	210	2,500	20	50,000	R	AC/AC	9	0	100	\$475,215	5,192	RECONSTRUCT STRUCTURE (AC)			
OREGON STREET	200' EAST OF SIXTH STREET WEST	FIFTH STREET WEST	OREGON	219C	478	33	15,774	R	AC	15	0	100	\$149,921	5,192	RECONSTRUCT STRUCTURE (AC)			
PICKETT STREET	CLAY STREET	FRYER CREEK DRIVE	PICKET	197	862	33	28,446	R	AC	0	0	100	\$270,360	5,192	RECONSTRUCT STRUCTURE (AC)			
												Treatment Total		\$1,612,026				

\*\* - 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: 01/15/2018

Scenario: PTAP-18 - Scenario 5 Budget Needs  
Average

Year 2022 Area Total	1,574,953	Year 2022 Total	\$2,349,016
Total Section Area:	8,594,654	Grand Total	\$11,749,880

## Appendix J – PCI Maps





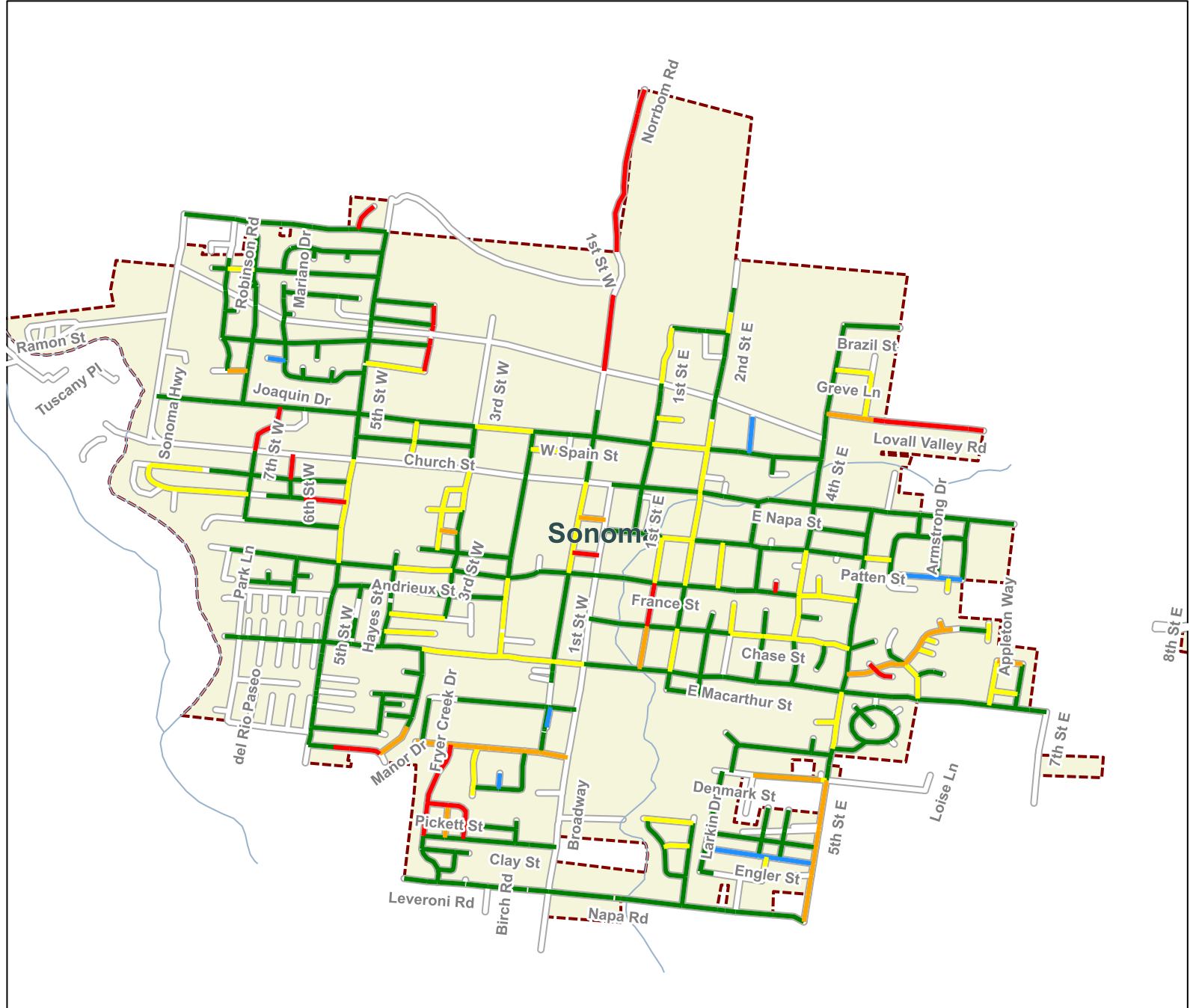
City of Sonoma  
Number 1 The Plaza  
Sonoma, CA 95475  
(707) 938-3332

# Current PCI Condition

Printed: 1/15/2018

## Feature Legend

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





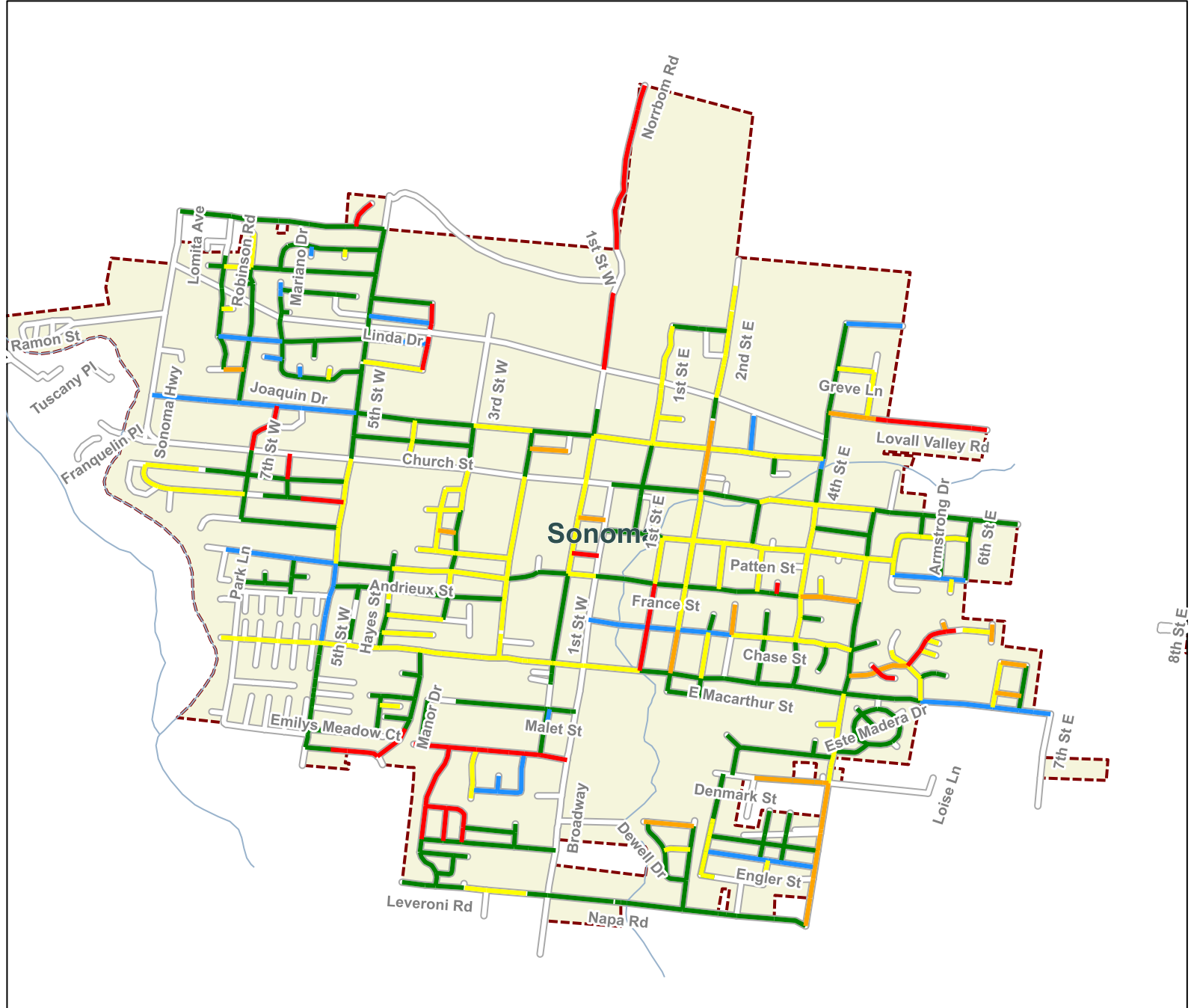
City of Sonoma  
 Number 1 The Plaza  
 Sonoma, CA 95475  
 (707) 938-3332

# Scenario PCI Condition

PTAP-18 - Scenario 1 No Funds - 2022 Project Period - Total Rehab: \$0 - Printed: 1/15/2018

## Feature Legend

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







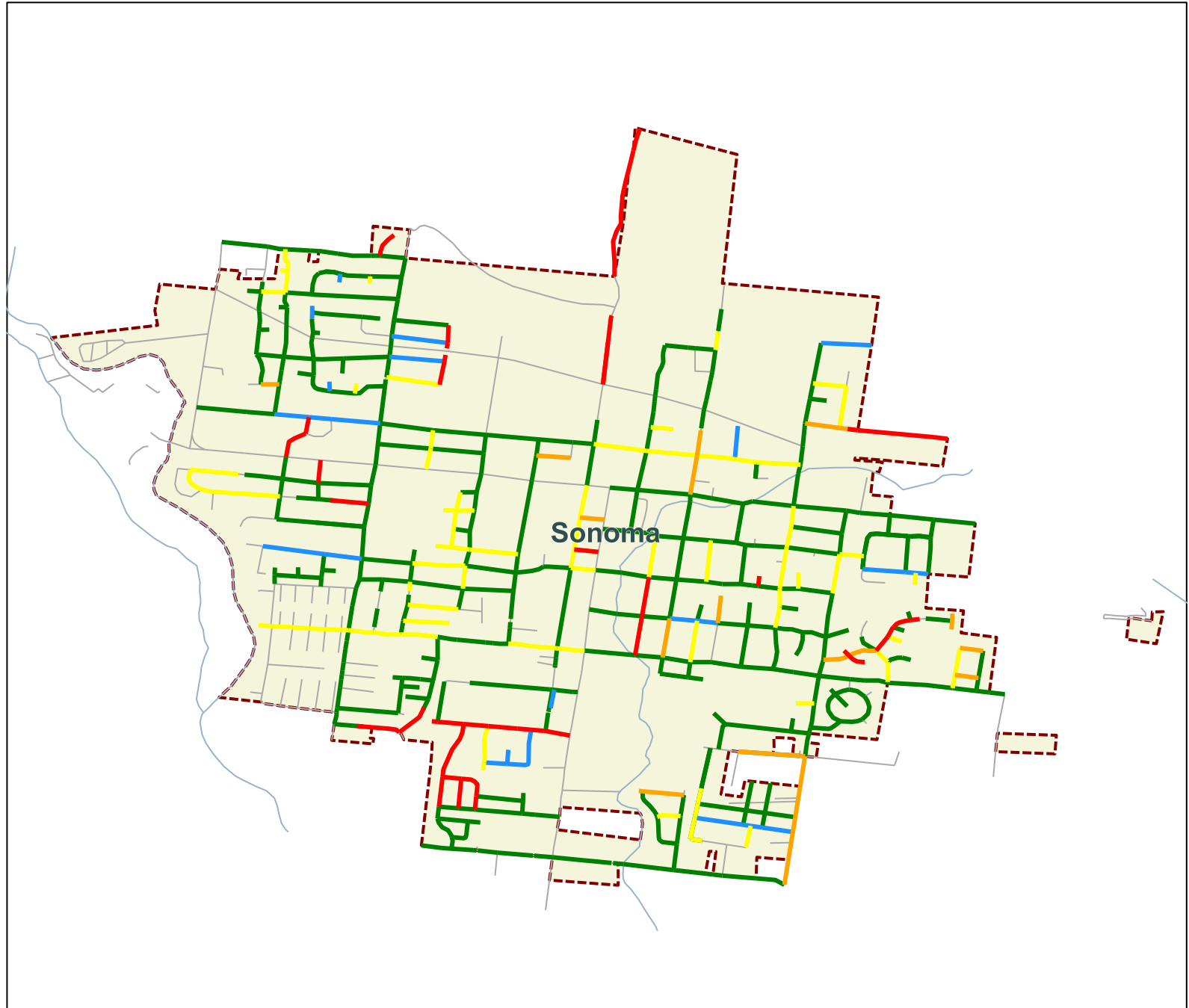
City of Sonoma  
Number 1 The Plaza  
Sonoma, CA 95475  
(707) 938-3332

# Scenario PCI Condition

PTAP-18 - Scenario 2 Expected Annual Budget - 2022 Project Period - Total Rehab: \$374,996 - Printed: 1/15/2018

## Feature Legend

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





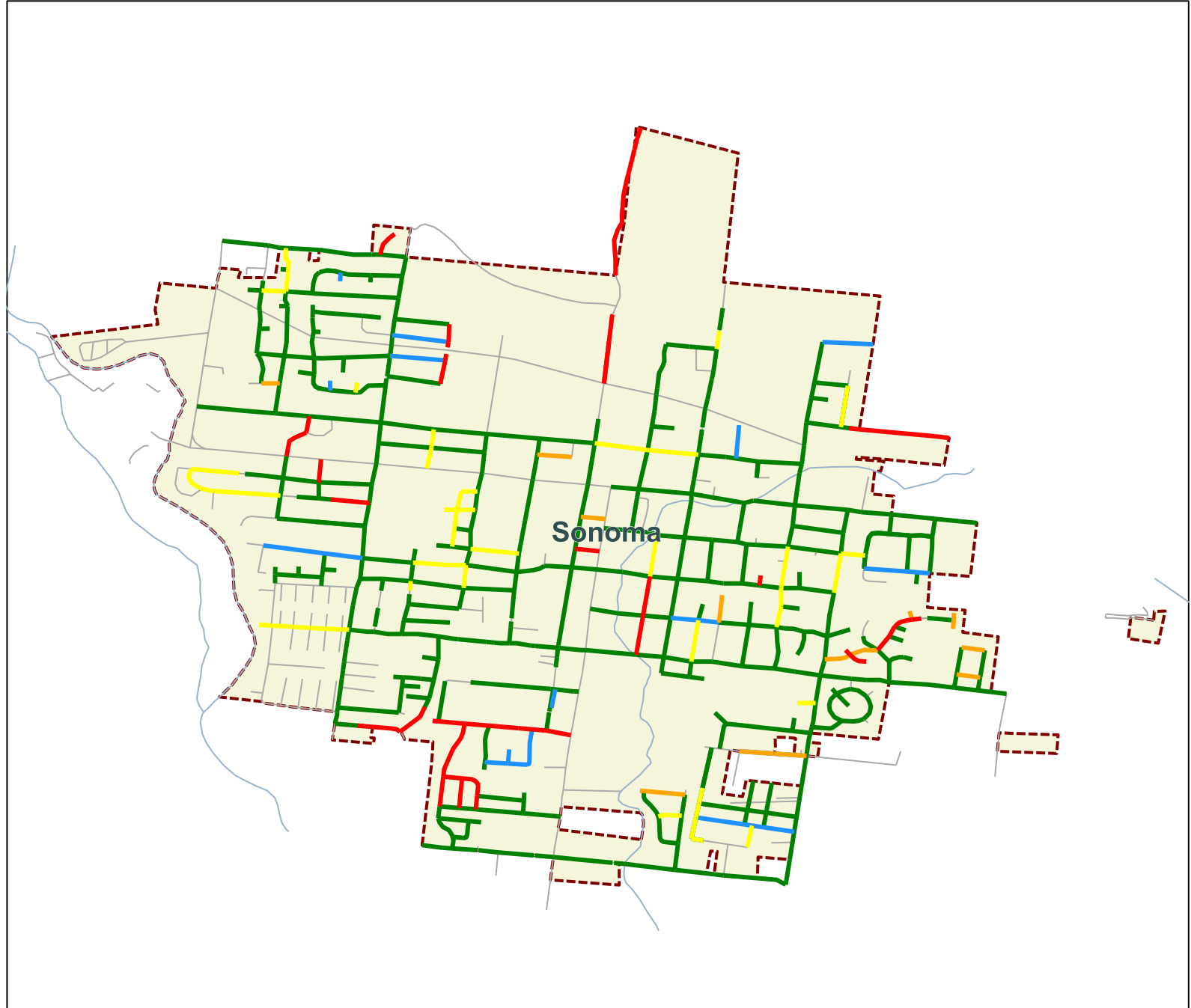
City of Sonoma  
Number 1 The Plaza  
Sonoma, CA 95475  
(707) 938-3332

# Scenario PCI Condition

PTAP-18 - Scenario 3 Maintain PCI - 2022 Project Period - Total Rehab: \$747,928 - Printed: 1/15/2018

## Feature Legend

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





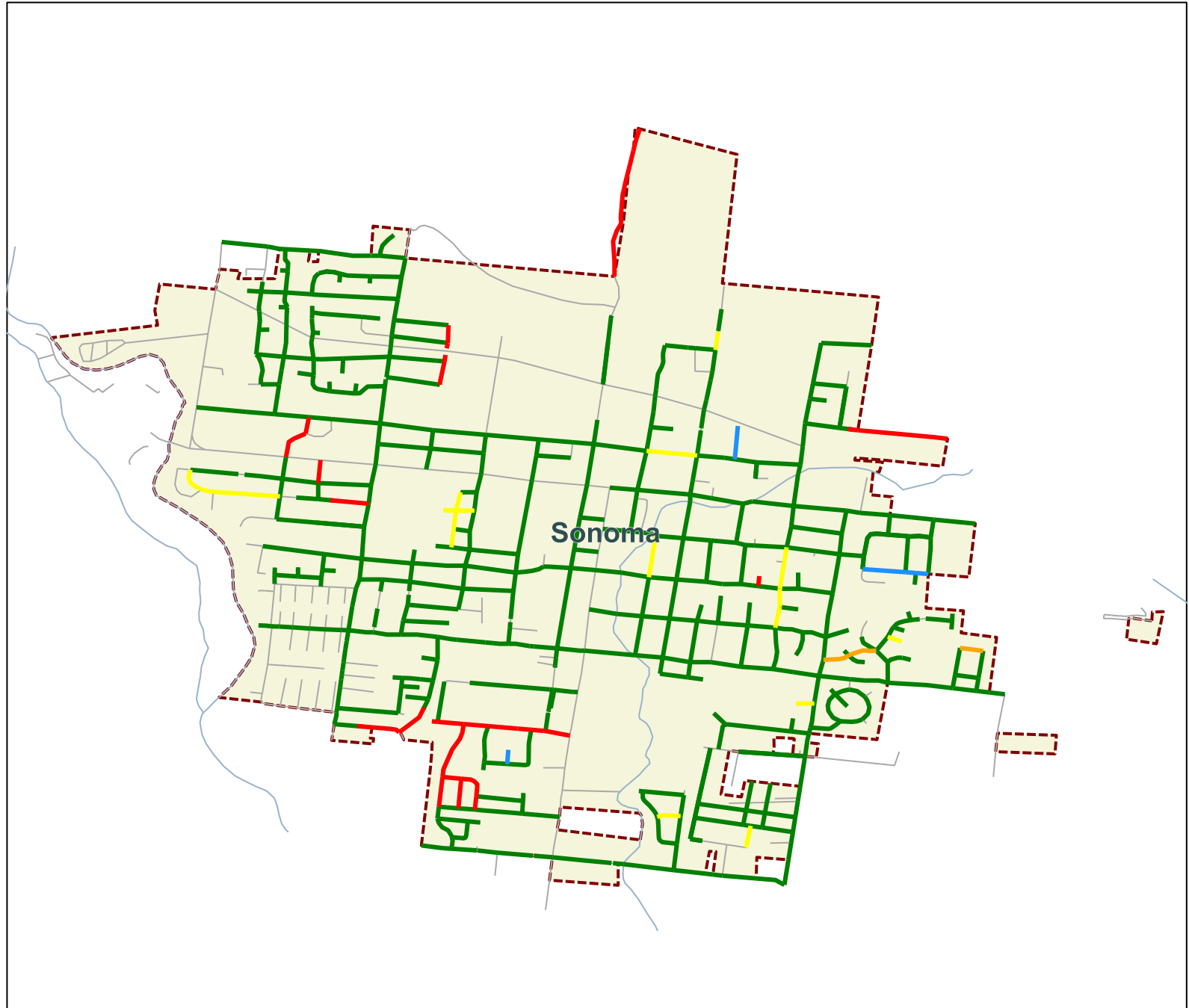
City of Sonoma  
Number 1 The Plaza  
Sonoma, CA 95475  
(707) 938-3332

# Scenario PCI Condition

PTAP-18 - Scenario 4 Improve PCI by 5 - 2022 Project Period - Total Rehab: \$1,675,492 - Printed: 1/15/2018

## Feature Legend

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





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

# Scenario PCI Condition

PTAP-18 - Scenario 5 Budget Needs Average - 2022 Project Period - Total Rehab: \$1,738,070 - Printed: 1/15/2018

## Feature Legend

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

