



Pavement Management System Implementation

Draft Report

Final 2019



Fountain Valley, CA

17050 Bushard St. Suite 200

Fountain Valley, CA 92708



City of Fowler

Public Works Department

128 S 5th St

Fowler, CA 93625

992.01.55

City of Fowler

**Pavement Management System
Implementation**

Final Report

Submitted to:

City of Fowler
Public Works Department
128 S 5th St
Fowler, CA 93625

May 2019



Table of Contents

Executive Summary	1
Background	2
Study Objectives	3
Scope of Work	3
Pavement Network and Current Condition	4
Budget Needs	9
Budget Scenarios	11
Summary	15
Recommendations	17

List of Tables

Table 1: Pavement Condition Categories	5
Table 2: Pavement Network and Condition Summary	7
Table 3: Pavement Condition Breakdown by Functional Class and Condition Category	7
Table 4: Results of Budget Needs 2019 – 2028	10
Table 5: Summary of Results for Scenario 1	12
Table 6: Summary of Results for Scenario 2	13
Table 7: Summary of Results for Scenario 3	14

List of Figures

Figure 1: Pavement Condition Categories	5
Figure 2: Examples of Streets with Different PCIs	6
Figure 3: Fowler PCI Comparison with Other Agencies	8
Figure 4: Costs of Maintaining Pavements over Time	9
Figure 5: PCI vs. Deferred Maintenance for Scenario 1	12
Figure 6: PCI vs. Deferred Maintenance for Scenario 2	13
Figure 7: PCI vs. Deferred Maintenance for Scenario 3	14
Figure 8: PCI Comparisons between Scenarios	15
Figure 9: Deferred Maintenance Comparisons between Scenarios	15
Figure 10: Resulting Pavement Condition Breakdown for Scenarios	16



Appendix A:

Quality Control Plan

Appendix B:

Section Description Inventory

Section PCI Listing: Sorted by Street Name

Section PCI Listing: Sorted by Descending PCI

Appendix C:

Maintenance and Rehabilitation (M&R) Decision Tree

Appendix D:

Budget Needs:

Projected PCI/Cost Summary Report

Rehabilitation Treatment/Cost Summary Report

Preventive Maintenance Treatment/Cost Summary Report

Appendix E:

Scenarios Summary Reports:

Cost Summary Report

Network Condition Summary Report

Appendix F:

Sections Selected for Treatment

Scenario 3: \$2.35 million - per year

Appendix G:

GIS Maps

Current Network Condition (2019)

Projected Network Condition (2028)

Scenarios 1-3



Executive Summary

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

The City is responsible for the maintenance and repair of approximately 37.5 centerline miles of streets. The network's Pavement Condition Index (PCI) is 53. The City utilizes the StreetSaver[®] pavement management software and collects pavement distresses in compliance with ASTM D6433-16¹.

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

Scenario 1: City's Budget (\$250,000 per year) – The City's anticipated funding for paving projects is approximately \$250,000 per year. At this funding level, the network PCI is expected to decrease from 53 to 37 over the next ten years. Additionally, the deferred maintenance will increase from \$19.2 million to \$34.9 million by 2028.

Scenario 2: Maintain PCI at 53 (\$1.3 million per year) – The City will need to spend approximately \$1.3 million per year in order to maintain the current network PCI at 53 over the next ten years. The deferred maintenance will increase to \$22.4 million by 2028.

Scenario 3: Improve PCI to 70 (\$2.35 million per year) – At approximately \$2.35 million per year, the network PCI will increase to 70 and deferred maintenance will decrease to \$10.5 million by 2028.

NCE recommends that the City increase the budget to at least \$2.35 million per year in order to improve the pavement network condition to 70.

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



Background

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

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

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

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

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

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



Study Objectives

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

The objectives of this study were to:

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

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

Scope of Work

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

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

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



Pavement Network and Current Condition

The City is responsible for the repair and maintenance of approximately 37.5 centerline miles of streets, of which 8.1 miles are arterials, 7.3 miles are collectors, and 22.1 miles are residential. Streets, or pavements, are one of the City's most valuable assets with an estimated replacement value is of \$47 million. This does not include the value of other non-pavement street components, such as curb and gutters, sidewalks, or drainage.

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

Asphalt Concrete (AC) Pavements:

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

*Indicates load-related distress

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



Table 1: Pavement Condition Categories

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

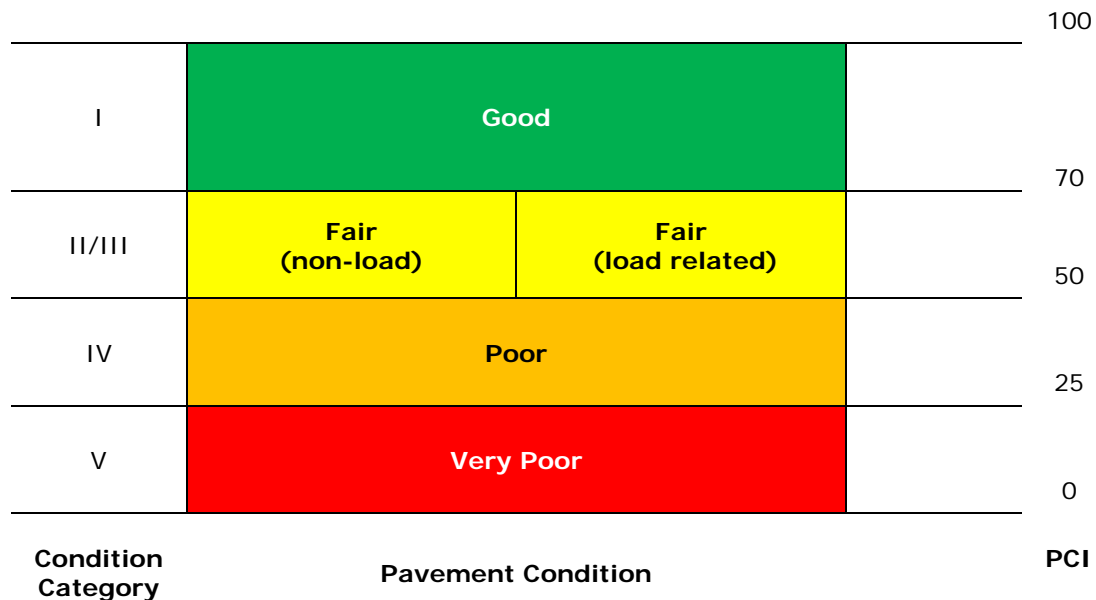


Figure 1: Pavement Condition Categories



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



The photo above is from a portion of Lorene Avenue between Jonna Avenue and Gleason Avenue. Pavement surface displayed minimal distresses. It appears that the street has been recently surface sealed. PCI = 95 (Good)



The photo above is from Dustin Way between Laker Lane and Christopher Court. Minor load-related distresses such as alligator cracking can be found along with block cracking and longitudinal cracking. The pavement had also oxidized considerably. PCI = 62 (Fair)



The photo above is from Sumner Avenue between 5th Street and Laker Lane. Load-related distresses are visible in the majority of the section. Pavement surface has weathered considerably, raveling may be found. PCI = 29 (Poor)



The photo above is from 5th Street between Tulare Street and Main Street. Extensive alligator cracking and block cracking are present throughout the entire section. Severe block cracking and weathering or raveling are prominent due to age of pavement. PCI = 11 (Very Poor)

Figure 2: Examples of Streets with Different PCIs



Based on our January 2019 inspection, the City's average weighted (by area) PCI³ is 53 which is considered to be in "Fair" condition. However, the average PCI does not completely describe the street network. Table 2 summarizes the City's street network and the PCI by functional classification.

Table 2. Pavement Network and Condition Summary

Functional Class	Centerline Miles	Lane Miles	Pavement Area (sq ft)	% Pavement Area	Average Weighted PCI
Arterial	8.1	16.4	1,654,472	21.0%	32
Collector	7.3	15.3	1,599,434	20.3%	50
Residential	22.1	44.0	4,622,529	58.7%	61
Total	37.5	75.6	7,876,435	100.0%	53

From Table 2, it is significant that arterials have the lowest PCI of all three functional classes. Arterials are major thoroughfares for the City and typically carry high volumes of both residents and visitors. The poor condition will have a negative impact on these users.

Table 3 summarizes the network condition by condition category. Approximately one third (35.8 percent) of the City's streets are in "Good" condition, 17.8 percent are "Fair", while almost half (46.4 percent) are in either "Poor" or "Very Poor" condition.

Table 3. Pavement Condition by Functional Class and Condition Category

Condition Category	PCI Range	Arterial	Collector	Residential	Network
Good (I)	70-100	3.3%	6.6%	25.9%	35.8%
Fair (II/III)	50-69	1.6%	3.5%	12.7%	17.8%
Poor (IV)	25-49	6.0%	4.7%	14.0%	24.7%
Very Poor (V)	0-24	10.1%	5.5%	6.1%	21.7%
Total (%)		21.0%	20.3%	58.7%	100.0%

The City's average PCI of 53 is in the mid-range when compared to surrounding agencies but is lower than the 2018 statewide average of 65 (see Figure 3).

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

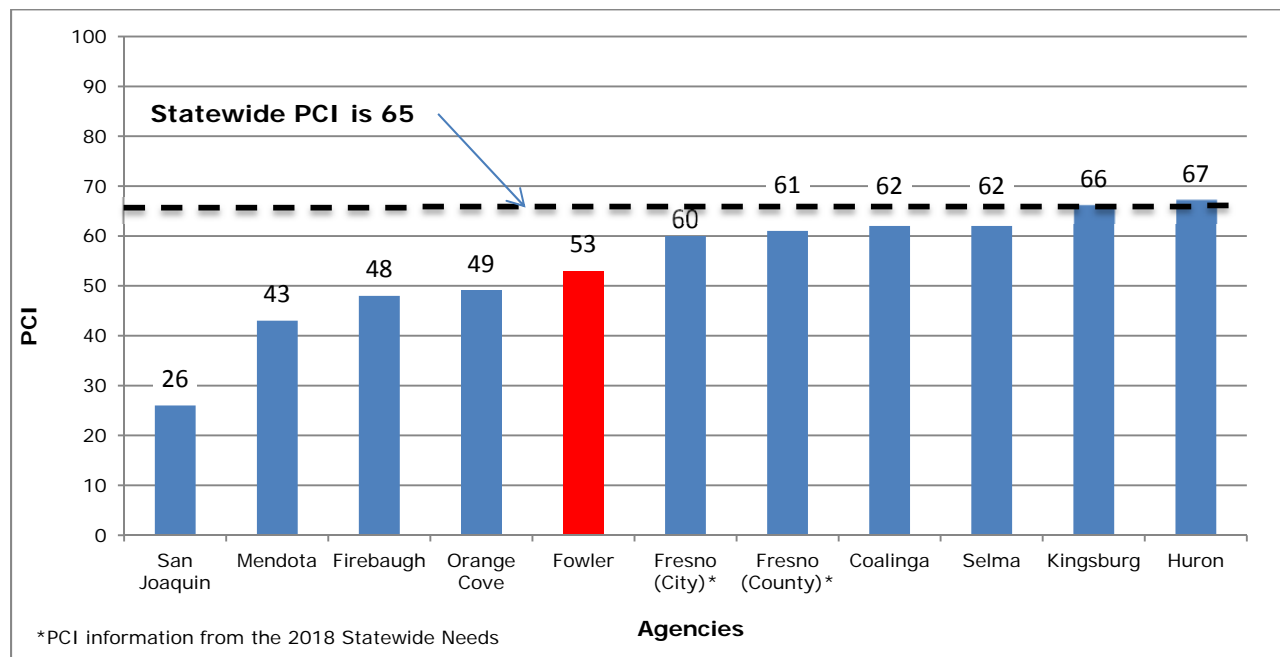


Figure 3: Fowler PCI Comparison with Other Agencies

Maintenance and Rehabilitation Strategies

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

History has shown that it costs less to maintain streets in good condition than to repair ones that have failed. By letting pavements deteriorate, streets that once cost \$5.00 per square yard (SY) to slurry seal may, in a few years, cost as much as \$63.50/SY to reconstruct. With rising material costs, the timeliness of repairs becomes more critical.

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

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

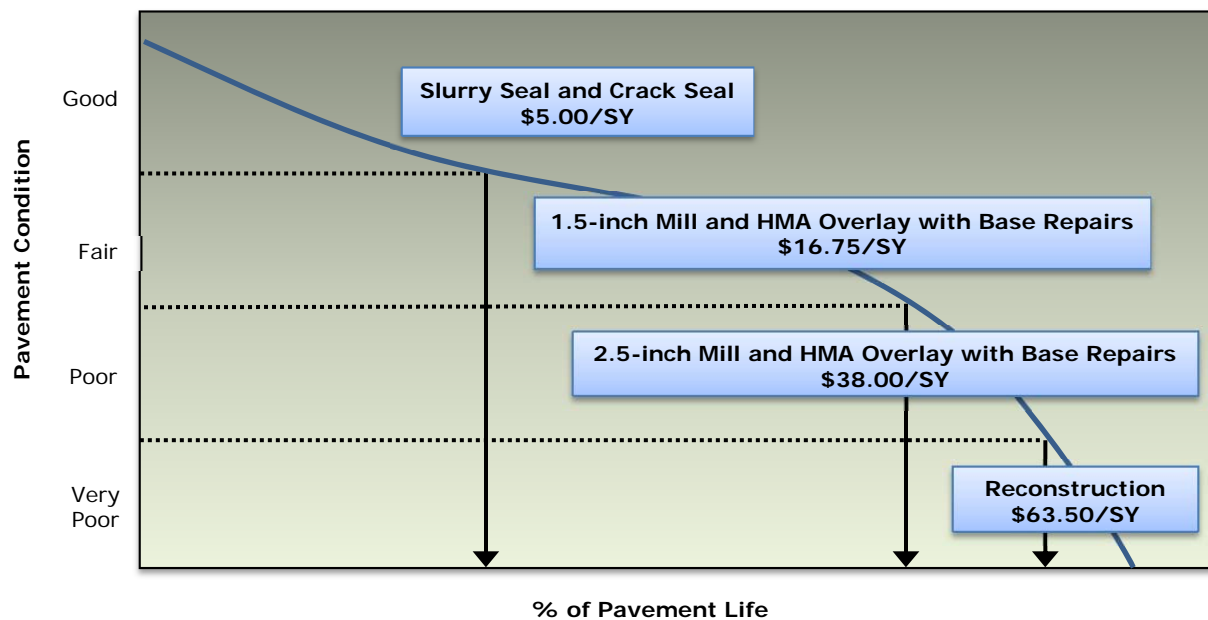


Figure 4: Costs of Maintaining Pavements over Time

Budget Needs

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

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

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

For example, Adams Avenue between Vista Avenue and Main Street has a PCI of 58, and the appropriate treatment is a 1.5-inch mill and HMA overlay with localized base repairs. The area of the pavement section is then multiplied by the unit cost to determine the total treatment cost. Additional surface seals over the next ten years may also be applied to preserve the pavement condition, if necessary.



Using this process, the entire street network for the City was evaluated and summed. The resulting maintenance needs is approximately \$28.7 million over the next ten years using an annual inflation rate of three percent. If the City follows this funding strategy, the average PCI will increase to the mid 80 over the next ten years. If, however, no funding is allocated to street pavement maintenance, the streets will deteriorate and the network PCI will drop to 31 by 2028. The results of the budget needs analysis are summarized in Table 4.

Table 4. Results of Budget Needs 2019 – 2028

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget Needs (\$M)	N/A	19.2	1.4	1.3	0.3	0.6	0.6	0.6	3.1	0.9	0.7	28.7
Treated PCI	53	86	84	85	83	83	83	82	85	85	84	N/A
Untreated PCI	53	51	48	46	43	41	39	37	35	33	31	N/A

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

The deferred maintenance in 2019 is \$19.2 million. Deferred maintenance consists of pavement maintenance, preservation, and rehabilitation activities that are needed, but cannot be performed due to lack of funding. It is also referred to as the unfunded backlog. Shrinking budgets have forced many cities and counties to defer much-needed pavement maintenance activities. Deferring these activities results in an increased frequency of citizen complaints about the condition of the pavement network and a higher cost to repair these streets.

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



Budget Scenarios

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

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

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

The following scenarios were performed:

Scenario 1: City's Budget (\$250,000 per year) – The City's anticipated funding for paving projects is approximately \$250,000 per year. The network PCI is expected to decrease from 53 to 37. Additionally, the deferred maintenance will increase from \$19.2 million to \$34.9 million by 2028.

Scenario 2: Maintain PCI at 53 (\$1.3 million per year) – The City will need to spend approximately \$1.3 million per year in order to maintain the current network PCI at 53 over the next ten years. The deferred maintenance will increase to \$22.4 million by 2028.

Scenario 3: Improve PCI to 70 (\$2.35 million per year) – At approximately \$2.35 million per year, the network PCI will increase to 70 and deferred maintenance will decrease to \$10.5 million by 2028.

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



Scenario 1: City's Budget (\$250,000 per year)

This scenario shows the impact of the City's anticipated paving budget of \$250,000 per year over the the next ten years. The overall pavement condition will decline to a "Poor" condition category with an average PCI of 37 and the deferred maintenance will be almost double over the next ten years (\$34.9 million). At the end of the analysis period, only 37.7 percent of the network will be in "Good" condition while 59.8 percent will be in "Poor" or "Very Poor" condition. Table 5 and Figure 5 summarize the results from Scenario 1.

Table 5. Summary of Results for Scenario 1

Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	0.25	2.50
Rehabilitation (\$M)	N/A	0.13	0.08	0.10	0.06	0.10	0.09	0.03	0.10	0.13	0.11	0.94
Preventive Maintenance (\$M)	N/A	0.12	0.17	0.15	0.19	0.15	0.16	0.22	0.15	0.12	0.14	1.56
Deferred Maintenance (\$M)	19.2	18.9	21.0	22.6	24.2	25.1	26.9	28.8	31.6	33.3	34.9	N/A
Treated PCI	53	52	49	47	45	44	42	41	39	38	37	N/A

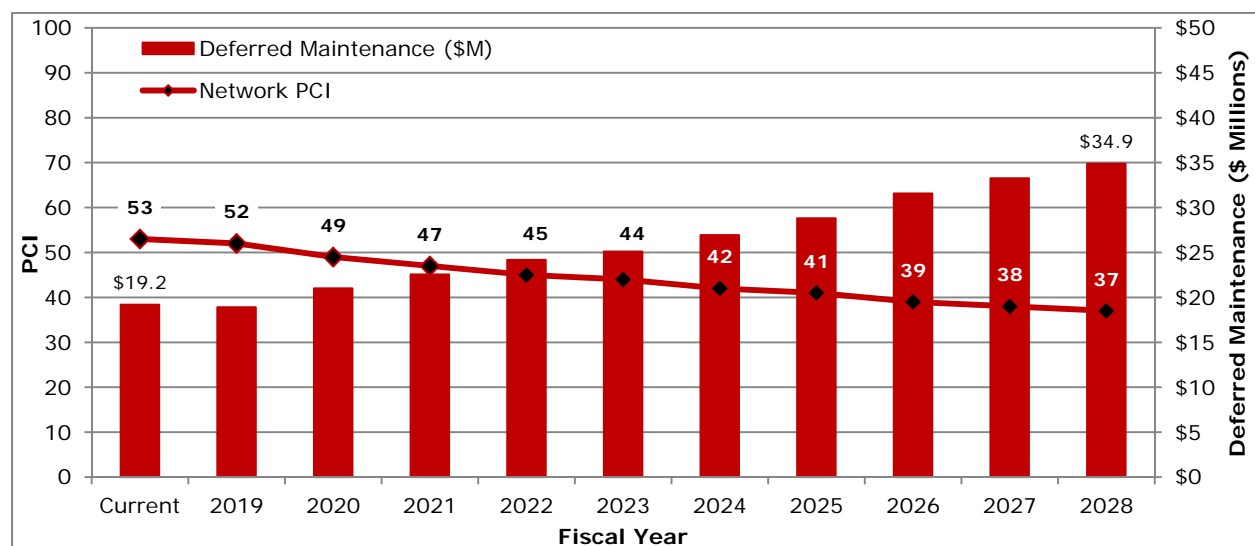


Figure 5: PCI vs. Deferred Maintenance for Scenario 1



Scenario 2: Maintain PCI at 53 (\$1.3 million per year)

In Scenario 2, an annual budget of approximately \$1.3 million will be needed to maintain the network PCI at 53 over the the next ten years. The deferred maintenance will increase to \$22.4 million by 2028. Approximately 59.7 percent of the streets will be in the "Good" condition, and the amount of "Poor" or "Very Poor" condition streets will decrease to 40.1 percent. Table 6 and Figure 6 summarize the results from Scenario 2.

Table 6. Summary of Results for Scenario 2

Fiscal Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	1.30	13.00
Rehabilitation (\$M)	N/A	0.86	0.91	0.91	1.03	1.14	1.03	1.05	0.92	1.02	0.90	9.77
Preventive Maintenance (\$M)	N/A	0.44	0.39	0.39	0.27	0.16	0.27	0.25	0.38	0.28	0.40	3.23
Deferred Maintenance (\$M)	19.2	17.9	18.9	19.4	20.0	19.8	20.3	20.4	21.3	21.8	22.4	N/A
Treated PCI	53	54	53	52	52	52	52	52	52	53	53	N/A

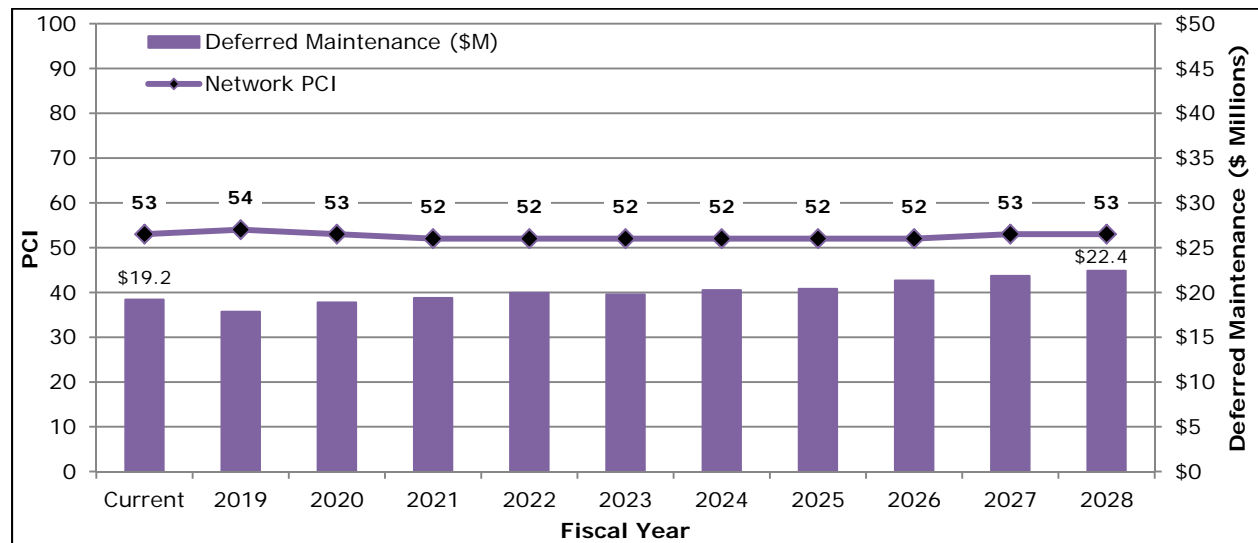


Figure 6: PCI vs. Deferred Maintenance for Scenario 2



Scenario 3: Improve PCI to 70 (\$2.35 million per year)

At an annual budget of \$2.35 million per year, the network PCI will improve to 70 over the next ten years. The deferred maintenance will decrease to \$10.5 million in 2028. More than three-quarters (81.1 percent) of the network will be in “Good” condition, 0.1 percent will be in “Fair” and the remainder (18.8 percent) will be in “Poor” or “Very Poor” condition. Table 7 and Figure 7 summarize the results from Scenario 3.

Table 7. Summary of Results for Scenario 3

Fiscal Year	Current	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	Total
Budget (\$M)	N/A	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	2.35	23.50
Rehabilitation (\$M)	N/A	1.64	1.64	2.05	2.00	2.12	2.07	2.11	2.00	1.95	1.95	19.53
Preventive Maintenance (\$M)	N/A	0.71	0.71	0.30	0.35	0.23	0.28	0.24	0.35	0.40	0.40	3.97
Deferred Maintenance (\$M)	19.2	16.8	16.8	16.2	15.6	14.1	13.2	12.2	11.9	11.1	10.5	N/A
Treated PCI	53	55	56	57	59	60	61	64	66	68	70	N/A

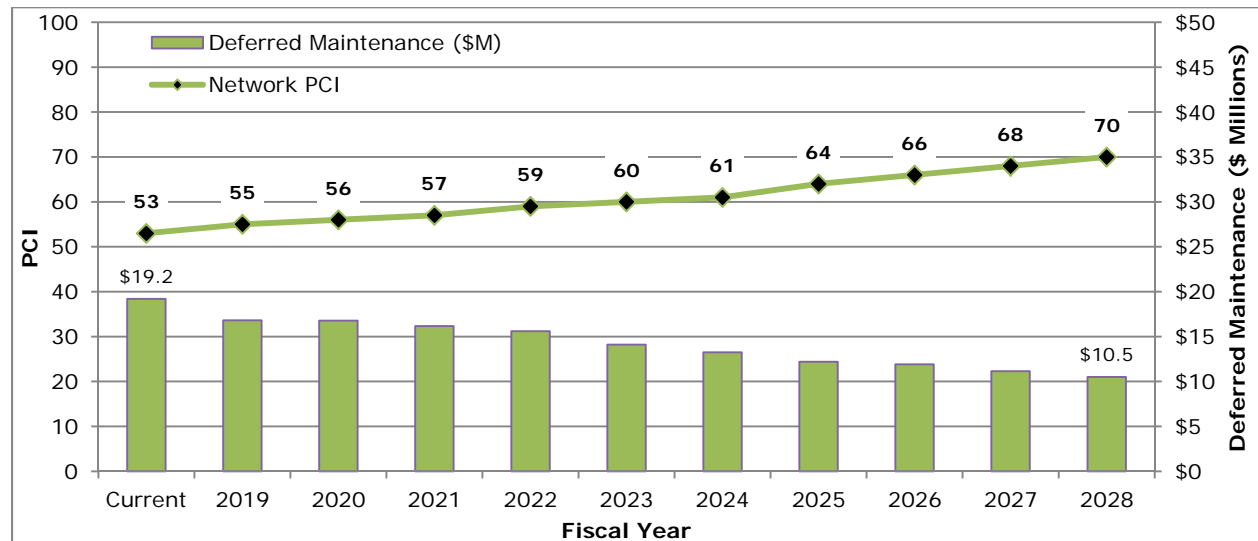


Figure 7: PCI vs. Deferred Maintenance for Scenario 3



Summary

Figures 9 and 10 compare the resulting PCIs and deferred maintenance for all budget scenarios.

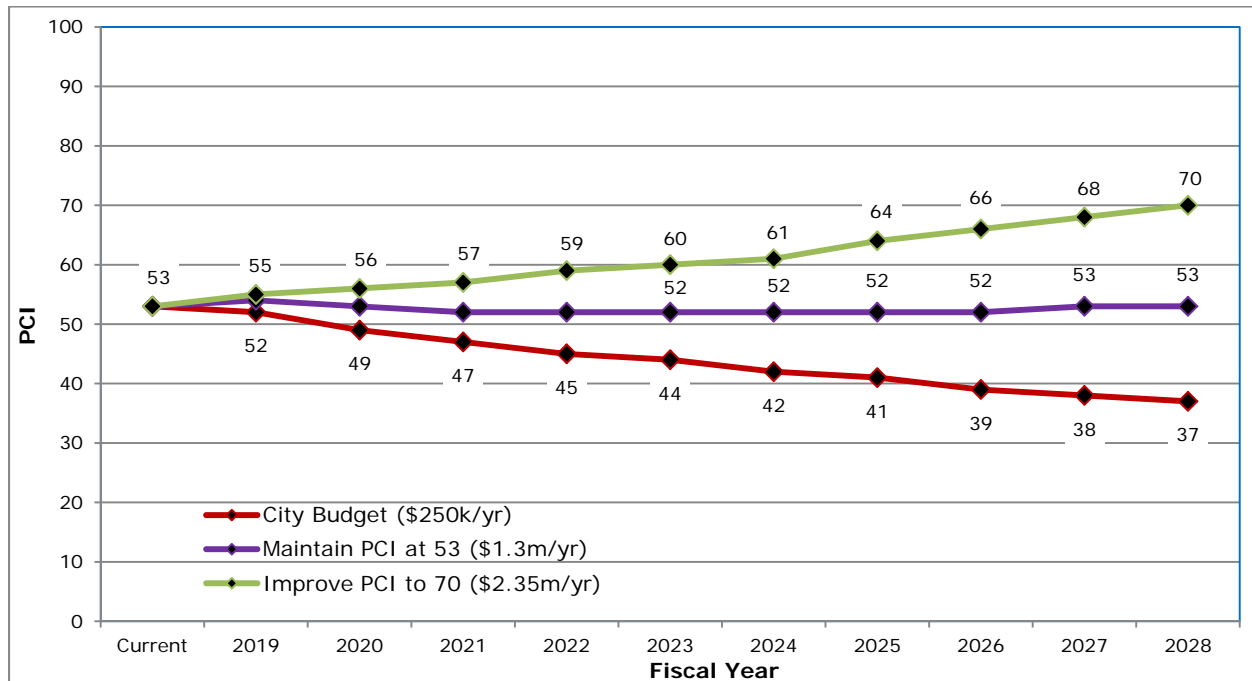


Figure 9: PCI Comparisons between Scenarios

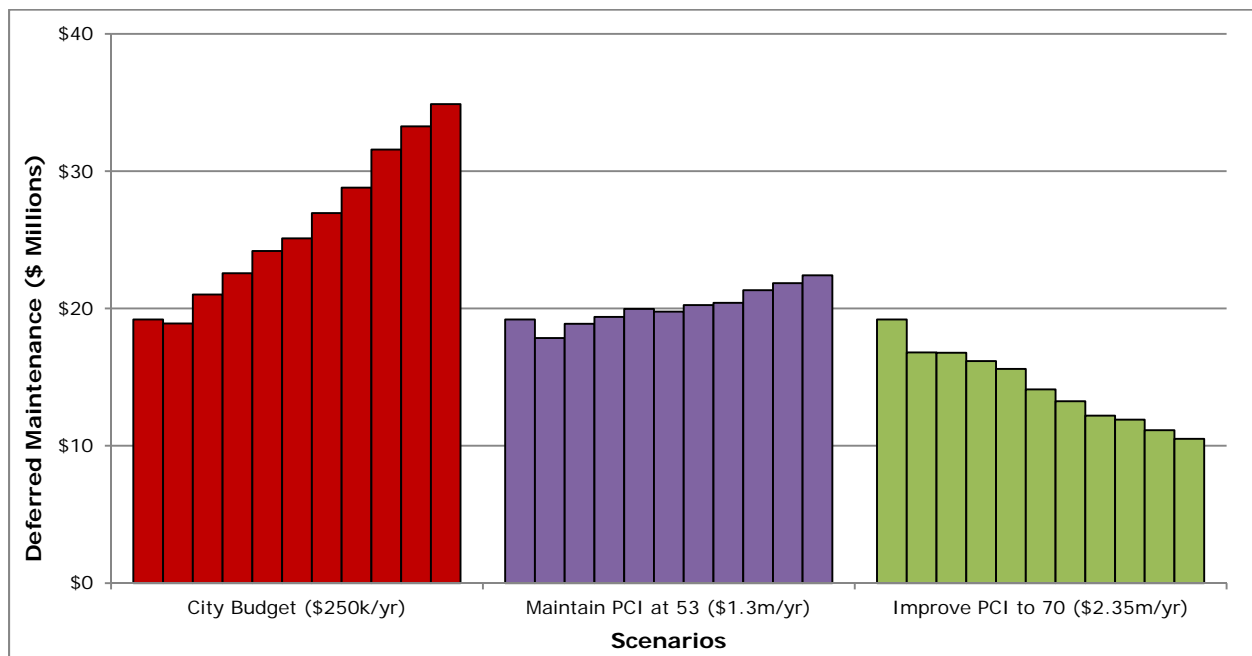


Figure 10: Deferred Maintenance Comparisons between Scenarios



Figure 11 compares the changes in the pavement condition distribution for the three budget scenarios. Currently, 21.7 percent of the City streets are in "Very Poor" condition and approximately one-third are in "Good" condition. If the City continues to spend \$250,000 on paving projects (Scenario 1), almost half of the pavement area will be in "Very Poor" condition within the next ten years. As funding increases in Scenarios 2 and 3, the amount of "Good" condition streets will continue to grow, and conversely, the amount of "Poor" and "Very Poor" condition streets will decrease.

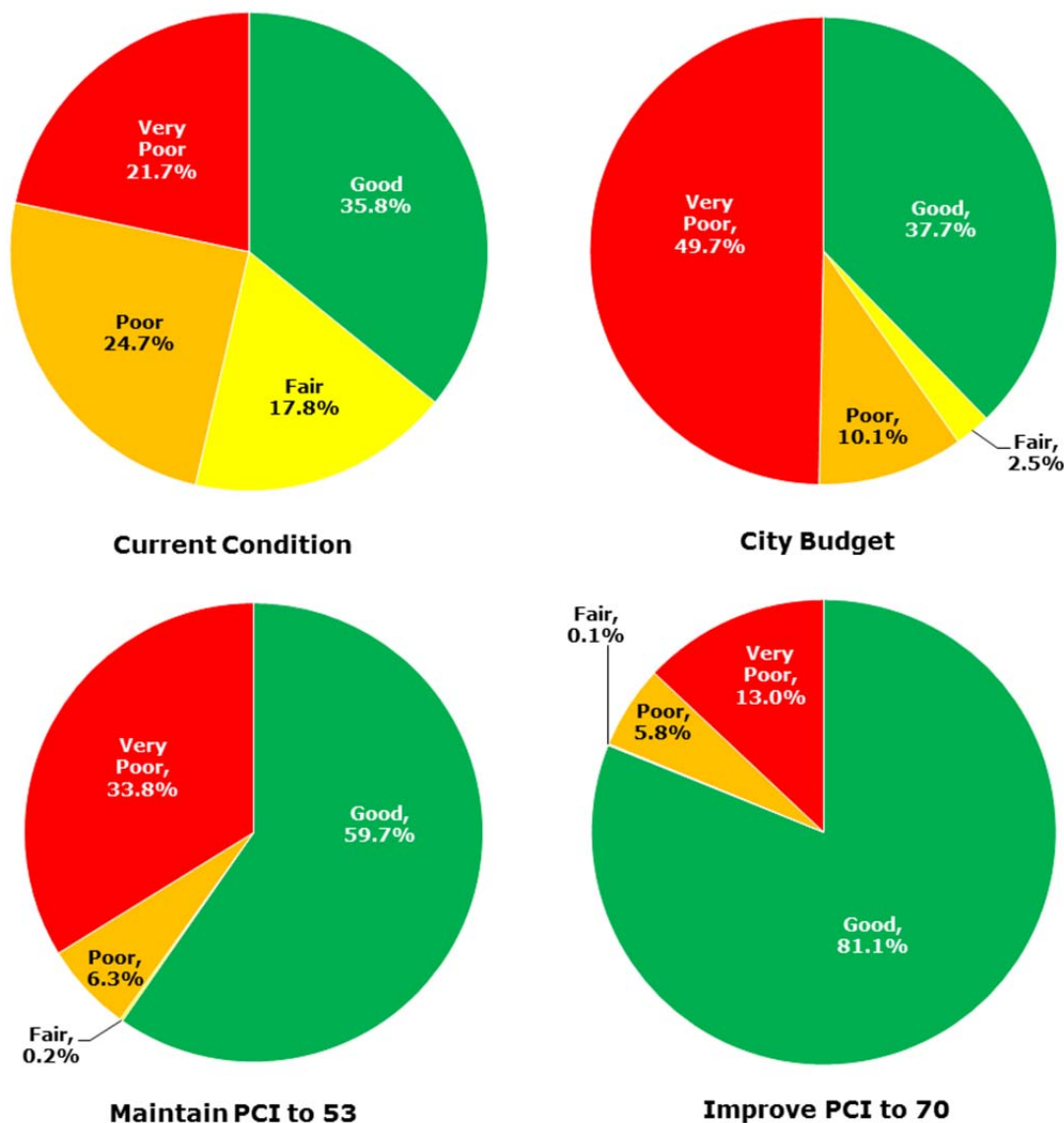


Figure 11: Pavement Condition Breakdown for All Scenarios



Recommendations

The City of Fowler has a substantial investment in its street network with an estimated total replacement cost of \$47 million. Overall, the street network is in the "Fair" condition with a citywide average PCI of 53. Based on the data collected and the scenario analyses, NCE recommends that the City implement the items listed below.

1. **Pavement Funding**

The City's overall pavement network is in critical condition. The network PCI will decrease to 31 if left untreated within the next ten years. NCE recommends that the City implements a paving program of approximately \$2.35 million per year (Scenario 3) as it will improve the City's network condition to 70 while also decreasing the deferred maintenance. Improving the pavement condition to the "Good" category will allow the City to preserve the streets through preventive maintenance methods such as slurry seals which are significantly cheaper than overlays.

2. **Pavement Maintenance Strategies**

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

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

3. **Re-inspection Strategies**

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

4. **M&R Decision Tree**

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



5. Additional Funding

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

Federal

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

State

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

Local

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

Appendix A

Quality Control Plan



QC Plan

Pavement Management Program
2018



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



Fresno COG

The contents of this report is the confidential property of Nichols Consulting Engineers, Chtd. (NCE) and should not be copied, modified, retransmitted, or used for any purpose except with NCE's written authorization.

Table of Contents

1.0 INTRODUCTION 1

1.1 Objectives 1

1.2 Structure 1

2.0 QUALITY CONTROL PLAN..... 2

2.1 Condition Survey Procedure 2

2.2 Accuracy Required For Data Collection..... 3

2.3 Inspectors Qualification and Experience..... 4

3.0 SAFETY PROCEDURE 5

Appendix

A. Resumes of Inspectors

1.0 INTRODUCTION

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

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

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

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

1.1 Objectives

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

1.2 Structure

The following components are addressed in this QC Plan:

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

2.0 QUALITY CONTROL PLAN

2.1 Condition Survey Procedure

The governing documents in performing condition surveys are:

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

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

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

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

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

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

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

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

2.2 Accuracy Required For Data Collection

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

- Re-inspections
- PCI comparisons with past surveys

2.2.1 Random and Systematic Re-inspection

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

Random Re-inspections

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

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

Systematic Re-inspections

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

Acceptability Criteria

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

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

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

2.2.2 PCI Comparison with Past Surveys

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

If PCI is +15 points:

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

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

If PCI is -15points

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

2.3 Inspectors Qualification and Experience

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

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

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

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

3.0 SAFETY PROCEDURE

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

Generally, the safety procedures include:

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

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

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

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

APPENDIX A
RESUMES OF FIELD INSPECTORS

Franc Escobedo

Engineering Field Technician

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

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

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

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

Representative Projects

Pavement Management

Pavement Management Inspections | Engineering Field Technician

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

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



Education

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

Registrations and Certifications

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

Joined NCE

2004

Total Years of Experience

15

David Bivins

Senior Engineering Technician

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

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

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



Education

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

Registrations and Certifications

MTC StreetSaver Rater Certification
Program (expires September 2019)

Joined NCE

2011

Total Years of Experience

17 years

Representative Projects



Pavement Management













Pavement Management System Updates | Senior Field Technician

Various Cities and Counties, CA

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

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

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

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

Jacob Rajnowski

Field Technician

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

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

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



Education

Sterling High School, Sterling, IL, 2003

Joined NCE

2016

Registrations and Certifications

OCTA PAVER Certification 2017

MTC Certification 2016

Total Years of Experience

2 years



















Representative Projects

Pavement Management

Pavement Management System Updates / Field Technician

Various Cities and Counties, CA

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

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

Appendix B

Section Description Inventory Section PCI Listing - Street Network

- I. Sorted by Street Name**
- II. Sorted by Descending PCI**

Section Description Inventory Report

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

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

A list of gravel streets are also included.

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

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
10TH N	TENTH ST NORTH	0100	MERCED ST WEST	TOULUMNE ST WEST	466	52	24,232	R	2	AC	12/16/2018	79
10TH N	TENTH ST NORTH	0200	TOULUMNE ST WEST	NORTH CDS	1,072	26	27,872	R	2	AC	12/16/2018	33
10TH S	TENTH ST SOUTH	0100	FRESNO ST WEST	669' N/O FRESNO ST WEST	669	52	34,788	R	2	AC	12/3/2018	100
10TH S	TENTH ST SOUTH	0200	669' N/O FRESNO ST WEST	MERCED ST WEST	268	52	13,936	R	2	AC	12/3/2018	27
1ST N	FIRST ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	132	37	4,884	R	2	AC	12/3/2018	41
1ST S	FIRST ST SOUTH	0100	MAIN ST EAST	MERCED ST EAST	440	37	16,280	R	2	AC	12/3/2018	17
2ND N	SECOND ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	432	53	22,896	R	2	AC	12/3/2018	52
2ND N	SECOND ST NORTH	0200	ADAMS AVE EAST	NORTH END	660	40	26,400	R	2	AC	12/3/2018	51
2ND S	SECOND ST SOUTH	0100	FRESNO ST EAST	MERCED ST EAST	950	52	49,400	R	2	AC	12/3/2018	41
3RD N	THIRD ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	837	52	43,524	R	2	AC	12/3/2018	48
3RD N	THIRD ST NORTH	0200	LA CROSSE AVE EAST	NORTH END	346	38	13,148	R	2	AC	12/3/2018	51
3RD S	THIRD ST SOUTH	0100	FRESNO ST EAST	MAIN ST EAST	440	52	22,880	R	2	AC	12/3/2018	82
3RD S	THIRD ST SOUTH	0200	MAIN ST EAST	MERCED ST EAST	442	52	22,984	R	2	AC	12/3/2018	44
4TH	FOURTH ST SOUTH	0100	VINE ST EAST	MAIN ST EAST	1,364	53	72,292	R	2	AC	12/16/2018	17
4TH	FOURTH ST SOUTH	0200	MAIN ST EAST	MERCED ST EAST	444	53	23,532	R	2	AC	12/16/2018	40
4TH N	FOURTH ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	440	52	22,880	R	2	AC	12/3/2018	58
4TH N	FOURTH ST NORTH	0200	TOULUMNE ST EAST	ADAMS AVE EAST	714	52	37,128	R	2	AC	12/3/2018	83
4TH N	FOURTH ST NORTH	0300	ADAMS AVE EAST	LA CROSSE AVE EAST	236	36	8,496	R	2	AC	12/3/2018	49
4TH N	FOURTH ST NORTH	0400	EL CROSSE AVE EAST	CURTIS AVE EAST	686	36	24,696	R	2	AC	12/3/2018	34
4TH N	FOURTH ST NORTH	0500	WEST END	END	528	40	21,120	R	2	AC	12/3/2018	46
5TH	FIFTH ST SOUTH	0100	HARRIS CT	TULMNE ST EAST	640	53	33,920	C	2	AC	12/16/2018	32
5TH	FIFTH ST SOUTH	0200	TULMNE ST EAST	MAIN ST EAST	1,470	53	77,910	C	2	AC	12/16/2018	11
5TH	FIFTH ST SOUTH	0300	MAIN ST EAST	MERCED ST EAST	459	53	24,327	C	2	AC	12/16/2018	52
5TH N	FIFTH ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	1,552	53	82,256	R	2	AC	12/3/2018	48
6TH	SIXTH ST SOUTH	0100	PEACH ST EAST	VINE ST EAST	949	53	50,297	R	2	AC	12/16/2018	38
6TH	SIXTH ST SOUTH	0200	VINE ST EAST	MAIN ST EAST	923	53	48,919	R	2	AC	12/16/2018	54
6TH	SIXTH ST SOUTH	0300	MAIN ST EAST	MERCED ST EAST	444	53	23,532	R	2	AC	12/16/2018	75
6TH N	SIXTH ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	436	53	23,108	R	2	AC	12/3/2018	76
6TH N	SIXTH ST NORTH	0200	TOULUMNE ST EAST	ADAMS AVE EAST	1,430	53	75,790	R	2	AC	12/3/2018	43
6TH N	SIXTH ST NORTH	0300	ADAMS AVE EAST	BONITA AVE	665	36	23,940	R	2	AC	12/3/2018	20
6TH N	SIXTH ST NORTH	0500	BONITA AVE	NORTH END	660	36	23,760	R	2	AC	12/3/2018	71
7TH	SEVENTH ST SOUTH	0100	PEACH ST EAST	TULMNE ST EAST	499	53	26,447	R	2	AC	12/16/2018	42
7TH	SEVENTH ST SOUTH	0200	TULMNE ST EAST	VINE ST EAST	470	53	24,910	R	2	AC	12/16/2018	30
7TH	SEVENTH ST SOUTH	0300	VINE ST EAST	FRESNO ST EAST	473	53	25,069	R	2	AC	12/16/2018	30
7TH	SEVENTH ST SOUTH	0400	FRESNO ST EAST	MERCED ST EAST	948	53	50,244	R	2	AC	12/16/2018	41
7TH N	SEVENTH ST NORTH	0100	MERCED ST EAST	MODESTO ST EAST	1,417	53	75,101	R	2	AC	12/3/2018	28
7TH N	SEVENTH ST NORTH	0200	MODESTO ST EAST	ADAMS AVE EAST	830	53	43,990	R	2	AC	12/3/2018	29
7TH N	SEVENTH ST NORTH	0300	ADAMS AVE EAST	BONITA WY	721	44	31,724	R	2	AC	12/3/2018	51
8TH N	EIGHTH ST NORTH	0100	MERCEND ST WEST	TOULEMNE ST WEST	458	46	21,068	C	2	AC	12/16/2018	61
8TH N	EIGHTH ST NORTH	0200	TOULEMNE ST WEST	MARIPOSA ST WEST	489	48	23,472	C	2	AC	12/16/2018	19
8TH N	EIGHTH ST NORTH	0300	MARIPOSA ST WEST	ADAMS AVE EAST	1,730	34	58,820	C	2	AC	12/16/2018	15
8TH N	EIGHTH ST NORTH	0400	ADAMS AVE EAST	END NORTH	1,248	34	42,432	C	2	AC	12/16/2018	57
8TH S	EIGHTH ST SOUTH	0100	SOUTH ST EAST	1,420' N/O SOUTH ST EAST	1,420	31	44,020	C	2	AC	12/16/2018	74

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
8TH S	EIGHTH ST SOUTH	0200	1,420' SOUTH ST EAST	PEACH ST WEST	489	31	15,159	C	2	AC	12/16/2018	23
8TH S	EIGHTH ST SOUTH	0300	PEACH ST WEST	VINE ST WEST	989	45	44,505	C	2	AC	12/16/2018	35
8TH S	EIGHTH ST SOUTH	0400	VINE ST WEST	MERCED ST WEST	1,488	48	71,424	C	2	AC	12/16/2018	31
9TH N	NINTH ST NORTH	0100	MERCED ST WEST	TOULUMNE ST WEST	433	52	22,516	R	2	AC	12/16/2018	46
9TH S	NINTH ST SOUTH	0100	FRESNO ST WEST	MERCED ST WEST	920	52	47,840	R	2	AC	12/16/2018	57
ADAMS E	ADAMS AVE EAST	0100	WEST CITY LIMITS	GOLDEN STATE BLVD	1,060	40	42,400	C	2	AC	12/4/2018	47
ADAMS E	ADAMS AVE EAST	0200	GOLDEN STATE BLVD	FOWLER AVE NORTH	1,276	37	47,212	C	2	AC	12/4/2018	7
ADAMS E	ADAMS AVE EAST	0300	FOWLER AVE NORTH	3RD ST NORTH	1,334	37	49,358	C	2	AC	12/4/2018	14
ADAMS E	ADAMS AVE EAST	0400	3RD ST NOETH	ARMSTONG AVE SOUTH	1,315	37	48,655	C	2	AC	12/3/2018	29
ADAMS E	ADAMS AVE EAST	0500	ARMSTONG AVE SOUTH	VISTA AVE SOUTH	310	48	14,880	C	2	AC	12/3/2018	19
ADAMS E	ADAMS AVE EAST	0600	VISTA AVE	MAIN ST E	360	48	17,280	C	2	AC	12/13/2018	58
ADAMS E	ADAMS AVE EAST	0700	MAIN ST E	DEE ANN AVE	1,302	58	75,516	C	2	AC	12/13/2018	55
ADAMS E	ADAMS AVE EAST	0800	DEE ANN AVE	TEMPERANCE AVE S	638	47	29,986	C	2	AC	12/13/2018	45
ADAMS E	ADAMS AVE EAST	0900	TEMPERANCE AVE S	CITY LIMIT EAST	1,320	40	52,800	C	2	AC	12/13/2018	75
AHRONIAN	AHRONIAN AVE	0100	JONNA AVE NORTH	TEMPERANCE AVE NORTH	1,149	36	41,364	R	2	AC	12/16/2018	100
ARETHA	ARETHA AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	936	37	34,632	R	2	AC	12/16/2018	98
ARMSTRONG	ARMSTRONG AVE SOUTH	0100	CITY LIMIT S/O E HOGAN AVE	N CITY LIMIT	750	43	32,250	C	2	AC	12/16/2018	100
ARMSTRONG	ARMSTONG AVE NORTH	0100	ADAMS AVE EAST	785' N/O ADAMS AVE EAST	785	37	29,045	C	2	AC	12/3/2018	7
ASPEN	ASPEN AVE	0100	MAPLE AVE	SEQUOIA CT	316	37	11,692	R	2	AC	12/16/2018	38
ASPEN	ASPEN AVE	0200	SEQUIA CT	PALM AVE	651	37	24,087	R	2	AC	12/4/2018	72
BEDROSIAN	BEDROIAN AVE	0100	RYAN AVE	MARC AVE	310	36	11,160	R	2	AC	12/4/2018	88
BIRCHCT	BIRCH CT	0100	MAPLE AVE	NORTH CDS	162	36	5,832	R	2	AC	12/4/2018	77
BONITA	BONITA WY	0100	7TH ST NORTH	BONITA AVE	157	36	5,652	R	2	AC	12/16/2018	62
BONITA E	BONITA AVE EAST	0100	CARTER ST	6TH ST	1,273	36	45,828	R	2	AC	12/16/2018	61
BONITA W	BONITA AVE WEST	0100	WEST END	8TH ST WEST	590	20	11,800	R	2	AC	12/16/2018	3
BONITACDS	BONITA CDS EAST	0200	SOUTH CDS	BONITA AVE EAST	178	32	5,696	R	2	AC	12/16/2018	61
BONITACDS	BONITA CDS WEST	0100	CDS SOUTH	BONITA AVE EAST	160	36	5,760	R	2	AC	12/16/2018	70
BOORNAZ	BOORNAZIAN AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	946	36	34,056	R	2	AC	12/16/2018	97
BOORNAZ	BOORNAZIAN AVE	0200	TEMPERANCE AVE SOUTH	GLEASON AVE NORTH	170	60	10,200	R	2	AC	12/16/2018	87
BOUSIAN	BOUSIAN AVE	0100	CLARA AVE	SOUTH AVE	162	37	5,994	R	2	AC	12/4/2018	65
CAREY	CAREY AVE	0100	DUSTIN AVE WEST	NELSON AVE WEST	603	36	21,708	R	2	AC	12/4/2018	96
CARTER	CARTER AVE	0100	CDS	6TH ST NORTH	1,227	36	44,172	R	2	AC	12/16/2018	64
CHRISTOPH	CHRISTOPHER CT	0100	SUMNER AVE EAST	JAMESON DR	521	36	18,756	R	2	AC	12/16/2018	57
CITRUS	CITRUS AVE	0200	SOUTH AVE	FRESNO AVE	711	36	25,596	R	2	AC	12/4/2018	78
CLARA	CLARA AVE	0100	SANDY AVE	HILL AVE	697	36	25,092	R	2	AC	12/4/2018	79
CLARACT	CLARA CT	0100	WEST CDS	SAND AVE	340	36	12,240	R	2	AC	12/4/2018	79
CLAYTON E	CLAYTON AVE EAST	0100	ARMSTONG AVE SOUTH	1,328' E/O ARMSTONG AVE SOUTH	1,328	30	39,840	C	2	AC	12/3/2018	100
CLAYTON E	CLAYTON AVE EAST	0200	1,328' E/O ARMSTRONG AVE SOUTH	TEMPERANCE AVE SOUTH	1,282	30	38,460	C	2	AC	12/3/2018	96
CURTIS	CURTIS AVE	0100	CARTER AVE	6TH ST NORTH	816	36	29,376	R	2	AC	12/16/2018	91
CURTIS	CURTIS AVE	0200	WEST END	EAST END	635	36	22,860	R	2	AC	12/4/2018	42
DEEANN	DEE ANNE AVE	0100	ADAMS AVE EAST	GLEASON AVE EAST	299	36	10,764	R	2	AC	12/16/2018	92
DEEANN	DEE ANNE AVE	0200	SKYLAR AVE	CLAYTON AVE EAST	154	60	9,240	R	2	AC	12/16/2018	98
DUKE	DUKE CT E	0100	MADISON AVE SOUTH	EAST CDS	414	37	15,318	R	2	AC	12/3/2018	76

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
DUSTIN	DUSTIN WY	0100	LAKER LN	CHRISTOPHOR CT	381	36	13,716	R	2	AC	12/16/2018	62
DUSTIN W	DUSTIN AVE WEST	0100	SUNNYSIDE AVE SOUTH	ESRAELIAN AVE	641	36	23,076	R	2	AC	12/16/2018	96
ELIZABETH	ELIZABETH AVE	0100	SUNNYSIDE AVE SOUTH	BEDROSIAN AVE	153	36	5,508	R	2	AC	12/3/2018	88
ESRAELIAN	ESRAELIAN AVE	0100	DUSTIN AVE WEST	JAMESON AVE WEST	354	36	12,744	R	2	AC	12/3/2018	95
FLOYD	FLOYD CT EAST	0100	WEST CDS	OLIVIA AVE SOUTH	490	37	18,130	R	2	AC	12/3/2018	94
FOWLER N	FOWLER AVE NORTH	0100	ADAMS AVE EAST	NORTH CITY LIMIT	1,333	26	34,658	C	2	AC	12/16/2018	18
FOWLER S	FOWLER AVE SOUTH	0100	SOUTH AVE EAST	FRESNO ST WEST	1,563	38	59,394	R	2	AC	12/16/2018	89
FOWLER S	FOWLER AVE SOUTH	0200	FRESNO ST WEST	MERCED ST WEST	957	40	38,280	R	2	AC	12/16/2018	79
FRESNO E	FRESNO ST EAST	0100	7TH ST	4TH ST	1,170	52	60,840	R	2	AC	12/16/2018	24
FRESNO E	FRESNO ST EAST	0200	4TH ST SOUTH	2ND ST SOUTH	765	52	39,780	R	2	AC	12/16/2018	74
FRESNO W	FRESNO ST WEST	0100	STANFORD AV SOUTH	FOWLER AV SOUTH	1,567	54	84,618	A	2	AC	12/16/2018	75
FRESNO W	FRESNO ST WEST	0200	CDS WEST	8TH ST SOUTH	1,105	52	57,460	A	2	AC	12/16/2018	98
GLEASON N	GLEASON AVE NORTH	0100	GLEASON AVE EAST	LORENE AVE	580	36	20,880	R	2	AC	12/3/2018	91
GLEASON N	GLEASON AVE NORTH	0200	LORENE AVE	AHRONIAN AVE	273	36	9,828	R	2	AC	12/15/2018	97
GLEASON N	GLEASON AVE NORTH	0300	HEIDI AVE	SKYLAR AVE	985	36	35,460	R	2	AC	12/3/2018	97
GLEASON E	GLEASON AVE EAST	0100	JONNA AVE NORTH	GLEASON AVE NORTH	881	36	31,716	R	2	AC	12/16/2018	86
GOBLE	GOBLE AVE	0100	JONNA AVE NORTH	TEMPERANCE AVE	1,131	36	40,716	R	2	AC	12/16/2018	81
GOLDEN NB	GOLDEN STATE BLVD	0100	CITY LIMIT SOUTH	SAN ANTONIO DR	1,265	30	37,950	A	2	AC	12/17/2018	9
GOLDEN NB	GOLDEN STATE BLVD	0200	SAN ANTONIO DR	MANNING AVE EAST	810	40	32,400	A	2	AC	12/17/2018	6
GOLDEN NB	GOLDEN STATE BLVD	0300	MANNING AVE EAST	VALLEY DR	1,620	36	58,320	A	2	AC	12/17/2018	12
GOLDEN NB	GOLDEN STATE BLVD	0400	VALLEY DR	RPM DR	1,220	36	43,920	A	2	AC	12/17/2018	8
GOLDEN NB	GOLDEN STATE BLVD	0500	RPM DR	TEMPERANCE DR	1,228	36	44,208	A	2	AC	12/17/2018	4
GOLDEN NB	GOLDEN STATE BLVD	0600	TEMPERANCE DR	GEE ST	916	30	27,480	A	2	AC	12/17/2018	18
GOLDEN NB	GOLDEN STATE BLVD	0700	GEE ST	SOUTH ST EAST	2,148	36	77,328	A	2	AC	12/17/2018	4
GOLDEN NB	GOLDEN STATE BLVD	0800	SOUTH ST EAST	PEACH ST	1,909	37	70,633	A	2	AC	12/17/2018	8
GOLDEN NB	GOLDEN STATE BLVD	1000	VINE ST	MERCED ST	1,488	38	56,544	A	2	AC	12/17/2018	36
GOLDEN NB	GOLDEN STATE BLVD	1100	MERCED ST	MARIPOSA ST	947	40	37,880	A	2	AC	12/17/2018	11
GOLDEN NB	GOLDEN STATE BLVD	1200	MAQRIPOSA ST	ADAMS AVE EAST	1,730	37	64,010	A	2	AC	12/17/2018	15
GOLDEN NB	GOLDEN STATE BLVD	1300	ADAMS AVE EAST	460' N/O ADAMS EAST	460	38	17,480	A	2	AC	12/17/2018	70
GOLDEN NB	GOLDEN STATE BLVD	1400	460' N/O ADAMS AVE EAST	CITY LIMIT NORTH	1,375	36	49,500	A	2	AC	12/17/2018	5
GOLDEN SB	GOLDEN STATE BLVD	0100	CITY LIMIT SOUTH	460' N/O ADAMS AVE EAST	1,375	36	49,500	A	2	AC	12/17/2018	19
GOLDEN SB	GOLDEN STATE BLVD	0200	460' N/O ADAMS AVE EAST	ADAMS AVE EAST	460	40	18,400	A	2	AC	12/17/2018	68
GOLDEN SB	GOLDEN STATE BLVD	0300	ADAMS AVE EAST	MARIPOSA ST	1,730	36	62,280	A	2	AC	12/17/2018	15
GOLDEN SB	GOLDEN STATE BLVD	0400	MARIPOSA ST	MERCED ST	947	40	37,880	A	2	AC	12/17/2018	10
GOLDEN SB	GOLDEN STATE BLVD	0500	MERCED ST	VINE ST	1,488	37	55,056	A	2	AC	12/17/2018	46
GOLDEN SB	GOLDEN STATE BLVD	0600	VINE ST	PEACH ST	989	36	35,604	A	2	AC	12/17/2018	28
GOLDEN SB	GOLDEN STATE BLVD	0700	PEACH ST	SOUTH ST EAST	1,909	36	68,724	A	2	AC	12/17/2018	26
GOLDEN SB	GOLDEN STATE BLVD	0800	SOUTH ST WAST	WIDTH CHANGE	1,575	37	58,275	A	2	AC	12/17/2018	38
GOLDEN SB	GOLDEN STATE BLVD	0900	WIDTH CHANGE	TEMPERANCE DR SOUTH	1,490	30	44,700	A	2	AC	12/17/2018	24
GOLDEN SB	GOLDEN STATE BLVD	1000	TEMPERANCE DR SOUTH	RPM DR	1,228	30	36,840	A	2	AC	12/17/2018	23
GOLDEN SB	GOLDEN STATE BLVD	1100	RPM DR	VALLEY DR	1,220	30	36,600	A	2	AC	12/17/2018	30
GOLDEN SB	GOLDEN STATE BLVD	1200	VALLEY DR	MANNING AVE EAST	1,620	40	64,800	A	2	AC	12/17/2018	27
GOLDEN SB	GOLDEN STATE BLVD	1300	MANNING AVE EAST	SAN ANTOINIO DR	810	34	27,540	A	2	AC	12/17/2018	29

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
GOLDEN SB	GOLDEN STATE BLVD	1400	SAN ANTONIO DR	CITY LIMIT SOUTH	1,265	30	37,950	A	2	AC	12/17/2018	36
GROVE	GROVE ST NORTH	0100	ADAMS AVE EAST	LA CROSSE AVE EAST	315	24	7,560	R	2	AC	12/17/2018	70
HARRIS	HARRIS CT	0100	5TH ST SOUTH	END CDS	288	36	10,368	R	2	AC	12/17/2018	58
HARRIS S	HARRIS AVE SOUTH	0100	SOUT HAVE EAST	919' N/O SOUTH EAST AVE	919	24	22,056	C	2	AC	12/17/2018	28
HARRIS S	HARRIS AVE SOUTH	0200	919' N/O SOUTH AVE EAST	MOTT AVE EAST	842	36	30,312	C	2	AC	12/17/2018	56
HARRIS S	HARRIS AVE SOUTH	0300	MOTT AVE EAST	HARRIS CT	1,214	52	63,128	C	2	AC	12/17/2018	68
HEIDI	HEIDI AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	955	37	35,335	R	2	AC	12/17/2018	96
HILL	HILL AVE	0100	RANDY AVE	CLARA AVE	990	36	35,640	R	2	AC	12/3/2018	83
HOGAN	HOGAN AVE	0100	CHRISTOPHER ST	JONNA AVE NORTH	284	36	10,224	R	2	AC	12/17/2018	98
JAMES S	JAMES AVE SOUTH	0100	WALTER AVE EAST	KATHERINE AVE EAST	150	40	6,000	R	2	AC	12/17/2018	83
JAMES S	JAMES AVE SOUTH	0200	MICHELLE AVE EAST	ADAMS AVE EAST	159	40	6,360	R	2	AC	12/17/2018	91
JAMESON	JAMESON DR	0100	LAKER LN	CHRISTOPHER CT	417	36	15,012	R	2	AC	12/17/2018	58
JAMESONW	JAMESON AVE WEST	0100	CAREY AVE	W WALTER AVE	596	36	21,456	R	2	AC	12/3/2018	89
JONNA	JONNA AVE NORTH	0100	GLEASON AVE EAST	AHRONIAN AVE	873	36	31,428	R	2	AC	12/17/2018	82
JONNA	JONNA AVE NORTH	0200	HEIDI AVE	BOORNAZIAN AVE	330	36	11,880	R	2	AC	12/17/2018	98
JONNA	JONNA AVE NORTH	0300	ARETHA AVE	SKYLAR AVE	328	36	11,808	R	2	AC	12/17/2018	98
KATHERINE	KATHERINE AVE EAST	0100	MADISON AVE SOUTH	OLIVIA AVE SOUTH	984	37	36,408	R	2	AC	12/3/2018	66
LACROSSE E	LA CROSSE AVE EAST	0100	GROVE AVE NORTH	6TH ST NORTH	335	36	12,060	R	2	AC	12/17/2018	70
LACROSSEE	LA CROSSE AVE EAST	0200	6TH T NORTH	FOWLER AVE NORTH	302	36	10,872	R	2	AC	12/17/2018	46
LACROSSEE	LA CROSSE AVE EAST	0300	4TH ST NORTH	2ND ST NOTH	1,066	36	38,376	R	2	AC	12/17/2018	40
LAKER	LAKER LN	0100	RUBY AVE	SUMNER AVE	520	36	18,720	R	2	AC	12/17/2018	65
LAKER	LAKER LN	0200	SUMNER AVE EAST	NORTH END	650	36	23,400	R	2	AC	12/17/2018	57
LEWISCT	LEWIS CT EAST	0100	WEST CDS	OLIVIA AVE SOUTH	486	37	17,982	R	2	AC	12/3/2018	70
LORENE	LORENE AVE	0100	JONNA AVE NORTH	GLEASON AVE EAST	987	36	35,532	R	2	AC	12/17/2018	95
MADISON	MADISON AVE SOUTH	0100	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	590	37	21,830	R	2	AC	12/17/2018	71
MADISON S	MADISON AVE SOUTH	0200	590' N/O KATHERINE ST EAST	MICHELLE AVE EAST	355	37	13,135	R	2	AC	12/17/2018	96
MAGNOLIA	MAGNOLIA AVE	0100	PALM CT	SUMNER AVE EAST	166	37	6,142	R	2	AC	12/3/2018	58
MAIN E	MAIN ST EAST	0100	7TH ST SOUTH	5TH ST SOUTH	764	53	40,492	R	2	AC	12/3/2018	14
MAIN E	MAIN ST EAST	0200	5TH ST SOUTH	2ND ST SOUTH	1,190	53	63,070	R	2	AC	12/3/2018	24
MAIN E	MAIN ST EAST	0300	2ND ST SOUTH	ADAMS AVE EAST	1,121	53	59,413	R	2	AC	12/3/2018	15
MAIN W	MAIN ST WEST	0100	10TH ST WEST	8TH ST WEST	750	52	39,000	A	2	AC	12/17/2018	50
MANNING E	MANNING AVE EAST	0100	TEMPERANCE AVE SOUTH	I-99 SB ONRAMP	386	40	15,440	A	2	AC	12/17/2018	6
MANNING E	MANNING AVE EAST	0200	I-99 SB ONRAMP	VINEYARD PL	690	72	49,680	A	4	AC	12/17/2018	51
MAPLE	MAPLE AVE	0100	SUNNY SIDE AVE SOUTH	SPUCE AVE	505	36	18,180	R	2	AC	12/3/2018	88
MAPLE	MAPLE AVE	0200	ASPEN AVE	STANFORD AVE SOUTH	497	37	18,389	R	2	AC	12/3/2018	34
MAPLE	MAPLE AVE	0300	STANFORD AVE SOUTH	PALM CT	803	37	29,711	R	2	AC	12/3/2018	71
MARC	MARC AVE	0100	BEDROSAN AVE	HILL AVE	959	36	34,524	R	2	AC	12/3/2018	80
MARIPOSA	MARIPOSA AVE WEST	0100	CDS WEST	10TH ST NORTH	304	32	9,728	R	2	AC	12/17/2018	53
MARIPOSA E	MARIPOSA AVE EAST	0100	GOLDEN STATE BLVD	7TH ST NORTH	322	50	16,100	A	2	AC	12/3/2018	46
MARIPOSA E	MARIPOSA AVE EAST	0200	7TH ST NORTH	5TH ST NORTH	762	52	39,624	A	2	AC	12/3/2018	81
MARIPOSA E	MARIPOSA AVE EAST	0300	4TH ST	ADAMS AVE EAST	279	52	14,508	A	2	AC	1/7/2019	46
MERCED E	MERCED ST EAST	0100	GOLDEN STAD BLVD	7 ST SOUTH	324	40	12,960	C	2	AC	12/3/2018	95
MERCED E	MERCED ST EAST	0200	7TH ST SOUTH	5TH ST SOUTH	815	52	42,380	C	2	AC	12/3/2018	90

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
MERCED E	MERCED ST EAST	0300	5TH ST SOUTH	1ST ST SOUTH	1,612	52	83,824	C	2	AC	12/3/2018	82
MERCED E	MERCED ST EAST	0400	1ST ST SOUTH	ADAMS AVE EAST	187	46	8,602	C	2	AC	12/3/2018	95
MERCED W	MERCED ST WEST	0100	I-99 OFF RAMP SB	I-99 OFF RAMP NB	380	60	22,800	A	2	AC	12/17/2018	50
MERCED W	MERCED ST WEST	0200	I-99 OFF RAMP NB	GOLDEN STATE BLVE	1,220	52	63,440	A	2	AC	12/17/2018	86
MICHELLE E	MICHELLE AVE EAST	0100	MADISON AVE SOUTH	OLIVIA AVE SOUTH	1,003	37	37,111	R	2	AC	12/3/2018	89
MODESTO E	MODESTO ST EAST	0100	7TH ST NORTH	5TH ST NORTH	770	52	40,040	R	2	AC	12/3/2018	70
NELSON E	NELSON AVE EAST	0100	4TH ST SOUTH	CARSON LN	862	30	25,860	R	2	AC	12/3/2018	100
NELSON E	NELSON AVE EAST	0200	4TH ST SOUTH	LAKER LN	862	30	25,860	R	2	AC	12/17/2018	100
NELSON W	NELSON AVE WEST	0100	SUNNYSIDE AVE SOUTH	WALTER AVE WEST	531	36	19,116	R	2	AC	12/17/2018	96
OAK	OAK AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	487	36	17,532	R	2	AC	12/3/2018	69
OAKCT	OAK CT	0100	ASPEN AVE	EAST CDS	392	37	14,504	R	2	AC	12/3/2018	70
OLIVIA S	OLIVIA AVE SOUTH	0100	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	516	37	19,092	R	2	AC	12/17/2018	66
OLIVIA S	OLIVIA AVE SOUTH	0200	516' N/O KATHERINE ST EAST	MICHELLE AVE EAST	437	37	16,169	R	2	AC	12/17/2018	91
PALM	PALM AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	503	36	18,108	R	2	AC	12/3/2018	76
PALM	PALM AVE	0200	ASPEN AVE	EAST CDS	410	37	15,170	R	2	AC	12/3/2018	77
PALMCT	PALM CT	0100	FRESNO ST WEST	NORTH CDS	820	37	30,340	R	2	AC	12/3/2018	82
PARLIER E	PARLIER AVE EAST	0100	WEST END	TEMERANCE AVE SOUTH	1,037	15	15,555	R	2	AC	12/3/2018	0
PARLIER E	PARLIER AVE EAST	0200	TEMPERANCE AVE SOUTH	CITY LIMIT EAST	1,268	22	27,896	R	2	AC	12/3/2018	51
PEACH	PEACH ST WEST	0100	WEST END	8TH ST SOUTH	856	24	20,544	R	2	AC	12/17/2018	45
PEACH E	PEACH AVE EAST	0100	7TH ST SOUTH	6TH ST SOUTH	422	53	22,366	C	2	AC	12/3/2018	0
RANDY	RANDY AVE	0100	SIMONIAN AVE	HILL AVE	628	36	22,608	R	2	AC	12/3/2018	75
RANDYCT	RANDY CT	0100	RANDY AVE	NORHT CDS	161	36	5,796	R	2	AC	12/3/2018	86
RUBY	RUBY AVE	0100	LAKER LN	SALLY ST	440	36	15,840	R	2	AC	12/17/2018	65
RYAN	RYAN AVE	0100	BEDROSIAN AVE	HILL AVE	970	36	34,920	R	2	AC	12/3/2018	89
SALLY	SALLY ST	0100	RUBY AVE	VIOLET AVE	276	36	9,936	R	2	AC	12/17/2018	54
SANANTONIO	SAN ANTONIO DR	0100	VINEYARD PL	GOLDEN STATE BLVE	1,113	41	45,633	R	2	AC	12/17/2018	69
SANDY	SANDY AVE	0100	MARC AVE	CLARK	249	36	8,964	R	2	AC	12/17/2018	88
SEQUOIA	SEQUOIA AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	483	36	17,388	R	2	AC	12/17/2018	69
SEQUOIACT	SEQUOIA CT	0100	ASPEN AVE	CDS EAST	396	37	14,652	R	2	AC	12/17/2018	60
SIMONEC	SIMONE CT	0100	S WALNUT DR	N CDS	190	36	6,840	R	2	AC	12/3/2018	59
SIMONIAN	SIMONIAN AVE	0100	RANDY AVE	RYAN AVE	361	36	12,996	R	2	AC	12/3/2018	82
SKYLAR	SKYLAR AVE	0100	GLEASON AVE NORTH	JONNA AVE NORTH	968	36	34,848	R	2	AC	12/17/2018	97
SOUTH	SOUTH AVE EAST	0500	GOLDEN STATE BLVD	HARRIS AVE SOUTH	1,493	24	35,832	C	2	AC	12/3/2018	42
SOUTH E	SOUTH AVE EAST	0100	WEST CITY LIMIT	STANFORD AVE SOUTH	1,341	43	57,663	C	3	AC	12/3/2018	89
SOUTH E	SOUTH AVE EAST	0200	STANFORD AVE SOUTH	FOWLER AVE SOUTH	1,305	32	41,760	C	2	AC	12/3/2018	48
SOUTH E	SOUTH AVE EAST	0300	FOWLER AVE SOUTH	BURGAN AVE SOUTH	1,322	14	18,508	R	2	AC	12/3/2018	70
SOUTH E	SOUTH AVE EAST	0400	WEST CDS	GOLDEN STATE BLVD	899	40	35,960	R	2	AC	12/3/2018	63
SPRUCE	SPRUCE ACE	0100	MAPLE AVE	PALM	955	36	34,380	R	2	AC	12/17/2018	72
STANDFORDS	STANDFORD AVE SOUTH	0100	SOUTH AVE EAST	FRESNO ST WEST	498	29	14,442	R	2	AC	12/17/2018	57
STANDFORDS	STANDFORD AVE SOUTH	0200	SOUTH END	MAPLE AVE	160	37	5,920	R	2	AC	12/17/2018	77
STANLEYC	STANLEY CT	0100	CDS SOUTH	WALNUT DR SOUTH	146	36	5,256	R	2	AC	12/17/2018	60
STERNS	STEARNS AVE	0100	SOUTH END	ADAMS AVE EAST	750	32	24,000	R	2	AC	12/17/2018	30
STOCKTON E	STOCKTON ST EAST	0100	7TH ST NORTH	6TH ST NORTH	353	53	18,709	R	2	AC	12/3/2018	57

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
SUMNER	SUMNER AVE E	0100	5TH ST SOUTH	LAKER LN	810	36	29,160	R	2	AC	12/17/2018	29
SUMNER	SUMNER AVE E	0200	LAKER LN	EAST END	530	36	19,080	R	2	AC	12/17/2018	60
SUMNER	SUMNER AVE E	0300	CITY LIMIT WEST	MANGNOLIA AVE	1,020	46	46,920	R	2	AC	12/3/2018	82
SUMNER	SUMNER AVE E	0400	MAGNOLIA AVE	SUMNER AVE NORTH	370	40	14,800	R	2	AC	12/3/2018	86
SUMNER N	SUMNER AVE N	0100	FOWLER AVE SOUTH	SUMNER AVE EAST	720	50	36,000	R	3	AC	12/3/2018	47
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0100	SOUTH END	SOUTH AVE EAST	1,328	36	47,808	R	2	AC	12/17/2018	82
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0200	SOUTH END	SUMMER AVE EAST	1,310	24	31,440	R	2	AC	12/17/2018	91
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0300	SUMMER AVE EAST	NORTH END	1,333	24	31,992	R	2	AC	12/17/2018	91
TAMI E	TAMI CT EAST	0100	MADISON AVE SOUTH	EAST CDS	415	37	15,355	R	2	AC	12/3/2018	91
TEMPERANCE	TEMPERANCE AVE SOUTH	0100	MANNING AVE EAST	620' N/O MANNING AVE EAST	620	22	13,640	R	2	AC	12/17/2018	19
TEMPERANCE	TEMPERANCE AVE SOUTH	0200	VALLEY DR	PARLIER AVE EAST	1,411	42	59,262	R	2	AC	12/17/2018	69
TEMPERANCE	TEMPERANCE AVE SOUTH	0300	PARLIER AVE EAST	GOLDEN STATE BLVD	432	42	18,144	R	2	AC	12/17/2018	85
TEMPERANCE	TEMPERANCE AVE SOUTH	0400	GOLDEN STATE BLVD	CITY LIMIT	1,609	22	35,398	R	2	AC	12/17/2018	36
TEMPERANCE	TEMPERANCE AVE SOUTH	0500	CITY LIMIT @ WALTER AVE	ADAMS AVE EAST	1,354	52	70,408	R	2	AC	12/17/2018	60
TEMPERANCE	TEMPERANCE AVE SOUTH	0600	ADAMS AVE EAST	166' N/O GOBLE AVE	797	41	32,677	R	2	AC	12/17/2018	100
TEMPERANCE	TEMPERANCE AVE SOUTH	0700	166' N/O GOBLE AVE	137' N/O AHRONIAN AVE	520	41	21,320	R	2	AC	12/17/2018	100
TEMPERANCE	TEMPERANCE AVE SOUTH	0800	137' N/O AHRONIAN AVE	CLATON AVE EAST	1,330	49	65,170	R	2	AC	12/17/2018	96
TEMPERANCE	TEMPERANCE AVE SOUTH	0900	CLAYTON AVE EAST	CITY LIMIT NORTH	227	24	5,448	R	2	AC	12/17/2018	86
TOULUMNE E	TOULUMNE ST EAST	0300	4TH ST NORTH	ADAMS AVE EAST	815	53	43,195	R	2	AC	12/3/2018	21
TOULUMNEE	TOULUMNE ST EAST	0100	7TH ST NORTH	5TH ST NORTH	766	53	40,598	R	2	AC	12/3/2018	11
TOULUMNEE	TOULUMNE ST EAST	0200	5TH ST NORTH	4TH ST NORTH	365	53	19,345	R	2	AC	12/3/2018	43
TOULUMNEW	TOULUMNE ST WEST	0100	CDS WEST	10TH ST NORTH	248	21	5,208	R	2	AC	12/17/2018	81
TOULUMNEW	TOULUMNE ST WEST	0200	10TH ST NORTH	8TH ST NORTH	764	48	36,672	R	2	AC	12/17/2018	71
TULARE	TULARE ST EAST	0100	7TH ST SOUTH	5TH ST SOUTH	742	52	38,584	R	2	AC	12/17/2018	46
VALLEY E	VALLEY DR EAST	0100	TEMPERANCE AVE SOUTH	GOLDEN STATE BLVD	1,814	60	108,840	C	3	AC	12/3/2018	88
VINE E	VINE ST EAST	0100	GOLDEN STATE BLVD	5TH ST SOUTH	1,138	53	60,314	C	2	AC	12/3/2018	2
VINE E	VINE ST EAST	0200	5TH ST SOUTH	4TH ST SOUTH	414	53	21,942	R	2	AC	12/3/2018	6
VINEYARD	VINEYARD PL	0100	MANNING AVE EAST	SAN ANTONIO AVE	1,032	40	41,280	R	2	AC	12/17/2018	56
VIOLET	VIOLET AVE	0100	LAKER LN	SALLY ST	407	36	14,652	R	2	AC	12/17/2018	66
VISTA	VISTA AVE	0100	MAIN ST EAST	ADAMS AVE EAST	288	36	10,368	R	3	AC	12/17/2018	38
WALNUT	WALNUT DR	0100	SOUTH AVE EAST	WALNUT DR	733	36	26,388	R	2	AC	12/17/2018	68
WALNUT	WALNUT DR	0200	WALNUT DR	FRESNO ST	610	36	21,960	R	2	AC	12/17/2018	33
WALTER E	WALTER AVE EAST	0100	FRESNO ST EAST	CITY LIMIT	1,305	37	48,285	R	2	AC	12/3/2018	45
WALTER E	WALTER AVE EAST	0200	TEMPERANCE AVE SOUTH	CITY LIMIT EAST	1,320	34	44,880	R	2	AC	12/3/2018	64
WALTER W	WALTER AVE WEST	0100	SUNNYSIDE AVE EAST	JAMESON AVE WEST	1,007	36	36,252	R	2	AC	12/17/2018	91
WILLOWCT	WILLOW CT	0100	MAPLE AVE	CDS NORTH	156	36	5,616	R	2	AC	12/17/2018	80

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
10TH S	TENTH ST SOUTH	0100	FRESNO ST WEST	669' N/O FRESNO ST WEST	669	52	34,788	R	2	AC	12/3/2018	100
AHRONIAN	AHRONIAN AVE	0100	JONNA AVE NORTH	TEMPERANCE AVE NORTH	1,149	36	41,364	R	2	AC	12/16/2018	100
ARMSTRONG	ARMSTRONG AVE SOUTH	0100	CITY LIMIT S/O E HOGAN AVE	N CITY LIMIT	750	43	32,250	C	2	AC	12/16/2018	100
CLAYTON E	CLAYTON AVE EAST	0100	ARMSTONG AVE SOUTH	1,328' E/O ARMSTONG AVE SOUTH	1,328	30	39,840	C	2	AC	12/3/2018	100
NELSON E	NELSON AVE EAST	0100	4TH ST SOUTH	CARSON LN	862	30	25,860	R	2	AC	12/3/2018	100
NELSON E	NELSON AVE EAST	0200	4TH ST SOUTH	LAKER LN	862	30	25,860	R	2	AC	12/17/2018	100
TEMPERANCE	TEMPERANCE AVE SOUTH	0600	ADAMS AVE EAST	166' N/O GOBLE AVE	797	41	32,677	R	2	AC	12/17/2018	100
TEMPERANCE	TEMPERANCE AVE SOUTH	0700	166' N/O GOBLE AVE	137' N/O AHRONIAN AVE	520	41	21,320	R	2	AC	12/17/2018	100
ARETHA	ARETHA AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	936	37	34,632	R	2	AC	12/16/2018	98
DEEANN	DEE ANNE AVE	0200	SKYLAR AVE	CLAYTON AVE EAST	154	60	9,240	R	2	AC	12/16/2018	98
FRESNO W	FRESNO ST WEST	0200	CDS WEST	8TH ST SOUTH	1,105	52	57,460	A	2	AC	12/16/2018	98
HOGAN	HOGAN AVE	0100	CHRISTOPHER ST	JONNA AVE NORTH	284	36	10,224	R	2	AC	12/17/2018	98
JONNA	JONNA AVE NORTH	0200	HEIDI AVE	BOORNAZIAN AVE	330	36	11,880	R	2	AC	12/17/2018	98
JONNA	JONNA AVE NORTH	0300	ARETHA AVE	SKYLAR AVE	328	36	11,808	R	2	AC	12/17/2018	98
BOORNAZ	BOORNAZIAN AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	946	36	34,056	R	2	AC	12/16/2018	97
GLEASON N	GLEASON AVE NORTH	0200	LORENE AVE	AHRONIAN AVE	273	36	9,828	R	2	AC	12/15/2018	97
GLEASON N	GLEASON AVE NORTH	0300	HEIDI AVE	SKYLAR AVE	985	36	35,460	R	2	AC	12/3/2018	97
SKYLAR	SKYLAR AVE	0100	GLEASON AVE NORTH	JONNA AVE NORTH	968	36	34,848	R	2	AC	12/17/2018	97
CAREY	CAREY AVE	0100	DUSTIN AVE WEST	NELSON AVE WEST	603	36	21,708	R	2	AC	12/4/2018	96
CLAYTON E	CLAYTON AVE EAST	0200	1,328' E/O ARMSTRONG AVE SOUTH	TEMPERANCE AVE SOUTH	1,282	30	38,460	C	2	AC	12/3/2018	96
DUSTIN W	DUSTIN AVE WEST	0100	SUNNYSIDE AVE SOUTH	ESRAELIAN AVE	641	36	23,076	R	2	AC	12/16/2018	96
HEIDI	HEIDI AVE	0100	JONNA AVE NORTH	GLEASON AVE NORTH	955	37	35,335	R	2	AC	12/17/2018	96
MADISON S	MADISON AVE SOUTH	0200	590' N/O KATHERINE ST EAST	MICHELLE AVE EAST	355	37	13,135	R	2	AC	12/17/2018	96
NELSON W	NELSON AVE WEST	0100	SUNNYSIDE AVE SOUTH	WALTER AVE WEST	531	36	19,116	R	2	AC	12/17/2018	96
TEMPERANCE	TEMPERANCE AVE SOUTH	0800	137' N/O AHRONIAN AVE	CLATON AVE EAST	1,330	49	65,170	R	2	AC	12/17/2018	96
ESRAELIAN	ESRAELIAN AVE	0100	DUSTIN AVE WEST	JAMESON AVE WEST	354	36	12,744	R	2	AC	12/3/2018	95
LORENE	LORENE AVE	0100	JONNA AVE NORTH	GLEASON AVE EAST	987	36	35,532	R	2	AC	12/17/2018	95
MERCED E	MERCED ST EAST	0100	GOLDEN STAD BLVD	7 ST SOUTH	324	40	12,960	C	2	AC	12/3/2018	95
MERCED E	MERCED ST EAST	0400	1ST ST SOUTH	ADAMS AVE EAST	187	46	8,602	C	2	AC	12/3/2018	95
FLOYD	FLOYD CT EAST	0100	WEST CDS	OLIVIA AVE SOUTH	490	37	18,130	R	2	AC	12/3/2018	94
DEEANN	DEE ANNE AVE	0100	ADAMS AVE EAST	GLEASON AVE EAST	299	36	10,764	R	2	AC	12/16/2018	92
CURTIS	CURTIS AVE	0100	CARTER AVE	6TH ST NORTH	816	36	29,376	R	2	AC	12/16/2018	91
GLEASON N	GLEASON AVE NORTH	0100	GLEASON AVE EAST	LORENE AVE	580	36	20,880	R	2	AC	12/3/2018	91
JAMES S	JAMES AVE SOUTH	0200	MICHELLE AVE EAST	ADAMS AVE EAST	159	40	6,360	R	2	AC	12/17/2018	91
OLIVIA S	OLIVIA AVE SOUTH	0200	516' N/O KATHERINE ST EAST	MICHELLE AVE EAST	437	37	16,169	R	2	AC	12/17/2018	91
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0200	SOUTH END	SUMMER AVE EAST	1,310	24	31,440	R	2	AC	12/17/2018	91
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0300	SUMMER AVE EAST	NORTH END	1,333	24	31,992	R	2	AC	12/17/2018	91
TAMI E	TAMI CT EAST	0100	MADISON AVE SOUTH	EAST CDS	415	37	15,355	R	2	AC	12/3/2018	91
WALTER W	WALTER AVE WEST	0100	SUNNYSIDE AVE EAST	JAMESON AVE WEST	1,007	36	36,252	R	2	AC	12/17/2018	91
MERCED E	MERCED ST EAST	0200	7TH ST SOUTH	5TH ST SOUTH	815	52	42,380	C	2	AC	12/3/2018	90
FOWLER S	FOWLER AVE SOUTH	0100	SOUTH AVE EAST	FRESNO ST WEST	1,563	38	59,394	R	2	AC	12/16/2018	89
JAMESONW	JAMESON AVE WEST	0100	CAREY AVE	W WALTER AVE	596	36	21,456	R	2	AC	12/3/2018	89
MICHELLE E	MICHELLE AVE EAST	0100	MADISON AVE SOUTH	OLIVIA AVE SOUTH	1,003	37	37,111	R	2	AC	12/3/2018	89

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
RYAN	RYAN AVE	0100	BEDROSIAN AVE	HILL AVE	970	36	34,920	R	2	AC	12/3/2018	89
SOUTH E	SOUTH AVE EAST	0100	WEST CITY LIMIT	STANFORD AVE SOUTH	1,341	43	57,663	C	3	AC	12/3/2018	89
BEDROSIAN	BEDROIAN AVE	0100	RYAN AVE	MARC AVE	310	36	11,160	R	2	AC	12/4/2018	88
ELIZABETH	ELIZABETH AVE	0100	SUNNYSIDE AVE SOUTH	BEDROSIAN AVE	153	36	5,508	R	2	AC	12/3/2018	88
MAPLE	MAPLE AVE	0100	SUNNY SIDE AVE SOUTH	SPUCE AVE	505	36	18,180	R	2	AC	12/3/2018	88
SANDY	SANDY AVE	0100	MARC AVE	CLARK	249	36	8,964	R	2	AC	12/17/2018	88
VALLEY E	VALLEY DR EAST	0100	TEMPERANCE AVE SOUTH	GOLDEN STATE BLVD	1,814	60	108,840	C	3	AC	12/3/2018	88
BOORNAZ	BOORNAZIAN AVE	0200	TEMPERANCE AVE SOUTH	GLEASON AVE NORTH	170	60	10,200	R	2	AC	12/16/2018	87
GLEASONE	GLEASON AVE EAST	0100	JONNA AVE NORTH	GLEASON AVE NORTH	881	36	31,716	R	2	AC	12/16/2018	86
MERCED W	MERCED ST WEST	0200	I-99 OFF RAMP NB	GOLDEN STATE BLVE	1,220	52	63,440	A	2	AC	12/17/2018	86
RANDYCT	RANDY CT	0100	RANDY AVE	NORHT CDS	161	36	5,796	R	2	AC	12/3/2018	86
SUMNER	SUMNER AVE E	0400	MAGNOLIA AVE	SUMNER AVE NORTH	370	40	14,800	R	2	AC	12/3/2018	86
TEMPERANCE	TEMPERANCE AVE SOUTH	0900	CLAYTON AVE EAST	CITY LIMIT NORTH	227	24	5,448	R	2	AC	12/17/2018	86
TEMPERANCE	TEMPERANCE AVE SOUTH	0300	PARLIER AVE EAST	GOLDEN STATE BLVD	432	42	18,144	R	2	AC	12/17/2018	85
4TH N	FOURTH ST NORTH	0200	TOULUMNE ST EAST	ADAMS AVE EAST	714	52	37,128	R	2	AC	12/3/2018	83
HILL	HILL AVE	0100	RANDY AVE	CLARA AVE	990	36	35,640	R	2	AC	12/3/2018	83
JAMES S	JAMES AVE SOUTH	0100	WALTER AVE EAST	KATHERINE AVE EAST	150	40	6,000	R	2	AC	12/17/2018	83
3RD S	THIRD ST SOUTH	0100	FRESNO ST EAST	MAIN ST EAST	440	52	22,880	R	2	AC	12/3/2018	82
JONNA	JONNA AVE NORTH	0100	GLEASON AVE EAST	AHRONIAN AVE	873	36	31,428	R	2	AC	12/17/2018	82
MERCED E	MERCED ST EAST	0300	5TH ST SOUTH	1ST ST SOUTH	1,612	52	83,824	C	2	AC	12/3/2018	82
PALMCT	PALM CT	0100	FRESNO ST WEST	NORTH CDS	820	37	30,340	R	2	AC	12/3/2018	82
SIMONIAN	SIMONIAN AVE	0100	RANDY AVE	RYAN AVE	361	36	12,996	R	2	AC	12/3/2018	82
SUMNER	SUMNER AVE E	0300	CITY LIMIT WEST	MANGNOLIA AVE	1,020	46	46,920	R	2	AC	12/3/2018	82
SUNNYSIDE	SUNNYSIDE AVE SOUTH	0100	SOUTH END	SOUTH AVE EAST	1,328	36	47,808	R	2	AC	12/17/2018	82
GOBLE	GOBLE AVE	0100	JONNA AVE NORTH	TEMPERANCE AVE	1,131	36	40,716	R	2	AC	12/16/2018	81
MARIPOSA E	MARIPOSA AVE EAST	0200	7TH ST NORTH	5TH ST NORTH	762	52	39,624	A	2	AC	12/3/2018	81
TOULUMNEW	TOULUMNE ST WEST	0100	CDS WEST	10TH ST NORTH	248	21	5,208	R	2	AC	12/17/2018	81
MARC	MARC AVE	0100	BEDROSIAN AVE	HILL AVE	959	36	34,524	R	2	AC	12/3/2018	80
WILLOWCT	WILLOW CT	0100	MAPLE AVE	CDS NORTH	156	36	5,616	R	2	AC	12/17/2018	80
10TH N	TENTH ST NORTH	0100	MERCED ST WEST	TOULUMNE ST WEST	466	52	24,232	R	2	AC	12/16/2018	79
CLARA	CLARA AVE	0100	SANDY AVE	HILL AVE	697	36	25,092	R	2	AC	12/4/2018	79
CLARACT	CLARA CT	0100	WEST CDS	SAND AVE	340	36	12,240	R	2	AC	12/4/2018	79
FOWLER S	FOWLER AVE SOUTH	0200	FRESNO ST WEST	MERCED ST WEST	957	40	38,280	R	2	AC	12/16/2018	79
CITRUS	CITRUS AVE	0200	SOUTH AVE	FRESNO AVE	711	36	25,596	R	2	AC	12/4/2018	78
BIRCHCT	BIRCH CT	0100	MAPLE AVE	NORTH CDS	162	36	5,832	R	2	AC	12/4/2018	77
PALM	PALM AVE	0200	ASPEN AVE	EAST CDS	410	37	15,170	R	2	AC	12/3/2018	77
STANDFORDS	STANDFORD AVE SOUTH	0200	SOUTH END	MAPLE AVE	160	37	5,920	R	2	AC	12/17/2018	77
6TH N	SIXTH ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	436	53	23,108	R	2	AC	12/3/2018	76
DUKE	DUKE CT E	0100	MADISON AVE SOUTH	EAST CDS	414	37	15,318	R	2	AC	12/3/2018	76
PALM	PALM AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	503	36	18,108	R	2	AC	12/3/2018	76
6TH	SIXTH ST SOUTH	0300	MAIN ST EAST	MERCED ST EAST	444	53	23,532	R	2	AC	12/16/2018	75
ADAMS E	ADAMS AVE EAST	0900	TEMPERANCE AVE S	CITY LIMIT EAST	1,320	40	52,800	C	2	AC	12/13/2018	75
FRESNO W	FRESNO ST WEST	0100	STANFORD AV SOUTH	FOWLER AV SOUTH	1,567	54	84,618	A	2	AC	12/16/2018	75

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
RANDY	RANDY AVE	0100	SIMONIAN AVE	HILL AVE	628	36	22,608	R	2	AC	12/3/2018	75
8TH S	EIGHTH ST SOUTH	0100	SOUTH ST EAST	1,420' N/O SOUTH ST EAST	1,420	31	44,020	C	2	AC	12/16/2018	74
FRESNO E	FRESNO ST EAST	0200	4TH ST SOUTH	2ND ST SOUTH	765	52	39,780	R	2	AC	12/16/2018	74
ASPEN	ASPEN AVE	0200	SEQUIA CT	PALM AVE	651	37	24,087	R	2	AC	12/4/2018	72
SPRUCE	SPRUCE AVE	0100	MAPLE AVE	PALM	955	36	34,380	R	2	AC	12/17/2018	72
6TH N	SIXTH ST NORTH	0500	BONITA AVE	NORTH END	660	36	23,760	R	2	AC	12/3/2018	71
MADISON	MADISON AVE SOUTH	0100	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	590	37	21,830	R	2	AC	12/17/2018	71
MAPLE	MAPLE AVE	0300	STANFORD AVE SOUTH	PALM CT	803	37	29,711	R	2	AC	12/3/2018	71
TOULUMNEW	TOULUMNE ST WEST	0200	10TH ST NORTH	8TH ST NORTH	764	48	36,672	R	2	AC	12/17/2018	71
BONITACDS	BONITA CDS WEST	0100	CDS SOUTH	BONITA AVE EAST	160	36	5,760	R	2	AC	12/16/2018	70
GOLDEN NB	GOLDEN STATE BLVD	1300	ADAMS AVE EAST	460' N/O ADAMS EAST	460	38	17,480	A	2	AC	12/17/2018	70
GROVE	GROVE ST NORTH	0100	ADAMS AVE EAST	LA CROSSE AVE EAST	315	24	7,560	R	2	AC	12/17/2018	70
LACROSSE E	LA CROSSE AVE EAST	0100	GROVE AVE NORTH	6TH ST NORTH	335	36	12,060	R	2	AC	12/17/2018	70
LEWISCT	LEWIS CT EAST	0100	WEST CDS	OLIVIA AVE SOUTH	486	37	17,982	R	2	AC	12/3/2018	70
MODESTO E	MODESTO ST EAST	0100	7TH ST NORTH	5TH ST NORTH	770	52	40,040	R	2	AC	12/3/2018	70
OAKCT	OAK CT	0100	ASPEN AVE	EAST CDS	392	37	14,504	R	2	AC	12/3/2018	70
SOUTH E	SOUTH AVE EAST	0300	FOWLER AVE SOUTH	BURGAN AVE SOUTH	1,322	14	18,508	R	2	AC	12/3/2018	70
OAK	OAK AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	487	36	17,532	R	2	AC	12/3/2018	69
SANANTONIO	SAN ANTONIO DR	0100	VINEYARD PL	GOLDEN STATE BLVE	1,113	41	45,633	R	2	AC	12/17/2018	69
SEQUOIA	SEQUOIA AVE	0100	SUNNYSIDE AVE SOUTH	SPRUCE AVE	483	36	17,388	R	2	AC	12/17/2018	69
TEMPERANCE	TEMPERANCE AVE SOUTH	0200	VALLEY DR	PARLIER AVE EAST	1,411	42	59,262	R	2	AC	12/17/2018	69
GOLDEN SB	GOLDEN STATE BLVD	0200	460' N/O ADAMS AVE EAST	ADAMS AVE EAST	460	40	18,400	A	2	AC	12/17/2018	68
HARRIS S	HARRIS AVE SOUTH	0300	MOTT AVE EAST	HARRIS CT	1,214	52	63,128	C	2	AC	12/17/2018	68
WALNUT	WALNUT DR	0100	SOUTH AVE EAST	WALNUT DR	733	36	26,388	R	2	AC	12/17/2018	68
KATHERINE	KATHERINE AVE EAST	0100	MADISON AVE SOUTH	OLIVIA AVE SOUTH	984	37	36,408	R	2	AC	12/3/2018	66
OLIVIA S	OLIVIA AVE SOUTH	0100	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	516	37	19,092	R	2	AC	12/17/2018	66
VIOLET	VIOLET AVE	0100	LAKER LN	SALLY ST	407	36	14,652	R	2	AC	12/17/2018	66
BOUSIAN	BOUSIAN AVE	0100	CLARA AVE	SOUTH AVE	162	37	5,994	R	2	AC	12/4/2018	65
LAKER	LAKER LN	0100	RUBY AVE	SUMNER AVE	520	36	18,720	R	2	AC	12/17/2018	65
RUBY	RUBY AVE	0100	LAKER LN	SALLY ST	440	36	15,840	R	2	AC	12/17/2018	65
CARTER	CARTER AVE	0100	CDS	6TH ST NORTH	1,227	36	44,172	R	2	AC	12/16/2018	64
WALTER E	WALTER AVE EAST	0200	TEMPERANCE AVE SOUTH	CITY LIMT EAST	1,320	34	44,880	R	2	AC	12/3/2018	64
SOUTH E	SOUTH AVE EAST	0400	WEST CDS	GOLDEN STATE BLVD	899	40	35,960	R	2	AC	12/3/2018	63
BONITA	BONITA WY	0100	7TH ST NORTH	BONITA AVE	157	36	5,652	R	2	AC	12/16/2018	62
DUSTIN	DUSTIN WY	0100	LAKER LN	CHRISTOPHOR CT	381	36	13,716	R	2	AC	12/16/2018	62
8TH N	EIGHTH ST NORTH	0100	MERCEND ST WEST	TOULEMNE ST WEST	458	46	21,068	C	2	AC	12/16/2018	61
BONITA E	BONITA AVE EAST	0100	CARTER ST	6TH ST	1,273	36	45,828	R	2	AC	12/16/2018	61
BONITACDS	BONITA CDS EAST	0200	SOUTH CDS	BONITA AVE EAST	178	32	5,696	R	2	AC	12/16/2018	61
SEQUOIACT	SEQUOIA CT	0100	ASPEN AVE	CDS EAST	396	37	14,652	R	2	AC	12/17/2018	60
STANLEYC	STANLEY CT	0100	CDS SOUTH	WALNUT DR SOUTH	146	36	5,256	R	2	AC	12/17/2018	60
SUMNER	SUMNER AVE E	0200	LAKER LN	EAST END	530	36	19,080	R	2	AC	12/17/2018	60
TEMPERANCE	TEMPERANCE AVE SOUTH	0500	CITY LIMIT @ WALTER AVE	ADAMS AVE EAST	1,354	52	70,408	R	2	AC	12/17/2018	60
SIMONEC	SIMONE CT	0100	S WALNUT DR	N CDS	190	36	6,840	R	2	AC	12/3/2018	59

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
4TH N	FOURTH ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	440	52	22,880	R	2	AC	12/3/2018	58
ADAMS E	ADAMS AVE EAST	0600	VISTA AVE	MAIN ST E	360	48	17,280	C	2	AC	12/13/2018	58
HARRIS	HARRIS CT	0100	5TH ST SOUTH	END CDS	288	36	10,368	R	2	AC	12/17/2018	58
JAMESON	JAMESON DR	0100	LAKER LN	CHRISTOPHER CT	417	36	15,012	R	2	AC	12/17/2018	58
MAGNOLIA	MAGNOLIA AVE	0100	PALM CT	SUMNER AVE EAST	166	37	6,142	R	2	AC	12/3/2018	58
8TH N	EIGHTH ST NORTH	0400	ADAMS AVE EAST	END NORTH	1,248	34	42,432	C	2	AC	12/16/2018	57
9TH S	NINTH ST SOUTH	0100	FRESNO ST WEST	MERCED ST WEST	920	52	47,840	R	2	AC	12/16/2018	57
CHRISTOPH	CHRISTOPHER CT	0100	SUMNER AVE EAST	JAMESON DR	521	36	18,756	R	2	AC	12/16/2018	57
LAKER	LAKER LN	0200	SUMNER AVE EAST	NORTH END	650	36	23,400	R	2	AC	12/17/2018	57
STANDFORDS	STANDFORD AVE SOUTH	0100	SOUTH AVE EAST	FRESNO ST WEST	498	29	14,442	R	2	AC	12/17/2018	57
STOCKTON E	STOCKTON ST EAST	0100	7TH ST NORTH	6TH ST NORTH	353	53	18,709	R	2	AC	12/3/2018	57
HARRIS S	HARRIS AVE SOUTH	0200	919' N/O SOUTH AVE EAST	MOTT AVE EAST	842	36	30,312	C	2	AC	12/17/2018	56
VINEYARD	VINEYARD PL	0100	MANNING AVE EAST	SAN ANTONIO AVE	1,032	40	41,280	R	2	AC	12/17/2018	56
ADAMS E	ADAMS AVE EAST	0700	MAIN ST E	DEE ANN AVE	1,302	58	75,516	C	2	AC	12/13/2018	55
6TH	SIXTH ST SOUTH	0200	VINE ST EAST	MAIN ST EAST	923	53	48,919	R	2	AC	12/16/2018	54
SALLY	SALLY ST	0100	RUBY AVE	VIOLET AVE	276	36	9,936	R	2	AC	12/17/2018	54
MARIPOSA	MARIPOSA AVE WEST	0100	CDS WEST	10TH ST NORTH	304	32	9,728	R	2	AC	12/17/2018	53
2ND N	SECOND ST NORTH	0100	MERCED ST EAST	TOULUMNE ST EAST	432	53	22,896	R	2	AC	12/3/2018	52
5TH	FIFTH ST SOUTH	0300	MAIN ST EAST	MERCED ST EAST	459	53	24,327	C	2	AC	12/16/2018	52
2ND N	SECOND ST NORTH	0200	ADAMS AVE EAST	NORTH END	660	40	26,400	R	2	AC	12/3/2018	51
3RD N	THIRD ST NORTH	0200	LA CROSSE AVE EAST	NORTH END	346	38	13,148	R	2	AC	12/3/2018	51
7TH N	SEVENTH ST NORTH	0300	ADAMS AVE EAST	BONITA WY	721	44	31,724	R	2	AC	12/3/2018	51
MANNING E	MANNING AVE EAST	0200	I-99 SB ONRAMP	VINEYARD PL	690	72	49,680	A	4	AC	12/17/2018	51
PARLIER E	PARLIER AVE EAST	0200	TEMPERANCE AVE SOUTH	CITY LIMIT EAST	1,268	22	27,896	R	2	AC	12/3/2018	51
MAIN W	MAIN ST WEST	0100	10TH ST WEST	8TH ST WEST	750	52	39,000	A	2	AC	12/17/2018	50
MERCED W	MERCED ST WEST	0100	I-99 OFF RAMP SB	I-99 OFF RAMP NB	380	60	22,800	A	2	AC	12/17/2018	50
4TH N	FOURTH ST NORTH	0300	ADAMS AVE EAST	LA CROSSE AVE EAST	236	36	8,496	R	2	AC	12/3/2018	49
3RD N	THIRD ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	837	52	43,524	R	2	AC	12/3/2018	48
5TH N	FIFTH ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	1,552	53	82,256	R	2	AC	12/3/2018	48
SOUTH E	SOUTH AVE EAST	0200	STANFORD AVE SOUTH	FOWLER AVE SOUTH	1,305	32	41,760	C	2	AC	12/3/2018	48
ADAMS E	ADAMS AVE EAST	0100	WEST CITY LIMITS	GOLDEN STATE BLVD	1,060	40	42,400	C	2	AC	12/4/2018	47
SUMNER N	SUMNER AVE N	0100	FOWLER AVE SOUTH	SUMNER AVE EAST	720	50	36,000	R	3	AC	12/3/2018	47
4TH N	FOURTH ST NORTH	0500	WEST END	END	528	40	21,120	R	2	AC	12/3/2018	46
9TH N	NINTH ST NORTH	0100	MERCED ST WEST	TOULUMNE ST WEST	433	52	22,516	R	2	AC	12/16/2018	46
GOLDEN SB	GOLDEN STATE BLVD	0500	MERCED ST	VINE ST	1,488	37	55,056	A	2	AC	12/17/2018	46
LACROSSEE	LA CROSSE AVE EAST	0200	6TH T NORTH	FOWLER AVE NORTH	302	36	10,872	R	2	AC	12/17/2018	46
MARIPOSA E	MARIPOSA AVE EAST	0100	GOLDEN STATE BLVD	7TH ST NORTH	322	50	16,100	A	2	AC	12/3/2018	46
MARIPOSA E	MARIPOSA AVE EAST	0300	4TH ST	ADAMS AVE EAST	279	52	14,508	A	2	AC	1/7/2019	46
TULARE	TULARE ST EAST	0100	7TH ST SOUTH	5TH ST SOUTH	742	52	38,584	R	2	AC	12/17/2018	46
ADAMS E	ADAMS AVE EAST	0800	DEE ANN AVE	TEMPERANCE AVE S	638	47	29,986	C	2	AC	12/13/2018	45
PEACH	PEACH ST WEST	0100	WEST END	8TH ST SOUTH	856	24	20,544	R	2	AC	12/17/2018	45
WALTER E	WALTER AVE EAST	0100	FRESNO ST EAST	CITY LIMIT	1,305	37	48,285	R	2	AC	12/3/2018	45
3RD S	THIRD ST SOUTH	0200	MAIN ST EAST	MERCED ST EAST	442	52	22,984	R	2	AC	12/3/2018	44

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
6TH N	SIXTH ST NORTH	0200	TOULUMNE ST EAST	ADAMS AVE EAST	1,430	53	75,790	R	2	AC	12/3/2018	43
TOULUMNEE	TOULUMNE ST EAST	0200	5TH ST NORTH	4TH ST NORTH	365	53	19,345	R	2	AC	12/3/2018	43
7TH	SEVENTH ST SOUTH	0100	PEACH ST EAST	TULMNE ST EAST	499	53	26,447	R	2	AC	12/16/2018	42
CURTIS	CURTIS AVE	0200	WEST END	EAST END	635	36	22,860	R	2	AC	12/4/2018	42
SOUTH	SOUTH AVE EAST	0500	GOLDEN STATE BLVD	HARRIS AVE SOUTH	1,493	24	35,832	C	2	AC	12/3/2018	42
1ST N	FIRST ST NORTH	0100	MERCED ST EAST	ADAMS AVE EAST	132	37	4,884	R	2	AC	12/3/2018	41
2ND S	SECOND ST SOUTH	0100	FRESNO ST EAST	MERCED ST EAST	950	52	49,400	R	2	AC	12/3/2018	41
7TH	SEVENTH ST SOUTH	0400	FRESNO ST EAST	MERCED ST EAST	948	53	50,244	R	2	AC	12/16/2018	41
4TH	FOURTH ST SOUTH	0200	MAIN ST EAST	MERCED ST EAST	444	53	23,532	R	2	AC	12/16/2018	40
LACROSSEE	LA CROSSE AVE EAST	0300	4TH ST NORTH	2ND ST NORTH	1,066	36	38,376	R	2	AC	12/17/2018	40
6TH	SIXTH ST SOUTH	0100	PEACH ST EAST	VINE ST EAST	949	53	50,297	R	2	AC	12/16/2018	38
ASPEN	ASPEN AVE	0100	MAPLE AVE	SEQUOIA CT	316	37	11,692	R	2	AC	12/16/2018	38
GOLDEN SB	GOLDEN STATE BLVD	0800	SOUTH ST WEST	WIDTH CHANGE	1,575	37	58,275	A	2	AC	12/17/2018	38
VISTA	VISTA AVE	0100	MAIN ST EAST	ADAMS AVE EAST	288	36	10,368	R	3	AC	12/17/2018	38
GOLDEN NB	GOLDEN STATE BLVD	1000	VINE ST	MERCED ST	1,488	38	56,544	A	2	AC	12/17/2018	36
GOLDEN SB	GOLDEN STATE BLVD	1400	SAN ANTONIO DR	CITY LIMIT SOUTH	1,265	30	37,950	A	2	AC	12/17/2018	36
TEMPERANCE	TEMPERANCE AVE SOUTH	0400	GOLDEN STATE BLVD	CITY LIMIT	1,609	22	35,398	R	2	AC	12/17/2018	36
8TH S	EIGHTH ST SOUTH	0300	PEACH ST WEST	VINE ST WEST	989	45	44,505	C	2	AC	12/16/2018	35
4TH N	FOURTH ST NORTH	0400	EL CROSSE AVE EAST	CURTIS AVE EAST	686	36	24,696	R	2	AC	12/3/2018	34
MAPLE	MAPLE AVE	0200	ASPEN AVE	STANFORD AVE SOUTH	497	37	18,389	R	2	AC	12/3/2018	34
10TH N	TENTH ST NORTH	0200	TOULUMNE ST WEST	NORTH CDS	1,072	26	27,872	R	2	AC	12/16/2018	33
WALNUT	WALNUT DR	0200	WALNUT DR	FRESNO ST	610	36	21,960	R	2	AC	12/17/2018	33
5TH	FIFTH ST SOUTH	0100	HARRIS CT	TULMNE ST EAST	640	53	33,920	C	2	AC	12/16/2018	32
8TH S	EIGHTH ST SOUTH	0400	VINE ST WEST	MERCED ST WEST	1,488	48	71,424	C	2	AC	12/16/2018	31
7TH	SEVENTH ST SOUTH	0200	TULMNE ST EAST	VINE ST EAST	470	53	24,910	R	2	AC	12/16/2018	30
7TH	SEVENTH ST SOUTH	0300	VINE ST EAST	FRESNO ST EAST	473	53	25,069	R	2	AC	12/16/2018	30
GOLDEN SB	GOLDEN STATE BLVD	1100	RPM DR	VALLEY DR	1,220	30	36,600	A	2	AC	12/17/2018	30
STERNS	STEARNS AVE	0100	SOUTH END	ADAMS AVE EAST	750	32	24,000	R	2	AC	12/17/2018	30
7TH N	SEVENTH ST NORTH	0200	MODESTO ST EAST	ADAMS AVE EAST	830	53	43,990	R	2	AC	12/3/2018	29
ADAMS E	ADAMS AVE EAST	0400	3RD ST NORTH	ARMSTRONG AVE SOUTH	1,315	37	48,655	C	2	AC	12/3/2018	29
GOLDEN SB	GOLDEN STATE BLVD	1300	MANNING AVE EAST	SAN ANTONIO DR	810	34	27,540	A	2	AC	12/17/2018	29
SUMNER	SUMNER AVE E	0100	5TH ST SOUTH	LAKER LN	810	36	29,160	R	2	AC	12/17/2018	29
7TH N	SEVENTH ST NORTH	0100	MERCED ST EAST	MODESTO ST EAST	1,417	53	75,101	R	2	AC	12/3/2018	28
GOLDEN SB	GOLDEN STATE BLVD	0600	VINE ST	PEACH ST	989	36	35,604	A	2	AC	12/17/2018	28
HARRIS S	HARRIS AVE SOUTH	0100	SOUTH AVE EAST	919' N/O SOUTH EAST AVE	919	24	22,056	C	2	AC	12/17/2018	28
10TH S	TENTH ST SOUTH	0200	669' N/O FRESNO ST WEST	MERCED ST WEST	268	52	13,936	R	2	AC	12/3/2018	27
GOLDEN SB	GOLDEN STATE BLVD	1200	VALLEY DR	MANNING AVE EAST	1,620	40	64,800	A	2	AC	12/17/2018	27
GOLDEN SB	GOLDEN STATE BLVD	0700	PEACH ST	SOUTH ST EAST	1,909	36	68,724	A	2	AC	12/17/2018	26
FRESNO E	FRESNO ST EAST	0100	7TH ST	4TH ST	1,170	52	60,840	R	2	AC	12/16/2018	24
GOLDEN SB	GOLDEN STATE BLVD	0900	WIDTH CHANGE	TEMPERANCE DR SOUTH	1,490	30	44,700	A	2	AC	12/17/2018	24
MAIN E	MAIN ST EAST	0200	5TH ST SOUTH	2ND ST SOUTH	1,190	53	63,070	R	2	AC	12/3/2018	24
8TH S	EIGHTH ST SOUTH	0200	1,420' SOUTH ST EAST	PEACH ST WEST	489	31	15,159	C	2	AC	12/16/2018	23
GOLDEN SB	GOLDEN STATE BLVD	1000	TEMPERANCE DR SOUTH	RPM DR	1,228	30	36,840	A	2	AC	12/17/2018	23

Street ID	Street Name	Section ID	Beg Location	End Location	Length (ft)	Width (ft)	Area (sf)	FC	# of Lanes	Surface Type	PCI Date	PCI
TOULUMNE E	TOULUMNE ST EAST	0300	4TH ST NORTH	ADAMS AVE EAST	815	53	43,195	R	2	AC	12/3/2018	21
6TH N	SIXTH ST NORTH	0300	ADAMS AVE EAST	BONITA AVE	665	36	23,940	R	2	AC	12/3/2018	20
8TH N	EIGHTH ST NORTH	0200	TOULEMNE ST WEST	MARIPOSA ST WEST	489	48	23,472	C	2	AC	12/16/2018	19
ADAMS E	ADAMS AVE EAST	0500	ARMSTONG AVE SOUTH	VISTA AVE SOUTH	310	48	14,880	C	2	AC	12/3/2018	19
GOLDEN SB	GOLDEN STATE BLVD	0100	CITY LIMIT SOUTH	460' N/O ADAMS AVE EAST	1,375	36	49,500	A	2	AC	12/17/2018	19
TEMPERANCE	TEMPERANCE AVE SOUTH	0100	MANNING AVE EAST	620' N/O MANNING AVE EAST	620	22	13,640	R	2	AC	12/17/2018	19
FOWLER N	FOWLER AVE NORTH	0100	ADAMS AVE EAST	NORTH CITY LIMIT	1,333	26	34,658	C	2	AC	12/16/2018	18
GOLDEN NB	GOLDEN STATE BLVD	0600	TEMPERANCE DR	GEE ST	916	30	27,480	A	2	AC	12/17/2018	18
1ST S	FIRST ST SOUTH	0100	MAIN ST EAST	MERCED ST EAST	440	37	16,280	R	2	AC	12/3/2018	17
4TH	FOURTH ST SOUTH	0100	VINE ST EAST	MAIN ST EAST	1,364	53	72,292	R	2	AC	12/16/2018	17
8TH N	EIGHTH ST NORTH	0300	MARIPOSA ST WEST	ADAMS AVE EAST	1,730	34	58,820	C	2	AC	12/16/2018	15
GOLDEN NB	GOLDEN STATE BLVD	1200	MAQRIPOSA ST	ADAMS AVE EAST	1,730	37	64,010	A	2	AC	12/17/2018	15
GOLDEN SB	GOLDEN STATE BLVD	0300	ADAMS AVE EAST	MARIPOSA ST	1,730	36	62,280	A	2	AC	12/17/2018	15
MAIN E	MAIN ST EAST	0300	2ND ST SOUTH	ADAMS AVE EAST	1,121	53	59,413	R	2	AC	12/3/2018	15
ADAMS E	ADAMS AVE EAST	0300	FOWLER AVE NORTH	3RD ST NORTH	1,334	37	49,358	C	2	AC	12/4/2018	14
MAIN E	MAIN ST EAST	0100	7TH ST SOUTH	5TH ST SOUTH	764	53	40,492	R	2	AC	12/3/2018	14
GOLDEN NB	GOLDEN STATE BLVD	0300	MANNING AVE EAST	VALLEY DR	1,620	36	58,320	A	2	AC	12/17/2018	12
5TH	FIFTH ST SOUTH	0200	TULMNE ST EAST	MAIN ST EAST	1,470	53	77,910	C	2	AC	12/16/2018	11
GOLDEN NB	GOLDEN STATE BLVD	1100	MERCED ST	MARIPOSA ST	947	40	37,880	A	2	AC	12/17/2018	11
TOULUMNEE	TOULUMNE ST EAST	0100	7TH ST NORTH	5TH ST NORTH	766	53	40,598	R	2	AC	12/3/2018	11
GOLDEN SB	GOLDEN STATE BLVD	0400	MARIPOSA ST	MERCED ST	947	40	37,880	A	2	AC	12/17/2018	10
GOLDEN NB	GOLDEN STATE BLVD	0100	CITY LIMT SOUTH	SAN ANTONIO DR	1,265	30	37,950	A	2	AC	12/17/2018	9
GOLDEN NB	GOLDEN STATE BLVD	0400	VALLEY DR	RPM DR	1,220	36	43,920	A	2	AC	12/17/2018	8
GOLDEN NB	GOLDEN STATE BLVD	0800	SOUTH ST EAST	PEACH ST	1,909	37	70,633	A	2	AC	12/17/2018	8
ADAMS E	ADAMS AVE EAST	0200	GOLDEN STATE BLVD	FOWLER AVE NORTH	1,276	37	47,212	C	2	AC	12/4/2018	7
ARMSTRONGN	ARMSTONG AVE NORTH	0100	ADAMS AVE EAST	785' N/O ADAMS AVE EAST	785	37	29,045	C	2	AC	12/3/2018	7
GOLDEN NB	GOLDEN STATE BLVD	0200	SAN ANTONIO DR	MANNING AVE EAST	810	40	32,400	A	2	AC	12/17/2018	6
MANNING E	MANNING AVE EAST	0100	TEMPERANCE AVE SOUTH	I-99 SB ONRAMP	386	40	15,440	A	2	AC	12/17/2018	6
VINE E	VINE ST EAST	0200	5TH ST SOUTH	4TH ST SOUTH	414	53	21,942	R	2	AC	12/3/2018	6
GOLDEN NB	GOLDEN STATE BLVD	1400	460' N/O ADAMS AVE EAST	CITY LIMIT NORTH	1,375	36	49,500	A	2	AC	12/17/2018	5
GOLDEN NB	GOLDEN STATE BLVD	0500	RPM DR	TEMPERANCE DR	1,228	36	44,208	A	2	AC	12/17/2018	4
GOLDEN NB	GOLDEN STATE BLVD	0700	GEE ST	SOUTH ST EAST	2,148	36	77,328	A	2	AC	12/17/2018	4
BONITA W	BONITA AVE WEST	0100	WEST END	8TH ST WEST	590	20	11,800	R	2	AC	12/16/2018	3
VINE E	VINE ST EAST	0100	GOLDEN STATE BLVD	5TH ST SOUTH	1,138	53	60,314	C	2	AC	12/3/2018	2
PARLIER E	PARLIER AVE EAST	0100	WEST END	TEMERANCE AVE SOUTH	1,037	15	15,555	R	2	AC	12/3/2018	0
PEACH E	PEACH AVE EAST	0100	7TH ST SOUTH	6TH ST SOUTH	422	53	22,366	C	2	AC	12/3/2018	0

Appendix C

Maintenance and Rehabilitation (M&R) Decision Tree

Maintenance and Rehabilitation Decision Tree

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

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

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

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

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

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

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

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

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

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

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

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



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$5.00		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.75			3
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$16.75			
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$29.50			
	AC/AC	IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$38.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$63.50			
		I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$5.00		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.75			3
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$16.75			
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$29.50			
		IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$38.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$63.50			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			

Functional Class and Surface combination not used



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

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

Functional Class and Surface combination not used



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.75		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.50			3
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$16.50			
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$29.00			
		IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$37.50			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$63.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.75		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.50			3
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	\$16.50			
		III - Good, Load Related		2" MILL AND HMA OVERLAY+BASE REPAIRS	\$29.00			
	AC/PCC	IV - Poor		2.5" MILL AND HMA OVERLAY+BASE REPAIRS	\$37.50			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$63.00			
		I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			

Functional Class and Surface combination not used



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

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

Functional Class and Surface combination not used



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.50		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.50			3
		II - Good, Non-Load Related		SLURRY SEAL+CRACK SEAL	\$4.50			
		III - Good, Load Related		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$9.00			
	AC/AC	IV - Poor		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$11.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$47.00			
		I - Very Good	Crack Treatment	SEAL CRACKS	\$1.00	3		
			Surface Treatment	SLURRY SEAL+CRACK SEAL	\$4.50		7	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	\$16.50			3
		II - Good, Non-Load Related		SLURRY SEAL+CRACK SEAL	\$4.50			
		III - Good, Load Related		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$9.00			
		IV - Poor		SLURRY SEAL+CRACK SEAL+BASE REPAIRS	\$11.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$47.00			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3		
			Surface Treatment	DO NOTHING	\$0.00		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		DO NOTHING	\$0.00			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		DO NOTHING	\$0.00			
		V - Very Poor		DO NOTHING	\$0.00			

Functional Class and Surface combination not used



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Decision Tree

Printed: 05/08/2019

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

Functional Class and Surface combination not used

Appendix D

Budget Needs

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

Budget Needs Reports

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

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

As indicated in the report, with a budget of \$28.7 million over the next ten years the PCI of the street network will improve from the current level of 53 to 84 by fiscal year (FY) 2028/29. If no treatments are programmed, the weighted average PCI is projected to deteriorate to 31 by FY 2028/29.

Budget Needs reports included in this volume are listed below:

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

Needs - Projected PCI /Cost Summary

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

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



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 05/08/2019

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2019	86	51	\$445,572	\$18,707,765	\$19,153,337
2020	84	48	\$64,420	\$1,320,339	\$1,384,759
2021	85	46	\$148,974	\$1,172,983	\$1,321,957
2022	83	43	\$106,974	\$173,290	\$280,264
2023	83	41	\$589,066	\$49,663	\$638,729
2024	83	39	\$631,840	\$0	\$631,840
2025	82	37	\$574,959	\$52,444	\$627,403
2026	85	35	\$3,112,618	\$0	\$3,112,618
2027	85	33	\$851,805	\$0	\$851,805
2028	84	31	\$725,115	\$0	\$725,115

% PM	PM Total Cost	Rehab Total Cost	Total Cost
25.24%	\$7,251,343	\$21,476,484	\$28,727,827

Needs - Rehabilitation Treatment/Cost Summary

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

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



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/08/2019

Treatment	Year	Area Treated		Cost
1.5" MILL AND HMA OVERLAY	2019	27,748.44	sq.yd.	\$457,850
	2020	4,891.11	sq.yd.	\$83,125
	2021	15,268.67	sq.yd.	\$269,771
	Total	47,908.22	sq.yd.	\$810,746
2" MILL AND HMA OVERLAY+BASE REPAIRS	2019	3,986.67	sq.yd.	\$117,608
	Total	3,986.67	sq.yd.	\$117,608
2.5" MILL AND HMA OVERLAY+BASE REPAIRS	2019	91,385.11	sq.yd.	\$3,451,929
	Total	91,385.11	sq.yd.	\$3,451,929
SLURRY SEAL+CRACK SEAL	2019	72,578	sq.yd.	\$326,602
	2020	122,560.67	sq.yd.	\$568,082
	2021	98,496	sq.yd.	\$470,236
	2022	16,486.67	sq.yd.	\$81,072
	2023	5,435.44	sq.yd.	\$27,530
	Total	315,556.78	sq.yd.	\$1,473,522
SLURRY SEAL+CRACK SEAL+BASE REPAIRS	2019	187,125.22	sq.yd.	\$2,053,736
	2020	71,452.67	sq.yd.	\$669,132
	2021	45,345.89	sq.yd.	\$432,976
	2022	9,376.67	sq.yd.	\$92,218
	2023	2,184.89	sq.yd.	\$22,133
	2025	4,880	sq.yd.	\$52,444
	Total	320,365.33	sq.yd.	\$3,322,639
RECONSTRUCT STRUCTURE (AC)	2019	208,448.44	sq.yd.	\$12,300,040
	Total	208,448.44	sq.yd.	\$12,300,040

Total Cost \$21,476,484

Needs - Preventive Maintenance Treatment/Cost Summary

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

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



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 05/08/2019

Treatment	Year	Area Treated	Cost
1.5" MILL AND HMA OVERLAY	2023	27,076.22 sq.yd.	\$502,834
	2024	14,257.22 sq.yd.	\$272,715
	2025	26,532.56 sq.yd.	\$522,743
	2026	18,602.89 sq.yd.	\$377,509
	2027	21,991.22 sq.yd.	\$459,657
	2028	14,919.56 sq.yd.	\$321,202
	Total	123,379.67	\$2,456,660
SEAL CRACKS	2022	3,959.16 ft.	\$4,350
	2023	6,070.74 ft.	\$6,874
	2024	2,393.15 ft.	\$2,786
	2025	5,657.05 ft.	\$6,785
	2026	2,633.51 ft.	\$3,252
	2027	1,246.07 ft.	\$1,586
	2028	2,172.85 ft.	\$2,849
	Total	24,132.53	\$28,482
SLURRY SEAL+CRACK SEAL	2019	97,225.78 sq.yd.	\$445,572
	2020	13,226.67 sq.yd.	\$64,420
	2021	30,586.67 sq.yd.	\$148,974
	2022	20,869.33 sq.yd.	\$102,624
	2023	14,958.89 sq.yd.	\$79,358
	2024	67,934.11 sq.yd.	\$356,339
	2025	8,010 sq.yd.	\$45,431
	2026	467,757.78 sq.yd.	\$2,731,857
	2027	67,568.44 sq.yd.	\$390,562
	2028	66,317.56 sq.yd.	\$401,064
	Total	854,455.22	\$4,766,201
Total Quantity		1,001,967.42	\$7,251,343

Appendix E

Scenario Summary Reports

- I. Cost Summary**
- II. Network Condition Summary**



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: City's Budget

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2019	\$100,000	\$250,000	II	\$148,421	Non-Project	\$101,500	\$0	\$18,903,384	Funded	\$0
			III	\$0					Unmet	\$226,306
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$148,421						
			Project	\$0						
2020	\$100,000	\$250,000	II	\$145,195	Non-Project	\$102,931	\$0	\$21,016,911	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$145,195						
			Project	\$0						
2021	\$100,000	\$250,000	II	\$145,872	Non-Project	\$103,567	\$0	\$22,568,950	Funded	\$0
			III	\$0					Unmet	\$1,297
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$145,872						
			Project	\$0						
2022	\$100,000	\$250,000	II	\$74,673	Non-Project	\$98,372	\$1,628	\$24,186,032	Funded	\$0
			III	\$62,609					Unmet	\$371
			IV	\$12,121	Project	\$0				
			V	\$0						
			Total	\$149,403						
			Project	\$0						
2023	\$100,000	\$250,000	II	\$0	Non-Project	\$98,672	\$1,328	\$25,111,442	Funded	\$0
			III	\$51,056					Unmet	\$0
			IV	\$98,801	Project	\$0				
			V	\$0						
			Total	\$149,857						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2024	\$100,000	\$250,000	II	\$26,451	Non-Project	\$104,106	\$0	\$26,946,293	Funded	\$0
			III	\$34,444					Unmet	\$344,098
			IV	\$0	Project	\$0				
			V	\$84,369						
			Total	\$145,264						
			Project	\$0						
2025	\$100,000	\$250,000	II	\$54,351	Non-Project	\$102,938	\$0	\$28,806,352	Funded	\$0
			III	\$61,544					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$30,455						
			Total	\$146,350						
			Project	\$0						
2026	\$100,000	\$250,000	II	\$15,609	Non-Project	\$104,302	\$0	\$31,578,638	Funded	\$0
			III	\$0					Unmet	\$1,503
			IV	\$126,718	Project	\$0				
			V	\$0						
			Total	\$142,327						
			Project	\$0						
2027	\$100,000	\$250,000	II	\$0	Non-Project	\$101,659	\$0	\$33,262,419	Funded	\$0
			III	\$17,376					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$129,670						
			Total	\$147,046						
			Project	\$0						
2028	\$100,000	\$250,000	II	\$23,925	Non-Project	\$98,853	\$1,147	\$34,884,541	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$14,473	Project	\$0				
			V	\$110,929						
			Total	\$149,327						
			Project	\$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$287,827	\$164,561	\$0	\$216,943
Collector	\$400,357	\$380,740	\$0	\$136,078
Residential/Local	\$780,878	\$471,599	\$0	\$220,554
Grand Total:	\$1,469,062	\$1,016,900	\$0	\$573,575



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: City's Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$250,000	\$100,000	2023	\$250,000	\$100,000	2027	\$250,000	\$100,000
2020	\$250,000	\$100,000	2024	\$250,000	\$100,000	2028	\$250,000	\$100,000
2021	\$250,000	\$100,000	2025	\$250,000	\$100,000			
2022	\$250,000	\$100,000	2026	\$250,000	\$100,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	51	52	1.24	2.47
2020	48	49	1.62	3.58
2021	46	47	1.47	3.20
2022	43	45	2.57	5.15
2023	41	44	2.30	4.60
2024	39	42	2.90	6.40
2025	37	41	3.82	7.63
2026	35	39	2.78	5.56
2027	33	38	2.78	5.82
2028	31	37	3.34	6.67

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	3.1%	6.6%	22.7%	0.0%	32.4%
II / III	0.5%	3.2%	14.3%	0.0%	17.9%
IV	5.7%	4.7%	15.4%	0.0%	25.8%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	3.1%	7.4%	23.5%	0.0%	34.1%
II / III	0.5%	2.4%	13.5%	0.0%	16.3%
IV	5.7%	4.7%	15.4%	0.0%	25.8%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.7%	7.7%	27.3%	0.0%	37.7%

Criteria:

1

MTC StreetSaver

SS1035

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: City's Budget

II / III	1.1%	0.0%	1.4%	0.0%	2.5%
IV	0.0%	0.0%	10.1%	0.0%	10.1%
V	17.3%	12.6%	19.9%	0.0%	49.7%
Total	21.0%	20.3%	58.7%	0.0%	100.0%



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Maintain PCI at 53

Year	PM	Budget	Rehabilitation		Preventative Maintenance		Surplus PM	Deferred	Stop Gap	
2019	\$200,000	\$1,300,000	II	\$316,913	Non-Project	\$200,570	\$0	\$17,854,050	Funded	\$0
			III	\$159,148					Unmet	\$217,043
			IV	\$622,627	Project	\$0				
			V	\$0						
			Total	\$1,098,688						
			Project	\$0						
2020	\$200,000	\$1,300,000	II	\$113,236	Non-Project	\$207,247	\$0	\$18,885,185	Funded	\$0
			III	\$154,791					Unmet	\$0
			IV	\$823,767	Project	\$0				
			V	\$0						
			Total	\$1,091,794						
			Project	\$0						
2021	\$186,000	\$1,300,000	II	\$360,186	Non-Project	\$186,158	\$0	\$19,385,260	Funded	\$0
			III	\$73,433					Unmet	\$0
			IV	\$436,949	Project	\$0				
			V	\$242,522						
			Total	\$1,113,090						
			Project	\$0						
2022	\$177,000	\$1,300,000	II	\$26,889	Non-Project	\$163,156	\$13,844	\$19,965,129	Funded	\$0
			III	\$67,824					Unmet	\$0
			IV	\$95,924	Project	\$0				
			V	\$928,600						
			Total	\$1,119,237						
			Project	\$0						
2023	\$82,000	\$1,300,000	II	\$0	Non-Project	\$82,095	\$0	\$19,770,051	Funded	\$0
			III	\$62,138					Unmet	\$0
			IV	\$15,235	Project	\$0				
			V	\$1,136,753						
			Total	\$1,214,126						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2024	\$200,000	\$1,300,000	II	\$6,010	Non-Project	\$203,425	\$0	\$20,251,685	Funded	\$0
			III	\$11,519					Unmet	\$280,788
			IV	\$49,780	Project	\$0				
			V	\$1,026,693						
			Total	\$1,094,002						
Project	\$0									
2025	\$200,000	\$1,300,000	II	\$8,748	Non-Project	\$211,908	\$0	\$20,411,669	Funded	\$0
			III	\$21,778					Unmet	\$0
			IV	\$8,880	Project	\$0				
			V	\$1,042,541						
			Total	\$1,081,947						
Project	\$0									
2026	\$200,000	\$1,300,000	II	\$6,376	Non-Project	\$202,331	\$0	\$21,333,728	Funded	\$0
			III	\$130,394					Unmet	\$0
			IV	\$37,747	Project	\$0				
			V	\$920,192						
			Total	\$1,094,709						
Project	\$0									
2027	\$200,000	\$1,300,000	II	\$38,185	Non-Project	\$217,366	\$0	\$21,841,245	Funded	\$0
			III	\$26,087					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$1,018,368						
			Total	\$1,082,640						
Project	\$0									
2028	\$200,000	\$1,300,000	II	\$111,619	Non-Project	\$211,659	\$0	\$22,416,884	Funded	\$0
			III	\$74,683					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$901,111						
			Total	\$1,087,413						
Project	\$0									

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$8,050,284	\$411,369	\$0	\$164,525
Collector	\$1,403,139	\$487,795	\$0	\$126,991
Residential/Local	\$1,624,223	\$986,751	\$0	\$206,315
Grand Total:	\$11,077,646	\$1,885,915	\$0	\$497,831



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: Maintain PCI at 53

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$1,300,000	\$200,000	2023	\$1,300,000	\$82,000	2027	\$1,300,000	\$200,000
2020	\$1,300,000	\$200,000	2024	\$1,300,000	\$200,000	2028	\$1,300,000	\$200,000
2021	\$1,300,000	\$186,000	2025	\$1,300,000	\$200,000			
2022	\$1,300,000	\$177,000	2026	\$1,300,000	\$200,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	51	54	5.01	10.01
2020	48	53	3.75	8.10
2021	46	52	4.11	8.47
2022	43	52	6.04	12.07
2023	41	52	5.05	10.11
2024	39	52	6.09	13.05
2025	37	52	8.33	16.66
2026	35	52	6.56	13.12
2027	33	53	5.70	11.91
2028	31	53	7.93	15.87

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	3.1%	6.6%	22.7%	0.0%	32.4%
II / III	0.5%	3.2%	14.3%	0.0%	17.9%
IV	5.7%	4.7%	15.4%	0.0%	25.8%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.4%	7.4%	28.3%	0.0%	41.2%
II / III	0.0%	2.4%	8.7%	0.0%	11.1%
IV	3.8%	4.7%	15.4%	0.0%	23.9%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.6%	10.6%	32.5%	0.0%	59.7%

Criteria:

1

MTC StreetSaver

SS1035

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: Maintain PCI at 53

II / III	0.0%	0.0%	0.2%	0.0%	0.2%
IV	0.0%	0.0%	6.3%	0.0%	6.3%
V	4.4%	9.7%	19.7%	0.0%	33.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2019	\$200,000	\$2,350,000	II	\$316,913	Non-Project	\$206,174	\$0	\$16,804,302	Funded	\$0
			III	\$364,929					Unmet	\$209,010
			IV	\$1,460,992	Project	\$0				
			V	\$0						
			Total	\$2,142,834						
			Project	\$0						
2020	\$200,000	\$2,350,000	II	\$133,604	Non-Project	\$204,564	\$0	\$16,773,367	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$324,090	Project	\$0				
			V	\$1,687,728						
			Total	\$2,145,422						
			Project	\$0						
2021	\$190,000	\$2,350,000	II	\$360,186	Non-Project	\$188,895	\$1,105	\$16,169,163	Funded	\$0
			III	\$14,552					Unmet	\$0
			IV	\$397,945	Project	\$0				
			V	\$1,378,595						
			Total	\$2,151,278						
			Project	\$0						
2022	\$180,000	\$2,350,000	II	\$48,497	Non-Project	\$177,634	\$2,366	\$15,604,087	Funded	\$0
			III	\$67,198					Unmet	\$0
			IV	\$154,815	Project	\$0				
			V	\$1,895,179						
			Total	\$2,165,689						
			Project	\$0						
2023	\$90,000	\$2,350,000	II	\$23,231	Non-Project	\$81,364	\$8,636	\$14,109,726	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$46,320	Project	\$0				
			V	\$2,178,903						
			Total	\$2,248,454						
			Project	\$0						

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred	Stop Gap		
2024	\$200,000	\$2,350,000	II	\$6,010	Non-Project	\$198,209	\$1,791	\$13,248,002	Funded	\$0
			III	\$24,525					Unmet	\$194,571
			IV	\$0	Project	\$0				
			V	\$2,116,362						
			Total	\$2,146,897						
			Project	\$0						
2025	\$200,000	\$2,350,000	II	\$24,646	Non-Project	\$204,405	\$0	\$12,191,898	Funded	\$0
			III	\$52,444					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$2,066,061						
			Total	\$2,143,151						
			Project	\$0						
2026	\$200,000	\$2,350,000	II	\$6,376	Non-Project	\$205,160	\$0	\$11,905,820	Funded	\$0
			III	\$26,017					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$2,109,570						
			Total	\$2,141,963						
			Project	\$0						
2027	\$200,000	\$2,350,000	II	\$28,904	Non-Project	\$210,194	\$0	\$11,137,767	Funded	\$0
			III	\$97,099					Unmet	\$0
			IV	\$18,114	Project	\$0				
			V	\$1,995,210						
			Total	\$2,139,327						
			Project	\$0						
2028	\$200,000	\$2,350,000	II	\$115,377	Non-Project	\$217,808	\$0	\$10,509,107	Funded	\$0
			III	\$67,251					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$1,947,510						
			Total	\$2,130,138						
			Project	\$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$10,224,092	\$630,118	\$0	\$85,673
Collector	\$1,696,487	\$289,124	\$0	\$116,641
Residential/Local	\$9,634,574	\$975,165	\$0	\$201,267
Grand Total:	\$21,555,153	\$1,894,407	\$0	\$403,581



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2019	\$2,350,000	\$200,000	2023	\$2,350,000	\$90,000	2027	\$2,350,000	\$200,000
2020	\$2,350,000	\$200,000	2024	\$2,350,000	\$200,000	2028	\$2,350,000	\$200,000
2021	\$2,350,000	\$190,000	2025	\$2,350,000	\$200,000			
2022	\$2,350,000	\$180,000	2026	\$2,350,000	\$200,000			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2019	51	55	7.08	14.43
2020	48	56	3.92	8.19
2021	46	57	4.60	9.46
2022	43	59	7.86	15.71
2023	41	60	5.84	11.95
2024	39	61	7.56	15.72
2025	37	64	10.69	21.38
2026	35	66	6.92	14.16
2027	33	68	7.46	15.17
2028	31	70	9.90	19.80

Percent Network Area by Functional Class and Condition Category

Condition in base year 2019, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	3.1%	6.6%	22.7%	0.0%	32.4%
II / III	0.5%	3.2%	14.3%	0.0%	17.9%
IV	5.7%	4.7%	15.4%	0.0%	25.8%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2019 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	6.1%	9.2%	31.0%	0.0%	46.2%
II / III	0.0%	2.4%	6.6%	0.0%	8.9%
IV	3.2%	3.0%	14.9%	0.0%	21.0%
V	11.7%	5.8%	6.3%	0.0%	23.8%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Condition in year 2028 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	21.0%	11.6%	48.5%	0.0%	81.1%

Criteria:

1

MTC StreetSaver

SS1035

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 05/08/2019

Scenario: Improve PCI to 70

II / III	0.0%	0.0%	0.1%	0.0%	0.1%
IV	0.0%	0.0%	5.8%	0.0%	5.8%
V	0.0%	8.8%	4.2%	0.0%	13.0%
Total	21.0%	20.3%	58.7%	0.0%	100.0%

Appendix F

Scenario 3: \$2.35m per year (Improve Network PCI to 70)

Sections Selected for Treatment

Based on the recommended annual budget of \$2.35 million (Scenario 3), the "Sections Selected for Treatment" list provides the City with potential candidates for treatment based on each section's functional classification, PCI, treatment history, and available funding.

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



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year	Budget	PM
2019	\$2,350,000	\$200,000
2020	\$2,350,000	\$200,000
2021	\$2,350,000	\$190,000
2022	\$2,350,000	\$180,000

Year	Budget	PM
2023	\$2,350,000	\$90,000
2024	\$2,350,000	\$200,000
2025	\$2,350,000	\$200,000
2026	\$2,350,000	\$200,000

Year	Budget	PM
2027	\$2,350,000	\$200,000
2028	\$2,350,000	\$200,000

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SECOND ST NORTH	ADAMS AVE EAST	NORTH END	2ND N	0200	660	40	26,400	R	AC		50	49	63	\$34,467	8,632	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
THIRD ST NORTH	LA CROSSE AVE EAST	NORTH END	3RD N	0200	346	38	13,148	R	AC		50	49	63	\$17,166	8,632	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
BOUSIAN AVE	CLARA AVE	SOUTH AVE	BOUSIAN	0100	162	37	5,994	R	AC		64	63	73	\$5,994	11,293	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
DUSTIN WY	LAKER LN	CHRISTOPHOR CT	DUSTIN	0100	381	36	13,716	R	AC		61	61	71	\$13,716	13,495	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
KATHERINE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	KATHERINE	0100	984	37	36,408	R	AC		65	64	74	\$36,408	11,395	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MADISON AVE SOUTH	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	MADISON	0100	590	37	21,830	R	AC		70	69	79	\$21,830	11,778	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MAPLE AVE	STANFORD AVE SOUTH	PALM CT	MAPLE	0300	803	37	29,711	R	AC		70	69	78	\$29,711	11,773	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
OAK AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	OAK	0100	487	36	17,532	R	AC		68	67	77	\$17,532	11,634	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
OLIVIA AVE SOUTH	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	OLIVIA S	0100	516	37	19,092	R	AC		65	64	74	\$19,092	11,402	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
SEQUOIA AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	SEQUOIA	0100	483	36	17,388	R	AC		68	67	77	\$17,388	11,641	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
TEMPERANCE AVE SOUTH	VALLEY DR	PARLIER AVE EAST	TEMPERANCE	0200	1,411	42	59,262	R	AC		68	67	77	\$59,262	11,641	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
WALNUT DR	SOUTH AVE EAST	WALNUT DR	WALNUT	0100	733	36	26,388	R	AC		67	66	76	\$26,388	11,561	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$298,954		
FIFTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	5TH	0300	459	53	24,327	C	AC		50	49	100	\$101,363	13,658	2.5" MILL AND HMA OVERLAY+BASE REPAIRS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
ADAMS AVE EAST	WEST CITY LIMITS	GOLDEN STATE BLVD	ADAMS E	0100	1,060	40	42,400	C	AC		45	44	100	\$176,667	14,029	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
ADAMS AVE EAST	DEE ANN AVE	TEMPERANCE AVE S	ADAMS E	0800	638	47	29,986	C	AC		43	42	100	\$124,942	14,127	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
GOLDEN STATE BLVD	MERCED ST	VINE ST	GOLDEN SB	0500	1,488	37	55,056	A	AC		44	44	100	\$232,459	19,112	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MAIN ST WEST	10TH ST WEST	8TH ST WEST	MAIN W	0100	750	52	39,000	A	AC		48	48	100	\$164,667	18,635	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MANNING AVE EAST	I-99 NB ONRAMP	VINEYARD PL	MANNING E	0200	690	72	49,680	A	AC		49	49	100	\$209,760	18,503	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MARIPOSA AVE EAST	GOLDEN STATE BLVD	7TH ST NORTH	MARIPOSA E	0100	322	50	16,100	A	AC		44	43	100	\$67,978	19,126	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MARIPOSA AVE EAST	4TH ST	ADAMS AVE EAST	MARIPOSA E	0300	279	52	14,508	A	AC		44	44	100	\$61,256	19,092	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
MERCED ST WEST	I-99 OFF RAMP SB	I-99 OFF RAMP NB	MERCED W	0100	380	60	22,800	A	AC		48	48	100	\$96,267	18,635	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
SOUTH AVE EAST	STANFORD AVE SOUTH	FOWLER AVE SOUTH	SOUTH E	0200	1,305	32	41,760	C	AC		46	45	100	\$174,000	13,962	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$1,409,359		
GOLDEN STATE BLVD	ADAMS AVE EAST	460' N/O ADAMS EAST	GOLDEN NB	1300	460	38	17,480	A	AC		69	68	100	\$57,296	18,241	2" MILL AND HMA OVERLAY+BASE REPAIRS
GOLDEN STATE BLVD	460' N/O ADAMS AVE EAST	ADAMS AVE EAST	GOLDEN SB	0200	460	40	18,400	A	AC		67	66	100	\$60,312	19,053	2" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$117,608		
HARRIS AVE SOUTH	MOTT AVE EAST	HARRIS CT	HARRIS S	0300	1,214	52	63,128	C	AC		66	66	100	\$115,735	26,359	1.5" MILL AND HMA OVERLAY
											Treatment Total			\$115,735		
SIXTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	6TH	0300	444	53	23,532	R	AC		74	73	82	\$11,766	23,682	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SIXTH ST NORTH	MERCED ST EAST	TOULUMNE ST EAST	6TH N	0100	436	53	23,108	R	AC		75	74	83	\$11,554	23,629	SLURRY SEAL+CRACK SEAL
SIXTH ST NORTH	BONITA AVE	NORTH END	6TH N	0500	660	36	23,760	R	AC		70	69	78	\$11,880	23,545	SLURRY SEAL+CRACK SEAL
BIRCH CT	MAPLE AVE	NORTH CDS	BIRCHCT	0100	162	36	5,832	R	AC		76	75	84	\$2,916	23,455	SLURRY SEAL+CRACK SEAL
BONITA WY	7TH ST NORTH	BONITA AVE	BONITA	0100	157	36	5,652	R	AC		61	61	71	\$2,826	26,990	SLURRY SEAL+CRACK SEAL
BONITA CDS WEST	CDS SOUTH	BONITA AVE EAST	BONITACDS	0100	160	36	5,760	R	AC		69	68	78	\$2,880	23,393	SLURRY SEAL+CRACK SEAL
CARTER AVE	CDS	6TH ST NORTH	CARTER	0100	1,227	36	44,172	R	AC		63	62	73	\$22,086	22,437	SLURRY SEAL+CRACK SEAL
CITRUS AVE	SOUTH AVE	FRESNO AVE	CITRUS	0200	711	36	25,596	R	AC		77	76	85	\$12,798	23,257	SLURRY SEAL+CRACK SEAL
CLARA AVE	SANDY AVE	HILL AVE	CLARA	0100	697	36	25,092	R	AC		78	77	85	\$12,546	22,939	SLURRY SEAL+CRACK SEAL
CLARA CT	WEST CDS	SAND AVE	CLARACT	0100	340	36	12,240	R	AC		78	77	85	\$6,120	22,939	SLURRY SEAL+CRACK SEAL
DUKE CT E	MADISON AVE SOUTH	EAST CDS	DUKE	0100	414	37	15,318	R	AC		75	74	83	\$7,659	23,629	SLURRY SEAL+CRACK SEAL
GROVE ST NORTH	ADAMS AVE EAST	LA CROSSE AVE EAST	GROVE	0100	315	24	7,560	R	AC		69	68	78	\$3,780	23,393	SLURRY SEAL+CRACK SEAL
JAMES AVE SOUTH	WALTER AVE EAST	KATHERINE AVE EAST	JAMES S	0100	150	40	6,000	R	AC		82	82	89	\$3,000	20,584	SLURRY SEAL+CRACK SEAL
LA CROSSE AVE EAST	GROVE AVE NORTH	6TH ST NORTH	LACROSSE E	0100	335	36	12,060	R	AC		69	68	78	\$6,030	23,393	SLURRY SEAL+CRACK SEAL
LAKER LN	RUBY AVE	SUMNER AVE	LAKER	0100	520	36	18,720	R	AC		64	63	73	\$9,360	22,598	SLURRY SEAL+CRACK SEAL
LEWIS CT EAST	WEST CDS	OLIVIA AVE SOUTH	LEWISCT	0100	486	37	17,982	R	AC		69	68	78	\$8,991	23,391	SLURRY SEAL+CRACK SEAL
MARIPOSA AVE EAST	7TH ST NORTH	5TH ST NORTH	MARIPOSA E	0200	762	52	39,624	A	AC		80	79	87	\$22,014	29,859	SLURRY SEAL+CRACK SEAL
MERCED ST EAST	5TH ST SOUTH	1ST ST SOUTH	MERCED E	0300	1,612	52	83,824	C	AC		81	80	88	\$44,241	25,205	SLURRY SEAL+CRACK SEAL
MERCED ST WEST	I-99 OFF RAMP NB	GOLDEN STATE BLVE	MERCED W	0200	1,220	52	63,440	A	AC		85	84	91	\$35,245	24,523	SLURRY SEAL+CRACK SEAL
MODESTO ST EAST	7TH ST NORTH	5TH ST NORTH	MODESTO E	0100	770	52	40,040	R	AC		69	68	78	\$20,020	23,391	SLURRY SEAL+CRACK SEAL
OAK CT	ASPEN AVE	EAST CDS	OAKCT	0100	392	37	14,504	R	AC		69	68	78	\$7,252	23,391	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2019

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
PALM AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	PALM	0100	503	36	18,108	R	AC		75	74	83	\$9,054	23,629	SLURRY SEAL+CRACK SEAL
PALM AVE	ASPEN AVE	EAST CDS	PALM	0200	410	37	15,170	R	AC		76	75	84	\$7,585	23,456	SLURRY SEAL+CRACK SEAL
RANDY AVE	SIMONIAN AVE	HILL AVE	RANDY	0100	628	36	22,608	R	AC		74	73	82	\$11,304	23,688	SLURRY SEAL+CRACK SEAL
RUBY AVE	LAKER LN	SALLY ST	RUBY	0100	440	36	15,840	R	AC		64	63	73	\$7,920	22,598	SLURRY SEAL+CRACK SEAL
SAN ANTONIO DR	VINEYARD PL	GOLDEN STATE BLVE	SANANTONIO	0100	1,113	41	45,633	R	AC		68	67	77	\$22,817	23,281	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	FOWLER AVE SOUTH	BURGAN AVE SOUTH	SOUTH E	0300	1,322	14	18,508	R	AC		69	68	78	\$9,254	23,391	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	WEST CDS	GOLDEN STATE BLVD	SOUTH E	0400	899	40	35,960	R	AC		62	61	72	\$17,980	27,496	SLURRY SEAL+CRACK SEAL
STANDFORD AVE SOUTH	SOUTH END	MAPLE AVE	STANDFORD S	0200	160	37	5,920	R	AC		76	76	84	\$2,960	23,443	SLURRY SEAL+CRACK SEAL
TUOLUMNE ST WEST	CDS WEST	10TH ST NORTH	TOULUMNE W	0100	248	21	5,208	R	AC		80	80	87	\$2,604	21,993	SLURRY SEAL+CRACK SEAL
TUOLUMNE ST WEST	10TH ST NORTH	8TH ST NORTH	TOULUMNE W	0200	764	48	36,672	R	AC		70	69	79	\$18,336	23,556	SLURRY SEAL+CRACK SEAL
VIOLET AVE	LAKER LN	SALLY ST	VIOLET	0100	407	36	14,652	R	AC		65	64	74	\$7,326	22,804	SLURRY SEAL+CRACK SEAL
WALTER AVE EAST	TEMPERANCE AVE SOUTH	CITY LIMIT EAST	WALTER E	0200	1,320	34	44,880	R	AC		63	62	72	\$22,440	22,424	SLURRY SEAL+CRACK SEAL
WILLOW CT	MAPLE AVE	CDS NORTH	WILLOWCT	0100	156	36	5,616	R	AC		79	79	86	\$2,808	22,514	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$407,352		
Year 2019 Area Total											1,520,085	Year 2019 Total		\$2,349,008		

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
ADAMS AVE EAST	MAIN ST E	DEE ANN AVE	ADAMS E	0700	1,302	58	75,516	C	AC		53	48	100	\$324,090	13,318	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$324,090		
EIGHTH ST SOUTH	SOUTH ST EAST	1,420' N/O SOUTH ST EAST	8TH S	0100	1,420	31	44,020	C	AC		73	69	100	\$83,125	24,079	1.5" MILL AND HMA OVERLAY

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

										Treatment Total		\$83,125			
TENTH ST NORTH	MERCED ST WEST	TOULUMNE ST WEST	10TH N	0100	466	52	24,232	R	AC	78	76	84	\$12,480	22,686	SLURRY SEAL+CRACK SEAL
SECOND ST NORTH	ADAMS AVE EAST	NORTH END	2ND N	0200	660	40	26,400	R	AC	50	61	72	\$13,596	24,982	SLURRY SEAL+CRACK SEAL
THIRD ST NORTH	LA CROSSE AVE EAST	NORTH END	3RD N	0200	346	38	13,148	R	AC	50	61	72	\$6,772	24,982	SLURRY SEAL+CRACK SEAL
THIRD ST SOUTH	FRESNO ST EAST	MAIN ST EAST	3RD S	0100	440	52	22,880	R	AC	81	79	87	\$11,784	21,690	SLURRY SEAL+CRACK SEAL
ASPEN AVE	SEQUIA CT	PALM AVE	ASPEN	0200	651	37	24,087	R	AC	71	69	78	\$12,405	22,749	SLURRY SEAL+CRACK SEAL
FOWLER AVE SOUTH	FRESNO ST WEST	MERCED ST WEST	FOWLER S	0200	957	40	38,280	R	AC	78	76	84	\$19,715	22,686	SLURRY SEAL+CRACK SEAL
GOBLE AVE	JONNA AVE NORTH	TEMPERANCE AVE	GOBLE	0100	1,131	36	40,716	R	AC	80	78	86	\$20,969	22,094	SLURRY SEAL+CRACK SEAL
JONNA AVE NORTH	GLEASON AVE EAST	AHRONIAN AVE	JONNA	0100	873	36	31,428	R	AC	81	79	87	\$16,186	21,663	SLURRY SEAL+CRACK SEAL
MARC AVE	BEDROSIAN AVE	HILL AVE	MARC	0100	959	36	34,524	R	AC	79	77	85	\$17,780	22,453	SLURRY SEAL+CRACK SEAL
PALM CT	FRESNO ST WEST	NORTH CDS	PALMCT	0100	820	37	30,340	R	AC	81	79	87	\$15,626	21,690	SLURRY SEAL+CRACK SEAL
SIMONIAN AVE	RANDY AVE	RYAN AVE	SIMONIAN	100	361	36	12,996	R	AC	81	79	87	\$6,693	21,690	SLURRY SEAL+CRACK SEAL
SPRUCE ACE	MAPLE AVE	PALM	SPRUCE	0100	955	36	34,380	R	AC	71	69	78	\$17,706	22,759	SLURRY SEAL+CRACK SEAL
SUMNER AVE E	CITY LIMIT WEST	MANGNOLIA AVE	SUMNER	0300	1,020	46	46,920	R	AC	81	79	87	\$24,164	21,690	SLURRY SEAL+CRACK SEAL
VALLEY DR EAST	TEMPERANCE AVE SOUTH	GOLDEN STATE BLVD	VALLEY E	0100	1,814	60	108,840	C	AC	87	84	91	\$59,167	23,694	SLURRY SEAL+CRACK SEAL
										Treatment Total		\$255,043			
GOLDEN STATE BLVD	CITY LIMT SOUTH DR	SAN ANTONIO DR	GOLDEN NB	0100	1,265	30	37,950	A	AC	7	0	100	\$275,792	10,293	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	SAN ANTONIO DR	MANNING AVE EAST	GOLDEN NB	0200	810	40	32,400	A	AC	4	0	100	\$235,458	10,293	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	MANNING AVE EAST	VALLEY DR	GOLDEN NB	0300	1,620	36	58,320	A	AC	10	4	100	\$423,825	10,293	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	VALLEY DR	RPM DR	GOLDEN NB	0400	1,220	36	43,920	A	AC	6	0	100	\$319,177	10,293	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	RPM DR	TEMPERANCE DR	GOLDEN NB	0500	1,228	36	44,208	A	AC	1	0	100	\$321,270	10,293	RECONSTRUCT STRUCTURE (AC)
MANNING AVE EAST	TEMPERANCE AVE SOUTH	I-99 SB ONRAMP	MANNING E	0100	386	40	15,440	A	AC	4	0	100	\$112,206	10,293	RECONSTRUCT STRUCTURE (AC)
										Treatment Total		\$1,687,728			

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year 2020 Area Total 840,945 Year 2020 Total \$2,349,986

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Treatment			Cost	Rating	Treatment
											Current PCI	PCI Before	PCI After			
DUSTIN WY	LAKER LN	CHRISTOPHOR CT	DUSTIN	0100	381	36	13,716	R	AC		61	68	78	\$14,552	14,582	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$14,552		
EIGHTH ST NORTH	ADAMS AVE EAST	END NORTH	8TH N	0400	1,248	34	42,432	C	AC		55	47	100	\$187,568	13,043	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
ADAMS AVE EAST	VISTA AVE	MAIN ST E	ADAMS E	0600	360	48	17,280	C	AC		56	48	100	\$76,385	12,972	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
HARRIS AVE SOUTH	919' N/O SOUTH AVE EAST	MOTT AVE EAST	HARRIS S	0200	842	36	30,312	C	AC		54	46	100	\$133,992	13,114	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$397,945		
ADAMS AVE EAST	TEMPERANCE AVE S	CITY LIMIT EAST	ADAMS E	0900	1,320	40	52,800	C	AC		74	68	100	\$102,696	24,102	1.5" MILL AND HMA OVERLAY
FRESNO ST WEST	STANFORD AV SOUTH	FOWLER AV SOUTH	FRESNO W	0100	1,567	54	84,618	A	AC		74	69	100	\$167,075	29,901	1.5" MILL AND HMA OVERLAY
											Treatment Total			\$269,771		
FOURTH ST NORTH	TOULUMNE ST EAST	ADAMS AVE EAST	4TH N	0200	714	52	37,128	R	AC		82	78	86	\$19,695	21,303	SLURRY SEAL+CRACK SEAL
BEDROIAN AVE	RYAN AVE	MARC AVE	BEDROSIAN	0100	310	36	11,160	R	AC		87	83	90	\$5,920	18,007	SLURRY SEAL+CRACK SEAL
BONITA WY	7TH ST NORTH	BONITA AVE	BONITA	0100	157	36	5,652	R	AC		61	68	78	\$2,999	29,164	SLURRY SEAL+CRACK SEAL
BOORNAZIAN AVE	TEMPERANCE AVE SOUTH	GLEASON AVE NORTH	BOORNAZ	0200	170	60	10,200	R	AC		86	82	89	\$5,411	18,814	SLURRY SEAL+CRACK SEAL
CARTER AVE	CDS	6TH ST NORTH	CARTER	0100	1,227	36	44,172	R	AC		63	69	78	\$23,432	22,164	SLURRY SEAL+CRACK SEAL
ELIZABETH AVE	SUNNYSIDE AVE SOUTH	BEDROSIAN AVE	ELIZABETH	0100	153	36	5,508	R	AC		87	83	90	\$2,922	18,012	SLURRY SEAL+CRACK SEAL
FRESNO ST EAST	4TH ST SOUTH	2ND ST SOUTH	FRESNO E	0200	765	52	39,780	R	AC		73	69	78	\$21,102	22,157	SLURRY SEAL+CRACK SEAL
GLEASON AVE EAST	JONNA AVE NORTH	GLEASON AVE NORTH	GLEASONE	0100	881	36	31,716	R	AC		85	81	89	\$16,824	19,588	SLURRY SEAL+CRACK SEAL
HILL AVE	RANDY AVE	CLARA AVE	HILL	0100	990	36	35,640	R	AC		82	78	86	\$18,906	21,303	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
MAPLE AVE	SUNNY SIDE AVE SOUTH	SPUCE AVE	MAPLE	0100	505	36	18,180	R	AC		87	83	90	\$9,644	18,012	SLURRY SEAL+CRACK SEAL
MERCED ST EAST	7TH ST SOUTH	5TH ST SOUTH	MERCED E	0200	815	52	42,380	C	AC		89	84	91	\$23,730	22,941	SLURRY SEAL+CRACK SEAL
RANDY CT	RANDY AVE	NORHT CDS	RANDYCT	0100	161	36	5,796	R	AC		85	81	89	\$3,075	19,633	SLURRY SEAL+CRACK SEAL
SANDY AVE	MARC AVE	CLARK	SANDY	0100	249	36	8,964	R	AC		87	83	90	\$4,755	17,951	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	WEST CITY LIMIT	STANFORD AVE SOUTH	SOUTH E	0100	1,341	43	57,663	C	AC		88	83	90	\$32,287	23,265	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	WEST CDS	GOLDEN STATE BLVD	SOUTH E	0400	899	40	35,960	R	AC		62	69	78	\$19,075	29,818	SLURRY SEAL+CRACK SEAL
SUMNER AVE E	MAGNOLIA AVE	SUMNER AVE NORTH	SUMNER	0400	370	40	14,800	R	AC		85	81	89	\$7,851	19,633	SLURRY SEAL+CRACK SEAL
SUNNYSIDE AVE SOUTH	SOUTH END	SOUTH AVE EAST	SUNNYSIDE	0100	1,328	36	47,808	R	AC		81	77	85	\$25,360	21,646	SLURRY SEAL+CRACK SEAL
TEMPERANCE AVE SOUTH	PARLIER AVE EAST	GOLDEN STATE BLVD	TEMPERANCE	0300	432	42	18,144	R	AC		84	80	88	\$9,625	20,249	SLURRY SEAL+CRACK SEAL
TEMPERANCE AVE SOUTH	CLAYTON AVE EAST	CITY LIMIT NORTH	TEMPERANCE	0900	227	24	5,448	R	AC		85	81	89	\$2,890	19,584	SLURRY SEAL+CRACK SEAL
WALTER AVE EAST	TEMPERANCE AVE SOUTH	CITY LIMIT EAST	WALTER E	0200	1,320	34	44,880	R	AC		63	69	78	\$23,807	22,155	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$279,310		
BONITA AVE WEST	WEST END	8TH ST WEST	BONITA W	0100	590	20	11,800	R	AC		1	0	100	\$65,376	8,907	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	TEMPERANCE DR	GEE ST	GOLDEN NB	0600	916	30	27,480	A	AC		16	5	100	\$205,695	9,993	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	GEE ST	SOUTH ST EAST	GOLDEN NB	0700	2,148	36	77,328	A	AC		1	0	100	\$578,819	9,993	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	SOUTH ST EAST	PEACH ST	GOLDEN NB	0800	1,909	37	70,633	A	AC		6	0	100	\$528,705	9,993	RECONSTRUCT STRUCTURE (AC)
											Treatment Total			\$1,378,595		
Year 2021 Area Total											949,378		Year 2021 Total		\$2,340,173	

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BOUSIAN AVE	CLARA AVE	SOUTH AVE	BOUSIAN	0100	162	37	5,994	R	AC		64	68	78	\$6,550	10,702	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
KATHERINE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	KATHERINE	0100	984	37	36,408	R	AC		65	69	78	\$39,785	10,760	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
OLIVIA AVE SOUTH	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	OLIVIA S	0100	516	37	19,092	R	AC		65	69	78	\$20,863	10,764	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
VINEYARD PL	MANNING AVE EAST	SAN ANTONIO AVE	VINEYARD	0100	1,032	40	41,280	R	AC		55	48	62	\$58,891	7,962	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$126,089		
EIGHTH ST NORTH	MERCEND ST WEST	TOULEMNE ST WEST	8TH N	0100	458	46	21,068	C	AC		59	48	100	\$95,924	12,614	2.5" MILL AND HMA OVERLAY+BASE REPAIRS
											Treatment Total			\$95,924		
SECOND ST NORTH	ADAMS AVE EAST	NORTH END	2ND N	0200	660	40	26,400	R	AC		50	69	78	\$14,424	26,169	SLURRY SEAL+CRACK SEAL
THIRD ST NORTH	LA CROSSE AVE EAST	NORTH END	3RD N	0200	346	38	13,148	R	AC		50	69	78	\$7,184	26,169	SLURRY SEAL+CRACK SEAL
CURTIS AVE	CARTER AVE	6TH ST NORTH	CURTIS	0100	816	36	29,376	R	AC		90	84	91	\$16,050	16,567	SLURRY SEAL+CRACK SEAL
FOWLER AVE SOUTH	SOUTH AVE EAST	FRESNO ST WEST	FOWLER S	0100	1,563	38	59,394	R	AC		88	82	90	\$32,451	18,122	SLURRY SEAL+CRACK SEAL
GLEASON AVE NORTH	GLEASON AVE EAST	LORENE AVE	GLEASON N	0100	580	36	20,880	R	AC		90	84	91	\$11,409	16,628	SLURRY SEAL+CRACK SEAL
JAMES AVE SOUTH	MICHELLE AVE EAST	ADAMS AVE EAST	JAMES S	0200	159	40	6,360	R	AC		90	84	91	\$3,475	16,563	SLURRY SEAL+CRACK SEAL
LAKER LN	RUBY AVE	SUMNER AVE	LAKER	0100	520	36	18,720	R	AC		64	68	78	\$10,228	21,406	SLURRY SEAL+CRACK SEAL
MICHELLE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	MICHELLE E	0100	1,003	37	37,111	R	AC		88	82	89	\$20,277	18,166	SLURRY SEAL+CRACK SEAL
OLIVIA AVE SOUTH	516' N/O KATHERINE ST EAST	MICHELLE AVE EAST	OLIVIA S	0200	437	37	16,169	R	AC		90	84	91	\$8,835	16,563	SLURRY SEAL+CRACK SEAL
RUBY AVE	LAKER LN	SALLY ST	RUBY	0100	440	36	15,840	R	AC		64	68	78	\$8,655	21,406	SLURRY SEAL+CRACK SEAL
RYAN AVE	BEDROSIAN AVE	HILL AVE	RYAN	0100	970	36	34,920	R	AC		88	82	89	\$19,080	18,166	SLURRY SEAL+CRACK SEAL
SUNNYSIDE AVE SOUTH	SOUTH END	SUMNER AVE EAST	SUNNYSIDE	0200	1,310	24	31,440	R	AC		90	84	91	\$17,178	16,563	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SUNNYSIDE AVE SOUTH	SUMNER AVE EAST	NORTH END	SUNNYSIDE	0300	1,333	24	31,992	R	AC		90	84	91	\$17,480	16,563	SLURRY SEAL+CRACK SEAL
TAMI CT EAST	MADISON AVE SOUTH	EAST CDS	TAMI E	0100	415	37	15,355	R	AC		90	84	91	\$8,390	16,628	SLURRY SEAL+CRACK SEAL
VIOLET AVE	LAKER LN	SALLY ST	VIOLET	0100	407	36	14,652	R	AC		65	69	78	\$8,006	21,529	SLURRY SEAL+CRACK SEAL
WALTER AVE WEST	SUNNYSIDE AVE EAST	JAMESON AVE WEST	WALTER W	0100	1,007	36	36,252	R	AC		90	84	91	\$19,807	16,563	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$222,929		
SIXTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	6TH	0300	444	53	23,532	R	AC		74	77	79	\$92	735,842	SEAL CRACKS
SIXTH ST NORTH	MERCED ST EAST	TOULUMNE ST EAST	6TH N	0100	436	53	23,108	R	AC		75	78	80	\$87	746,476	SEAL CRACKS
SIXTH ST NORTH	BONITA AVE	NORTH END	6TH N	0500	660	36	23,760	R	AC		70	74	76	\$110	692,407	SEAL CRACKS
BIRCH CT	MAPLE AVE	NORTH CDS	BIRCHCT	0100	162	36	5,832	R	AC		76	79	81	\$21	749,170	SEAL CRACKS
BONITA CDS WEST	CDS SOUTH	BONITA AVE EAST	BONITACDS	0100	160	36	5,760	R	AC		69	73	75	\$28	686,217	SEAL CRACKS
CITRUS AVE	SOUTH AVE	FRESNO AVE	CITRUS	0200	711	36	25,596	R	AC		77	80	82	\$87	755,885	SEAL CRACKS
CLARA AVE	SANDY AVE	HILL AVE	CLARA	0100	697	36	25,092	R	AC		78	81	82	\$81	756,775	SEAL CRACKS
CLARA CT	WEST CDS	SAND AVE	CLARACT	0100	340	36	12,240	R	AC		78	81	82	\$40	756,775	SEAL CRACKS
DUKE CT E	MADISON AVE SOUTH	EAST CDS	DUKE	0100	414	37	15,318	R	AC		75	78	80	\$58	746,476	SEAL CRACKS
GROVE ST NORTH	ADAMS AVE EAST	LA CROSSE AVE EAST	GROVE	0100	315	24	7,560	R	AC		69	73	75	\$37	686,285	SEAL CRACKS
JAMES AVE SOUTH	WALTER AVE EAST	KATHERINE AVE EAST	JAMES S	0100	150	40	6,000	R	AC		82	84	85	\$16	743,012	SEAL CRACKS
LA CROSSE AVE EAST	GROVE AVE NORTH	6TH ST NORTH	LACROSSE E	0100	335	36	12,060	R	AC		69	73	75	\$58	686,285	SEAL CRACKS
LEWIS CT EAST	WEST CDS	OLIVIA AVE SOUTH	LEWISCT	0100	486	37	17,982	R	AC		69	73	75	\$86	684,958	SEAL CRACKS
MADISON AVE SOUTH	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	MADISON	0100	590	37	21,830	R	AC		70	74	76	\$101	692,753	SEAL CRACKS
MAPLE AVE	STANFORD AVE SOUTH	PALM CT	MAPLE	0300	803	37	29,711	R	AC		70	74	76	\$137	692,407	SEAL CRACKS
MARIPOSA AVE EAST	7TH ST NORTH	5TH ST NORTH	MARIPOSA E	0200	762	52	39,624	A	AC		80	80	82	\$131	1,116,371	SEAL CRACKS
MERCED ST EAST	5TH ST SOUTH	1ST ST SOUTH	MERCED E	0300	1,612	52	83,824	C	AC		81	82	83	\$253	876,459	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
MERCED ST WEST	I-99 OFF RAMP NB	GOLDEN STATE BLVE	MERCED W	0200	1,220	52	63,440	A	AC		85	84	85	\$166	1,098,356	SEAL CRACKS
MODESTO ST EAST	7TH ST NORTH	5TH ST NORTH	MODESTO E	0100	770	52	40,040	R	AC		69	73	75	\$192	684,958	SEAL CRACKS
OAK AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	OAK	0100	487	36	17,532	R	AC		68	72	74	\$87	666,955	SEAL CRACKS
OAK CT	ASPEN AVE	EAST CDS	OAKCT	0100	392	37	14,504	R	AC		69	73	75	\$70	684,958	SEAL CRACKS
PALM AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	PALM	0100	503	36	18,108	R	AC		75	78	80	\$68	746,476	SEAL CRACKS
PALM AVE	ASPEN AVE	EAST CDS	PALM	0200	410	37	15,170	R	AC		76	79	81	\$55	749,156	SEAL CRACKS
RANDY AVE	SIMONIAN AVE	HILL AVE	RANDY	0100	628	36	22,608	R	AC		74	77	79	\$89	734,756	SEAL CRACKS
SAN ANTONIO DR	VINEYARD PL	GOLDEN STATE BLVE	SANANTONIO	0100	1,113	41	45,633	R	AC		68	72	74	\$225	667,329	SEAL CRACKS
SEQUOIA AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	SEQUOIA	0100	483	36	17,388	R	AC		68	72	74	\$86	667,329	SEAL CRACKS
SOUTH AVE EAST	FOWLER AVE SOUTH	BURGAN AVE SOUTH	SOUTH E	0300	1,322	14	18,508	R	AC		69	73	75	\$89	684,958	SEAL CRACKS
STANDFORD AVE SOUTH	SOUTH END	MAPLE AVE	STANDFORD S	0200	160	37	5,920	R	AC		76	79	81	\$22	749,740	SEAL CRACKS
TEMPERANCE AVE SOUTH	VALLEY DR	PARLIER AVE EAST	TEMPERANCE	0200	1,411	42	59,262	R	AC		68	72	74	\$292	667,329	SEAL CRACKS
TUOLUMNE ST WEST	CDS WEST	10TH ST NORTH	TUOLUMNE W	0100	248	21	5,208	R	AC		80	82	84	\$16	755,402	SEAL CRACKS
TUOLUMNE ST WEST	10TH ST NORTH	8TH ST NORTH	TUOLUMNE W	0200	764	48	36,672	R	AC		70	74	76	\$169	692,753	SEAL CRACKS
WALNUT DR	SOUTH AVE EAST	WALNUT DR	WALNUT	0100	733	36	26,388	R	AC		67	71	74	\$135	657,967	SEAL CRACKS
WILLOW CT	MAPLE AVE	CDS NORTH	WILLOWCT	0100	156	36	5,616	R	AC		79	81	83	\$18	756,949	SEAL CRACKS
												Treatment Total		\$3,202		
GOLDEN STATE BLVD	VINE ST	MERCED ST	GOLDEN NB	1000	1,488	38	56,544	A	AC		34	21	100	\$435,943	9,702	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	MERCED ST	MARIPOSA ST	GOLDEN NB	1100	947	40	37,880	A	AC		9	0	100	\$292,048	9,702	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	MAQRIPOSA ST	ADAMS AVE EAST	GOLDEN NB	1200	1,730	37	64,010	A	AC		13	0	100	\$493,505	9,702	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	460' N/O ADAMS AVE EAST	CITY LIMIT NORTH	GOLDEN NB	1400	1,375	36	49,500	A	AC		2	0	100	\$381,635	9,702	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	MARIPOSA ST	MERCED ST	GOLDEN SB	0400	947	40	37,880	A	AC		8	0	100	\$292,048	9,702	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

		Treatment Total	\$1,895,179
Year 2022 Area Total	1,568,491	Year 2022 Total	\$2,343,323

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment PCI Before	PCI After	Cost	Rating	Treatment
HARRIS CT	5TH ST SOUTH	END CDS	HARRIS	0100	288	36	10,368	R	AC		57	49	63	\$15,235	7,797	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
JAMESON DR	LAKER LN	CHRISTOPHER CT	JAMESON	0100	417	36	15,012	R	AC		57	49	63	\$22,059	7,797	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MAGNOLIA AVE	PALM CT	SUMNER AVE EAST	MAGNOLIA	0100	166	37	6,142	R	AC		57	49	63	\$9,026	7,789	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total		\$46,320			
DEE ANNE AVE	ADAMS AVE EAST	GLEASON AVE EAST	DEEANN	0100	299	36	10,764	R	AC		91	83	90	\$6,058	17,004	SLURRY SEAL+CRACK SEAL
ESRAELIAN AVE	DUSTIN AVE WEST	JAMESON AVE WEST	ESRAELIAN	0100	354	36	12,744	R	AC		93	84	91	\$7,172	15,585	SLURRY SEAL+CRACK SEAL
FLOYD CT EAST	WEST CDS	OLIVIA AVE SOUTH	FLOYD	0100	490	37	18,130	R	AC		92	84	91	\$10,203	16,009	SLURRY SEAL+CRACK SEAL
FRESNO ST WEST	CDS WEST	8TH ST SOUTH	FRESNO W	0200	1,105	52	57,460	A	AC		94	83	90	\$35,929	23,714	SLURRY SEAL+CRACK SEAL
LORENE AVE	JONNA AVE NORTH	GLEASON AVE EAST	LORENE	0100	987	36	35,532	R	AC		93	84	91	\$19,996	15,511	SLURRY SEAL+CRACK SEAL
VINEYARD PL	MANNING AVE EAST	SAN ANTONIO AVE	VINEYARD	0100	1,032	40	41,280	R	AC		55	61	71	\$23,231	23,380	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$102,589			
TENTH ST NORTH	MERCED ST WEST	TOULUMNE ST WEST	10TH N	0100	466	52	24,232	R	AC		78	79	81	\$87	733,442	SEAL CRACKS
THIRD ST SOUTH	FRESNO ST EAST	MAIN ST EAST	3RD S	0100	440	52	22,880	R	AC		81	82	83	\$71	734,349	SEAL CRACKS
FIFTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	5TH	0300	459	53	24,327	C	AC		50	84	86	\$45	1,252,904	SEAL CRACKS
ADAMS AVE EAST	WEST CITY LIMITS	GOLDEN STATE BLVD	ADAMS E	0100	1,060	40	42,400	C	AC		45	84	86	\$79	1,252,904	SEAL CRACKS
ADAMS AVE EAST	DEE ANN AVE	TEMPERANCE AVE S	ADAMS E	0800	638	47	29,986	C	AC		43	84	86	\$56	1,252,904	SEAL CRACKS
ASPEN AVE	SEQUIA CT	PALM AVE	ASPEN	0200	651	37	24,087	R	AC		71	73	76	\$118	668,831	SEAL CRACKS
FOWLER AVE SOUTH	FRESNO ST WEST	MERCED ST WEST	FOWLER S	0200	957	40	38,280	R	AC		78	79	81	\$138	733,442	SEAL CRACKS
GOBLE AVE	JONNA AVE NORTH	TEMPERANCE AVE	GOBLE	0100	1,131	36	40,716	R	AC		80	81	83	\$132	735,721	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2023

Year: 2023											Treatment			Cost	Rating	Treatment	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	PCI Before	PCI After				
GOLDEN STATE BLVD	ADAMS AVE EAST	460' N/O ADAMS EAST	GOLDEN NB	1300	460	38	17,480	A	AC		69	84	86	\$32	1,811,864	SEAL CRACKS	
GOLDEN STATE BLVD	460' N/O ADAMS AVE EAST	ADAMS AVE EAST	GOLDEN SB	0200	460	40	18,400	A	AC		67	84	86	\$34	1,811,864	SEAL CRACKS	
GOLDEN STATE BLVD	MERCED ST	VINE ST	GOLDEN SB	0500	1,488	37	55,056	A	AC		44	84	86	\$100	1,811,864	SEAL CRACKS	
HARRIS AVE SOUTH	MOTT AVE EAST	HARRIS CT	HARRIS S	0300	1,214	52	63,128	C	AC		66	84	86	\$117	1,252,904	SEAL CRACKS	
JONNA AVE NORTH	GLEASON AVE EAST	AHRONIAN AVE	JONNA	0100	873	36	31,428	R	AC		81	82	83	\$97	734,262	SEAL CRACKS	
MAIN ST WEST	10TH ST WEST	8TH ST WEST	MAIN W	0100	750	52	39,000	A	AC		48	84	86	\$71	1,811,864	SEAL CRACKS	
MANNING AVE EAST	I-99 NB ONRAMP	VINEYARD PL	MANNING E	0200	690	72	49,680	A	AC		49	84	86	\$90	1,811,864	SEAL CRACKS	
MARC AVE	BEDROSIAN AVE	HILL AVE	MARC	0100	959	36	34,524	R	AC		79	80	82	\$118	734,235	SEAL CRACKS	
MARIPOSA AVE EAST	GOLDEN STATE BLVD	7TH ST NORTH	MARIPOSA E	0100	322	50	16,100	A	AC		44	84	86	\$29	1,811,864	SEAL CRACKS	
MARIPOSA AVE EAST	4TH ST	ADAMS AVE EAST	MARIPOSA E	0300	279	52	14,508	A	AC		44	84	86	\$27	1,811,864	SEAL CRACKS	
MERCED ST WEST	I-99 OFF RAMP SB	I-99 OFF RAMP NB	MERCED W	0100	380	60	22,800	A	AC		48	84	86	\$42	1,811,864	SEAL CRACKS	
PALM CT	FRESNO ST WEST	NORTH CDS	PALMCT	0100	820	37	30,340	R	AC		81	82	83	\$94	734,349	SEAL CRACKS	
SIMONIAN AVE	RANDY AVE	RYAN AVE	SIMONIAN	100	361	36	12,996	R	AC		81	82	83	\$40	734,349	SEAL CRACKS	
SOUTH AVE EAST	STANFORD AVE SOUTH	FOWLER AVE SOUTH	SOUTH E	0200	1,305	32	41,760	C	AC		46	84	86	\$77	1,252,904	SEAL CRACKS	
SPRUCE ACE	MAPLE AVE	PALM	SPRUCE	0100	955	36	34,380	R	AC		71	73	76	\$167	669,129	SEAL CRACKS	
SUMNER AVE E	CITY LIMIT WEST	MANGNOLIA AVE	SUMNER	0300	1,020	46	46,920	R	AC		81	82	83	\$145	734,349	SEAL CRACKS	
											Treatment Total			\$2,006			
GOLDEN STATE BLVD	CITY LIMIT SOUTH	460' N/O ADAMS AVE EAST	GOLDEN SB	0100	1,375	36	49,500	A	AC		17	0	100	\$393,084	9,420	RECONSTRUCT STRUCTURE (AC)	
GOLDEN STATE BLVD	ADAMS AVE EAST	MARIPOSA ST	GOLDEN SB	0300	1,730	36	62,280	A	AC		13	0	100	\$494,572	9,420	RECONSTRUCT STRUCTURE (AC)	
GOLDEN STATE BLVD	VINE ST	PEACH ST	GOLDEN SB	0600	989	36	35,604	A	AC		26	7	100	\$282,735	9,420	RECONSTRUCT STRUCTURE (AC)	
GOLDEN STATE BLVD	PEACH ST	SOUTH ST EAST	GOLDEN SB	0700	1,909	36	68,724	A	AC		24	5	100	\$545,744	9,420	RECONSTRUCT STRUCTURE (AC)	
GOLDEN STATE BLVD	SOUTH ST WAST	WIDTH CHANGE	GOLDEN SB	0800	1,575	37	58,275	A	AC		36	19	100	\$462,768	9,420	RECONSTRUCT STRUCTURE (AC)	
											Treatment Total			\$2,178,903			
Year 2023 Area Total							1,257,223				Year 2023 Total			\$2,329,818			

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
JAMESON DR	LAKER LN	CHRISTOPHER CT	JAMESON	0100	417	36	15,012	R	AC		57	61	71	\$17,404	11,496	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MAGNOLIA AVE	PALM CT	SUMNER AVE EAST	MAGNOLIA	0100	166	37	6,142	R	AC		57	61	71	\$7,121	11,484	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
Treatment Total														\$24,525		
TENTH ST SOUTH	FRESNO ST WEST	669' N/O FRESNO ST WEST	10TH S	0100	669	52	34,788	R	AC		94	83	90	\$20,165	16,375	SLURRY SEAL+CRACK SEAL
CAREY AVE	DUSTIN AVE WEST	NELSON AVE WEST	CAREY	0100	603	36	21,708	R	AC		93	83	90	\$12,583	16,520	SLURRY SEAL+CRACK SEAL
CLAYTON AVE EAST	1,328' E/O ARMSTRONG AVE SOUTH	TEMPERANCE AVE SOUTH	CLAYTON E	0200	1,282	30	38,460	C	AC		94	84	91	\$23,532	21,083	SLURRY SEAL+CRACK SEAL
DUSTIN AVE WEST	SUNNYSIDE AVE SOUTH	ESRAELIAN AVE	DUSTIN W	0100	641	36	23,076	R	AC		93	83	90	\$13,376	16,473	SLURRY SEAL+CRACK SEAL
GLEASON AVE NORTH	HEIDI AVE	SKYLAR AVE	GLEASON N	0300	985	36	35,460	R	AC		94	83	90	\$20,554	16,415	SLURRY SEAL+CRACK SEAL
HARRIS CT	5TH ST SOUTH	END CDS	HARRIS	0100	288	36	10,368	R	AC		57	61	71	\$6,010	22,991	SLURRY SEAL+CRACK SEAL
HEIDI AVE	JONNA AVE NORTH	GLEASON AVE NORTH	HEIDI	0100	955	37	35,335	R	AC		93	83	90	\$20,482	16,469	SLURRY SEAL+CRACK SEAL
MADISON AVE SOUTH	590' N/O KATHERINE ST EAST	MICHELLE AVE EAST	MADISON S	0200	355	37	13,135	R	AC		93	83	90	\$7,614	16,469	SLURRY SEAL+CRACK SEAL
MERCED ST EAST	GOLDEN STAD BLVD	7 ST SOUTH	MERCED E	0100	324	40	12,960	C	AC		94	83	90	\$7,930	21,280	SLURRY SEAL+CRACK SEAL
MERCED ST EAST	1ST ST SOUTH	ADAMS AVE EAST	MERCED E	0400	187	46	8,602	C	AC		94	83	90	\$5,264	21,280	SLURRY SEAL+CRACK SEAL
NELSON AVE EAST	4TH ST SOUTH	LAKER LN	NELSON E	0100	862	30	25,860	R	AC		94	83	90	\$14,990	16,375	SLURRY SEAL+CRACK SEAL
NELSON AVE WEST	SUNNYSIDE AVE SOUTH	WALTER AVE WEST	NELSON W	0100	531	36	19,116	R	AC		93	83	90	\$11,081	16,469	SLURRY SEAL+CRACK SEAL
TEMPERANCE AVE SOUTH	137' N/O AHRONIAN AVE	CLATON AVE EAST	TEMPERAN CE	0800	1,330	49	65,170	R	AC		93	83	90	\$37,775	16,469	SLURRY SEAL+CRACK SEAL
Treatment Total														\$201,356		
FOURTH ST NORTH	TOULUMNE ST EAST	ADAMS AVE EAST	4TH N	0200	714	52	37,128	R	AC		82	81	83	\$122	713,775	SEAL CRACKS
EIGHTH ST SOUTH	SOUTH ST EAST	1,420' N/O SOUTH ST EAST	8TH S	0100	1,420	31	44,020	C	AC		73	84	86	\$84	1,216,411	SEAL CRACKS
ADAMS AVE EAST	MAIN ST E	DEE ANN AVE	ADAMS E	0700	1,302	58	75,516	C	AC		53	84	86	\$144	1,216,411	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BONITA WY	7TH ST NORTH	BONITA AVE	BONITA	0100	157	36	5,652	R	AC		61	74	77	\$27	915,398	SEAL CRACKS
BOORNAZIAN AVE	TEMPERANCE AVE SOUTH	GLEASON AVE NORTH	BOORNAZ	0200	170	60	10,200	R	AC		86	84	85	\$28	694,105	SEAL CRACKS
CARTER AVE	CDS	6TH ST NORTH	CARTER	0100	1,227	36	44,172	R	AC		63	74	76	\$218	651,719	SEAL CRACKS
DUSTIN WY	LAKER LN	CHRISTOPHOR CT	DUSTIN	0100	381	36	13,716	R	AC		61	74	77	\$66	915,398	SEAL CRACKS
FRESNO ST EAST	4TH ST SOUTH	2ND ST SOUTH	FRESNO E	0200	765	52	39,780	R	AC		73	74	76	\$197	651,484	SEAL CRACKS
GLEASON AVE EAST	JONNA AVE NORTH	GLEASON AVE NORTH	GLEASONE	0100	881	36	31,716	R	AC		85	84	85	\$89	701,340	SEAL CRACKS
GOLDEN STATE BLVD	CITY LIMT SOUTH	SAN ANTONIO DR	GOLDEN NB	0100	1,265	30	37,950	A	AC		7	84	85	\$103	1,022,472	SEAL CRACKS
GOLDEN STATE BLVD	SAN ANTONIO DR	MANNING AVE EAST	GOLDEN NB	0200	810	40	32,400	A	AC		4	84	85	\$88	1,022,472	SEAL CRACKS
GOLDEN STATE BLVD	MANNING AVE EAST	VALLEY DR	GOLDEN NB	0300	1,620	36	58,320	A	AC		10	84	85	\$158	1,022,472	SEAL CRACKS
GOLDEN STATE BLVD	VALLEY DR	RPM DR	GOLDEN NB	0400	1,220	36	43,920	A	AC		6	84	85	\$119	1,022,472	SEAL CRACKS
GOLDEN STATE BLVD	RPM DR	TEMPERANCE DR	GOLDEN NB	0500	1,228	36	44,208	A	AC		1	84	85	\$120	1,022,472	SEAL CRACKS
HILL AVE	RANDY AVE	CLARA AVE	HILL	0100	990	36	35,640	R	AC		82	81	83	\$117	713,775	SEAL CRACKS
MANNING AVE EAST	TEMPERANCE AVE SOUTH	I-99 SB ONRAMP	MANNING E	0100	386	40	15,440	A	AC		4	84	85	\$42	1,022,472	SEAL CRACKS
RANDY CT	RANDY AVE	NORHT CDS	RANDYCT	0100	161	36	5,796	R	AC		85	83	85	\$17	701,580	SEAL CRACKS
SOUTH AVE EAST	WEST CITY LIMIT	STANFORD AVE SOUTH	SOUTH E	0100	1,341	43	57,663	C	AC		88	84	86	\$150	874,307	SEAL CRACKS
SOUTH AVE EAST	WEST CDS	GOLDEN STATE BLVD	SOUTH E	0400	899	40	35,960	R	AC		62	75	77	\$165	949,702	SEAL CRACKS
SUMNER AVE E	MAGNOLIA AVE	SUMNER AVE NORTH	SUMNER	0400	370	40	14,800	R	AC		85	83	85	\$42	701,580	SEAL CRACKS
SUNNYSIDE AVE SOUTH	SOUTH END	SOUTH AVE EAST	SUNNYSIDE	0100	1,328	36	47,808	R	AC		81	81	82	\$164	713,269	SEAL CRACKS
TEMPERANCE AVE SOUTH	PARLIER AVE EAST	GOLDEN STATE BLVD	TEMPERAN CE	0300	432	42	18,144	R	AC		84	83	84	\$54	705,385	SEAL CRACKS
TEMPERANCE AVE SOUTH	CLAYTON AVE EAST	CITY LIMIT NORTH	TEMPERAN CE	0900	227	24	5,448	R	AC		85	84	85	\$16	701,323	SEAL CRACKS
VALLEY DR EAST	TEMPERANCE AVE SOUTH	GOLDEN STATE BLVD	VALLEY E	0100	1,814	60	108,840	C	AC		87	83	85	\$311	844,301	SEAL CRACKS
WALTER AVE EAST	TEMPERANCE AVE SOUTH	CITY LIMT EAST	WALTER E	0200	1,320	34	44,880	R	AC		63	73	76	\$222	651,437	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

											Treatment Total			\$2,863		
TENTH ST SOUTH	669' N/O FRESNO ST WEST	MERCED ST WEST	10TH S	0200	268	52	13,936	R	AC		25	8	100	\$84,369	8,151	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	WIDTH CHANGE	TEMPERANCE DR SOUTH	GOLDEN SB	0900	1,490	30	44,700	A	AC		22	0	100	\$365,616	9,145	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	TEMPERANCE DR SOUTH	RPM DR	GOLDEN SB	1000	1,228	30	36,840	A	AC		21	0	100	\$301,327	9,145	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	RPM DR	VALLEY DR	GOLDEN SB	1100	1,220	30	36,600	A	AC		28	5	100	\$299,364	9,145	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	VALLEY DR	MANNING AVE EAST	GOLDEN SB	1200	1,620	40	64,800	A	AC		25	1	100	\$530,021	9,145	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	MANNING AVE EAST	SAN ANTOINIO DR	GOLDEN SB	1300	810	34	27,540	A	AC		27	3	100	\$225,259	9,145	RECONSTRUCT STRUCTURE (AC)
GOLDEN STATE BLVD	SAN ANTONIO DR	CITY LIMIT SOUTH	GOLDEN SB	1400	1,265	30	37,950	A	AC		34	12	100	\$310,406	9,145	RECONSTRUCT STRUCTURE (AC)
											Treatment Total			\$2,116,362		
Year 2024 Area Total							1,536,675				Year 2024 Total			\$2,345,106		

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
OAK AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	OAK	0100	487	36	17,532	R	AC		68	69	79	\$20,935	9,867	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
WALNUT DR	SOUTH AVE EAST	WALNUT DR	WALNUT	0100	733	36	26,388	R	AC		67	69	78	\$31,509	9,809	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$52,444		
AHRONIAN AVE	JONNA AVE NORTH	TEMPERANCE AVE NORTH	AHRONIAN	0100	1,149	36	41,364	R	AC		94	82	89	\$24,696	17,132	SLURRY SEAL+CRACK SEAL
ARETHA AVE	JONNA AVE NORTH	GLEASON AVE NORTH	ARETHA	0100	936	37	34,632	R	AC		94	82	89	\$20,677	17,134	SLURRY SEAL+CRACK SEAL
ARMSTRONG AVE SOUTH	CITY LIMIT S/O E HOGAN AVE	N CITY LIMIT	ARMSTRONG	0100	750	43	32,250	C	AC		96	84	90	\$20,324	20,629	SLURRY SEAL+CRACK SEAL
BOORNAZIAN AVE	JONNA AVE NORTH	GLEASON AVE NORTH	BOORNAZ	0100	946	36	34,056	R	AC		94	82	89	\$20,333	17,162	SLURRY SEAL+CRACK SEAL
CLAYTON AVE EAST	ARMSTONG AVE SOUTH	1,328' E/O ARMSTONG AVE SOUTH	CLAYTON E	0100	1,328	30	39,840	C	AC		96	83	90	\$25,107	20,644	SLURRY SEAL+CRACK SEAL
DEE ANNE AVE	SKYLAR AVE	CLAYTON AVE EAST	DEEANN	0200	154	60	9,240	R	AC		94	82	89	\$5,517	17,134	SLURRY SEAL+CRACK SEAL
GLEASON AVE NORTH	LORENE AVE	AHRONIAN AVE	GLEASON N	0200	273	36	9,828	R	AC		94	82	89	\$5,868	17,166	SLURRY SEAL+CRACK SEAL



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
HOGAN AVE	CHRISTOPHER ST	JONNA AVE NORTH	HOGAN	0100	284	36	10,224	R	AC		94	82	89	\$6,104	17,131	SLURRY SEAL+CRACK SEAL
JONNA AVE NORTH	HEIDI AVE	BOORNAZIAN AVE	JONNA	0200	330	36	11,880	R	AC		94	82	89	\$7,093	17,131	SLURRY SEAL+CRACK SEAL
JONNA AVE NORTH	ARETHA AVE	SKYLAR AVE	JONNA	0300	328	36	11,808	R	AC		94	82	89	\$7,050	17,131	SLURRY SEAL+CRACK SEAL
NELSON AVE EAST	4TH ST SOUTH	LAKER LN	NELSON E	0200	862	30	25,860	R	AC		94	82	89	\$15,440	17,128	SLURRY SEAL+CRACK SEAL
SKYLAR AVE	GLEASON AVE NORTH	JONNA AVE NORTH	SKYLAR	0100	968	36	34,848	R	AC		94	82	89	\$20,806	17,159	SLURRY SEAL+CRACK SEAL
TEMPERANCE AVE SOUTH	ADAMS AVE EAST	166' N/O GOBLE AVE	TEMPERANCE	0600	797	41	32,677	R	AC		94	82	89	\$19,510	17,128	SLURRY SEAL+CRACK SEAL
VINEYARD PL	MANNING AVE EAST	SAN ANTONIO AVE	VINEYARD	0100	1,032	40	41,280	R	AC		55	69	78	\$24,646	24,816	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$223,171			
SIXTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	6TH	0300	444	53	23,532	R	AC		74	75	77	\$115	650,231	SEAL CRACKS
SIXTH ST NORTH	MERCED ST EAST	TOULUMNE ST EAST	6TH N	0100	436	53	23,108	R	AC		75	75	78	\$109	653,823	SEAL CRACKS
SIXTH ST NORTH	BONITA AVE	NORTH END	6TH N	0500	660	36	23,760	R	AC		70	71	74	\$132	605,277	SEAL CRACKS
EIGHTH ST NORTH	ADAMS AVE EAST	END NORTH	8TH N	0400	1,248	34	42,432	C	AC		55	84	86	\$83	1,180,982	SEAL CRACKS
ADAMS AVE EAST	VISTA AVE	MAIN ST E	ADAMS E	0600	360	48	17,280	C	AC		56	84	86	\$34	1,180,982	SEAL CRACKS
ADAMS AVE EAST	TEMPERANCE AVE S	CITY LIMIT EAST	ADAMS E	0900	1,320	40	52,800	C	AC		74	84	86	\$104	1,180,982	SEAL CRACKS
BEDROIAN AVE	RYAN AVE	MARC AVE	BEDROSIAN	0100	310	36	11,160	R	AC		87	83	84	\$34	683,695	SEAL CRACKS
BIRCH CT	MAPLE AVE	NORTH CDS	BIRCHCT	0100	162	36	5,832	R	AC		76	76	78	\$27	667,277	SEAL CRACKS
BONITA CDS WEST	CDS SOUTH	BONITA AVE EAST	BONITACDS	0100	160	36	5,760	R	AC		69	70	73	\$33	589,145	SEAL CRACKS
BOUSIAN AVE	CLARA AVE	SOUTH AVE	BOUSIAN	0100	162	37	5,994	R	AC		64	73	75	\$32	625,769	SEAL CRACKS
CITRUS AVE	SOUTH AVE	FRESNO AVE	CITRUS	0200	711	36	25,596	R	AC		77	77	79	\$112	670,702	SEAL CRACKS
CLARA AVE	SANDY AVE	HILL AVE	CLARA	0100	697	36	25,092	R	AC		78	78	80	\$106	679,227	SEAL CRACKS
CLARA CT	WEST CDS	SAND AVE	CLARACT	0100	340	36	12,240	R	AC		78	78	80	\$52	679,227	SEAL CRACKS
DUKE CT E	MADISON AVE SOUTH	EAST CDS	DUKE	0100	414	37	15,318	R	AC		75	75	78	\$72	653,823	SEAL CRACKS
ELIZABETH AVE	SUNNYSIDE AVE SOUTH	BEDROSIAN AVE	ELIZABETH	0100	153	36	5,508	R	AC		87	83	84	\$17	683,715	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
FOWLER AVE SOUTH	SOUTH AVE EAST	FRESNO ST WEST	FOWLER S	0100	1,563	38	59,394	R	AC		88	84	85	\$162	669,828	SEAL CRACKS
FRESNO ST WEST	STANFORD AV SOUTH	FOWLER AV SOUTH	FRESNO W	0100	1,567	54	84,618	A	AC		74	84	86	\$162	1,707,856	SEAL CRACKS
GOLDEN STATE BLVD	TEMPERANCE DR	GEE ST	GOLDEN NB	0600	916	30	27,480	A	AC		16	84	85	\$77	992,692	SEAL CRACKS
GOLDEN STATE BLVD	GEE ST	SOUTH ST EAST	GOLDEN NB	0700	2,148	36	77,328	A	AC		1	84	85	\$216	992,692	SEAL CRACKS
GOLDEN STATE BLVD	SOUTH ST EAST	PEACH ST	GOLDEN NB	0800	1,909	37	70,633	A	AC		6	84	85	\$197	992,692	SEAL CRACKS
GROVE ST NORTH	ADAMS AVE EAST	LA CROSSE AVE EAST	GROVE	0100	315	24	7,560	R	AC		69	70	73	\$43	589,202	SEAL CRACKS
HARRIS AVE SOUTH	919' N/O SOUTH AVE EAST	MOTT AVE EAST	HARRIS S	0200	842	36	30,312	C	AC		54	84	86	\$60	1,180,982	SEAL CRACKS
JAMES AVE SOUTH	WALTER AVE EAST	KATHERINE AVE EAST	JAMES S	0100	150	40	6,000	R	AC		82	80	82	\$22	692,091	SEAL CRACKS
KATHERINE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	KATHERINE	0100	984	37	36,408	R	AC		65	74	76	\$185	632,755	SEAL CRACKS
LA CROSSE AVE EAST	GROVE AVE NORTH	6TH ST NORTH	LACROSSE E	0100	335	36	12,060	R	AC		69	70	73	\$69	589,202	SEAL CRACKS
LAKER LN	RUBY AVE	SUMNER AVE	LAKER	0100	520	36	18,720	R	AC		64	73	75	\$98	626,810	SEAL CRACKS
LEWIS CT EAST	WEST CDS	OLIVIA AVE SOUTH	LEWISCT	0100	486	37	17,982	R	AC		69	70	73	\$103	588,112	SEAL CRACKS
MADISON AVE SOUTH	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	MADISON	0100	590	37	21,830	R	AC		70	71	74	\$121	606,382	SEAL CRACKS
MAPLE AVE	SUNNY SIDE AVE SOUTH	SPUCE AVE	MAPLE	0100	505	36	18,180	R	AC		87	83	84	\$55	683,715	SEAL CRACKS
MAPLE AVE	STANFORD AVE SOUTH	PALM CT	MAPLE	0300	803	37	29,711	R	AC		70	71	74	\$165	605,277	SEAL CRACKS
MARIPOSA AVE EAST	7TH ST NORTH	5TH ST NORTH	MARIPOSA E	0200	762	52	39,624	A	AC		80	76	78	\$185	957,801	SEAL CRACKS
MERCED ST EAST	7TH ST SOUTH	5TH ST SOUTH	MERCED E	0200	815	52	42,380	C	AC		89	83	85	\$124	822,401	SEAL CRACKS
MERCED ST EAST	5TH ST SOUTH	1ST ST SOUTH	MERCED E	0300	1,612	52	83,824	C	AC		81	77	79	\$370	691,836	SEAL CRACKS
MERCED ST WEST	I-99 OFF RAMP NB	GOLDEN STATE BLVE	MERCED W	0200	1,220	52	63,440	A	AC		85	79	80	\$254	1,006,536	SEAL CRACKS
MICHELLE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	MICHELLE E	0100	1,003	37	37,111	R	AC		88	84	85	\$102	671,053	SEAL CRACKS
MODESTO ST EAST	7TH ST NORTH	5TH ST NORTH	MODESTO E	0100	770	52	40,040	R	AC		69	70	73	\$228	588,112	SEAL CRACKS
OAK CT	ASPEN AVE	EAST CDS	OAKCT	0100	392	37	14,504	R	AC		69	70	73	\$83	588,112	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
OLIVIA AVE SOUTH	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	OLIVIA S	0100	516	37	19,092	R	AC		65	74	76	\$97	633,056	SEAL CRACKS
PALM AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	PALM	0100	503	36	18,108	R	AC		75	75	78	\$86	653,823	SEAL CRACKS
PALM AVE	ASPEN AVE	EAST CDS	PALM	0200	410	37	15,170	R	AC		76	76	78	\$69	667,198	SEAL CRACKS
RANDY AVE	SIMONIAN AVE	HILL AVE	RANDY	0100	628	36	22,608	R	AC		74	75	77	\$110	649,930	SEAL CRACKS
RUBY AVE	LAKER LN	SALLY ST	RUBY	0100	440	36	15,840	R	AC		64	73	75	\$83	626,810	SEAL CRACKS
RYAN AVE	BEDROSIAN AVE	HILL AVE	RYAN	0100	970	36	34,920	R	AC		88	84	85	\$96	671,053	SEAL CRACKS
SAN ANTONIO DR	VINEYARD PL	GOLDEN STATE BLVE	SANANTONIO	0100	1,113	41	45,633	R	AC		68	70	72	\$266	581,148	SEAL CRACKS
SANDY AVE	MARC AVE	CLARK	SANDY	0100	249	36	8,964	R	AC		87	83	84	\$27	683,509	SEAL CRACKS
SEQUOIA AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	SEQUOIA	0100	483	36	17,388	R	AC		68	70	72	\$102	581,148	SEAL CRACKS
SOUTH AVE EAST	FOWLER AVE SOUTH	BURGAN AVE SOUTH	SOUTH E	0300	1,322	14	18,508	R	AC		69	70	73	\$106	588,112	SEAL CRACKS
STANDFORD AVE SOUTH	SOUTH END	MAPLE AVE	STANDFORD S	0200	160	37	5,920	R	AC		76	76	78	\$27	667,899	SEAL CRACKS
TEMPERANCE AVE SOUTH	VALLEY DR	PARLIER AVE EAST	TEMPERANCE	0200	1,411	42	59,262	R	AC		68	70	72	\$346	581,148	SEAL CRACKS
TUOLUMNE ST WEST	CDS WEST	10TH ST NORTH	TUOLUMNE W	0100	248	21	5,208	R	AC		80	79	81	\$21	685,553	SEAL CRACKS
TUOLUMNE ST WEST	10TH ST NORTH	8TH ST NORTH	TUOLUMNE W	0200	764	48	36,672	R	AC		70	71	74	\$203	606,382	SEAL CRACKS
VIOLET AVE	LAKER LN	SALLY ST	VIOLET	0100	407	36	14,652	R	AC		65	74	76	\$75	633,056	SEAL CRACKS
WILLOW CT	MAPLE AVE	CDS NORTH	WILLOWCT	0100	156	36	5,616	R	AC		79	78	80	\$23	683,633	SEAL CRACKS
Treatment Total													\$5,880			
TENTH ST NORTH	TUOLUMNE ST WEST	NORTH CDS	10TH N	0200	1,072	26	27,872	R	AC		31	12	100	\$173,799	7,914	RECONSTRUCT STRUCTURE (AC)
FIRST ST NORTH	MERCED ST EAST	ADAMS AVE EAST	1ST N	0100	132	37	4,884	R	AC		39	22	100	\$30,455	7,914	RECONSTRUCT STRUCTURE (AC)
FIRST ST SOUTH	MAIN ST EAST	MERCED ST EAST	1ST S	0100	440	37	16,280	R	AC		15	0	100	\$101,516	7,914	RECONSTRUCT STRUCTURE (AC)
SECOND ST SOUTH	FRESNO ST EAST	MERCED ST EAST	2ND S	0100	950	52	49,400	R	AC		39	22	100	\$308,039	7,914	RECONSTRUCT STRUCTURE (AC)
FOURTH ST SOUTH	VINE ST EAST	MAIN ST EAST	4TH	0100	1,364	53	72,292	R	AC		15	0	100	\$450,785	7,914	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
FOURTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	4TH	0200	444	53	23,532	R	AC		39	21	100	\$146,737	7,914	RECONSTRUCT STRUCTURE (AC)
FOURTH ST NORTH	EL CROSSE AVE EAST	CURTIS AVE EAST	4TH N	0400	686	36	24,696	R	AC		32	13	100	\$153,995	7,914	RECONSTRUCT STRUCTURE (AC)
SIXTH ST SOUTH	PEACH ST EAST	VINE ST EAST	6TH	0100	949	53	50,297	R	AC		36	18	100	\$313,633	7,914	RECONSTRUCT STRUCTURE (AC)
SIXTH ST NORTH	ADAMS AVE EAST	BONITA AVE	6TH N	0300	665	36	23,940	R	AC		18	0	100	\$149,281	7,914	RECONSTRUCT STRUCTURE (AC)
SEVENTH ST SOUTH	PEACH ST EAST	TULARE ST EAST	7TH	0100	499	53	26,447	R	AC		41	24	100	\$164,914	7,914	RECONSTRUCT STRUCTURE (AC)
ASPEN AVE	MAPLE AVE	SEQUOIA CT	ASPEN	0100	316	37	11,692	R	AC		36	18	100	\$72,907	7,914	RECONSTRUCT STRUCTURE (AC)
											Treatment Total			\$2,066,061		
Year 2025 Area Total											2,223,151	Year 2025 Total		\$2,347,556		

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
JAMESON DR	LAKER LN	CHRISTOPHER CT	JAMESON	0100	417	36	15,012	R	AC		57	69	78	\$18,463	12,284	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MAGNOLIA AVE	PALM CT	SUMNER AVE EAST	MAGNOLIA	0100	166	37	6,142	R	AC		57	69	78	\$7,554	12,267	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$26,017		
FIFTH ST SOUTH	MAIN ST EAST	MERCED ST EAST	5TH	0300	459	53	24,327	C	AC		50	81	88	\$15,791	20,943	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	ADAMS AVE EAST	460' N/O ADAMS EAST	GOLDEN NB	1300	460	38	17,480	A	AC		69	81	88	\$11,944	28,586	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	460' N/O ADAMS AVE EAST	ADAMS AVE EAST	GOLDEN SB	0200	460	40	18,400	A	AC		67	81	88	\$12,573	28,586	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	MERCED ST	VINE ST	GOLDEN SB	0500	1,488	37	55,056	A	AC		44	81	88	\$37,618	28,586	SLURRY SEAL+CRACK SEAL
HARRIS CT	5TH ST SOUTH	END CDS	HARRIS	0100	288	36	10,368	R	AC		57	69	78	\$6,376	24,568	SLURRY SEAL+CRACK SEAL
MAIN ST WEST	10TH ST WEST	8TH ST WEST	MAIN W	0100	750	52	39,000	A	AC		48	81	88	\$26,648	28,586	SLURRY SEAL+CRACK SEAL
MANNING AVE EAST	I-99 NB ONRAMP	VINEYARD PL	MANNING E	0200	690	72	49,680	A	AC		49	81	88	\$33,945	28,586	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
MARIPOSA AVE EAST	GOLDEN STATE BLVD	7TH ST NORTH	MARIPOSA E	0100	322	50	16,100	A	AC		44	81	88	\$11,001	28,586	SLURRY SEAL+CRACK SEAL
MARIPOSA AVE EAST	7TH ST NORTH	5TH ST NORTH	MARIPOSA E	0200	762	52	39,624	A	AC		80	76	84	\$27,074	25,318	SLURRY SEAL+CRACK SEAL
MARIPOSA AVE EAST	4TH ST	ADAMS AVE EAST	MARIPOSA E	0300	279	52	14,508	A	AC		44	81	88	\$9,913	28,586	SLURRY SEAL+CRACK SEAL
MERCED ST WEST	I-99 OFF RAMP SB	I-99 OFF RAMP NB	MERCED W	0100	380	60	22,800	A	AC		48	81	88	\$15,579	28,586	SLURRY SEAL+CRACK SEAL
											Treatment Total		\$208,462			
TENTH ST NORTH	MERCED ST WEST	TOULUMNE ST WEST	10TH N	0100	466	52	24,232	R	AC		78	76	79	\$112	649,662	SEAL CRACKS
THIRD ST SOUTH	FRESNO ST EAST	MAIN ST EAST	3RD S	0100	440	52	22,880	R	AC		81	79	80	\$94	664,417	SEAL CRACKS
EIGHTH ST NORTH	MERCEND ST WEST	TOULEMNE ST WEST	8TH N	0100	458	46	21,068	C	AC		59	84	86	\$43	1,146,584	SEAL CRACKS
ASPEN AVE	SEQUIA CT	PALM AVE	ASPEN	0200	651	37	24,087	R	AC		71	71	73	\$140	576,557	SEAL CRACKS
BONITA AVE WEST	WEST END	8TH ST WEST	BONITA W	0100	590	20	11,800	R	AC		1	84	85	\$34	650,117	SEAL CRACKS
CURTIS AVE	CARTER AVE	6TH ST NORTH	CURTIS	0100	816	36	29,376	R	AC		90	84	85	\$87	660,858	SEAL CRACKS
FOWLER AVE SOUTH	FRESNO ST WEST	MERCED ST WEST	FOWLER S	0200	957	40	38,280	R	AC		78	76	79	\$176	649,662	SEAL CRACKS
FRESNO ST WEST	CDS WEST	8TH ST SOUTH	FRESNO W	0200	1,105	52	57,460	A	AC		94	83	84	\$181	996,881	SEAL CRACKS
GLEASON AVE NORTH	GLEASON AVE EAST	LORENE AVE	GLEASON N	0100	580	36	20,880	R	AC		90	84	85	\$62	661,047	SEAL CRACKS
GOBLE AVE	JONNA AVE NORTH	TEMPERANCE AVE	GOBLE	0100	1,131	36	40,716	R	AC		80	78	80	\$174	662,684	SEAL CRACKS
GOLDEN STATE BLVD	VINE ST	MERCED ST	GOLDEN NB	1000	1,488	38	56,544	A	AC		34	84	85	\$163	963,778	SEAL CRACKS
GOLDEN STATE BLVD	MERCED ST	MARIPOSA ST	GOLDEN NB	1100	947	40	37,880	A	AC		9	84	85	\$109	963,778	SEAL CRACKS
GOLDEN STATE BLVD	MAQRIPOSA ST	ADAMS AVE EAST	GOLDEN NB	1200	1,730	37	64,010	A	AC		13	84	85	\$184	963,778	SEAL CRACKS
GOLDEN STATE BLVD	460' N/O ADAMS AVE EAST	CITY LIMIT NORTH	GOLDEN NB	1400	1,375	36	49,500	A	AC		2	84	85	\$143	963,778	SEAL CRACKS
GOLDEN STATE BLVD	MARIPOSA ST	MERCED ST	GOLDEN SB	0400	947	40	37,880	A	AC		8	84	85	\$109	963,778	SEAL CRACKS
JAMES AVE SOUTH	MICHELLE AVE EAST	ADAMS AVE EAST	JAMES S	0200	159	40	6,360	R	AC		90	84	85	\$19	660,851	SEAL CRACKS
JONNA AVE NORTH	GLEASON AVE EAST	AHRONIAN AVE	JONNA	0100	873	36	31,428	R	AC		81	79	80	\$129	664,529	SEAL CRACKS
MARC AVE	BEDROSIAN AVE	HILL AVE	MARC	0100	959	36	34,524	R	AC		79	77	79	\$153	652,442	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2026

Year: 2026												Treatment		Cost	Rating	Treatment	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	PCI Before	PCI After				
OLIVIA AVE SOUTH	516' N/O KATHERINE ST EAST	MICHELLE AVE EAST	OLIVIA S	0200	437	37	16,169	R	AC		90	84	85	\$48	660,851	SEAL CRACKS	
PALM CT	FRESNO ST WEST	NORTH CDS	PALMCT	0100	820	37	30,340	R	AC		81	79	80	\$125	664,417	SEAL CRACKS	
SIMONIAN AVE	RANDY AVE	RYAN AVE	SIMONIAN	100	361	36	12,996	R	AC		81	79	80	\$54	664,417	SEAL CRACKS	
SPRUCE ACE	MAPLE AVE	PALM	SPRUCE	0100	955	36	34,380	R	AC		71	71	73	\$200	577,536	SEAL CRACKS	
SUMNER AVE E	CITY LIMIT WEST	MANGNOLIA AVE	SUMNER	0300	1,020	46	46,920	R	AC		81	79	80	\$193	664,417	SEAL CRACKS	
SUNNYSIDE AVE SOUTH	SOUTH END	SUMNER AVE EAST	SUNNYSIDE	0200	1,310	24	31,440	R	AC		90	84	85	\$93	660,851	SEAL CRACKS	
SUNNYSIDE AVE SOUTH	SUMNER AVE EAST	NORTH END	SUNNYSIDE	0300	1,333	24	31,992	R	AC		90	84	85	\$95	660,851	SEAL CRACKS	
TAMI CT EAST	MADISON AVE SOUTH	EAST CDS	TAMI E	0100	415	37	15,355	R	AC		90	84	85	\$46	661,047	SEAL CRACKS	
WALTER AVE WEST	SUNNYSIDE AVE EAST	JAMESON AVE WEST	WALTER W	0100	1,007	36	36,252	R	AC		90	84	85	\$108	660,851	SEAL CRACKS	
												Treatment Total		\$3,074			
THIRD ST SOUTH	MAIN ST EAST	MERCED ST EAST	3RD S	0200	442	52	22,984	R	AC		43	23	100	\$147,619	7,683	RECONSTRUCT STRUCTURE (AC)	
SIXTH ST NORTH	TOULUMNE ST EAST	ADAMS AVE EAST	6TH N	0200	1,430	53	75,790	R	AC		41	22	100	\$486,775	7,683	RECONSTRUCT STRUCTURE (AC)	
SEVENTH ST SOUTH	TULARE ST EAST	VINE ST EAST	7TH	0200	470	53	24,910	R	AC		28	4	100	\$159,989	7,683	RECONSTRUCT STRUCTURE (AC)	
SEVENTH ST SOUTH	VINE ST EAST	FRESNO ST EAST	7TH	0300	473	53	25,069	R	AC		28	4	100	\$161,011	7,683	RECONSTRUCT STRUCTURE (AC)	
SEVENTH ST SOUTH	FRESNO ST EAST	MERCED ST EAST	7TH	0400	948	53	50,244	R	AC		40	19	100	\$322,701	7,683	RECONSTRUCT STRUCTURE (AC)	
SEVENTH ST NORTH	MERCED ST EAST	MODESTO ST EAST	7TH N	0100	1,417	53	75,101	R	AC		26	1	100	\$482,350	7,683	RECONSTRUCT STRUCTURE (AC)	
SEVENTH ST NORTH	MODESTO ST EAST	ADAMS AVE EAST	7TH N	0200	830	53	43,990	R	AC		27	3	100	\$282,534	7,683	RECONSTRUCT STRUCTURE (AC)	
VISTA AVE	MAIN ST EAST	ADAMS AVE EAST	VISTA	0100	288	36	10,368	R	AC		36	15	100	\$66,591	7,683	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$2,109,570			
Year 2026 Area Total										1,521,702		Year 2026 Total		\$2,347,123			

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BONITA CDS EAST	SOUTH CDS	BONITA AVE EAST	BONITACDS	0200	178	32	5,696	R	AC		60	44	60	\$9,421	6,645	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
SEQUOIA AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	SEQUOIA	0100	483	36	17,388	R	AC		68	69	78	\$22,027	9,263	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
STANLEY CT	CDS SOUTH	WALNUT DR SOUTH	STANLEYC	0100	146	36	5,256	R	AC		59	43	59	\$8,693	6,539	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
TEMPERANCE AVE SOUTH	VALLEY DR	PARLIER AVE EAST	TEMPERAN CE	0200	1,411	42	59,262	R	AC		68	69	78	\$75,072	9,263	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
Treatment Total														\$115,213		
DUKE CT E	MADISON AVE SOUTH	EAST CDS	DUKE	0100	414	37	15,318	R	AC		75	74	83	\$9,703	18,653	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	CITY LIMT SOUTH	SAN ANTONIO DR	GOLDEN NB	0100	1,265	30	37,950	A	AC		7	79	87	\$26,708	23,761	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	SAN ANTONIO DR	MANNING AVE EAST	GOLDEN NB	0200	810	40	32,400	A	AC		4	79	87	\$22,802	23,761	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	MANNING AVE EAST	VALLEY DR	GOLDEN NB	0300	1,620	36	58,320	A	AC		10	79	87	\$41,044	23,761	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	VALLEY DR	RPM DR	GOLDEN NB	0400	1,220	36	43,920	A	AC		6	79	87	\$30,910	23,761	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	RPM DR	TEMPERANCE DR	GOLDEN NB	0500	1,228	36	44,208	A	AC		1	79	87	\$31,112	23,761	SLURRY SEAL+CRACK SEAL
MERCED ST WEST	I-99 OFF RAMP NB	GOLDEN STATE BLVE	MERCED W	0200	1,220	52	63,440	A	AC		85	76	84	\$44,647	24,515	SLURRY SEAL+CRACK SEAL
SAN ANTONIO DR	VINEYARD PL	GOLDEN STATE BLVE	SANANTONI O	0100	1,113	41	45,633	R	AC		68	69	78	\$28,904	18,525	SLURRY SEAL+CRACK SEAL
Treatment Total														\$235,830		
FOURTH ST NORTH	TOULUMNE ST EAST	ADAMS AVE EAST	4TH N	0200	714	52	37,128	R	AC		82	78	80	\$161	644,043	SEAL CRACKS
BONITA WY	7TH ST NORTH	BONITA AVE	BONITA	0100	157	36	5,652	R	AC		61	73	76	\$31	807,864	SEAL CRACKS
BOORNAZIAN AVE	TEMPERANCE AVE SOUTH	GLEASON AVE NORTH	BOORNAZ	0200	170	60	10,200	R	AC		86	81	82	\$39	652,735	SEAL CRACKS
CARTER AVE	CDS	6TH ST NORTH	CARTER	0100	1,227	36	44,172	R	AC		63	71	74	\$261	567,492	SEAL CRACKS
DEE ANNE AVE	ADAMS AVE EAST	GLEASON AVE EAST	DEEANN	0100	299	36	10,764	R	AC		91	83	84	\$35	644,552	SEAL CRACKS
DUSTIN WY	LAKER LN	CHRISTOPHOR CT	DUSTIN	0100	381	36	13,716	R	AC		61	73	76	\$75	807,864	SEAL CRACKS
ESRAELIAN AVE	DUSTIN AVE WEST	JAMESON AVE WEST	ESRAELIAN	0100	354	36	12,744	R	AC		93	84	85	\$39	640,286	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
FLOYD CT EAST	WEST CDS	OLIVIA AVE SOUTH	FLOYD	0100	490	37	18,130	R	AC		92	84	85	\$56	641,396	SEAL CRACKS
FRESNO ST EAST	4TH ST SOUTH	2ND ST SOUTH	FRESNO E	0200	765	52	39,780	R	AC		73	71	74	\$235	566,730	SEAL CRACKS
GLEASON AVE EAST	JONNA AVE NORTH	GLEASON AVE NORTH	GLEASONE	0100	881	36	31,716	R	AC		85	80	82	\$123	652,242	SEAL CRACKS
GOLDEN STATE BLVD	CITY LIMIT SOUTH	460' N/O ADAMS AVE EAST	GOLDEN SB	0100	1,375	36	49,500	A	AC		17	84	85	\$147	935,707	SEAL CRACKS
GOLDEN STATE BLVD	ADAMS AVE EAST	MARIPOSA ST	GOLDEN SB	0300	1,730	36	62,280	A	AC		13	84	85	\$185	935,707	SEAL CRACKS
GOLDEN STATE BLVD	VINE ST	PEACH ST	GOLDEN SB	0600	989	36	35,604	A	AC		26	84	85	\$106	935,707	SEAL CRACKS
GOLDEN STATE BLVD	PEACH ST	SOUTH ST EAST	GOLDEN SB	0700	1,909	36	68,724	A	AC		24	84	85	\$204	935,707	SEAL CRACKS
GOLDEN STATE BLVD	SOUTH ST WEST	WIDTH CHANGE	GOLDEN SB	0800	1,575	37	58,275	A	AC		36	84	85	\$173	935,707	SEAL CRACKS
HILL AVE	RANDY AVE	CLARA AVE	HILL	0100	990	36	35,640	R	AC		82	78	80	\$154	644,043	SEAL CRACKS
LORENE AVE	JONNA AVE NORTH	GLEASON AVE EAST	LORENE	0100	987	36	35,532	R	AC		93	84	85	\$107	640,093	SEAL CRACKS
MERCED ST EAST	GOLDEN STAD BLVD	7 ST SOUTH	MERCED E	0100	324	40	12,960	C	AC		94	84	86	\$37	799,019	SEAL CRACKS
MERCED ST EAST	1ST ST SOUTH	ADAMS AVE EAST	MERCED E	0400	187	46	8,602	C	AC		94	84	86	\$25	799,019	SEAL CRACKS
RANDY CT	RANDY AVE	NORHT CDS	RANDYCT	0100	161	36	5,796	R	AC		85	80	82	\$23	652,213	SEAL CRACKS
SOUTH AVE EAST	WEST CITY LIMIT	STANFORD AVE SOUTH	SOUTH E	0100	1,341	43	57,663	C	AC		88	79	81	\$232	712,593	SEAL CRACKS
SOUTH AVE EAST	WEST CDS	GOLDEN STATE BLVD	SOUTH E	0400	899	40	35,960	R	AC		62	74	77	\$188	839,011	SEAL CRACKS
SUMNER AVE E	MAGNOLIA AVE	SUMNER AVE NORTH	SUMNER	0400	370	40	14,800	R	AC		85	80	82	\$58	652,213	SEAL CRACKS
SUNNYSIDE AVE SOUTH	SOUTH END	SOUTH AVE EAST	SUNNYSIDE	0100	1,328	36	47,808	R	AC		81	78	80	\$214	639,147	SEAL CRACKS
TEMPERANCE AVE SOUTH	PARLIER AVE EAST	GOLDEN STATE BLVD	TEMPERAN CE	0300	432	42	18,144	R	AC		84	80	81	\$73	651,738	SEAL CRACKS
TEMPERANCE AVE SOUTH	CLAYTON AVE EAST	CITY LIMIT NORTH	TEMPERAN CE	0900	227	24	5,448	R	AC		85	80	82	\$22	652,245	SEAL CRACKS
WALTER AVE EAST	TEMPERANCE AVE SOUTH	CITY LIMT EAST	WALTER E	0200	1,320	34	44,880	R	AC		63	71	74	\$265	566,578	SEAL CRACKS
												Treatment Total		\$3,268		
FOURTH ST NORTH	WEST END	END	4TH N	0500	528	40	21,120	R	AC		45	23	100	\$139,717	7,459	RECONSTRUCT STRUCTURE (AC)
NINTH ST NORTH	MERCED ST WEST	TOULUMNE ST WEST	9TH N	0100	433	52	22,516	R	AC		45	23	100	\$148,952	7,459	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

23

MTC StreetSaver

Scenarios Criteria:

SS1026



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
CURTIS AVE	WEST END	EAST END	CURTIS	0200	635	36	22,860	R	AC		40	17	100	\$151,228	7,459	RECONSTRUCT STRUCTURE (AC)
FRESNO ST EAST	7TH ST	4TH ST	FRESNO E	0100	1,170	52	60,840	R	AC		22	0	100	\$402,479	7,459	RECONSTRUCT STRUCTURE (AC)
JAMESON AVE WEST	CAREY AVE	W WALTER AVE	JAMESONW	0100	596	36	21,456	R	AC		26	0	100	\$141,940	7,459	RECONSTRUCT STRUCTURE (AC)
LA CROSSE AVE EAST	6TH T NORTH	FOWLER AVE NORTH	LACROSSEE	0200	302	36	10,872	R	AC		45	23	100	\$71,923	7,459	RECONSTRUCT STRUCTURE (AC)
LA CROSSE AVE EAST	4TH ST NORTH	2ND ST NOTH	LACROSSEE	0300	1,066	36	38,376	R	AC		39	14	100	\$253,871	7,459	RECONSTRUCT STRUCTURE (AC)
MAIN ST EAST	7TH ST SOUTH	5TH ST SOUTH	MAIN E	0100	764	53	40,492	R	AC		12	0	100	\$267,869	7,459	RECONSTRUCT STRUCTURE (AC)
MAIN ST EAST	5TH ST SOUTH	2ND ST SOUTH	MAIN E	0200	1,190	53	63,070	R	AC		22	0	100	\$417,231	7,459	RECONSTRUCT STRUCTURE (AC)
											Treatment Total			\$1,995,210		
Year 2027 Area Total											1,552,011	Year 2027 Total		\$2,349,521		

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
MADISON AVE SOUTH	KATHERINE ST EAST	590' N/O KATHERINE ST EAST	MADISON	0100	590	37	21,830	R	AC		70	69	78	\$28,484	8,990	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
MAPLE AVE	STANFORD AVE SOUTH	PALM CT	MAPLE	0300	803	37	29,711	R	AC		70	69	78	\$38,767	8,986	SLURRY SEAL+CRACK SEAL+BASE REPAIRS
											Treatment Total			\$67,251		
SIXTH ST NORTH	BONITA AVE	NORTH END	6TH N	0500	660	36	23,760	R	AC		70	69	78	\$15,501	17,973	SLURRY SEAL+CRACK SEAL
ADAMS AVE EAST	WEST CITY LIMITS	GOLDEN STATE BLVD	ADAMS E	0100	1,060	40	42,400	C	AC		45	77	85	\$29,198	21,673	SLURRY SEAL+CRACK SEAL
BONITA WY	7TH ST NORTH	BONITA AVE	BONITA	0100	157	36	5,652	R	AC		61	75	83	\$3,688	26,218	SLURRY SEAL+CRACK SEAL
BONITA CDS WEST	CDS SOUTH	BONITA AVE EAST	BONITACDS	0100	160	36	5,760	R	AC		69	68	77	\$3,758	17,919	SLURRY SEAL+CRACK SEAL
DUSTIN WY	LAKER LN	CHRISTOPHOR CT	DUSTIN	0100	381	36	13,716	R	AC		61	75	83	\$8,949	26,218	SLURRY SEAL+CRACK SEAL
FRESNO ST WEST	STANFORD AV SOUTH	FOWLER AV SOUTH	FRESNO W	0100	1,567	54	84,618	A	AC		74	81	88	\$61,338	26,945	SLURRY SEAL+CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
GOLDEN STATE BLVD	TEMPERANCE DR	GEE ST	GOLDEN NB	0600	916	30	27,480	A	AC		16	79	87	\$19,920	23,069	SLURRY SEAL+CRACK SEAL
GOLDEN STATE BLVD	GEE ST	SOUTH ST EAST	GOLDEN NB	0700	2,148	36	77,328	A	AC		1	79	87	\$56,054	23,069	SLURRY SEAL+CRACK SEAL
GROVE ST NORTH	ADAMS AVE EAST	LA CROSSE AVE EAST	GROVE	0100	315	24	7,560	R	AC		69	68	77	\$4,933	17,919	SLURRY SEAL+CRACK SEAL
LA CROSSE AVE EAST	GROVE AVE NORTH	6TH ST NORTH	LACROSSE E	0100	335	36	12,060	R	AC		69	68	77	\$7,868	17,919	SLURRY SEAL+CRACK SEAL
LEWIS CT EAST	WEST CDS	OLIVIA AVE SOUTH	LEWISCT	0100	486	37	17,982	R	AC		69	68	77	\$11,732	17,917	SLURRY SEAL+CRACK SEAL
MANNING AVE EAST	TEMPERANCE AVE SOUTH	I-99 SB ONRAMP	MANNING E	0100	386	40	15,440	A	AC		4	77	85	\$11,193	23,727	SLURRY SEAL+CRACK SEAL
MODESTO ST EAST	7TH ST NORTH	5TH ST NORTH	MODESTO E	0100	770	52	40,040	R	AC		69	68	77	\$26,122	17,917	SLURRY SEAL+CRACK SEAL
OAK CT	ASPEN AVE	EAST CDS	OAKCT	0100	392	37	14,504	R	AC		69	68	77	\$9,463	17,917	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	FOWLER AVE SOUTH	BURGAN AVE SOUTH	SOUTH E	0300	1,322	14	18,508	R	AC		69	68	77	\$12,075	17,917	SLURRY SEAL+CRACK SEAL
SOUTH AVE EAST	WEST CDS	GOLDEN STATE BLVD	SOUTH E	0400	899	40	35,960	R	AC		62	75	84	\$23,460	26,767	SLURRY SEAL+CRACK SEAL
TUOLUMNE ST WEST	10TH ST NORTH	8TH ST NORTH	TOULUMNE W	0200	764	48	36,672	R	AC		70	69	78	\$23,925	17,980	SLURRY SEAL+CRACK SEAL
											Treatment Total			\$329,177		
TENTH ST SOUTH	FRESNO ST WEST	669' N/O FRESNO ST WEST	10TH S	0100	669	52	34,788	R	AC		94	83	84	\$113	625,331	SEAL CRACKS
AHRONIAN AVE	JONNA AVE NORTH	TEMPERANCE AVE NORTH	AHRONIAN	0100	1,149	36	41,364	R	AC		94	84	85	\$128	621,702	SEAL CRACKS
ARETHA AVE	JONNA AVE NORTH	GLEASON AVE NORTH	ARETHA	0100	936	37	34,632	R	AC		94	84	85	\$107	621,713	SEAL CRACKS
BOORNAZIAN AVE	JONNA AVE NORTH	GLEASON AVE NORTH	BOORNAZ	0100	946	36	34,056	R	AC		94	84	85	\$106	621,863	SEAL CRACKS
BOUSIAN AVE	CLARA AVE	SOUTH AVE	BOUSIAN	0100	162	37	5,994	R	AC		64	70	73	\$38	537,330	SEAL CRACKS
CAREY AVE	DUSTIN AVE WEST	NELSON AVE WEST	CAREY	0100	603	36	21,708	R	AC		93	83	84	\$71	625,819	SEAL CRACKS
CLAYTON AVE EAST	1,328' E/O ARMSTRONG AVE SOUTH	TEMPERANCE AVE SOUTH	CLAYTON E	0200	1,282	30	38,460	C	AC		94	83	85	\$125	747,978	SEAL CRACKS
DEE ANNE AVE	SKYLAR AVE	CLAYTON AVE EAST	DEEANN	0200	154	60	9,240	R	AC		94	84	85	\$29	621,713	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
DUSTIN AVE WEST	SUNNYSIDE AVE SOUTH	ESRAELIAN AVE	DUSTIN W	0100	641	36	23,076	R	AC		93	83	84	\$76	625,660	SEAL CRACKS
FOWLER AVE SOUTH	SOUTH AVE EAST	FRESNO ST WEST	FOWLER S	0100	1,563	38	59,394	R	AC		88	81	82	\$228	633,816	SEAL CRACKS
GLEASON AVE NORTH	LORENE AVE	AHRONIAN AVE	GLEASON N	0200	273	36	9,828	R	AC		94	84	85	\$31	621,880	SEAL CRACKS
GLEASON AVE NORTH	HEIDI AVE	SKYLAR AVE	GLEASON N	0300	985	36	35,460	R	AC		94	83	84	\$116	625,465	SEAL CRACKS
GOLDEN STATE BLVD	WIDTH CHANGE	TEMPERANCE DR SOUTH	GOLDEN SB	0900	1,490	30	44,700	A	AC		22	84	85	\$137	908,453	SEAL CRACKS
GOLDEN STATE BLVD	TEMPERANCE DR SOUTH	RPM DR	GOLDEN SB	1000	1,228	30	36,840	A	AC		21	84	85	\$113	908,453	SEAL CRACKS
GOLDEN STATE BLVD	RPM DR	VALLEY DR	GOLDEN SB	1100	1,220	30	36,600	A	AC		28	84	85	\$112	908,453	SEAL CRACKS
GOLDEN STATE BLVD	VALLEY DR	MANNING AVE EAST	GOLDEN SB	1200	1,620	40	64,800	A	AC		25	84	85	\$198	908,453	SEAL CRACKS
GOLDEN STATE BLVD	MANNING AVE EAST	SAN ANTOINIO DR	GOLDEN SB	1300	810	34	27,540	A	AC		27	84	85	\$84	908,453	SEAL CRACKS
GOLDEN STATE BLVD	SAN ANTONIO DR	CITY LIMIT SOUTH	GOLDEN SB	1400	1,265	30	37,950	A	AC		34	84	85	\$116	908,453	SEAL CRACKS
HEIDI AVE	JONNA AVE NORTH	GLEASON AVE NORTH	HEIDI	0100	955	37	35,335	R	AC		93	83	84	\$116	625,643	SEAL CRACKS
HOGAN AVE	CHRISTOPHER ST	JONNA AVE NORTH	HOGAN	0100	284	36	10,224	R	AC		94	84	85	\$32	621,698	SEAL CRACKS
JONNA AVE NORTH	HEIDI AVE	BOORNAZIAN AVE	JONNA	0200	330	36	11,880	R	AC		94	84	85	\$37	621,698	SEAL CRACKS
JONNA AVE NORTH	ARETHA AVE	SKYLAR AVE	JONNA	0300	328	36	11,808	R	AC		94	84	85	\$37	621,698	SEAL CRACKS
KATHERINE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	KATHERINE	0100	984	37	36,408	R	AC		65	71	74	\$221	551,024	SEAL CRACKS
LAKER LN	RUBY AVE	SUMNER AVE	LAKER	0100	520	36	18,720	R	AC		64	70	73	\$117	538,187	SEAL CRACKS
MADISON AVE SOUTH	590' N/O KATHERINE ST EAST	MICHELLE AVE EAST	MADISON S	0200	355	37	13,135	R	AC		93	83	84	\$43	625,643	SEAL CRACKS
MICHELLE AVE EAST	MADISON AVE SOUTH	OLIVIA AVE SOUTH	MICHELLE E	0100	1,003	37	37,111	R	AC		88	81	82	\$143	633,788	SEAL CRACKS
NELSON AVE EAST	4TH ST SOUTH	LAKER LN	NELSON E	0100	862	30	25,860	R	AC		94	83	84	\$84	625,331	SEAL CRACKS
NELSON AVE EAST	4TH ST SOUTH	LAKER LN	NELSON E	0200	862	30	25,860	R	AC		94	84	85	\$80	621,683	SEAL CRACKS
NELSON AVE WEST	SUNNYSIDE AVE SOUTH	WALTER AVE WEST	NELSON W	0100	531	36	19,116	R	AC		93	83	84	\$63	625,643	SEAL CRACKS
OAK AVE	SUNNYSIDE AVE SOUTH	SPRUCE AVE	OAK	0100	487	36	17,532	R	AC		68	74	76	\$97	580,466	SEAL CRACKS

** - Treatment from Project Selection

Scenarios Criteria:



City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 05/08/2019

Scenario: Improve PCI to 70

Year: 2028

Year. 2028												Treatment		Cost	Rating	Treatment	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	PCI Before	PCI After				
OLIVIA AVE SOUTH	KATHERINE ST EAST	516' N/O KATHERINE ST EAST	OLIVIA S	0100	516	37	19,092	R	AC		65	71	74	\$116	551,993	SEAL CRACKS	
RUBY AVE	LAKER LN	SALLY ST	RUBY	0100	440	36	15,840	R	AC		64	70	73	\$99	538,187	SEAL CRACKS	
RYAN AVE	BEDROSIAN AVE	HILL AVE	RYAN	0100	970	36	34,920	R	AC		88	81	82	\$135	633,788	SEAL CRACKS	
SKYLAR AVE	GLEASON AVE NORTH	JONNA AVE NORTH	SKYLAR	0100	968	36	34,848	R	AC		94	84	85	\$108	621,845	SEAL CRACKS	
TEMPERANCE AVE SOUTH	ADAMS AVE EAST	166' N/O GOBLE AVE	TEMPERAN CE	0600	797	41	32,677	R	AC		94	84	85	\$101	621,683	SEAL CRACKS	
TEMPERANCE AVE SOUTH	137' N/O AHRONIAN AVE	CLATON AVE EAST	TEMPERAN CE	0800	1,330	49	65,170	R	AC		93	83	84	\$213	625,643	SEAL CRACKS	
VIOLET AVE	LAKER LN	SALLY ST	VIOLET	0100	407	36	14,652	R	AC		65	71	74	\$89	551,993	SEAL CRACKS	
WALNUT DR	SOUTH AVE EAST	WALNUT DR	WALNUT	0100	733	36	26,388	R	AC		67	73	75	\$149	576,776	SEAL CRACKS	
												Treatment Total		\$4,008			
THIRD ST NORTH	MERCED ST EAST	ADAMS AVE EAST	3RD N	0100	837	52	43,524	R	AC		47	22	100	\$296,565	7,242	RECONSTRUCT STRUCTURE (AC)	
FOURTH ST NORTH	ADAMS AVE EAST	LA CROSSE AVE EAST	4TH N	0300	236	36	8,496	R	AC		48	24	100	\$57,891	7,242	RECONSTRUCT STRUCTURE (AC)	
FIFTH ST NORTH	MERCED ST EAST	ADAMS AVE EAST	5TH N	0100	1,552	53	82,256	R	AC		47	22	100	\$560,478	7,242	RECONSTRUCT STRUCTURE (AC)	
MAIN ST EAST	2ND ST SOUTH	ADAMS AVE EAST	MAIN E	0300	1,121	53	59,413	R	AC		13	0	100	\$404,830	7,242	RECONSTRUCT STRUCTURE (AC)	
MAPLE AVE	ASPEN AVE	STANFORD AVE SOUTH	MAPLE	0200	497	37	18,389	R	AC		32	2	100	\$125,300	7,242	RECONSTRUCT STRUCTURE (AC)	
PARLIER AVE EAST	WEST END	TEMERANCE AVE SOUTH	PARLIER E	0100	1,037	15	15,555	R	AC		0	0	100	\$105,989	7,242	RECONSTRUCT STRUCTURE (AC)	
PEACH ST WEST	WEST END	8TH ST SOUTH	PEACH	0100	856	24	20,544	R	AC		44	18	100	\$139,984	7,242	RECONSTRUCT STRUCTURE (AC)	
STEARNS AVE	SOUTH END	ADAMS AVE EAST	STERNS	0100	750	32	24,000	R	AC		28	0	100	\$163,532	7,242	RECONSTRUCT STRUCTURE (AC)	
TEMPERANCE AVE SOUTH	MANNING AVE EAST	620' N/O MANNING AVE EAST	TEMPERAN CE	0100	620	22	13,640	R	AC		17	0	100	\$92,941	7,242	RECONSTRUCT STRUCTURE (AC)	
												Treatment Total		\$1,947,510			
Year 2028 Area Total									1,919,804		Year 2028 Total		\$2,347,946				
Total Section Area:									14,889,465		Grand Total		\$23,449,560				

** - Treatment from Project Selection

Scenarios Criteria:

Appendix G

GIS Maps



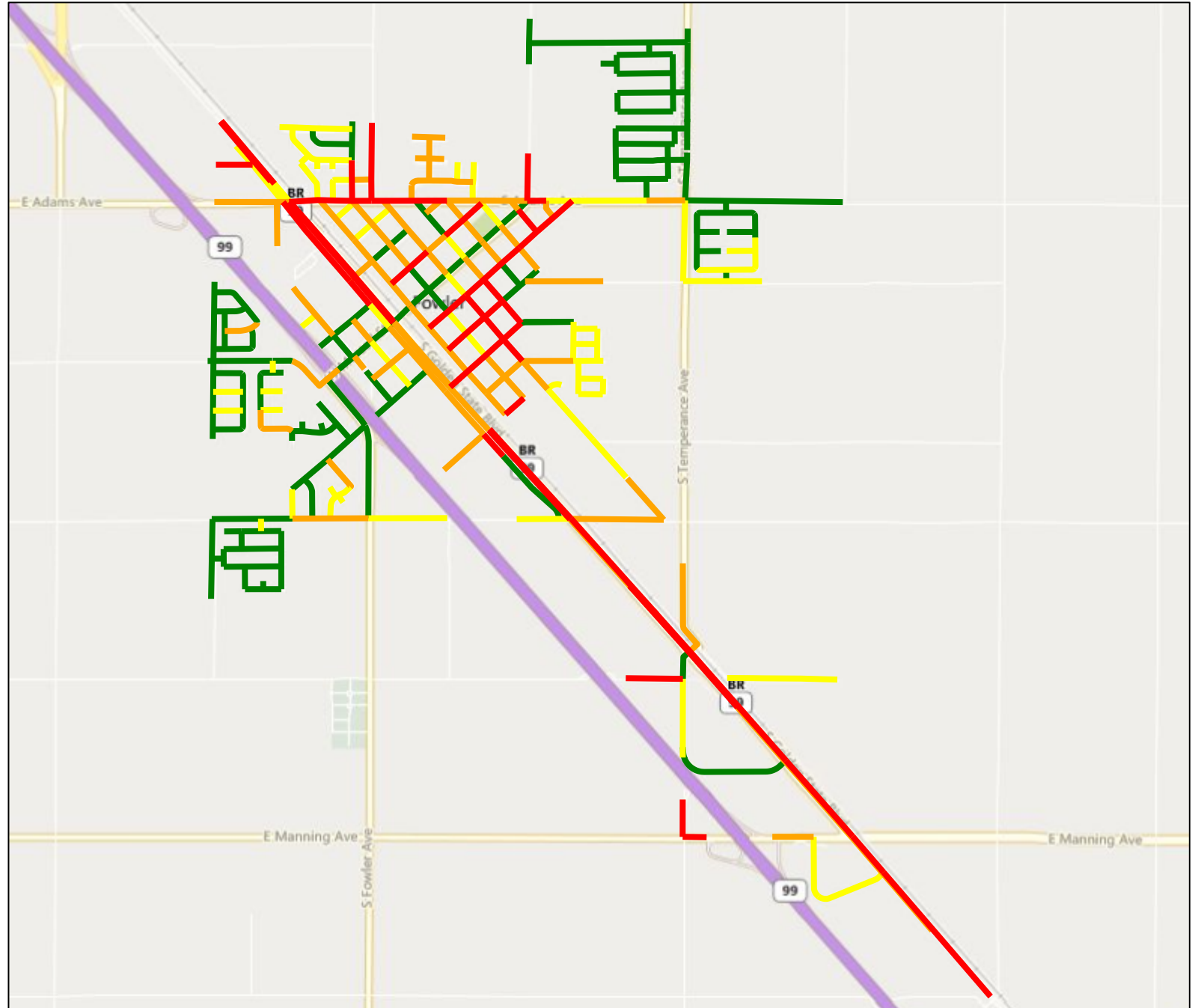
City of Fowler
128 S. 5th Street
Fowler, CA 93625

Current PCI Condition

Printed: 5/8/2019

Feature Legend

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





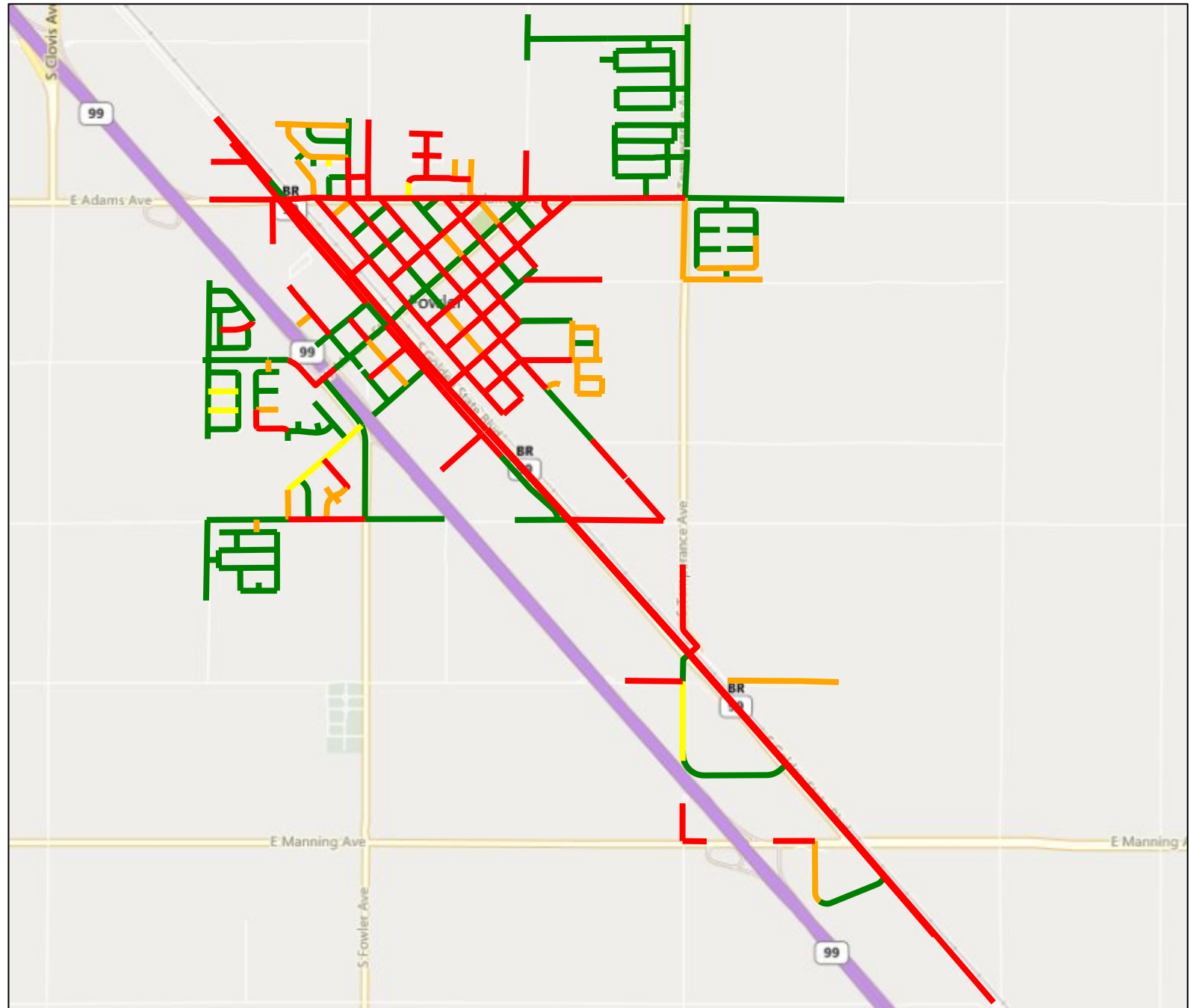
City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenario 1 PCI Condition

City's Budget - 2028 Projected PCI is 37 - Printed: 5/8/2019

Feature Legend

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





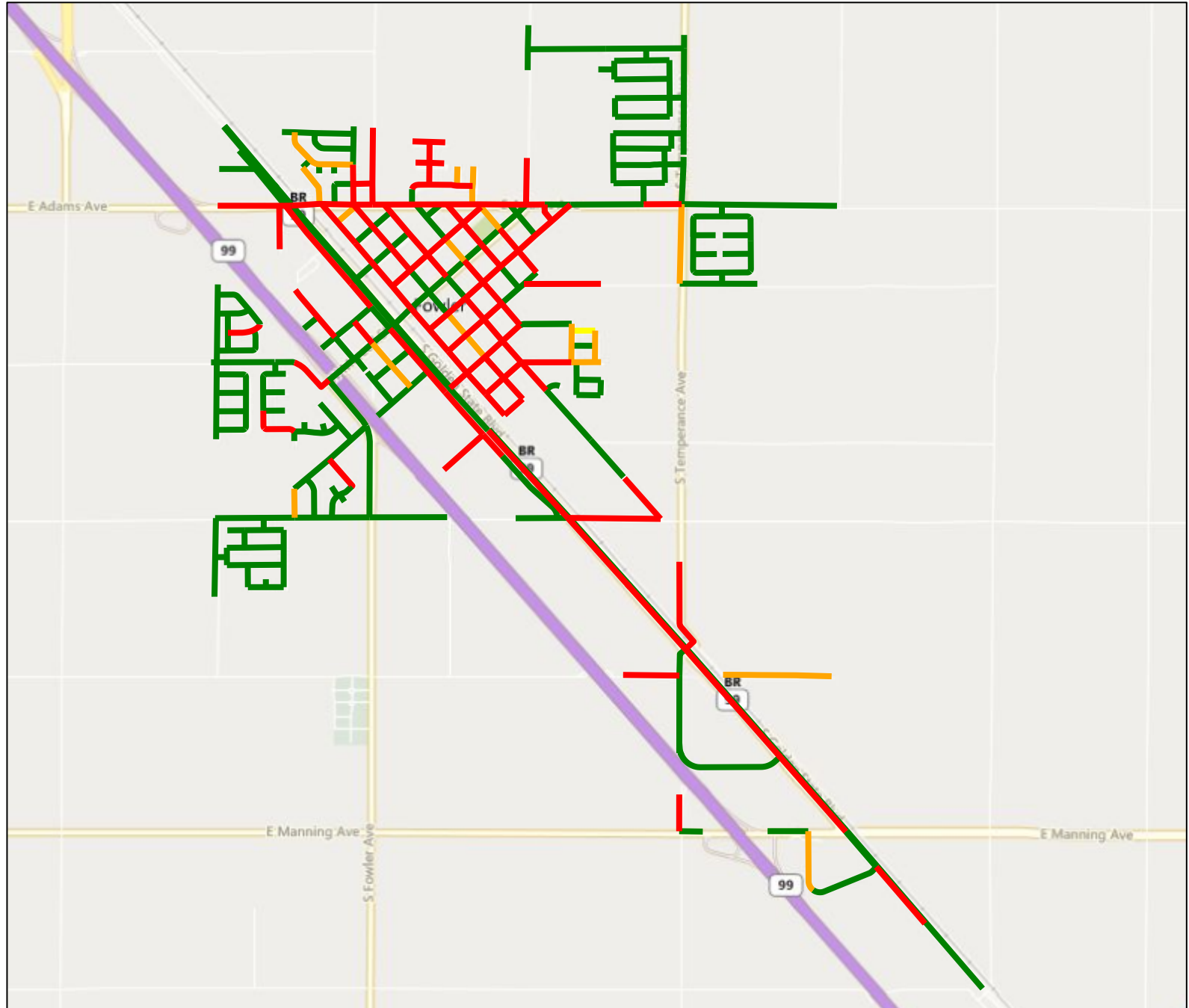
City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenario 2 PCI Condition

Maintain PCI at 53 - 2028 Projected PCI is 53 - Printed: 5/8/2019

Feature Legend

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





City of Fowler
128 S. 5th Street
Fowler, CA 93625

Scenario 3 PCI Condition

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

Feature Legend

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

