



MTC P-TAP Round 20

Budget Options Report (BOR) for Town of Fairfax, California

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Executive Summary

Fugro is pleased to provide this Budget Options Report (BOR) to the Town of Fairfax (Town) as part of its activities under a contract with the Metropolitan Transportation Commission (MTC) of the San Francisco Bay Area for their Pavement Management Technical Assistant Program (P-TAP), Round 20. This BOR provides information with regards to network level pavement repair options, budget analysis with annual and multi-year programming, impact of varying levels of budgets, and cost-effective pavement repair recommendations to assist jurisdictions to develop Maintenance & Rehabilitation (M&R) programs.

Background

In June 2019, Fugro performed pavement condition distress surveys for the Town’s entire network based on MTC’s distress definitions and descriptions published in “Pavement Condition Index Distress Identification Manual for Flexible Pavements,” 4th Edition, March 2016, and the “Pavement Condition Index Distress Identification Manual for Rigid Pavements,” 3rd Edition, March 2016. The Town maintains approximately 27.55 centerline miles of paved roadways. Table 1 shows the breakdown of the entire network by functional class.

Table 1. Network Summary Statistics.

Functional Class	Sections	Center Miles	Lane Miles	Total Area (square feet)	% of the Entire Network (by Pavement Area)
Arterial	29	4.79	9.57	693,662.	22.6%
Collector	65	10.05	20.02	1,099,928.	35.9%
Residential/Local	107	12.71	25.09	1,273,731.	41.5%
Total	201	27.55	54.68	3,067,321.	100.0%

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

Pavement Management Program (PMP)

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

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

extensive research in the area of pavement management since the 1970's. Some of the research findings are:

- Pavement Deterioration – Pavements tend to deteriorate very slowly during the first few years after placement and very rapidly when they are aged. Even though pavement designs and materials varied widely, the deterioration of pavements follow a standard curve as shown in Figure 1. Pavement Condition Index (PCI) is an index that is “100” for a brand new pavement with no distress and reduces to “0” for a pavement that has failed.
- Costly Maintenance Practices – Typically, state and local governments invest more funds for maintaining pavements than for any other public purpose. While much of this is due to the high cost of repairs and heavy usage of the public pavements, there is strong evidence that some of the high operating costs originate from inappropriate or poorly timed maintenance decisions.
- Preserve vs. Reconstruct – Successive years of collecting pavement condition data shows that it is far more economical to preserve roads than to delay repairs and reconstruct roads. In addition, as traffic levels increases the costs of delaying repair work increases greatly. Typically, the cost of maintenance is 10-15% of the expected cost to repair the ultimate failure that will occur without the application of maintenance activities. For example, national data indicate that every \$1 spent on maintaining the pavement surface saves \$5 on major rehabilitation that will be required if the maintenance activities are not conducted.

Network Level Analysis

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

In addition, recommendations provided in this report are for network level budgeting and planning purposes. The treatments that are assigned to sections of the Town network are based on a decision tree. When a project has been selected by the Town, engineering judgment and project level analysis should be applied to ensure that the treatment is appropriate and cost effective for the section. This can include revisiting and reevaluating the visual distress ratings, coring and deflectometer tests to establish underlying structural problems, etc.

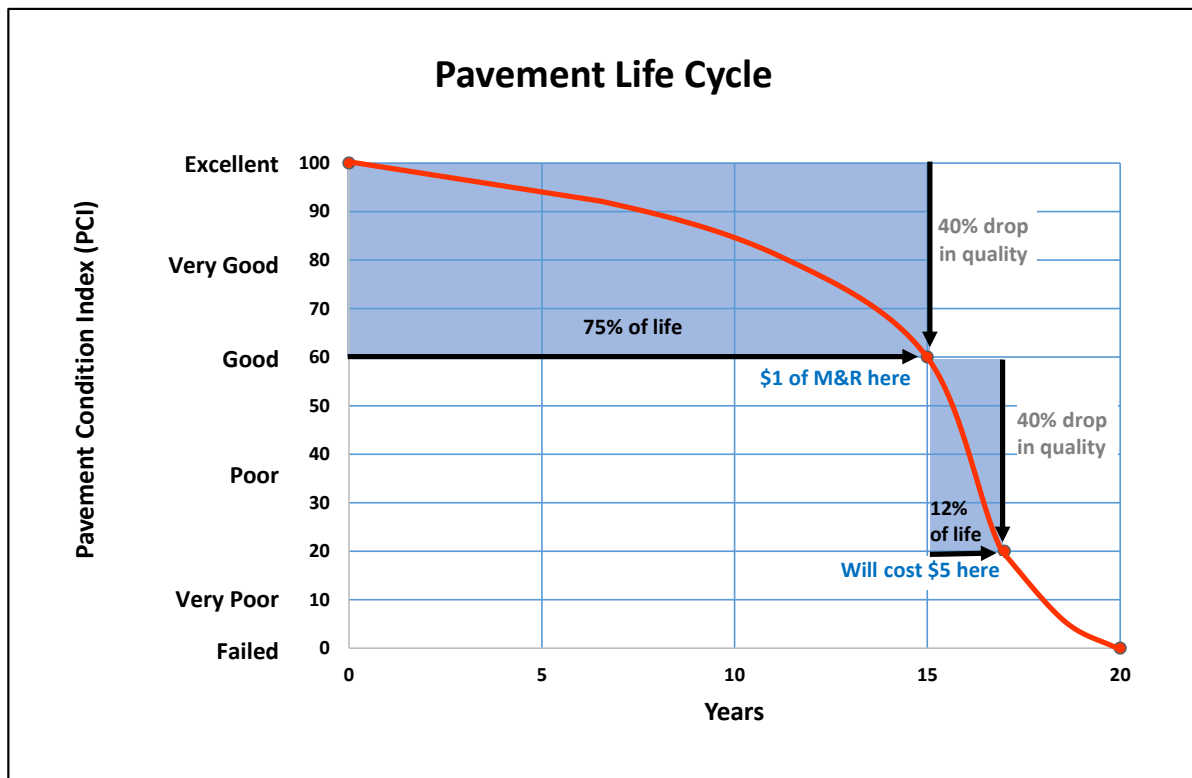


Figure 1. Effect of Treatment Timing on Costs.

Terminology

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

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

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

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

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

Pavement Condition

Network Replacement Value

It is important to consider the overall investment the Town has in its pavements. The cost to reconstruct all streets (full replacement of the pavement, base, and structure of the streets) is over \$27.3 million.

Historical Network PCI

Figure 2 shows the overall network PCI between 2010 and 2019. The PCI values are a combination of field inspected values from surveys and values from the StreetSaver modeling. Figure 2 shows that the average network PCI for the Town has fluctuated between 60 and 68 from 2010 to 2019. In addition, the Marin County average PCI is also shown.

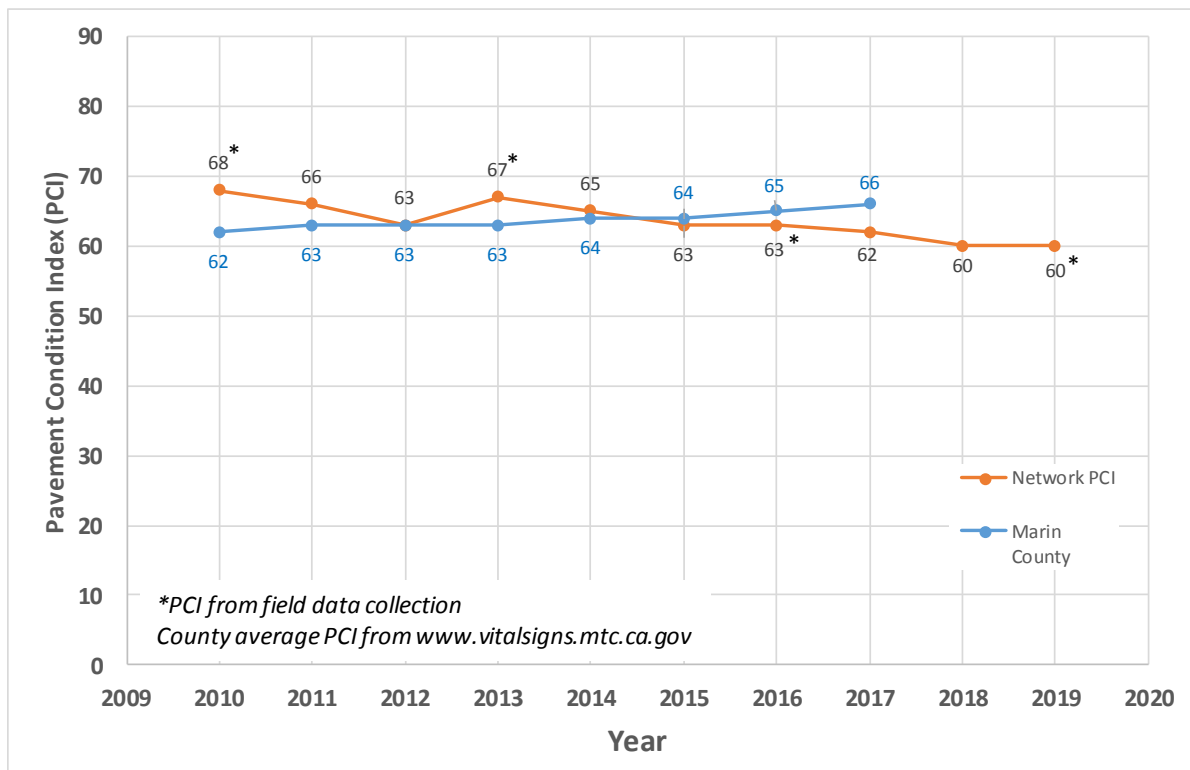
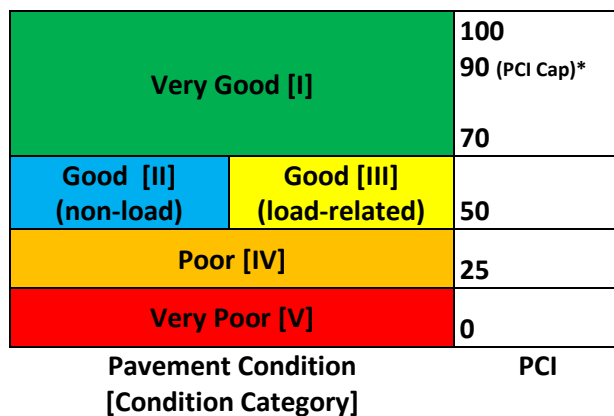


Figure 2. Historical Network PCI from 2010 to 2019.

Current Overall Network PCI

The overall network PCI is 60 as of June 30, 2019. Appendix A provides the section inventory as well as the PCI for each section. Please note that these values are projected and area-weighted calculations from StreetSaver. Figure 3 shows the five pavement condition categories and PCI breakpoints, which are critical decision points at which different treatments would be applied to the pavement sections by functional class and surface types.



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

Figure 3. Pavement Condition Categories by PCI.

Table 2 shows the Town’s PCI per functional class. The overall network PCI is in the MTC designated “Good” pavement condition. The arterial, collector, and residential functional classes are in the MTC designated “Good” pavement condition as well.

Table 2. PCI per Functional Class.

Functional Class	Sections	Centerline Miles	Lane Miles	PCI ^[1]	Pavement Condition
Arterial	29	4.79	9.57	61	Good
Collector	65	10.05	20.02	61	Good
Residential	107	12.71	25.09	58	Good
Total	201	27.55	54.68	60	Good

^[1] As of 6/30/2019.

Figure 4 shows the centerline miles by pavement condition. Around 40% of the centerline miles are “Excellent” or “Very Good” pavement condition categories (between PCI 100-70), 28% of the centerline miles are in the “Good” pavement condition category (between PCI 69-50), and 32% of the centerline miles are in the “Poor” or “Very Poor/Failed” pavement condition categories (between PCI 49-0).

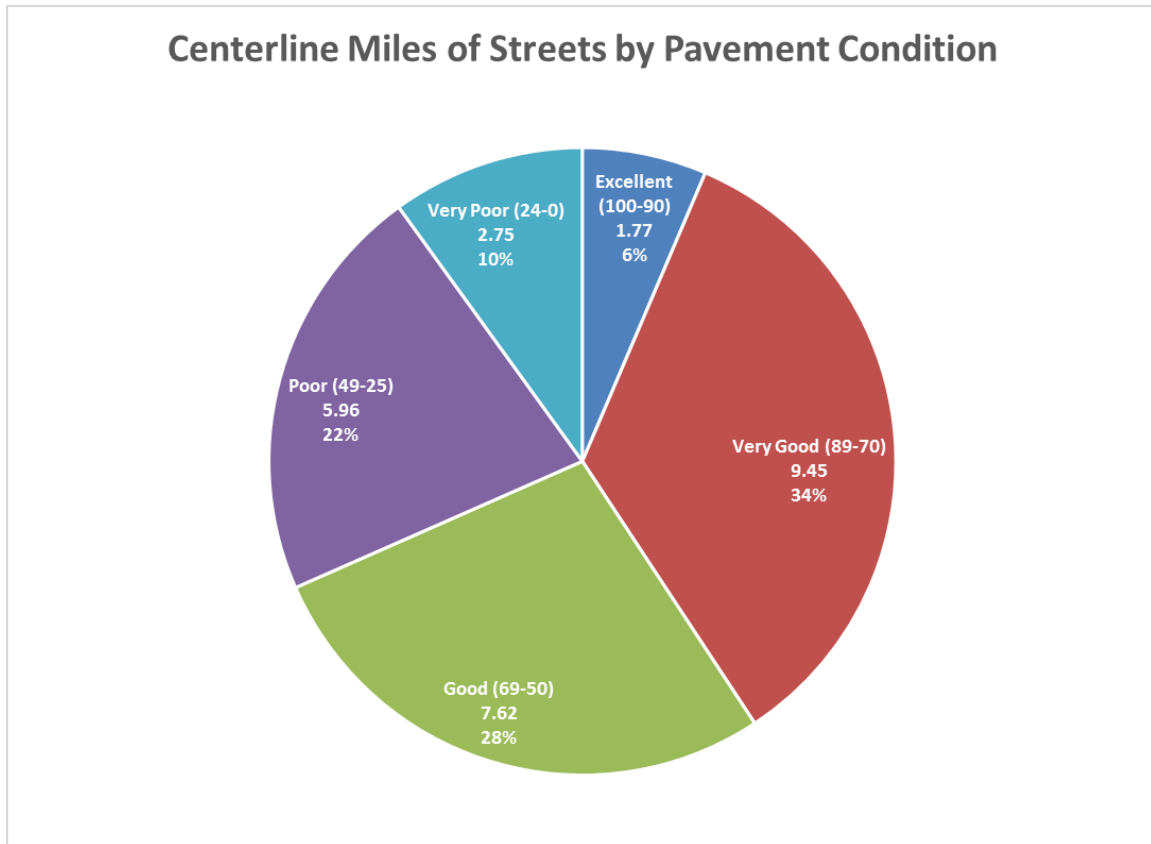


Figure 4. Centerline Miles of Streets by Pavement Condition.

Budget Needs

Maintenance Strategies

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

Table 3. Maintenance Strategy for Arterial Functional Class.

Pavement Condition	PCI Range	Typical Maintenance Treatment
Excellent	100-90	Do Nothing
Very Good	89-70	Seal Cracks, Slurry Seal
Good	69-50	Microsurfacing, Thick AC Overlay with Rubberized Asphalt
Poor	49-25	Mill and Thick Overlay
Very Poor	0-24	Reconstruct Structure (AC)

Budget Needs Analysis (Unconstrained)

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

Table 4. Budget Needs Project PCI and Cost Summary.

	Year					Total Cost
	2020	2021	2022	2023	2024	
PCI Treated	76	77	81	81	82	
PCI Untreated	59	56	54	51	49	
Preventive Cost	\$264,542	\$13,842	\$36,596	\$7,575	\$6,675	\$329,230
Rehab Cost	\$4,787,627	\$1,319,609	\$2,369,975	\$875,753	\$951,193	\$10,304,157
Total Cost	\$5,052,169	\$1,333,451	\$2,406,571	\$883,328	\$957,868	\$10,633,387

If the Town followed the maintenance and rehabilitation strategies recommended by the program and had unconstrained funding, the average network PCI will increase to 82 by the end of year 2024. If, however, no maintenance or rehabilitation occurred in the next five years, the average network PCI would deteriorate to 49 by the end of year 2024.

With respect to the unconstrained funding, \$10.6 million in maintenance and rehabilitation was needed. Approximately \$0.3 million (3.1%) was allocated to preventive maintenance treatments while the majority of the funding, \$10.3 million, was allocated to the more costly rehabilitation or reconstruction treatments.

Budget Scenarios & Results

Based on the unconstrained analysis and input from the Town, Fugro developed several “what-if” analyses using StreetSaver’s budget scenario module. This allows us to evaluate the impacts of various budget "scenarios" on PCI, deferred maintenance (unfunded backlog), and average remaining service life of the network. The budget scenario analyses have weighting factors that modify the prioritization process in StreetSaver. Arterials are given the highest weighting factor followed by collectors and then residential and locals. Please note that for the scenarios 1) excess rehabilitation funds are added to preventive maintenance funds and 2) stop gap funds are taken from preventive maintenance funds, and 3) surplus preventive maintenance funds are limited. The following scenarios were evaluated.

Scenario 1: Do Nothing

This scenario shows the overall network PCI over five years if no funds are available and no work is performed. The result shows that by 2024 the deferred maintenance increases from \$5.1 million to \$8.9 million and the overall PCI will decrease to 49 as shown in Figure 5. All detailed reports are provided in Appendix D.

Scenario 2: Estimated Funding Level (\$100K Per Year)

The Town has indicated that the expected budget will be \$100,000 for each year for a total of \$0.5 million over five years. The result shows that by 2024 the deferred maintenance increase from \$5.0 million to \$8.5 million and the overall PCI will decrease to 52 as shown in Figure 5. All detailed reports are provided in Appendix E.

Scenario 3: Estimated Funding Level (\$200K Per Year)

The Town has indicated that the expected budget will be \$200,000 for each year for a total of \$1 million over five years. The result shows that by 2024 the deferred maintenance increase from \$4.9 million to \$8.2 million and the overall PCI will decrease to 53 as shown in Figure 5. All detailed reports are provided in Appendix F.

Scenario 4: Estimated Funding Level (\$300K Per Year)

The Town has indicated that the expected budget will be \$300,000 for each year for a total of \$1.5 million over five years. The result shows that by 2024 the deferred maintenance increase from \$4.8 million to \$7.8 million and the overall PCI will decrease to 55 as shown in Figure 5. All detailed reports are provided in Appendix G.

Scenario 5: Maintain Current Network Condition

This scenario aims to ensure that the overall pavement network PCI does not drop below the current PCI of 60 (as of 6/30/2019) over the next five years. A total of \$3 million will be required of which 91% will be allocated to rehabilitation treatments. The deferred maintenance will increase from \$4.5 million to \$6.8 million in 2024 as shown in Figure 5. All detailed reports are provided in Appendix H.

Scenario 6: Increase Network Condition Five Points

This scenario aims to ensure that the overall pavement network PCI will improve 5 points to 65 over five years. A total of \$4.525 million will be required of which 92% will be allocated to rehabilitation treatments. The deferred maintenance will increase from \$4.1 million to \$6.1 million in 2024 as shown in Figure 5. All detailed reports are provided in Appendix I.

Scenario 7: Average of PMP Determined Needs

The budget needs analysis indicated that \$10,633,387 would be needed for the Town. The budget needs average per year would be \$2,126,677 (i.e., \$10,633,387 divided by 5 years). The PCI would increase to 82 and the deferred maintenance will decrease to \$0.3 million in 2024 as shown in Figure 5. All detailed reports are provided in Appendix J.

Pavement Condition Changes Based on Budget Scenarios

Figure 6 shows what the pavement condition of the Town will be in 2024 based on the different budget scenarios. The greatest expenses that the Town would foresee are in the “Poor” and “Very Poor”

pavement condition categories because these would likely require reconstruction. For the purposes of this discussion, Fugro is highlighting the differences seen in the “Poor” and “Very Poor” pavement condition categories for each scenario.

In Figure 6, if no treatments were performed (i.e., Scenario 1 – Do Nothing), the “Poor” pavement condition would decrease approximately 2% from 23% to 21% when compared to the current condition. The “Very Poor” pavement condition would increase approximately 12%. For Scenarios 2, 3 and 4, the “Poor” pavement condition would decrease approximately 2% and the “Very Poor” pavement condition would increase approximately 12%. For Scenario 5 – Maintain Current Network Condition, the “Poor” pavement condition would decrease approximately 8% and the “Very Poor” pavement condition would increase approximately 12%. For Scenario 6 – Increase Network Condition by Five Points, the “Poor” pavement condition would decrease approximately 17% and the “Very Poor” pavement condition would increase approximately 12%. For Scenario 7 – Average of PMP Determined Needs, the “Poor” pavement condition would decrease approximately 20% and the “Very Poor” pavement condition would decrease approximately 7%.

PCI Maps

Appendix K presents PCI maps for the following conditions: Current, Scenario 1: Do Nothing, Scenario 2: Estimated Funding Level (\$100K Per Year), Scenario 3: Estimated Funding Level (\$200K Per Year), Scenario 4: Estimated Funding Level (\$300K Per Year), Scenario 5: Maintain Current Network Condition, Scenario 6: Increase Network Condition Five Points, and Scenario 7: Average of PMP Determined Needs.

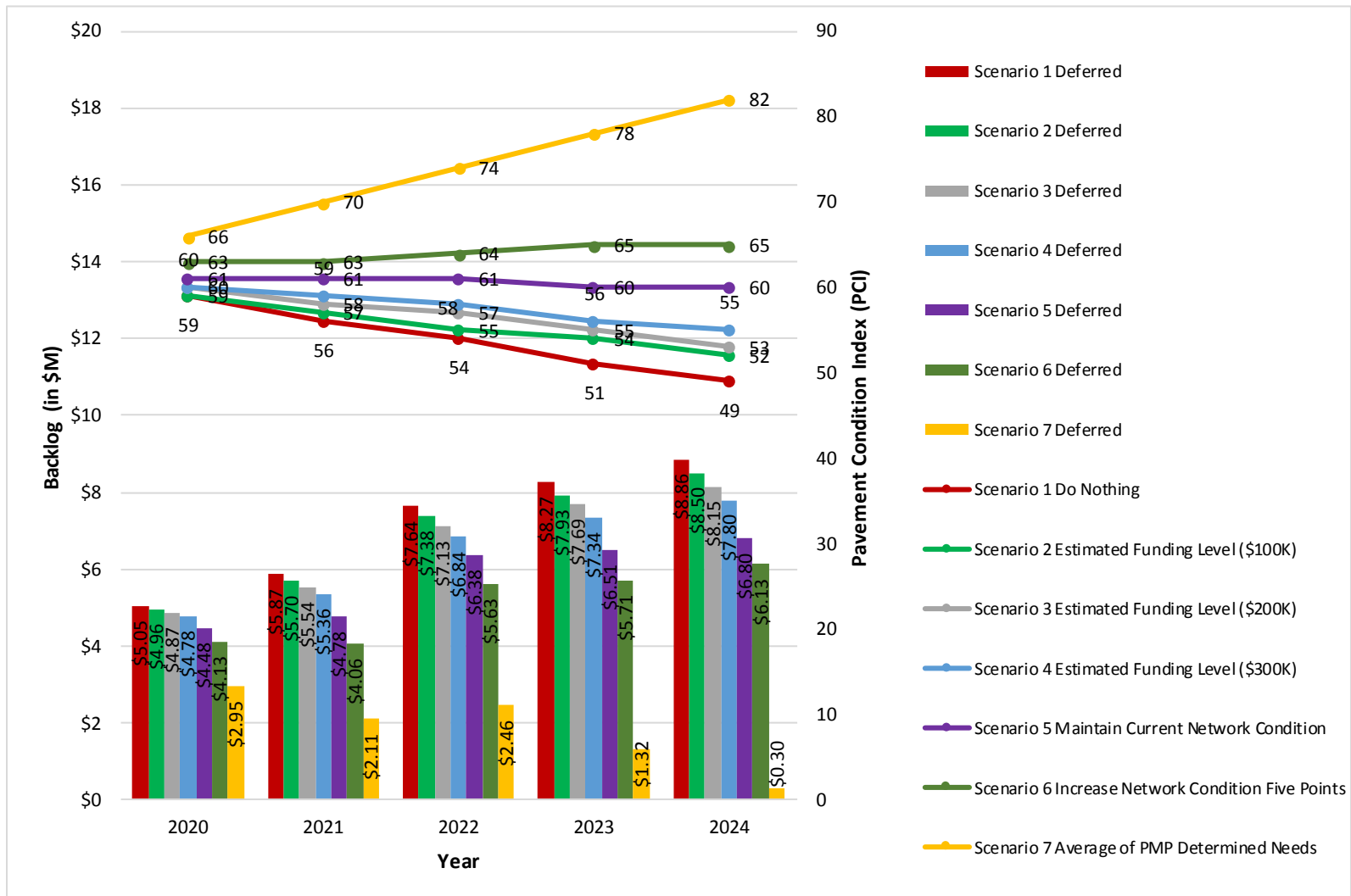


Figure 5. Scenario Breakdown of PCI and Deferred Maintenance for 2020 to 2024.

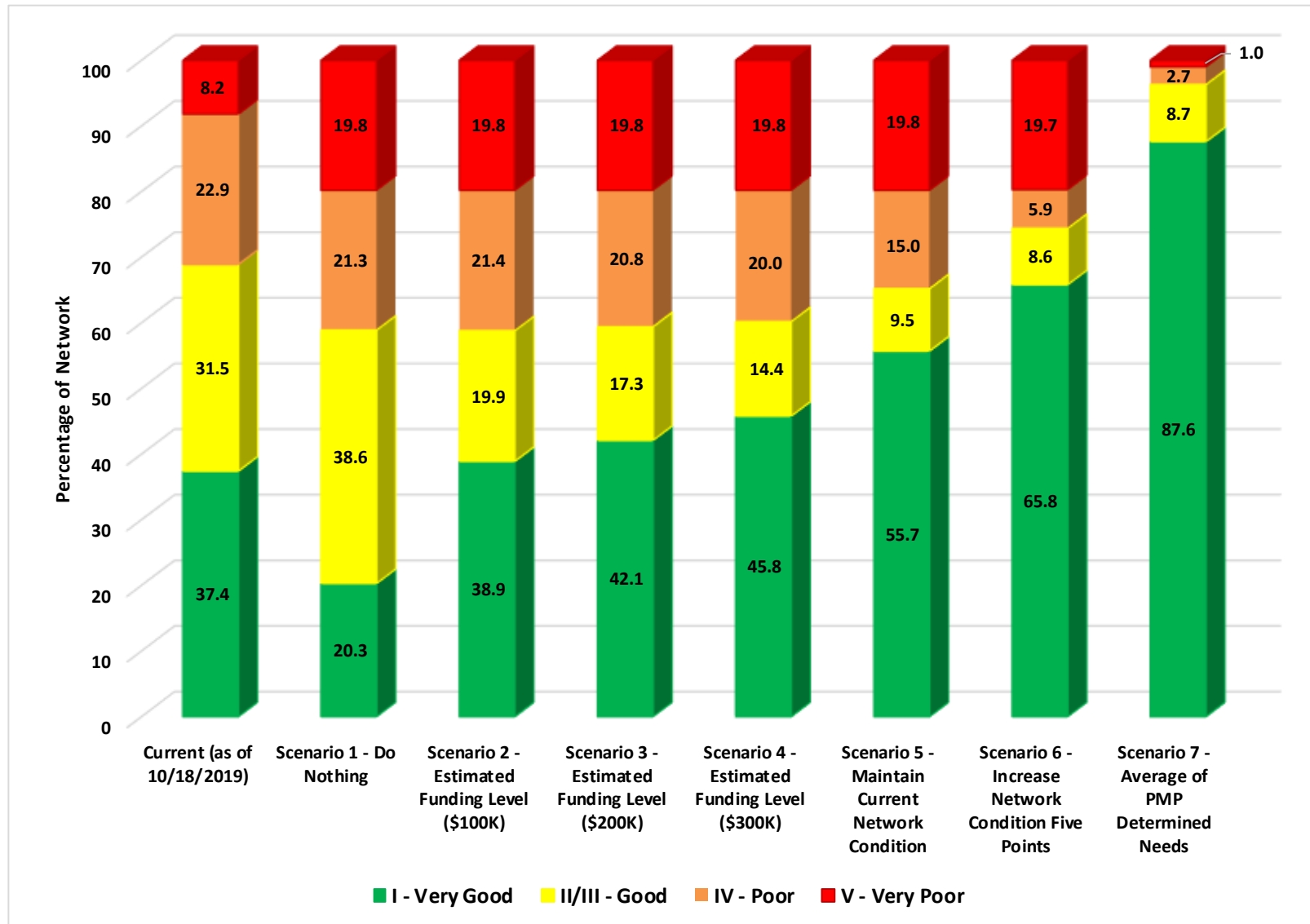


Figure 6. Pavement Condition for Each Scenario in 2024.

Recommendations

The Town has a substantial investment of \$27.3 million in their pavement network of 27.55 centerline miles. The Town's overall network PCI is 60 (as of 6/30/2019), which is "Good" in the MTC pavement condition categories. Approximately 68% of the network is "Very Good" or "Good" and 32% is "Poor" and "Very Poor." The budget needs analysis indicated that the Town would have to spend approximately \$10.6 million in M&R over the next five years to basically repair all streets. This is the ideal situation where all streets are in "Very Good" or "Good" condition and just need regular preventive maintenance. For this report, Fugro has evaluated and presented several scenarios for the Town to consider.

Budget

Based on the PCI (i.e., 60 and "Good" condition) and slowing the growth of the deferred maintenance (unfunded backlog), Fugro recommends Scenario 5 – Maintain Current Network Condition. This scenario has a total budget of \$3 million over five years. The breakdown is \$600,000 per year with approximately 91% being used on rehabilitation treatments. The PCI will remain at 60, which is still in the "Good" condition. The deferred maintenance will increase from \$4.5 million to \$6.8 million.

Pavement Maintenance Strategies

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

Re-inspection

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

StreetSaver Updates

Fugro has the following recommendations regarding StreetSaver:

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

Appendix A – Section Inventory Report

(Sorted Alphabetically by Street ID)

(Sorted by Descending PCI)

Section Inventory Report Description

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

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

Sorted Alphabetically by Street ID

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ACACIA	10	ACACIA ROAD - ACACIA	SCENIC RD	DEAD END	2	R - Residential/Local	980	12	11760	A - AC	6/27/2019	28
ALDERC	10	ALDER COURT - ALDERC	LANDSDALE AVE	DEAD END	2	R - Residential/Local	195	12	2340	O - AC/AC	6/25/2019	84
ARROYO	10	ARROYO ROAD - ARROYO	LOWER SCENIC ROAD	SPRUCE ROAD	2	R - Residential/Local	646	12	7752	O - AC/AC	6/28/2019	74
AZALEA	10	AZALEA AVENUE - AZALEA	SIR FRANCIS DRAKE BLVD	SEQUOIA RD	2	R - Residential/Local	789	20	15780	O - AC/AC	6/28/2019	87
BANKST	10	BANK STREET - BANKST	BROADWAY	ELSIE LANE	2	R - Residential/Local	280	32	8960	A - AC	6/28/2019	55
BARKER	10	BARKER AVENUE - BARKER	PORTEOUS AVENUE	DEAD END	2	R - Residential/Local	345	18	6210	O - AC/AC	6/26/2019	68
BAYROA	10	BAY ROAD - BAYROA	SCENIC ROAD	DEAD END	2	R - Residential/Local	1014	14	14196	A - AC	6/28/2019	37
BAYWOO	10	BAYWOOD COURT - BAYWOO	LANDSDALE AVENUE	DEAD END	2	R - Residential/Local	470	18	8460	O - AC/AC	6/25/2019	93
BELLEA	10	BELLE AVENUE - BELLEA	PASTORI AVENUE	KENT AVENUE	2	R - Residential/Local	295	18	5310	O - AC/AC	6/25/2019	84
BELLEA	20	BELLE AVENUE - BELLEA	KENT AVENUE	TOWN LIMITS	2	R - Residential/Local	515	18	9270	O - AC/AC	6/25/2019	95
BELMON	10	BELMONT AVENUE - BELMON	PASTORI AVENUE	KENT AVENUE	2	R - Residential/Local	271	24	6504	O - AC/AC	6/25/2019	62
BELMON	20	BELMONT AVENUE - BELMON	KENT AVENUE	TOWN LIMITS	2	R - Residential/Local	543	14	7602	O - AC/AC	6/25/2019	96
BLACKB	10	BLACKBERRY LANE - BLACKB	CREEK ROAD	FORREST AVE	2	R - Residential/Local	190	18	3420	O - AC/AC	6/26/2019	57
BOLINA	10	BOLINAS ROAD - BOLINA	BROADWAY	PARK ROAD	2	A - Arterial	962	34	32708	A - AC	6/28/2019	46
BOLINA	20	BOLINAS ROAD - BOLINA	PARK ROAD	CASCADE DRIVE	2	A - Arterial	1227	36	44172	A - AC	6/28/2019	56
BOLINA	30	BOLINAS ROAD - BOLINA	CASCADE DRIVE	1120' SO. OF CASCADE DRIVE	2	A - Arterial	1120	20	22400	A - AC	6/28/2019	35
BOLINA	40	BOLINAS ROAD - BOLINA	1120' SO. OF CASCADE DRIVE	2200' SO OF CASCADE DRIVE	2	A - Arterial	1080	20	21600	A - AC	6/28/2019	14
BOLINA	50	BOLINAS ROAD - BOLINA	2200' SO OF CASCADE DRIVE	TOWN LIMITS	2	A - Arterial	1048	20	20960	A - AC	6/28/2019	18
BOTHIN	10	BOTHIN ROAD - BOTHIN	MARIN AVENUE	OLEMA ROAD	2	C - Collector	460	26	11960	O - AC/AC	6/27/2019	83
BOTHIN	20	BOTHIN ROAD - BOTHIN	OLEMA ROAD	1041' WEST OF OLEMA ROAD	2	C - Collector	1041	26	27066	O - AC/AC	6/27/2019	74
BOTHIN	30	BOTHIN ROAD - BOTHIN	1041' WEST OF OLEMA ROAD	TOWN LIMITS	2	C - Collector	1031	25	25775	O - AC/AC	6/27/2019	69
BRIDGE	10	BRIDGE COURT - BRIDGE	DOMINGA AVENUE	DEAD END	2	R - Residential/Local	97	16	1552	O - AC/AC	6/26/2019	100
BROADW	10a	BROADWAY - BROADW	SIR FRAN. DRK. BL. AT PACHECO	CLAUS	3	C - Collector	828	60	49680	A - AC	6/29/2019	66



Sorted Alphabetically by Street ID

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
BROADW	10b	BROADWAY - BROADW	CLAUS	BANK	3	C - Collector	155	60	9300	O - AC/AC	6/28/2019	69
BROADW	20	BROADWAY - BROADW	SIR FRAN. DRK. BL. AT BANK	MERWIN AVENUE	2	C - Collector	472	22	10384	A - AC	6/28/2019	40
BROADW	25	BROADWAY - BROADW	MERWIN AVENUE	AZALEA AVENUE	2	C - Collector	402	22	8844	O - AC/AC	6/28/2019	51
BROADW	35A	BROADWAY - BROADW	AZALEA AVENUE	50 FT. NW AZALEA AVE.	2	C - Collector	50	22	1100	O - AC/AC	6/28/2019	74
BROADW	35B	BROADWAY - BROADW	50 FT NW AZALEA AVE.	SIR FRANCIS DRAKE BLVD.	2	C - Collector	340	22	7480	A - AC	6/28/2019	55
CANYON	10	CANYON ROAD - CANYON	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	2	C - Collector	1017	14	14238	O - AC/AC	6/27/2019	79
CANYON	20	CANYON ROAD - CANYON	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	2	C - Collector	1437	17	24429	O - AC/AC	6/27/2019	62
CANYON	30	CANYON ROAD - CANYON	2428' WEST OF CASCADE DRIVE	DEAD END	2	C - Collector	672	14	9408	O - AC/AC	6/27/2019	61
CASCAD	10	CASCADE DRIVE - CASCAD	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	2	C - Collector	1285	32	41120	O - AC/AC	6/28/2019	77
CASCAD	20	CASCADE DRIVE - CASCAD	1285' WEST OF BOLINAS DR	LAUREL DRIVE	2	C - Collector	853	21	17913	O - AC/AC	6/28/2019	73
CASCAD	30	CASCADE DRIVE - CASCAD	LAUREL DRIVE	MEADOW WAY	2	R - Residential/Local	1295	20	25900	O - AC/AC	6/27/2019	75
CASCAD	40	CASCADE DRIVE - CASCAD	MEADOW WAY	690' WEST OF MEADOW WAY	2	R - Residential/Local	690	24	16560	O - AC/AC	6/27/2019	76
CASCAD	50	CASCADE DRIVE - CASCAD	690' WEST OF MEADOW WAY	CANYON ROAD	2	R - Residential/Local	933	21	19593	O - AC/AC	6/27/2019	68
CASCAD	60	CASCADE DRIVE - CASCAD	CANYON ROAD	890' WEST OF CANYON ROAD	2	R - Residential/Local	890	18	16020	O - AC/AC	6/27/2019	73
CASCAD	70	CASCADE DRIVE - CASCAD	890' WEST OF CANYON ROAD	1770' WEST OF CANYON ROAD	2	R - Residential/Local	880	15	13200	O - AC/AC	6/27/2019	66
CASCAD	80	CASCADE DRIVE - CASCAD	1770' WEST OF CANYON ROAD	DEAD END	2	R - Residential/Local	833	15	12495	O - AC/AC	6/27/2019	79
CENTER	10	CENTER BOULEVARD - CENTER	TOWN LIMITS	PASTORI AVENUE	2	R - Residential/Local	808	40	32320	A - AC	6/25/2019	81
CENTER	20	CENTER BOULEVARD - CENTER	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	2	R - Residential/Local	727	51	37077	A - AC	6/29/2019	71
CENTER	30	CENTER BOULEVARD - CENTER	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	2	R - Residential/Local	599	54	32346	O - AC/AC	6/29/2019	67
CHESTE	10	CHESTER AVENUE - CHESTE	WILLOW AVENUE	402' WEST OF WILLOW AVENUE	2	R - Residential/Local	402	14	5628	O - AC/AC	6/26/2019	53

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CHESTE	20	CHESTER AVENUE - CHESTE	LIVE OAK AVENUE	556' NORTH OF LIVE OAK AVENUE	2	R - Residential/Local	556	14	7784	O - AC/AC	6/26/2019	48
CLAUSC	10	CLAUS CIRCLE - CLAUSC	CLAUS DRIVE	CLAUS DRIVE	2	R - Residential/Local	321	26	8346	A - AC	6/26/2019	39
CLAUSD	10	CLAUS DRIVE - CLAUSD	SIR FRANCIS DRAKE BOULEVARD	TAYLOR DRIVE	2	R - Residential/Local	494	26	12844	A - AC	6/26/2019	50
COOLID	10	COOLIDGE AVENUE - COOLID	BELMONT AVENUE	BELLE AVENUE	2	R - Residential/Local	227	14	3178	O - AC/AC	6/26/2019	99
COREEL	10	COREE LANE - COREEL	FRUSTUCK AVENUE	DEAD END	2	R - Residential/Local	267	14	3738	A - AC	6/27/2019	96
COURTL	10	COURT LANE - COURTL	DOMINGA AVENUE	DEAD END	1	R - Residential/Local	141	14	1974	O - AC/AC	6/26/2019	100
CREEKR	10	CREEK ROAD - CREEKR	PORTEOUS AVENUE	BLACKBERRY LANE	2	C - Collector	752	18	13536	O - AC/AC	6/26/2019	32
CREEKR	20	CREEK ROAD - CREEKR	BLACKBERRY LANE	BOLINAS ROAD	2	C - Collector	475	20	9500	O - AC/AC	6/26/2019	27
CRESCE	10	CRESCENT CIRCLE - CRESCE	OAK TREE LANE	DEAD END	2	R - Residential/Local	331	29	9599	O - AC/AC	6/27/2019	58
CRESTR	10	CREST ROAD - CRESTR	HILLSIDE DRIVE	1422' SO.EAST OF HILLSIDE DR.	2	R - Residential/Local	1422	14	19908	A - AC	6/26/2019	31
CYPRES	10	CYPRESS DRIVE - CYPRES	CASCADE DRIVE	760' WEST OF HICKORY ROAD	2	C - Collector	1264	34	42976	O - AC/AC	6/27/2019	70
CYPRES	40	CYPRESS DRIVE - CYPRES	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	2	C - Collector	765	16	12240	O - AC/AC	6/28/2019	73
CYPRES	50	CYPRESS DRIVE - CYPRES	935' NORTH OF LAUREL	LAUREL DRIVE	2	C - Collector	1700	16	27200	O - AC/AC	6/28/2019	79
DEERP	10	DEER PARK DR - DEERP	HILLSIDE DR	END (E)	2	R - Residential/Local	565	16	9040	A - AC	6/26/2019	38
DOMING	10	DOMINGA AVENUE - DOMING	CREEK ROAD	BRIDGE COURT	2	C - Collector	847	20	16940	O - AC/AC	6/26/2019	65
DOMING	20	DOMINGA AVENUE - DOMING	BRIDGE COURT	NAPA AVENUE	2	C - Collector	472	20	9440	O - AC/AC	6/26/2019	55
ELSIEL	10	ELSIE LANE - ELSIEL	BOLINAS ROAD	BANK ST	2	R - Residential/Local	595	36	21420	O - AC/AC	6/28/2019	41
FORREA	10	FORREST AVENUE - FORREA	MEERNA AVENUE	SUMMER AVENUE	2	C - Collector	1080	14	15120	O - AC/AC	6/26/2019	75
FORREA	20	FORREST AVENUE - FORREA	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	2	C - Collector	1230	14	17220	C - AC/PCC	6/26/2019	72
FORREA	30	FORREST AVENUE - FORREA	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	2	C - Collector	1000	14	14000	C - AC/PCC	6/26/2019	69
FORREA	40	FORREST AVENUE - FORREA	2230' EAST OF SUMMER AVENUE	TOWN LIMITS	2	C - Collector	850	14	11900	C - AC/PCC	6/29/2019	54
FORRES	50	FORREST TERRACE - FORRES	MEERNA AVENUE	FORREST AVENUE	2	R - Residential/Local	957	14	13398	A - AC	6/26/2019	3

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FRUSTU	10	FRUSTUCK AVENUE - FRUSTU	PARK ROAD	WRENDEN AVENUE	2	C - Collector	839	15	12585	O - AC/AC	6/28/2019	77
FRUSTU	20	FRUSTUCK AVENUE - FRUSTU	WRENDEN AVENUE	MANZANITA ROAD	2	C - Collector	1278	14	17892	A - AC	6/27/2019	35
FRUSTU	30	FRUSTUCK AVENUE - FRUSTU	MANZANITA ROAD	WILLIS LANE	2	C - Collector	1029	14	14406	A - AC	6/27/2019	70
FRUSTU	40	FRUSTUCK AVENUE - FRUSTU	WILLIS LANE	500' WEST OF BOLINAS ROAD	2	C - Collector	396	14	5544	A - AC	6/27/2019	18
FRUSTU	50	FRUSTUCK AVENUE - FRUSTU	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	2	C - Collector	500	14	7000	A - AC	6/27/2019	61
GEARYA	10	GEARY AVENUE - GEARYA	TAYLOR DRIVE	TAYLOR DRIVE	2	R - Residential/Local	666	13	8658	O - AC/AC	6/26/2019	43
GLENDR	10	GLEN DRIVE - GLENDR	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	2	C - Collector	1260	35	44100	O - AC/AC	6/27/2019	72
GLENDR	20	GLEN DRIVE - GLENDR	1260' NORTH OF SFD BLVD	TOWN LIMIT	2	C - Collector	1200	40	48000	O - AC/AC	6/27/2019	76
HAWTHORNE	10	HAWTHORNE CT - HAWTHORNE	OLEMA RD	END	2	R - Residential/Local	210	20	4200	A - AC	6/27/2019	4
HICKOR	05	HICKORY ROAD - HICKOR	CASADE DR	CYPRESS DR	2	R - Residential/Local	178	20	3560	A - AC	6/27/2019	81
HICKOR	10	HICKORY ROAD - HICKOR	CYPRESS DRIVE	DEAD END	2	R - Residential/Local	1132	20	22640	A - AC	6/27/2019	9
HILLAV	10	HILL AVENUE - HILLAV	BELLE AVENUE	TOWN LIMITS	2	R - Residential/Local	475	18	8550	O - AC/AC	6/26/2019	20
HILLSI	20	HILLSIDE DRIVE - HILLSI	MEERNA AVENUE	770' NORTH OF MEERNA AVENUE	2	C - Collector	770	12	9240	A - AC	6/26/2019	29
HILLSI	30	HILLSIDE DRIVE - HILLSI	770' NORTH OF MEERNA AVENUE	1275' NORTH OF MEERNA AVENUE	2	C - Collector	505	12	6060	A - AC	6/26/2019	18
HILLSI	40	HILLSIDE DRIVE - HILLSI	1275' NORTH OF MEERNA AVENUE	CREST ROAD	2	C - Collector	625	12	7500	A - AC	6/26/2019	22
HILLSI	50	HILLSIDE DRIVE - HILLSI	CREST ROAD	DEAD END	2	C - Collector	850	14	11900	O - AC/AC	6/26/2019	51
INYOAV	10	INYO AVENUE - INYOAV	PACHECO AVENUE	END	2	R - Residential/Local	498	20	9960	O - AC/AC	6/26/2019	42
IRONSP	10	IRON SPRINGS ROAD - IRONSP	ROCK RIDGE ROAD	DEAD END	2	R - Residential/Local	886	12	10632	O - AC/AC	6/27/2019	79
IVYLAN	10	IVY LANE - IVYLAN	PORTEOUS AVENUE	MEERNA AVENUE	2	R - Residential/Local	118	18	2124	O - AC/AC	6/26/2019	47
JUNECO	10	JUNE COURT - JUNECO	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	309	16	4944	A - AC	6/27/2019	45
KENTAV	10	KENT AVENUE - KENTAV	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	2	R - Residential/Local	481	24	11544	A - AC	6/25/2019	72

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LANSDA	10	LANSDALE AVENUE - LANSDA	PASTORI AVENUE	TOWN LIMITS	2	R - Residential/Local	794	18	14292	O - AC/AC	6/25/2019	92
LAUREL	10	LAUREL DRIVE - LAUREL	CASCADE DRIVE	PINE ROAD	2	C - Collector	950	14	13300	A - AC	6/27/2019	75
LAUREL	20	LAUREL DRIVE - LAUREL	PINE ROAD	WOODLAND ROAD	2	C - Collector	1382	18	24876	O - AC/AC	6/28/2019	61
LIVEOA	10	LIVE OAK AVENUE - LIVEOA	MAPLE AVENUE	1027' WEST OF MAPLE AVENUE	2	R - Residential/Local	1027	18	18486	O - AC/AC	6/26/2019	70
LIVEOA	20	LIVE OAK AVENUE - LIVEOA	1027' WEST OF MAPLE AVENUE	DEAD END	2	R - Residential/Local	858	18	15444	O - AC/AC	6/26/2019	59
MADROC	10	MADRONE COURT - MADROC	LAUREL DRIVE	DEAD END	2	R - Residential/Local	343	18	6174	A - AC	6/27/2019	34
MADROR	10	MADRONE ROAD - MADROR	LAUREL DRIVE	895' NORTH OF LAUREL DRIVE	2	R - Residential/Local	895	14	12530	A - AC	6/28/2019	15
MADROR	20	MADRONE ROAD - MADROR	895' NORTH OF LAUREL DRIVE	1625' NORTH OF LAUREL DRIVE	2	R - Residential/Local	730	14	10220	A - AC	6/28/2019	41
MAINC	10	MAIN COURT - MAINCO	PACHECO AVENUE	DEAD END	2	R - Residential/Local	208	20	4160	O - AC/AC	6/26/2019	82
MANORR	10	MANOR ROAD - MANORR	MARIN AVENUE	OLEMA ROAD	2	R - Residential/Local	393	26	10218	O - AC/AC	6/27/2019	72
MANORR	15	MANOR ROAD - MANORR	OLEMA ROAD	LOWER SCENIC ROAD	2	C - Collector	670	23	15410	A - AC	6/27/2019	34
MANORR	25	MANOR ROAD - MANORR	LOWER SCENIC ROAD	TAMALPIAS ROAD	2	C - Collector	500	23	11500	A - AC	6/27/2019	91
MANZAC	10	MANZANITA COURT - MANZAC	MANZANITA ROAD	DEAD END	2	R - Residential/Local	123	10	1230	A - AC	6/27/2019	83
MANZAR	10	MANZANITA ROAD - MANZAR	543 FROM WRENDEN FRUSTRUCK INT	991 FRM WRENDEN FRUSTRUCK INT	2	R - Residential/Local	448	14	6272	O - AC/AC	6/28/2019	70
MANZAR	20	MANZANITA ROAD - MANZAR	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	2	R - Residential/Local	594	14	8316	O - AC/AC	6/27/2019	63
MAPLEA	10	MAPLE AVENUE - MAPLEA	WILLOW AVENUE	LIVE OAK AVENUE	2	R - Residential/Local	387	15	5805	O - AC/AC	6/26/2019	42
MAPLEA	20	MAPLE AVENUE - MAPLEA	LIVE OAK AVENUE	DEAD END	2	R - Residential/Local	685	15	10275	O - AC/AC	6/29/2019	24
MARINC	10	MARINDA COURT - MARINC	MARINDA DRIVE	DEAD END	2	R - Residential/Local	186	29	5394	A - AC	6/29/2019	49
MARIND	10	MARINDA DRIVE - MARIND	SIR FRANCIS DRAKE BOULEVARD	SAN GABRIEL DRIVE	2	C - Collector	685	30	20550	A - AC	6/29/2019	55
MARIND	20	MARINDA DRIVE - MARIND	SAN GABRIEL DRIVE	DEAD END	2	C - Collector	1398	30	41940	A - AC	6/29/2019	53

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MARINR	10	MARIN ROAD - MARINR	OLEMA ROAD	MANOR ROAD (AROUND CIRCLE)	2	C - Collector	398	25	9950	O - AC/AC	6/27/2019	83
MARINR	20	MARIN ROAD - MARINR	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	2	C - Collector	140	48	6720	A - AC	6/27/2019	80
MEADOW	10	MEADOW WAY (1) - MEADOW 1	CASCADE DR	MEADOW WAY (2) "T"	2	R - Residential/Local	380	20	7600	A - AC	6/27/2019	51
MEADOW	20	MEADOW WAY (2) - MEADOW2	N E END	GATE (SW END)	2	R - Residential/Local	805	20	16100	O - AC/AC	6/27/2019	33
MEADOW	30	MEADOW WAY (3) - MEADOW3	MEADOW WAY (2)	E END	2	R - Residential/Local	642	18	11556	A - AC	6/27/2019	72
MEERNA	10	MEERNA AVENUE - MEERNA	CREEK ROAD	IVY LANE	2	C - Collector	870	18	15660	O - AC/AC	6/26/2019	61
MEERNA	20	MEERNA AVENUE - MEERNA	IVY LANE	HILLSIDE DRIVE	2	C - Collector	942	18	16956	O - AC/AC	6/26/2019	80
MEERNA	30	MEERNA AVENUE - MEERNA	HILLSIDE DR	PORTEOUS AV	2	R - Residential/Local	995	19	18905	A - AC	6/26/2019	81
MERWIN	10	MERWIN AVENUE - MERWIN	BROADWAY	PARK ROAD	2	R - Residential/Local	651	21	13671	A - AC	6/28/2019	42
MONOAV	05	MONO AVENUE - MONOAV	BOLINAS RD	BANK ST	2	R - Residential/Local	230	11	2530	A - AC	6/28/2019	10
MONOAV	10	MONO AVENUE - MONOAV	BOLINAS RD	PACHECO AV	2	R - Residential/Local	525	16	8400	O - AC/AC	6/26/2019	100
MONOAV	20	MONO AVENUE - MONOAV	PACHECO AVE	INYO AVE	2	R - Residential/Local	638	20	12760	O - AC/AC	6/26/2019	50
MOUNTA	10	MOUNTAIN VIEW ROAD - MOUNTA	MANZANITA ROAD	TAMALPIAS ROAD	2	R - Residential/Local	1035	14	14490	O - AC/AC	6/27/2019	90
MURIEL	10	MURIEL PLACE - MURIEL	LOWER SCENIC ROAD	DEAD END	2	R - Residential/Local	485	21	10185	O - AC/AC	6/27/2019	73
NAPAAV	10	NAPA AVENUE - NAPAAV	PACHECO AVENUE	DOMINGA AVENUE	2	R - Residential/Local	300	20	6000	O - AC/AC	6/26/2019	59
OAKROA	10	OAK ROAD - OAKROA	LAUREL DRIVE	TOYON DRIVE	2	R - Residential/Local	1249	15	18735	A - AC	6/28/2019	37
OAKTRE	10	OAK TREE LANE - OAKTRE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	494	29	14326	O - AC/AC	6/27/2019	65
OLEMAR	10	OLEMA ROAD - OLEMAR	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	2	C - Collector	1050	24	25200	A - AC	6/27/2019	68
OLEMAR	20	OLEMA ROAD - OLEMAR	MARIN ROAD	TOWN LIMITS	2	C - Collector	1480	23	34040	A - AC	6/27/2019	71
PACHEC	10	PACHECO AVENUE - PACHEC	SIR FRANCIS DRAKE BLVD	DEAD END	2	R - Residential/Local	596	20	11920	O - AC/AC	6/26/2019	55
PARKRO	10	PARK ROAD - PARKRO	BOLINAS ROAD	SCHOOL STREET	2	R - Residential/Local	588	24	14112	O - AC/AC	6/28/2019	57

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PARKRO	20	PARK ROAD - PARKRO	SCHOOL STREET	SPRUCE ROAD	2	R - Residential/Local	585	21	12285	A - AC	6/28/2019	54
PASTOR	10	PASTORI AVENUE - PASTOR	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	608	32	19456	A - AC	6/25/2019	95
PINEDR	10	PINE DRIVE - PINEDR	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	2	C - Collector	635	16	10160	O - AC/AC	6/28/2019	67
PINEDR	20	PINE DRIVE - PINEDR	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	2	C - Collector	1265	14	17710	O - AC/AC	6/28/2019	69
PINEDR	30	PINE DRIVE - PINEDR	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	2	C - Collector	860	14	12040	O - AC/AC	6/28/2019	72
PIPERC	10	PIPER COURT - PIPERC	PIPER LANE	DEAD END	2	R - Residential/Local	492	23	11316	O - AC/AC	6/27/2019	96
PIPERL	10	PIPER LANE - PIPERL	OAK MANOR DRIVE	DEAD END	2	R - Residential/Local	1002	34	34068	O - AC/AC	6/27/2019	98
PORTEO	10	PORTEOUS AVENUE - PORTEO	BOLINAS ROAD	IVY LANE	2	C - Collector	720	18	12960	O - AC/AC	6/26/2019	16
PORTEO	20	PORTEOUS AVENUE - PORTEO	IVY LANE	WOOD LANE	2	C - Collector	261	18	4698	O - AC/AC	6/26/2019	20
PORTEO	30	PORTEOUS AVENUE - PORTEO	WOOD LANE	TOWN LIMITS	2	C - Collector	1160	17	19720	O - AC/AC	6/26/2019	45
REDWOO	10	REDWOOD ROAD - REDWOO	SCENIC ROAD	420' WEST OF SCENIC ROAD	2	C - Collector	420	12	5040	O - AC/AC	6/28/2019	44
REDWOO	20	REDWOOD ROAD - REDWOO	420' WEST OF SCENIC ROAD	1240' WEST OF SCENIC ROAD	2	C - Collector	820	12	9840	O - AC/AC	6/28/2019	27
REDWOO	30	REDWOOD ROAD - REDWOO	1240' WEST OF SCENIC ROAD	1800' WEST OF SCENIC ROAD	2	C - Collector	560	14	7840	O - AC/AC	6/28/2019	63
RIDGER	10	RIDGE ROAD - RIDGER	SCENIC ROAD	CUL-DE-SAC	2	R - Residential/Local	1536	12	18432	O - AC/AC	6/29/2019	55
RIDGEW	10	RIDGEWAY AVENUE - RIDGEW	LIVE OAK AV	END	2	R - Residential/Local	1350	16	21600	O - AC/AC	6/26/2019	75
ROCCAD	20	ROCCA DRIVE - ROCCAD	TAYLOR DRIVE	TAYLOR DRIVE AT SADY LANE	2	R - Residential/Local	1701	14	23814	O - AC/AC	6/29/2019	76
ROCKRI	10	ROCK RIDGE ROAD - ROCKRI	MANOR ROAD	BOTHIN ROAD	2	R - Residential/Local	1115	25	27875	A - AC	6/27/2019	7
SANGAC	10	SAN GABRIEL COURT - SANGAC	SAN GABRIEL DRIVE	DEAD END	2	R - Residential/Local	177	30	5310	A - AC	6/29/2019	48
SANGAD	10	SAN GABRIEL DRIVE - SANGAD	MARINDA DRIVE	1148' EAST OF MARINDA DRIVE	2	C - Collector	1148	30	34440	A - AC	6/29/2019	52
SANGAD	20	SAN GABRIEL DRIVE - SANGAD	1148' EAST OF MARINDA DRIVE	DEAD END	2	C - Collector	633	30	18990	A - AC	6/29/2019	34

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SANMIG	10	SAN MIGUEL COURT - SANMIG	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	409	23	9407	O - AC/AC	6/29/2019	34
SCENIC	05	SCENIC ROAD - SCENIC	AZALEA AVENUE	ACACIA ROAD	2	R - Residential/Local	1165	18	20970	A - AC	6/27/2019	32
SCENIC	10	SCENIC ROAD - SCENIC	ACACIA ROAD	TAMALPIAS ROAD	2	A - Arterial	625	24	15000	A - AC	6/27/2019	51
SCENIC	20A	SCENIC ROAD - SCENIC	TAMALPIAS ROAD	BAY ROAD	2	A - Arterial	535	14	7490	O - AC/AC	6/28/2019	100
SCENIC	20B	SCENIC ROAD - SCENIC	BAY ROAD	200 FT W. BAY ROAD	2	A - Arterial	200	14	2800	O - AC/AC	6/28/2019	62
SCENIC	30	SCENIC ROAD - SCENIC	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	2	A - Arterial	922	15	13830	O - AC/AC	6/28/2019	65
SCENIC	40	SCENIC ROAD - SCENIC	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	2	A - Arterial	458	14	6412	O - AC/AC	6/28/2019	69
SCENIC	50	SCENIC ROAD - SCENIC	REDWOOD ROAD	TAMALPIAS ROAD	2	A - Arterial	580	14	8120	O - AC/AC	6/28/2019	88
SCENIC	60	SCENIC ROAD - SCENIC	TAMALPIAS ROAD	UPPER SCENIC ROAD	2	A - Arterial	1145	15	17175	A - AC	6/28/2019	52
SCHOOL	10	SCHOOL STREET - SCHOOL	BROADWAY	PARKING LOT	2	R - Residential/Local	120	25	3000	A - AC	6/28/2019	12
SCHOOL	20	SCHOOL STREET - SCHOOL	PARK ROAD	DEAD END	2	R - Residential/Local	150	25	3750	A - AC	6/28/2019	83
SEQUOI	10	SEQUOIA ROAD - SEQUOI	LOWER SCENIC ROAD	SPRUCE ROAD	2	R - Residential/Local	974	19	18506	O - AC/AC	6/27/2019	70
SHEMRC	10	SHEMRAN COURT - SHEMRC	SIR FRANCIS DRAKE BOULEVARD	NORTH TO DEAD END	2	R - Residential/Local	380	23	8740	A - AC	6/27/2019	83
SHERMA	10	SHERMAN AVENUE - SHERMA	BOLINAS ROAD	DOMINGA AVENUE	2	R - Residential/Local	262	18	4716	O - AC/AC	6/26/2019	65
SIRFRA	10	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	TOWN LIMITS	PACHECO AVENUE	2	A - Arterial	1526	36	54936	O - AC/AC	6/29/2019	69
SIRFRA	100	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	GLEN DRIVE	TOWN LIMITS	2	A - Arterial	1302	45	58590	O - AC/AC	6/29/2019	82
SIRFRA	20	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	PACHECO AVENUE	BANK STREET	2	A - Arterial	819	35	28665	A - AC	6/29/2019	63
SIRFRA	30	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	BANK STREET	BROADWAY	2	A - Arterial	939	36	33804	A - AC	6/29/2019	74
SIRFRA	40	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	BROADWAY	SAN MIGUEL COURT	2	A - Arterial	939	47	44133	A - AC	6/29/2019	76
SIRFRA	50	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	SAN MIGUEL COURT	OAK TREE LANE	2	A - Arterial	870	35	30450	A - AC	6/29/2019	76
SIRFRA	60	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	OAK TREE LANE	OAK MANOR DRIVE	2	A - Arterial	722	35	25270	O - AC/AC	6/29/2019	47

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SIRFRA	70	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	OAK MANOR DRIVE	1003' WEST OF OAK MANOR DRIVE	2	A - Arterial	1003	45	45135	O - AC/AC	6/29/2019	34
SIRFRA	80	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	1003' WEST OF OAK MANOR DRIVE	455' NORTH OF JUNE COURT	2	A - Arterial	1053	35	36855	O - AC/AC	6/29/2019	44
SIRFRA	90	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	455' NORTH OF JUNE COURT	GLEN DRIVE	2	A - Arterial	795	60	47700	O - AC/AC	6/29/2019	89
SPRING	10	SPRING LANE - SPRING	HILLSIDE DRIVE	DEAD END	2	R - Residential/Local	1376	15	20640	O - AC/AC	6/26/2019	72
SPRUCE	10	SPRUCE ROAD - SPRUCE	AZALEA ROAD	PARK ROAD	2	C - Collector	732	21	15372	A - AC	6/28/2019	34
SPRUCE	15	SPRUCE ROAD - SPRUCE	PARK ROAD	610 FT WEST OF PARK ROAD	1	C - Collector	610	12	7320	O - AC/AC	6/28/2019	76
SPRUCE	25	SPRUCE ROAD - SPRUCE	610 FT WEST OF PARK ROAD	TAMALPAIS ROAD	1	C - Collector	765	12	9180	O - AC/AC	6/28/2019	82
SUMMER	10	SUMMER AVENUE - SUMMER	FOREST AVENUE	DEAD END	2	R - Residential/Local	284	15	4260	O - AC/AC	6/26/2019	90
TAMALP	10A	TAMALPAIS ROAD - TAMALP	SEQUOIA ROAD	SPRUCE ROAD	2	A - Arterial	615	16	9840	A - AC	6/28/2019	28
TAMALP	10B	TAMALPAIS ROAD - TAMALP	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	2	A - Arterial	370	16	5920	O - AC/AC	6/28/2019	81
TAMALP	20	TAMALPAIS ROAD - TAMALP	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	2	A - Arterial	1050	15	15750	O - AC/AC	6/28/2019	85
TAMALP	30	TAMALPAIS ROAD - TAMALP	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	2	A - Arterial	812	16	12992	O - AC/AC	6/27/2019	63
TAMALP	40	TAMALPAIS ROAD - TAMALP	BERRY TRAIL	MOUNTAIN VIEW ROAD	2	A - Arterial	835	15	12525	O - AC/AC	6/27/2019	70
TAMALP	50	TAMALPAIS ROAD - TAMALP	MOUNTAIN VIEW ROAD	SCENIC ROAD	2	A - Arterial	590	12	7080	O - AC/AC	6/28/2019	99
TAMALP	60	TAMALPAIS ROAD - TAMALP	SCENIC ROAD	DEAD END	2	A - Arterial	1135	10	11350	O - AC/AC	6/28/2019	81
TAYLOR	10	TAYLOR DRIVE - TAYLOR	SIR FRANCIS DRAKE BOULEVARD	CLAUS DRIVE	2	R - Residential/Local	618	14	8652	A - AC	6/26/2019	40
TAYLOR	20	TAYLOR DRIVE - TAYLOR	CLAUS DRIVE	PARKER LANE	2	R - Residential/Local	855	14	11970	O - AC/AC	6/26/2019	12
TAYLOR	30	TAYLOR DRIVE - TAYLOR	TAYLOR DRIVE INTERSECTION	ROCCA DRIVE AT SADY LANE	2	R - Residential/Local	840	14	11760	O - AC/AC	6/26/2019	24
TOYONR	10	TOYON DRIVE - TOYONR	OAK ROAD	NORTH DEAD END	2	R - Residential/Local	710	22	15620	A - AC	6/28/2019	90
TOYONR	20	TOYON DRIVE - TOYONR	OAK ROAD	SOUTH DEAD END	2	R - Residential/Local	1000	20	20000	A - AC	6/28/2019	37
VALLEY	10	VALLEY ROAD - VALLEY	WILLIS LANE	DEAD END	1	R - Residential/Local	330	14	4620	O - AC/AC	6/27/2019	70

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
VANNI	10	VANNI LN - VANNI	RIDGEWAY AV	CHESTER AV	2	R - Residential/Local	760	14	10640	A - AC	6/26/2019	33
VISTAW	10	VISTA WAY - VISTAW	SAN GABRIEL DRIVE	DEAD END	2	R - Residential/Local	366	32	11712	A - AC	6/29/2019	19
WESTBR	10	WESTBRAE DRIVE - WESTBR	OLEMA ROAD	OLEMA ROAD	2	R - Residential/Local	760	25	19000	O - AC/AC	6/27/2019	61
WILLIS	10	WILLIS LN - WILLIS	FRUSTUCK AV	END	2	R - Residential/Local	217	14	3038	A - AC	6/27/2019	7
WILLOW	10	WILLOW AVENUE - WILLOW	SIR FRANCIS DRAKE BOULEVARD	MAPLE AVENUE	2	C - Collector	837	20	16740	O - AC/AC	6/26/2019	44
WILLOW	20	WILLOW AVENUE - WILLOW	MAPLE AVENUE	912' NORTH OF MAPLE AVENUE	2	C - Collector	912	20	18240	O - AC/AC	6/26/2019	48
WILLOW	30	WILLOW AVENUE - WILLOW	912' NORTH OF MAPLE AVENUE	CHESTER AVENUE	2	C - Collector	527	20	10540	O - AC/AC	6/26/2019	34
WOODLA	10	WOOD LANE - WOODLA	PORTEOUS AVENUE	780' WEST OF PORTEOUS AVENUE	2	R - Residential/Local	780	17	13260	A - AC	6/26/2019	19
WOODLA	20	WOOD LANE - WOODLA	780' WEST OF PORTEOUS AVENUE	DEAD END	2	R - Residential/Local	983	17	16711	A - AC	6/26/2019	24
WOODRO	10	WOODLAND ROAD - WOODRO	LAUREL DRIVE	OAK ROAD	1	R - Residential/Local	1284	10	12840	O - AC/AC	6/28/2019	64
WREDEN	10	WREDEN AVENUE - WREDEN	PARK ROAD	FRUSTUCK AVENUE	2	R - Residential/Local	576	16	9216	O - AC/AC	6/28/2019	73
WREDEN	20	WREDEN AVENUE - WREDEN	FRUSTUCK AVENUE	MANZANITA ROAD	2	R - Residential/Local	543	15	8145	O - AC/AC	6/28/2019	66

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BRIDGE	10	BRIDGE COURT - BRIDGE	DOMINGA AVENUE	DEAD END	2	R - Residential/Local	97	16	1552	O - AC/AC	6/26/2019	100
COURTL	10	COURT LANE - COURTL	DOMINGA AVENUE	DEAD END	1	R - Residential/Local	141	14	1974	O - AC/AC	6/26/2019	100
MONOAV	10	MONO AVENUE - MONOAV	BOLINAS RD	PACHECO AV	2	R - Residential/Local	525	16	8400	O - AC/AC	6/26/2019	100
SCENIC	20A	SCENIC ROAD - SCENIC	TAMALPIAS ROAD	BAY ROAD	2	A - Arterial	535	14	7490	O - AC/AC	6/28/2019	100
COOLID	10	COOLID AVENUE - COOLID	BELMONT AVENUE	BELLE AVENUE	2	R - Residential/Local	227	14	3178	O - AC/AC	6/26/2019	99
TAMALP	50	TAMALPAIS ROAD - TAMALP	MOUNTAIN VIEW ROAD	SCENIC ROAD	2	A - Arterial	590	12	7080	O - AC/AC	6/28/2019	99
PIPERL	10	PIPER LANE - PIPERL	OAK MANOR DRIVE	DEAD END	2	R - Residential/Local	1002	34	34068	O - AC/AC	6/27/2019	98
BELMON	20	BELMONT AVENUE - BELMON	KENT AVENUE	TOWN LIMITS	2	R - Residential/Local	543	14	7602	O - AC/AC	6/25/2019	96
COREEL	10	COREE LANE - COREEL	FRUSTUCK AVENUE	DEAD END	2	R - Residential/Local	267	14	3738	A - AC	6/27/2019	96
PIPERC	10	PIPER COURT - PIPERC	PIPER LANE	DEAD END	2	R - Residential/Local	492	23	11316	O - AC/AC	6/27/2019	96
BELLEA	20	BELLE AVENUE - BELLEA	KENT AVENUE	TOWN LIMITS	2	R - Residential/Local	515	18	9270	O - AC/AC	6/25/2019	95
PASTOR	10	PASTORI AVENUE - PASTOR	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	608	32	19456	A - AC	6/25/2019	95
BAYWOO	10	BAYWOOD COURT - BAYWOO	LANDSDALE AVENUE	DEAD END	2	R - Residential/Local	470	18	8460	O - AC/AC	6/25/2019	93
LANSDA	10	LANSDALE AVENUE - LANSDA	PASTORI AVENUE	TOWN LIMITS	2	R - Residential/Local	794	18	14292	O - AC/AC	6/25/2019	92
MANORR	25	MANOR ROAD - MANORR	LOWER SCENIC ROAD	TAMALPIAS ROAD	2	C - Collector	500	23	11500	A - AC	6/27/2019	91
MOUNTA	10	MOUNTAIN VIEW ROAD - MOUNTA	MANZANITA ROAD	TAMALPIAS ROAD	2	R - Residential/Local	1035	14	14490	O - AC/AC	6/27/2019	90
SUMMER	10	SUMMER AVENUE - SUMMER	FOREST AVENUE	DEAD END	2	R - Residential/Local	284	15	4260	O - AC/AC	6/26/2019	90
TOYONR	10	TOYON DRIVE - TOYONR	OAK ROAD	NORTH DEAD END	2	R - Residential/Local	710	22	15620	A - AC	6/28/2019	90
SIRFRA	90	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	455' NORTH OF JUNE COURT	GLEN DRIVE	2	A - Arterial	795	60	47700	O - AC/AC	6/29/2019	89
SCENIC	50	SCENIC ROAD - SCENIC	REDWOOD ROAD	TAMALPIAS ROAD	2	A - Arterial	580	14	8120	O - AC/AC	6/28/2019	88
AZALEA	10	AZALEA AVENUE - AZALEA	SIR FRANCIS DRAKE BLVD	SEQUOIA RD	2	R - Residential/Local	789	20	15780	O - AC/AC	6/28/2019	87
TAMALP	20	TAMALPAIS ROAD - TAMALP	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	2	A - Arterial	1050	15	15750	O - AC/AC	6/28/2019	85
ALDERC	10	ALDER COURT - ALDERC	LANDSDALE AVE	DEAD END	2	R - Residential/Local	195	12	2340	O - AC/AC	6/25/2019	84
BELLEA	10	BELLE AVENUE - BELLEA	PASTORI AVENUE	KENT AVENUE	2	R - Residential/Local	295	18	5310	O - AC/AC	6/25/2019	84
BOTHIN	10	BOTHIN ROAD - BOTHIN	MARIN AVENUE	OLEMA ROAD	2	C - Collector	460	26	11960	O - AC/AC	6/27/2019	83

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MANZAC	10	MANZANITA COURT - MANZAC	MANZANITA ROAD	DEAD END	2	R - Residential/Local	123	10	1230	A - AC	6/27/2019	83
MARINR	10	MARIN ROAD - MARINR	OLEMA ROAD	MANOR ROAD (AROUND CIRCLE)	2	C - Collector	398	25	9950	O - AC/AC	6/27/2019	83
SCHOOL	20	SCHOOL STREET - SCHOOL	PARK ROAD	DEAD END	2	R - Residential/Local	150	25	3750	A - AC	6/28/2019	83
SHEMRC	10	SHEMRAN COURT - SHEMRC	SIR FRANCIS DRAKE BOULEVARD	NORTH TO DEAD END	2	R - Residential/Local	380	23	8740	A - AC	6/27/2019	83
MAINC	10	MAIN COURT - MAINCO	PACHECO AVENUE	DEAD END	2	R - Residential/Local	208	20	4160	O - AC/AC	6/26/2019	82
SIRFRA	100	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	GLEN DRIVE	TOWN LIMITS	2	A - Arterial	1302	45	58590	O - AC/AC	6/29/2019	82
SPRUCE	25	SPRUCE ROAD - SPRUCE	610 FT WEST OF PARK ROAD	TAMALPIAS ROAD	1	C - Collector	765	12	9180	O - AC/AC	6/28/2019	82
CENTER	10	CENTER BOULEVARD - CENTER	TOWN LIMITS	PASTORI AVENUE	2	R - Residential/Local	808	40	32320	A - AC	6/25/2019	81
HICKOR	05	HICKORY ROAD - HICKOR	CASADE DR	CYPRESS DR	2	R - Residential/Local	178	20	3560	A - AC	6/27/2019	81
MEERNA	30	MEERNA AVENUE - MEERNA	HILLSIDE DR	PORTEOUS AV	2	R - Residential/Local	995	19	18905	A - AC	6/26/2019	81
TAMALP	60	TAMALPAIS ROAD - TAMALP	SCENIC ROAD	DEAD END	2	A - Arterial	1135	10	11350	O - AC/AC	6/28/2019	81
TAMALP	10B	TAMALPAIS ROAD - TAMALP	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	2	A - Arterial	370	16	5920	O - AC/AC	6/28/2019	81
MARINR	20	MARIN ROAD - MARINR	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	2	C - Collector	140	48	6720	A - AC	6/27/2019	80
MEERNA	20	MEERNA AVENUE - MEERNA	IVY LANE	HILLSIDE DRIVE	2	C - Collector	942	18	16956	O - AC/AC	6/26/2019	80
CANYON	10	CANYON ROAD - CANYON	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	2	C - Collector	1017	14	14238	O - AC/AC	6/27/2019	79
CASCAD	80	CASCADE DRIVE - CASCAD	1770' WEST OF CANYON ROAD	DEAD END	2	R - Residential/Local	833	15	12495	O - AC/AC	6/27/2019	79
CYPRES	50	CYPRESS DRIVE - CYPRES	935' NORTH OF LAUREL	LAUREL DRIVE	2	C - Collector	1700	16	27200	O - AC/AC	6/28/2019	79
IRONSP	10	IRON SPRINGS ROAD - IRONSP	ROCK RIDGE ROAD	DEAD END	2	R - Residential/Local	886	12	10632	O - AC/AC	6/27/2019	79
CASCAD	10	CASCADE DRIVE - CASCAD	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	2	C - Collector	1285	32	41120	O - AC/AC	6/28/2019	77
FRUSTU	10	FRUSTUCK AVENUE - FRUSTU	PARK ROAD	WRENDEN AVENUE	2	C - Collector	839	15	12585	O - AC/AC	6/28/2019	77

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CASCAD	40	CASCADE DRIVE - CASCAD	MEADOW WAY	690' WEST OF MEADOW WAY	2	R - Residential/Local	690	24	16560	O - AC/AC	6/27/2019	76
GLENDR	20	GLEN DRIVE - GLENDR	1260' NORTH OF SFD BLVD	TOWN LIMIT	2	C - Collector	1200	40	48000	O - AC/AC	6/27/2019	76
ROCCAD	20	ROCCA DRIVE - ROCCAD	TAYLOR DRIVE	TAYLOR DRIVE AT SADY LANE	2	R - Residential/Local	1701	14	23814	O - AC/AC	6/29/2019	76
SIRFRA	40	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	BROADWAY	SAN MIGUEL COURT	2	A - Arterial	939	47	44133	A - AC	6/29/2019	76
SIRFRA	50	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	SAN MIGUEL COURT	OAK TREE LANE	2	A - Arterial	870	35	30450	A - AC	6/29/2019	76
SPRUCE	15	SPRUCE ROAD - SPRUCE	PARK ROAD	610 FT WEST OF PARK ROAD	1	C - Collector	610	12	7320	O - AC/AC	6/28/2019	76
CASCAD	30	CASCADE DRIVE - CASCAD	LAUREL DRIVE	MEADOW WAY	2	R - Residential/Local	1295	20	25900	O - AC/AC	6/27/2019	75
FORREA	10	FORREST AVENUE - FORREA	MEERNAA AVENUE	SUMMER AVENUE	2	C - Collector	1080	14	15120	O - AC/AC	6/26/2019	75
LAUREL	10	LAUREL DRIVE - LAUREL	CASCADE DRIVE	PINE ROAD	2	C - Collector	950	14	13300	A - AC	6/27/2019	75
RIDGEW	10	RIDGEWAY AVENUE - RIDGEW	LIVE OAK AV	END	2	R - Residential/Local	1350	16	21600	O - AC/AC	6/26/2019	75
ARROYO	10	ARROYO ROAD - ARROYO	LOWER SCENIC ROAD	SPRUCE ROAD	2	R - Residential/Local	646	12	7752	O - AC/AC	6/28/2019	74
BOTHIN	20	BOTHIN ROAD - BOTHIN	OLEMA ROAD	1041' WEST OF OLEMA ROAD	2	C - Collector	1041	26	27066	O - AC/AC	6/27/2019	74
BROADW	35A	BROADWAY - BROADW	AZALEA AVENUE	50 FT. NW AZALEA AVE.	2	C - Collector	50	22	1100	O - AC/AC	6/28/2019	74
SIRFRA	30	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	BANK STREET	BROADWAY	2	A - Arterial	939	36	33804	A - AC	6/29/2019	74
CASCAD	20	CASCADE DRIVE - CASCAD	1285' WEST OF BOLINAS DR	LAUREL DRIVE	2	C - Collector	853	21	17913	O - AC/AC	6/28/2019	73
CASCAD	60	CASCADE DRIVE - CASCAD	CANYON ROAD	890' WEST OF CANYON ROAD	2	R - Residential/Local	890	18	16020	O - AC/AC	6/27/2019	73
CYPRES	40	CYPRESS DRIVE - CYPRES	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	2	C - Collector	765	16	12240	O - AC/AC	6/28/2019	73
MURIEL	10	MURIEL PLACE - MURIEL	LOWER SCENIC ROAD	DEAD END	2	R - Residential/Local	485	21	10185	O - AC/AC	6/27/2019	73
WREDEN	10	WREDEN AVENUE - WREDEN	PARK ROAD	FRUSTUCK AVENUE	2	R - Residential/Local	576	16	9216	O - AC/AC	6/28/2019	73
FORREA	20	FORREST AVENUE - FORREA	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	2	C - Collector	1230	14	17220	C - AC/PCC	6/26/2019	72
GLENDR	10	GLEN DRIVE - GLENDR	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	2	C - Collector	1260	35	44100	O - AC/AC	6/27/2019	72

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KENTAV	10	KENT AVENUE - KENTAV	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	2	R - Residential/Local	481	24	11544	A - AC	6/25/2019	72
MANORR	10	MANOR ROAD - MANORR	MARIN AVENUE	OLEMA ROAD	2	R - Residential/Local	393	26	10218	O - AC/AC	6/27/2019	72
MEADOW	30	MEADOW WAY (3) - MEADOW3	MEADOW WAY (2)	E END	2	R - Residential/Local	642	18	11556	A - AC	6/27/2019	72
PINEDR	30	PINE DRIVE - PINEDR	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	2	C - Collector	860	14	12040	O - AC/AC	6/28/2019	72
SPRING	10	SPRING LANE - SPRING	HILLSIDE DRIVE	DEAD END	2	R - Residential/Local	1376	15	20640	O - AC/AC	6/26/2019	72
CENTER	20	CENTER BOULEVARD - CENTER	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	2	R - Residential/Local	727	51	37077	A - AC	6/29/2019	71
OLEMAR	20	OLEMA ROAD - OLEMAR	MARIN ROAD	TOWN LIMITS	2	C - Collector	1480	23	34040	A - AC	6/27/2019	71
CYPRES	10	CYPRESS DRIVE - CYPRES	CASCADE DRIVE	760' WEST OF HICKORY ROAD	2	C - Collector	1264	34	42976	O - AC/AC	6/27/2019	70
FRUSTU	30	FRUSTUCK AVENUE - FRUSTU	MANZANITA ROAD	WILLIS LANE	2	C - Collector	1029	14	14406	A - AC	6/27/2019	70
LIVEOA	10	LIVE OAK AVENUE - LIVEOA	MAPLE AVENUE	1027' WEST OF MAPLE AVENUE	2	R - Residential/Local	1027	18	18486	O - AC/AC	6/26/2019	70
MANZAR	10	MANZANITA ROAD - MANZAR	543 FROM WRENDEN FRUSTRUCK INT	991 FRM WRENDEN FRUSTRUCK INT	2	R - Residential/Local	448	14	6272	O - AC/AC	6/28/2019	70
SEQUOI	10	SEQUOIA ROAD - SEQUOI	LOWER SCENIC ROAD	SPRUCE ROAD	2	R - Residential/Local	974	19	18506	O - AC/AC	6/27/2019	70
TAMALP	40	TAMALPAIS ROAD - TAMALP	BERRY TRAIL	MOUNTAIN VIEW ROAD	2	A - Arterial	835	15	12525	O - AC/AC	6/27/2019	70
VALLEY	10	VALLEY ROAD - VALLEY	WILLIS LANE	DEAD END	1	R - Residential/Local	330	14	4620	O - AC/AC	6/27/2019	70
BOTHIN	30	BOTHIN ROAD - BOTHIN	1041' WEST OF OLEMA ROAD	TOWN LIMITS	2	C - Collector	1031	25	25775	O - AC/AC	6/27/2019	69
BROADW	10b	BROADWAY - BROADW	CLAUS	BANK	3	C - Collector	155	60	9300	O - AC/AC	6/28/2019	69
FORREA	30	FORREST AVENUE - FORREA	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	2	C - Collector	1000	14	14000	C - AC/PCC	6/26/2019	69
PINEDR	20	PINE DRIVE - PINEDR	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	2	C - Collector	1265	14	17710	O - AC/AC	6/28/2019	69
SCENIC	40	SCENIC ROAD - SCENIC	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	2	A - Arterial	458	14	6412	O - AC/AC	6/28/2019	69
SIRFRA	10	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	TOWN LIMITS	PACHECO AVENUE	2	A - Arterial	1526	36	54936	O - AC/AC	6/29/2019	69
BARKER	10	BARKER AVENUE - BARKER	PORTEOUS AVENUE	DEAD END	2	R - Residential/Local	345	18	6210	O - AC/AC	6/26/2019	68

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
CASCAD	50	CASCADE DRIVE - CASCAD	690' WEST OF MEADOW WAY	CANYON ROAD	2	R - Residential/Local	933	21	19593	O - AC/AC	6/27/2019	68
OLEMAR	10	OLEMA ROAD - OLEMAR	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	2	C - Collector	1050	24	25200	A - AC	6/27/2019	68
CENTER	30	CENTER BOULEVARD - CENTER	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	2	R - Residential/Local	599	54	32346	O - AC/AC	6/29/2019	67
PINEDR	10	PINE DRIVE - PINEDR	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	2	C - Collector	635	16	10160	O - AC/AC	6/28/2019	67
BROADW	10a	BROADWAY - BROADW	SIR FRAN. DRK. BL. AT PACHECO	CLAUS	3	C - Collector	828	60	49680	A - AC	6/29/2019	66
CASCAD	70	CASCADE DRIVE - CASCAD	890' WEST OF CANYON ROAD	1770' WEST OF CANYON ROAD	2	R - Residential/Local	880	15	13200	O - AC/AC	6/27/2019	66
WREDEN	20	WREDEN AVENUE - WREDEN	FRUSTUCK AVENUE	MANZANITA ROAD	2	R - Residential/Local	543	15	8145	O - AC/AC	6/28/2019	66
DOMING	10	DOMINGA AVENUE - DOMING	CREEK ROAD	BRIDGE COURT	2	C - Collector	847	20	16940	O - AC/AC	6/26/2019	65
OAKTRE	10	OAK TREE LANE - OAKTRE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	494	29	14326	O - AC/AC	6/27/2019	65
SCENIC	30	SCENIC ROAD - SCENIC	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	2	A - Arterial	922	15	13830	O - AC/AC	6/28/2019	65
SHERMA	10	SHERMAN AVENUE - SHERMA	BOLINAS ROAD	DOMINGA AVENUE	2	R - Residential/Local	262	18	4716	O - AC/AC	6/26/2019	65
WOODRO	10	WOODLAND ROAD - WOODRO	LAUREL DRIVE	OAK ROAD	1	R - Residential/Local	1284	10	12840	O - AC/AC	6/28/2019	64
MANZAR	20	MANZANITA ROAD - MANZAR	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	2	R - Residential/Local	594	14	8316	O - AC/AC	6/27/2019	63
REDWOO	30	REDWOOD ROAD - REDWOO	1240' WEST OF SCENIC ROAD	1800' WEST OF SCENIC ROAD	2	C - Collector	560	14	7840	O - AC/AC	6/28/2019	63
SIRFRA	20	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	PACHECO AVENUE	BANK STREET	2	A - Arterial	819	35	28665	A - AC	6/29/2019	63
TAMALP	30	TAMALPAIS ROAD - TAMALP	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	2	A - Arterial	812	16	12992	O - AC/AC	6/27/2019	63
BELMON	10	BELMONT AVENUE - BELMON	PASTORI AVENUE	KENT AVENUE	2	R - Residential/Local	271	24	6504	O - AC/AC	6/25/2019	62
CANYON	20	CANYON ROAD - CANYON	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	2	C - Collector	1437	17	24429	O - AC/AC	6/27/2019	62
SCENIC	20B	SCENIC ROAD - SCENIC	BAY ROAD	200 FT W. BAY ROAD	2	A - Arterial	200	14	2800	O - AC/AC	6/28/2019	62

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
CANYON	30	CANYON ROAD - CANYON	2428' WEST OF CASCADE DRIVE	DEAD END	2	C - Collector	672	14	9408	O - AC/AC	6/27/2019	61
FRUSTU	50	FRUSTUCK AVENUE - FRUSTU	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	2	C - Collector	500	14	7000	A - AC	6/27/2019	61
LAUREL	20	LAUREL DRIVE - LAUREL	PINE ROAD	WOODLAND ROAD	2	C - Collector	1382	18	24876	O - AC/AC	6/28/2019	61
MEERNA	10	MEERNA AVENUE - MEERNA	CREEK ROAD	IVY LANE	2	C - Collector	870	18	15660	O - AC/AC	6/26/2019	61
WESTBR	10	WESTBRAE DRIVE - WESTBR	OLEMA ROAD	OLEMA ROAD	2	R - Residential/Local	760	25	19000	O - AC/AC	6/27/2019	61
LIVEOA	20	LIVE OAK AVENUE - LIVEOA	1027' WEST OF MAPLE AVENUE	DEAD END	2	R - Residential/Local	858	18	15444	O - AC/AC	6/26/2019	59
NAPAAV	10	NAPA AVENUE - NAPAAV	PACHECO AVENUE	DOMINGA AVENUE	2	R - Residential/Local	300	20	6000	O - AC/AC	6/26/2019	59
CRESCE	10	CRESCENT CIRCLE - CRESCE	OAK TREE LANE	DEAD END	2	R - Residential/Local	331	29	9599	O - AC/AC	6/27/2019	58
BLACKB	10	BLACKBERRY LANE - BLACKB	CREEK ROAD	FORREST AVE	2	R - Residential/Local	190	18	3420	O - AC/AC	6/26/2019	57
PARKRO	10	PARK ROAD - PARKRO	BOLINAS ROAD	SCHOOL STREET	2	R - Residential/Local	588	24	14112	O - AC/AC	6/28/2019	57
BOLINA	20	BOLINAS ROAD - BOLINA	PARK ROAD	CASCADE DRIVE	2	A - Arterial	1227	36	44172	A - AC	6/28/2019	56
BANKST	10	BANK STREET - BANKST	BROADWAY	ELSIE LANE	2	R - Residential/Local	280	32	8960	A - AC	6/28/2019	55
BROADW	35B	BROADWAY - BROADW	50 FT NW AZALEA AVE.	SIR FRANCIS DRAKE BLVD.	2	C - Collector	340	22	7480	A - AC	6/28/2019	55
DOMING	20	DOMINGA AVENUE - DOMING	BRIDGE COURT	NAPA AVENUE	2	C - Collector	472	20	9440	O - AC/AC	6/26/2019	55
MARIND	10	MARINDA DRIVE - MARIND	SIR FRANCIS DRAKE BOULEVARD	SAN GABRIEL DRIVE	2	C - Collector	685	30	20550	A - AC	6/29/2019	55
PACHEC	10	PACHECO AVENUE - PACHEC	SIR FRANCIS DRAKE BLVD	DEAD END	2	R - Residential/Local	596	20	11920	O - AC/AC	6/26/2019	55
RIDGER	10	RIDGE ROAD - RIDGER	SCENIC ROAD	CUL-DE-SAC	2	R - Residential/Local	1536	12	18432	O - AC/AC	6/29/2019	55
FORREA	40	FORREST AVENUE - FORREA	2230' EAST OF SUMMER AVENUE	TOWN LIMITS	2	C - Collector	850	14	11900	C - AC/PCC	6/29/2019	54
PARKRO	20	PARK ROAD - PARKRO	SCHOOL STREET	SPRUCE ROAD	2	R - Residential/Local	585	21	12285	A - AC	6/28/2019	54
CHESTE	10	CHESTER AVENUE - CHESTE	WILLOW AVENUE	402' WEST OF WILLOW AVENUE	2	R - Residential/Local	402	14	5628	O - AC/AC	6/26/2019	53
MARIND	20	MARINDA DRIVE - MARIND	SAN GABRIEL DRIVE	DEAD END	2	C - Collector	1398	30	41940	A - AC	6/29/2019	53
SANGAD	10	SAN GABRIEL DRIVE - SANGAD	MARINDA DRIVE	1148' EAST OF MARINDA DRIVE	2	C - Collector	1148	30	34440	A - AC	6/29/2019	52
SCENIC	60	SCENIC ROAD - SCENIC	TAMALPIAS ROAD	UPPER SCENIC ROAD	2	A - Arterial	1145	15	17175	A - AC	6/28/2019	52

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
BROADW	25	BROADWAY - BROADW	MERWIN AVENUE	AZALEA AVENUE	2	C - Collector	402	22	8844	O - AC/AC	6/28/2019	51
HILLSI	50	HILLSIDE DRIVE - HILLSI	CREST ROAD	DEAD END	2	C - Collector	850	14	11900	O - AC/AC	6/26/2019	51
MEADOW	10	MEADOW WAY (1) - MEADOW 1	CASCADE DR	MEADOW WAY (2) "T"	2	R - Residential/Local	380	20	7600	A - AC	6/27/2019	51
SCENIC	10	SCENIC ROAD - SCENIC	ACACIA ROAD	TAMALPIAS ROAD	2	A - Arterial	625	24	15000	A - AC	6/27/2019	51
CLAUSD	10	CLAUS DRIVE - CLAUDS	SIR FRANCIS DRAKE BOULEVARD	TAYLOR DRIVE	2	R - Residential/Local	494	26	12844	A - AC	6/26/2019	50
MONOAV	20	MONO AVENUE - MONOAV	PACHECO AVE	INYO AVE	2	R - Residential/Local	638	20	12760	O - AC/AC	6/26/2019	50
MARINC	10	MARINDA COURT - MARINC	MARINDA DRIVE	DEAD END	2	R - Residential/Local	186	29	5394	A - AC	6/29/2019	49
CHESTE	20	CHESTER AVENUE - CHESTE	LIVE OAK AVENUE	556' NORTH OF LIVE OAK AVENUE	2	R - Residential/Local	556	14	7784	O - AC/AC	6/26/2019	48
SANGAC	10	SAN GABRIEL COURT - SANGAC	SAN GABRIEL DRIVE	DEAD END	2	R - Residential/Local	177	30	5310	A - AC	6/29/2019	48
WILLOW	20	WILLOW AVENUE - WILLOW	MAPLE AVENUE	912' NORTH OF MAPLE AVENUE	2	C - Collector	912	20	18240	O - AC/AC	6/26/2019	48
IVYLAN	10	IVY LANE - IVYLAN	PORTEOUS AVENUE	MEERNA AVENUE	2	R - Residential/Local	118	18	2124	O - AC/AC	6/26/2019	47
SIRFRA	60	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	OAK TREE LANE	OAK MANOR DRIVE	2	A - Arterial	722	35	25270	O - AC/AC	6/29/2019	47
BOLINA	10	BOLINAS ROAD - BOLINA	BROADWAY	PARK ROAD	2	A - Arterial	962	34	32708	A - AC	6/28/2019	46
JUNECO	10	JUNE COURT - JUNECO	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	309	16	4944	A - AC	6/27/2019	45
PORTEO	30	PORTEOUS AVENUE - PORTEO	WOOD LANE	TOWN LIMITS	2	C - Collector	1160	17	19720	O - AC/AC	6/26/2019	45
REDWOO	10	REDWOOD ROAD - REDWOO	SCENIC ROAD	420' WEST OF SCENIC ROAD	2	C - Collector	420	12	5040	O - AC/AC	6/28/2019	44
SIRFRA	80	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	1003' WEST OF OAK MANOR DRIVE	455' NORTH OF JUNE COURT	2	A - Arterial	1053	35	36855	O - AC/AC	6/29/2019	44
WILLOW	10	WILLOW AVENUE - WILLOW	SIR FRANCIS DRAKE BOULEVARD	MAPLE AVENUE	2	C - Collector	837	20	16740	O - AC/AC	6/26/2019	44
GEARYA	10	GEARY AVENUE - GEARYA	TAYLOR DRIVE	TAYLOR DRIVE	2	R - Residential/Local	666	13	8658	O - AC/AC	6/26/2019	43
INYOAV	10	INYO AVENUE - INYOAV	PACHECO AVENUE	END	2	R - Residential/Local	498	20	9960	O - AC/AC	6/26/2019	42
MAPLEA	10	MAPLE AVENUE - MAPLEA	WILLOW AVENUE	LIVE OAK AVENUE	2	R - Residential/Local	387	15	5805	O - AC/AC	6/26/2019	42
MERWIN	10	MERWIN AVENUE - MERWIN	BROADWAY	PARK ROAD	2	R - Residential/Local	651	21	13671	A - AC	6/28/2019	42

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ELSIEL	10	ELSIE LANE - ELSIEL	BOLINAS ROAD	BANK ST	2	R - Residential/Local	595	36	21420	O - AC/AC	6/28/2019	41
MADROR	20	MADRONE ROAD - MADROR	895' NORTH OF LAUREL DRIVE	1625' NORTH OF LAUREL DRIVE	2	R - Residential/Local	730	14	10220	A - AC	6/28/2019	41
BROADW	20	BROADWAY - BROADW	SIR FRAN. DRK. BL. AT BANK	MERWIN AVENUE	2	C - Collector	472	22	10384	A - AC	6/28/2019	40
TAYLOR	10	TAYLOR DRIVE - TAYLOR	SIR FRANCIS DRAKE BOULEVARD	CLAUS DRIVE	2	R - Residential/Local	618	14	8652	A - AC	6/26/2019	40
CLAUSC	10	CLAUS CIRCLE - CLAUSC	CLAUS DRIVE	CLAUS DRIVE	2	R - Residential/Local	321	26	8346	A - AC	6/26/2019	39
DEERP	10	DEER PARK DR - DEERP	HILLSIDE DR	END (E)	2	R - Residential/Local	565	16	9040	A - AC	6/26/2019	38
BAYROA	10	BAY ROAD - BAYROA	SCENIC ROAD	DEAD END	2	R - Residential/Local	1014	14	14196	A - AC	6/28/2019	37
OAKROA	10	OAK ROAD - OAKROA	LAUREL DRIVE	TOYON DRIVE	2	R - Residential/Local	1249	15	18735	A - AC	6/28/2019	37
TOYONR	20	TOYON DRIVE - TOYONR	OAK ROAD	SOUTH DEAD END	2	R - Residential/Local	1000	20	20000	A - AC	6/28/2019	37
BOLINA	30	BOLINAS ROAD - BOLINA	CASCADE DRIVE	1120' SO. OF CASCADE DRIVE	2	A - Arterial	1120	20	22400	A - AC	6/28/2019	35
FRUSTU	20	FRUSTUCK AVENUE - FRUSTU	WRENDEN AVENUE	MANZANITA ROAD	2	C - Collector	1278	14	17892	A - AC	6/27/2019	35
MADROC	10	MADRONE COURT - MADROC	LAUREL DRIVE	DEAD END	2	R - Residential/Local	343	18	6174	A - AC	6/27/2019	34
MANORR	15	MANOR ROAD - MANORR	OLEMA ROAD	LOWER SCENIC ROAD	2	C - Collector	670	23	15410	A - AC	6/27/2019	34
SANGAD	20	SAN GABRIEL DRIVE - SANGAD	1148' EAST OF MARINDA DRIVE	DEAD END	2	C - Collector	633	30	18990	A - AC	6/29/2019	34
SANMIG	10	SAN MIGUEL COURT - SANMIG	SIR FRANCIS DRAKE BOULEVARD	DEAD END	2	R - Residential/Local	409	23	9407	O - AC/AC	6/29/2019	34
SIRFRA	70	SIR FRANCIS DRAKE BOULEVARD - SIRFRA	OAK MANOR DRIVE	1003' WEST OF OAK MANOR DRIVE	2	A - Arterial	1003	45	45135	O - AC/AC	6/29/2019	34
SPRUCE	10	SPRUCE ROAD - SPRUCE	AZALEA ROAD	PARK ROAD	2	C - Collector	732	21	15372	A - AC	6/28/2019	34
WILLOW	30	WILLOW AVENUE - WILLOW	912' NORTH OF MAPLE AVENUE	CHESTER AVENUE	2	C - Collector	527	20	10540	O - AC/AC	6/26/2019	34
MEADOW	20	MEADOW WAY (2) - MEADOW2	N E END	GATE (SW END)	2	R - Residential/Local	805	20	16100	O - AC/AC	6/27/2019	33
VANNI	10	VANNI LN - VANNI	RIDGEWAY AV	CHESTER AV	2	R - Residential/Local	760	14	10640	A - AC	6/26/2019	33
CREEKR	10	CREEK ROAD - CREEKR	PORTEOUS AVENUE	BLACKBERRY LANE	2	C - Collector	752	18	13536	O - AC/AC	6/26/2019	32
SCENIC	05	SCENIC ROAD - SCENIC	AZALEA AVENUE	ACACIA ROAD	2	R - Residential/Local	1165	18	20970	A - AC	6/27/2019	32
CRESTR	10	CREST ROAD - CRESTR	HILLSIDE DRIVE	1422' SO.EAST OF HILLSIDE DR.	2	R - Residential/Local	1422	14	19908	A - AC	6/26/2019	31
HILLSI	20	HILLSIDE DRIVE - HILLSI	MEERNA AVENUE	770' NORTH OF MEERNA AVENUE	2	C - Collector	770	12	9240	A - AC	6/26/2019	29

Sorted by Descending PCI

Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ACACIA	10	ACACIA ROAD - ACACIA	SCENIC RD	DEAD END	2	R - Residential/Local	980	12	11760	A - AC	6/27/2019	28
TAMALP	10A	TAMALPAIS ROAD - TAMALP	SEQUOIA ROAD	SPRUCE ROAD	2	A - Arterial	615	16	9840	A - AC	6/28/2019	28
CREEKR	20	CREEK ROAD - CREEKR	BLACKBERRY LANE	BOLINAS ROAD	2	C - Collector	475	20	9500	O - AC/AC	6/26/2019	27
REDWOOD	20	REDWOOD ROAD - REDWOOD	420' WEST OF SCENIC ROAD	1240' WEST OF SCENIC ROAD	2	C - Collector	820	12	9840	O - AC/AC	6/28/2019	27
MAPLEA	20	MAPLE AVENUE - MAPLEA	LIVE OAK AVENUE	DEAD END	2	R - Residential/Local	685	15	10275	O - AC/AC	6/29/2019	24
TAYLOR	30	TAYLOR DRIVE - TAYLOR	TAYLOR DRIVE INTERSECTION	ROCCA DRIVE AT SADY LANE	2	R - Residential/Local	840	14	11760	O - AC/AC	6/26/2019	24
WOODLA	20	WOOD LANE - WOODLA	780' WEST OF PORTEOUS AVENUE	DEAD END	2	R - Residential/Local	983	17	16711	A - AC	6/26/2019	24
HILLSI	40	HILLSIDE DRIVE - HILLSI	1275' NORTH OF MEERNA AVENUE	CREST ROAD	2	C - Collector	625	12	7500	A - AC	6/26/2019	22
HILLAV	10	HILL AVENUE - HILLAV	BELLE AVENUE	TOWN LIMITS	2	R - Residential/Local	475	18	8550	O - AC/AC	6/26/2019	20
PORTEO	20	PORTEOUS AVENUE - PORTEO	IVY LANE	WOOD LANE	2	C - Collector	261	18	4698	O - AC/AC	6/26/2019	20
VISTAW	10	VISTA WAY - VISTAW	SAN GABRIEL DRIVE	DEAD END	2	R - Residential/Local	366	32	11712	A - AC	6/29/2019	19
WOODLA	10	WOOD LANE - WOODLA	PORTEOUS AVENUE	780' WEST OF PORTEOUS AVENUE	2	R - Residential/Local	780	17	13260	A - AC	6/26/2019	19
BOLINA	50	BOLINAS ROAD - BOLINA	2200' SO OF CASCADE DRIVE	TOWN LIMITS	2	A - Arterial	1048	20	20960	A - AC	6/28/2019	18
FRUSTU	40	FRUSTUCK AVENUE - FRUSTU	WILLIS LANE	500' WEST OF BOLINAS ROAD	2	C - Collector	396	14	5544	A - AC	6/27/2019	18
HILLSI	30	HILLSIDE DRIVE - HILLSI	770' NORTH OF MEERNA AVENUE	1275' NORTH OF MEERNA AVENUE	2	C - Collector	505	12	6060	A - AC	6/26/2019	18
PORTEO	10	PORTEOUS AVENUE - PORTEO	BOLINAS ROAD	IVY LANE	2	C - Collector	720	18	12960	O - AC/AC	6/26/2019	16
MADROR	10	MADRONE ROAD - MADROR	LAUREL DRIVE	895' NORTH OF LAUREL DRIVE	2	R - Residential/Local	895	14	12530	A - AC	6/28/2019	15
BOLINA	40	BOLINAS ROAD - BOLINA	1120' SO. OF CASCADE DRIVE	2200' SO OF CASCADE DRIVE	2	A - Arterial	1080	20	21600	A - AC	6/28/2019	14
SCHOOL	10	SCHOOL STREET - SCHOOL	BROADWAY	PARKING LOT	2	R - Residential/Local	120	25	3000	A - AC	6/28/2019	12
TAYLOR	20	TAYLOR DRIVE - TAYLOR	CLAUS DRIVE	PARKER LANE	2	R - Residential/Local	855	14	11970	O - AC/AC	6/26/2019	12
MONOAV	05	MONO AVENUE - MONOAV	BOLINAS RD	BANK ST	2	R - Residential/Local	230	11	2530	A - AC	6/28/2019	10
HICKOR	10	HICKORY ROAD - HICKOR	CYPRESS DRIVE	DEAD END	2	R - Residential/Local	1132	20	22640	A - AC	6/27/2019	9

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Street ID	Section ID	Street Name	Beg Location	End Location	Lanes	Functional Class	Length	Width	Area	Surface Type	PCI Date	PCI
ROCKRI	10	ROCK RIDGE ROAD - ROCKRI	MANOR ROAD	BOTHIN ROAD	2	R - Residential/Local	1115	25	27875	A - AC	6/27/2019	7
WILLIS	10	WILLIS LN - WILLIS	FRUSTUCK AV	END	2	R - Residential/Local	217	14	3038	A - AC	6/27/2019	7
HAWTHORNE	10	HAWTHORNE CT - HAWTHORNE	OLEMA RD	END	2	R - Residential/Local	210	20	4200	A - AC	6/27/2019	4
FORRES	50	FORREST TERRACE - FORRES	MEERNA AVENUE	FORREST AVENUE	2	R - Residential/Local	957	14	13398	A - AC	6/26/2019	3

Appendix B – Decision Tree

Maintenance and Rehabilitation (M&R) Decision Tree

This appendix presents the current M&R decision tree in StreetSaver. The decision tree forms the basis for all of the budgetary computations that are included in this BOR. The decision tree lists the treatments and costs selected for preventive maintenance and rehabilitation activities. Each line represents a specific combination of functional classification and surface type.

The preventive maintenance portion of the report is identified as Pavement Condition Category I – Very Good. All preventive maintenance treatment listings are assigned only to sections in Condition Category I where the PCI greater than 70. Sections with PCI values less than 70 are assigned to treatments listed in Categories II through V.

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

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

COLUMN	DESCRIPTION
Functional Class	Functional classification.
Surface	Surface type.
Condition Category	Condition Category (I through V).
Treatment Type	First Row (Crack Treatment) indicates localized treatment (e.g. crack sealing). Second Row (Surface Treatment) indicates surface treatment (e.g. slurry sealing). Third Row (Restoration Treatment) indicates surface restoration (e.g. overlay).
Treatment	Name of treatments from the "Treatment Descriptions" report.
Cost/Sq. Yd.	Unit cost (\$ per square yard) for the treatment shown. In the case of crack sealing, the unit cost is \$ per linear foot.
Yrs. Between Crack Seals	First Row - number of years between successive treatment applications specified in the first row (i.e., Crack treatment).
Yrs. Between Surface Seals	Second Row - number of years between successive treatment applications specified in the second row (i.e., Surface treatment).
Number of Sequential Seals	Number of times that the treatment application in the second row (i.e., Surface treatment) will be performed prior to performing the treatment application in the third row.

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$3.50		5	
			Restoration Treatment	DO NOTHING	\$0.00			2
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		6	
		III - Good, Load Related		THICK AC OL/RUBBERIZED ASPHALT	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$48.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
			Surface Treatment	SLURRY SEAL	\$3.50		5	
			Restoration Treatment	DO NOTHING	\$0.00			2
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		6	
		III - Good, Load Related		THICK AC OL/RUBBERIZED ASPHALT	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$60.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	3		
Surface Treatment			SLURRY SEAL	\$3.50		5		
Restoration Treatment			MILL AND THIN OVERLAY	\$38.00			2	
II - Good, Non-Load Related			MICROSURFACING	\$5.00		6		
III - Good, Load Related			MILL AND THICK OVERLAY	\$60.00				
IV - Poor			MILL AND THICK OVERLAY	\$48.00				
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00					
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	4			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	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
 Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		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
- Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
			Surface Treatment	SLURRY SEAL	\$3.50		5	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		6	
		III - Good, Load Related		MILL AND THIN OVERLAY	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$48.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00				
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
			Surface Treatment	SLURRY SEAL	\$3.50		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		7	
		III - Good, Load Related		MILL AND THIN OVERLAY	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$48.00			
	V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
			Surface Treatment	SLURRY SEAL	\$3.50		7	
			Restoration Treatment	MILL AND THIN OVERLAY	\$38.00			3
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		7	
III - Good, Load Related			MILL AND THIN OVERLAY	\$35.00				
IV - Poor			MILL AND THICK OVERLAY	\$48.00				
V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00					
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	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
 Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		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
- Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
			Surface Treatment	SLURRY SEAL	\$3.50		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		7	
		III - Good, Load Related		MILL AND THIN OVERLAY	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$48.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
			Surface Treatment	SLURRY SEAL	\$3.50		7	
			Restoration Treatment	DO NOTHING	\$0.00			3
		II - Good, Non-Load Related		MICROSURFACING	\$5.00		7	
		III - Good, Load Related		MILL AND THIN OVERLAY	\$32.00			
		IV - Poor		MILL AND THICK OVERLAY	\$48.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$80.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$3.00	5		
Surface Treatment			SLURRY SEAL	\$3.50		7		
Restoration Treatment			MILL AND THIN OVERLAY	\$38.00			3	
II - Good, Non-Load Related			MICROSURFACING	\$5.00		7		
III - Good, Load Related			MILL AND THIN OVERLAY	\$35.00				
IV - Poor			MILL AND THICK OVERLAY	\$48.00				
	V - Very Poor		RECONSTRUCT SURFACE (AC)	\$80.00				
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	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
 Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		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
- Selected Treatment is not a Surface Seal

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Other	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.60	5		
			Surface Treatment	SINGLE CHIP SEAL	\$1.74		7	
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3
		II - Good, Non-Load Related		SINGLE CHIP SEAL	\$1.11			
		III - Good, Load Related		THIN AC OVERLAY(1.5 INCHES)	\$3.99			
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$5.97			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$8.75			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.60	5		
			Surface Treatment	SINGLE CHIP SEAL	\$1.74		7	
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04			3
		II - Good, Non-Load Related		DOUBLE CHIP SEAL	\$1.52			
		III - Good, Load Related		HEATER SCARIFY & OVERLAY	\$5.95			
		IV - Poor		HEATER SCARIFY & OVERLAY	\$6.14			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.60	5		
			Surface Treatment	SINGLE CHIP SEAL	\$1.74		7	
Restoration Treatment			MILL AND THIN OVERLAY	\$5.04			3	
II - Good, Non-Load Related			DOUBLE CHIP SEAL	\$1.52				
III - Good, Load Related			HEATER SCARIFY & OVERLAY	\$5.95				
IV - Poor			HEATER SCARIFY & OVERLAY	\$6.14				
PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5			
		Surface Treatment	DO NOTHING	\$0.00		99		
		Restoration Treatment	DO NOTHING	\$0.00			100	
	II - Good, Non-Load Related		DO NOTHING	\$1.11				
	III - Good, Load Related		DO NOTHING	\$1.51				
	IV - Poor		DO NOTHING	\$0.00				
	V - Very Poor		DO NOTHING	\$0.00				

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

Decision Tree

Printed: 12/12/2019

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Other	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	5		
			Surface Treatment	DO NOTHING	\$0.00		99	
			Restoration Treatment	DO NOTHING	\$0.00			100
		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
- Selected Treatment is not a Surface Seal

Appendix C – Budget Needs Analysis

Budget Needs Reports

Budget Needs reports included in this appendix are listed below:

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

Needs - Projected PCI/Cost Summary

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

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

Needs - Projected PCI/Cost Summary

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

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2020	76	59	\$264,542	\$4,787,627	\$5,052,169
2021	77	56	\$13,842	\$1,319,609	\$1,333,451
2022	81	54	\$36,596	\$2,369,975	\$2,406,571
2023	81	51	\$7,575	\$875,753	\$883,328
2024	82	49	\$6,675	\$951,193	\$957,868
		% PM	PM Total Cost	Rehab Total Cost	Total Cost
		3.10%	\$329,230	\$10,304,157	\$10,633,387

Needs - Preventive Maintenance Treatment/Cost Summary

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

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

Needs - Preventive Maintenance Treatment/Cost Summary

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

Treatment	Year	Area Treated	Cost
SEAL CRACKS	2021	38.99 ft.	\$121
	2022	7.93 ft.	\$26
	2023	837.2 ft.	\$2,751
	2024	86.89 ft.	\$297
	Total	971.01	\$3,195
SLURRY SEAL	2020	75,580.11 sq.yd.	\$264,542
	2021	3,805.78 sq.yd.	\$13,721
	2022	9,847.56 sq.yd.	\$36,570
	2023	1,261.11 sq.yd.	\$4,824
	2024	1,618.89 sq.yd.	\$6,378
	Total	92,113.44	\$326,035
Total Quantity		93,084.45	\$329,230

Needs - Rehabilitation Treatment/Cost Summary

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

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

Needs - Rehabilitation Treatment/Cost Summary

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

Treatment	Year	Area Treated	Cost
MICROSURFACING	2020	47,033.89 sq.yd.	\$235,176
	2021	15,846.78 sq.yd.	\$81,613
	2022	7,902 sq.yd.	\$41,917
	Total	70,782.67 sq.yd.	\$358,706
THICK AC OL/RUBBERIZED ASPHALT	2020	2,104.11 sq.yd.	\$67,333
	Total	2,104.11 sq.yd.	\$67,333
RECONSTRUCT STRUCTURE (AC)	2020	28,085.67 sq.yd.	\$2,246,861
	2021	5,575.56 sq.yd.	\$459,428
	2022	19,750.33 sq.yd.	\$1,676,254
	2023	7,299.78 sq.yd.	\$638,136
	2024	6,926.44 sq.yd.	\$623,664
	Total	67,637.78 sq.yd.	\$5,644,343
MILL AND THIN OVERLAY	2020	19,494.89 sq.yd.	\$623,841
	2021	2,419.33 sq.yd.	\$79,742
	2022	4,740 sq.yd.	\$160,919
	Total	26,654.22 sq.yd.	\$864,502
MILL AND THICK OVERLAY	2020	31,907.89 sq.yd.	\$1,614,416
	2021	14,134.78 sq.yd.	\$698,826
	2022	9,639.67 sq.yd.	\$490,885
	2023	4,530.22 sq.yd.	\$237,617
	2024	6,062.56 sq.yd.	\$327,529
	Total	66,275.11 sq.yd.	\$3,369,273
Total Cost			\$10,304,157

Appendix D – Budget Analysis Scenario 1 – Do Nothing

Budget Analysis Reports

Budget analysis reports included in this appendix are listed below:

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

Scenarios Cost Summary

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

Scenarios Network Condition Summary

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

Scenarios Sections Selected for Treatment

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

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 1 - DO NOTHING

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap							
2020	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$5,052,133	Funded	\$0				
			III	\$0							Project	\$0	Unmet	\$37,211
			IV	\$0										
			V	\$0										
			Total	\$0										
			Project	\$0										
2021	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$5,872,436	Funded	\$0				
			III	\$0							Project	\$0	Unmet	\$9,837
			IV	\$0										
			V	\$0										
			Total	\$0										
			Project	\$0										
2022	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$7,639,050	Funded	\$0				
			III	\$0							Project	\$0	Unmet	\$20,132
			IV	\$0										
			V	\$0										
			Total	\$0										
			Project	\$0										
2023	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$8,266,842	Funded	\$0				
			III	\$0							Project	\$0	Unmet	\$9,177
			IV	\$0										
			V	\$0										
			Total	\$0										
			Project	\$0										
2024	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$8,862,895	Funded	\$0				
			III	\$0							Project	\$0	Unmet	\$9,226
			IV	\$0										
			V	\$0										
			Total	\$0										
			Project	\$0										

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$0	\$0	\$0	\$18,318
Collector	\$0	\$0	\$0	\$27,915
Residential/Local	\$0	\$0	\$0	\$39,350
Grand Total:	\$0	\$0	\$0	\$85,584

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 1 - DO NOTHING

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

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	59	0	0
2021	56	56	0	0
2022	54	54	0	0
2023	51	51	0	0
2024	49	49	0	0

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	5.3%	4.6%	10.3%	0.0%	20.3%
II / III	7.8%	18.5%	12.2%	0.0%	38.6%
IV	5.6%	7.3%	8.5%	0.0%	21.3%
V	3.9%	5.5%	10.5%	0.0%	19.8%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Appendix E – Budget Analysis Scenario 2 – Estimated Funding Level of \$100,000

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	10%	\$100,000	II	\$88,607	Non-Project	\$0	\$4,963,529	Funded	\$11,396	
			III	\$0				Unmet	\$23,511	
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$88,607						
			Project	\$0						
2021	10%	\$100,000	II	\$87,317	Non-Project	\$3,919	\$0	\$5,698,979	Funded	\$8,746
			III	\$0					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$87,317						
			Project	\$0						
2022	10%	\$100,000	II	\$88,442	Non-Project	\$0	\$0	\$7,384,990	Funded	\$11,560
			III	\$0					Unmet	\$7,483
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$88,442						
			Project	\$0						
2023	10%	\$100,000	II	\$59,605	Non-Project	\$2,425	\$0	\$7,932,297	Funded	\$8,750
			III	\$29,187					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$88,792						
			Project	\$0						
2024	10%	\$100,000	II	\$68,496	Non-Project	\$5,566	\$0	\$8,503,947	Funded	\$7,445
			III	\$18,489					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$86,985						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$91,815	\$6,916	\$12,890	\$3,689
Collector	\$178,296	\$0	\$17,239	\$6,910
Residential/Local	\$170,032	\$4,994	\$17,768	\$20,395
Grand Total:	\$440,143	\$11,910	\$47,896	\$30,994

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$100,000	10%	2022	\$100,000	10%	2024	\$100,000	10%
2021	\$100,000	10%	2023	\$100,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	59	1.41	2.85
2021	56	57	1.71	3.43
2022	54	55	1.20	2.40
2023	51	54	1.24	2.48
2024	49	52	1.49	2.78

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	11.6%	14.5%	16.5%	0.0%	42.6%
II / III	3.6%	13.3%	9.5%	0.0%	26.3%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.4%	12.7%	17.8%	0.0%	38.9%
II / III	4.7%	10.4%	4.7%	0.0%	19.9%
IV	5.6%	7.3%	8.5%	0.0%	21.3%
V	3.9%	5.5%	10.5%	0.0%	19.8%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$100,000	10%	2022	\$100,000	10%	2024	\$100,000	10%
2021	\$100,000	10%	2023	\$100,000	10%			

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					
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING		
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING		
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING		
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING		
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING		
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING		
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING		
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING		
												Treatment Total		\$88,607				
Year 2020 Area Total										159,488		Year 2020 Total		\$88,607				

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			
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	65	75	\$11,212	21,945	MICROSURFACING
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING
LIVE OAK AVENUE	MAPLE AVENUE	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	67	77	\$10,579	24,867	MICROSURFACING
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	60	70	\$4,759	21,410	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

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					
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	62	72	\$8,198	22,735	MICROSURFACING		
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING		
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUIOI	10	974	19	18,506	R	AC/AC		69	67	77	\$10,590	23,576	MICROSURFACING		
												Treatment Total		\$87,317				
HICKORY ROAD	CASADE DR	CYPRESS DR	HICKOR	05	178	20	3,560	R	AC		80	79	87	\$1,426	40,304	SLURRY SEAL		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	79	86	\$2,372	78,620	SLURRY SEAL		
												Treatment Total		\$3,798				
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	78	80	\$121	491,928	SEAL CRACKS		
												Treatment Total		\$121				
Year 2021 Area Total										173,417		Year 2021 Total		\$91,236				

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					
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING		
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	62	73	\$19,065	21,073	MICROSURFACING		
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	62	72	\$8,491	17,420	MICROSURFACING		
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	67	77	\$6,804	19,718	MICROSURFACING		
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING		
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	67	76	\$12,165	20,162	MICROSURFACING		
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING		
												Treatment Total		\$88,442				
Year 2022 Area Total										150,054		Year 2022 Total		\$88,442				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC		73	68	78	\$16,431	32,657	MICROSURFACING

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment			Cost	Rating	Treatment	
												PCI Before	PCI After					
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	64	74	\$22,509	18,829	MICROSURFACING		
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	60	71	\$20,665	16,323	MICROSURFACING		
												Treatment Total		\$59,605				
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	61	100	\$24,913	17,165	THICK AC OL/RUBBERIZED ASPHALT		
												Treatment Total		\$24,913				
SCHOOL STREET	PARK ROAD	DEAD END	SCHOOL	20	150	25	3,750	R	AC		82	77	85	\$1,594	32,400	SLURRY SEAL		
												Treatment Total		\$1,594				
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	85	86	\$32	708,291	SEAL CRACKS		
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS		
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	85	86	\$30	708,291	SEAL CRACKS		
												Treatment Total		\$831				
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	68	100	\$4,274	10,238	MILL AND THIN OVERLAY		
												Treatment Total		\$4,274				
Year 2023 Area Total										178,951		Year 2023 Total		\$91,217				

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					
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	68	78	\$16,195	23,237	MICROSURFACING		
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC		75	69	78	\$30,014	32,953	MICROSURFACING		
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	68	78	\$4,202	20,899	MICROSURFACING		
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	69	78	\$13,507	24,983	MICROSURFACING		
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC		75	69	78	\$4,578	31,467	MICROSURFACING		
												Treatment Total		\$68,496				
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	76	84	\$1,821	36,936	SLURRY SEAL		
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	82	89	\$3,555	61,689	SLURRY SEAL		
												Treatment Total		\$5,376				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 2 - \$100K

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			
BRIDGE COURT	DOMINGA AVENUE DEAD END		BRIDGE	10	97	16	1,552	R	AC/AC		94	86	87	\$6	464,208	SEAL CRACKS
COURT LANE	DOMINGA AVENUE DEAD END		COURTL	10	141	14	1,974	R	AC/AC		94	86	87	\$7	464,208	SEAL CRACKS
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	84	85	\$37	1,203,652	SEAL CRACKS
												Treatment Total		\$190		
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC		69	63	100	\$18,489	9,593	MILL AND THIN OVERLAY
												Treatment Total		\$18,489		
Year 2024 Area Total										158,776		Year 2024 Total		\$92,551		
Total Section Area:										820,686		Grand Total		\$452,053		

** - Treatment from Project Selection

Appendix F – Budget Analysis Scenario 3 – Estimated Funding Level of \$200,000

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	10%	\$200,000	II	\$179,084	Non-Project	\$0	\$4,873,054	Funded	\$20,921	
			III	\$0				Unmet	\$11,634	
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$179,084						
			Project	\$0						
2021	10%	\$200,000	II	\$128,515	Non-Project	\$22,718	\$0	\$5,539,145	Funded	\$7,715
			III	\$40,755					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$169,270						
			Project	\$0						
2022	10%	\$200,000	II	\$41,917	Non-Project	\$2,003	\$0	\$7,128,618	Funded	\$19,026
			III	\$51,396					Unmet	\$0
			IV	\$84,872	Project	\$0				
			V	\$0						
			Total	\$178,185						
			Project	\$0						
2023	10%	\$200,000	II	\$16,431	Non-Project	\$14,763	\$0	\$7,688,876	Funded	\$8,269
			III	\$160,384					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$176,815						
			Project	\$0						
2024	10%	\$200,000	II	\$63,918	Non-Project	\$25,868	\$0	\$8,152,439	Funded	\$7,445
			III	\$102,208					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$166,126						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$356,734	\$43,389	\$15,684	\$0
Collector	\$302,361	\$15,776	\$23,779	\$0
Residential/Local	\$210,385	\$6,187	\$23,913	\$11,634
Grand Total:	\$869,480	\$65,352	\$63,376	\$11,634

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$200,000	10%	2022	\$200,000	10%	2024	\$200,000	10%
2021	\$200,000	10%	2023	\$200,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	60	2.65	5.34
2021	56	58	2.97	5.83
2022	54	57	1.10	2.19
2023	51	55	1.27	2.48
2024	49	53	2.13	4.24

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	12.5%	15.3%	20.1%	0.0%	47.9%
II / III	2.6%	12.5%	5.9%	0.0%	21.0%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	10.3%	13.6%	18.2%	0.0%	42.0%
II / III	3.3%	9.6%	4.4%	0.0%	17.3%
IV	5.1%	7.3%	8.5%	0.0%	20.8%
V	3.9%	5.5%	10.5%	0.0%	19.8%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$200,000	10%	2022	\$200,000	10%	2024	\$200,000	10%
2021	\$200,000	10%	2023	\$200,000	10%			

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					
BELMONT AVENUE	PASTORI AVENUE	KENT AVENUE	BELMON	10	271	24	6,504	R	AC/AC		61	61	71	\$3,614	23,101	MICROSURFACING		
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING		
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING		
CANYON ROAD	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	CANYON	20	1,437	17	24,429	C	AC/AC		60	60	71	\$13,572	24,120	MICROSURFACING		
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	67	76	\$10,885	22,760	MICROSURFACING		
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	66	75	\$17,970	22,824	MICROSURFACING		
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING		
LIVE OAK AVENUE	MAPLE AVENUE	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	69	78	\$10,270	25,834	MICROSURFACING		
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	64	74	\$7,959	23,678	MICROSURFACING		
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING		
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING		
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING		
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUOI	10	974	19	18,506	R	AC/AC		69	69	78	\$10,282	24,474	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	PACHECO AVENUE	BANK STREET	SIRFRA	20	819	35	28,665	A	AC		61	61	72	\$15,925	28,775	MICROSURFACING		
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING		
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING		
												Treatment Total		\$179,084				
Year 2020 Area Total										322,343		Year 2020 Total		\$179,084				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

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				
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	68	77	\$21,217	20,319	MICROSURFACING	
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING	
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	65	75	\$8,244	18,875	MICROSURFACING	
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING	
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	69	78	\$6,606	20,509	MICROSURFACING	
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	60	70	\$4,759	21,410	MICROSURFACING	
OLEMA ROAD	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	OLEMAR	10	1,050	24	25,200	C	AC		66	63	73	\$14,420	18,091	MICROSURFACING	
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	66	76	\$19,479	19,166	MICROSURFACING	
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING	
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	69	78	\$11,811	20,757	MICROSURFACING	
												Treatment Total		\$128,515			
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		67	65	100	\$23,483	16,661	THICK AC OL/RUBBERIZED ASPHALT	
												Treatment Total		\$23,483			
ALDER COURT	LANDSDALE AVE	DEAD END	ALDERC	10	195	12	2,340	R	AC/AC		83	81	89	\$938	29,663	SLURRY SEAL	
MEERNA AVENUE	IVY LANE	HILLSIDE DRIVE	MEERNA	20	942	18	16,956	C	AC/AC		79	78	86	\$6,792	63,455	SLURRY SEAL	
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	86	92	\$3,253	55,760	SLURRY SEAL	
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC		75	73	82	\$2,933	53,073	SLURRY SEAL	
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	79	86	\$2,372	78,620	SLURRY SEAL	
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	83	90	\$6,309	89,928	SLURRY SEAL	
												Treatment Total		\$22,597			
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	78	80	\$121	491,928	SEAL CRACKS	
												Treatment Total		\$121			
SHERMAN AVENUE	BOLINAS ROAD	DOMINGA AVENUE	SHERMA	10	262	18	4,716	R	AC/AC		64	62	100	\$17,272	11,140	MILL AND THIN OVERLAY	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

										Treatment Total	\$17,272			
Year 2021 Area Total										303,467		Year 2021 Total	\$191,988	

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			
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING
										Treatment Total		\$41,917				
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	65	100	\$47,246	16,386	THICK AC OL/RUBBERIZED ASPHALT
										Treatment Total		\$47,246				
HICKORY ROAD	CASADE DR	CYPRESS DR	HICKOR	05	178	20	3,560	R	AC		80	78	86	\$1,469	39,128	SLURRY SEAL
MANZANITA COURT	MANZANITA ROAD	DEAD END	MANZAC	10	123	10	1,230	R	AC		82	79	86	\$508	27,267	SLURRY SEAL
										Treatment Total		\$1,977				
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS
										Treatment Total		\$26				
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	69	100	\$4,150	9,936	MILL AND THIN OVERLAY
										Treatment Total		\$4,150				
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	43	100	\$84,872	14,328	MILL AND THICK OVERLAY
										Treatment Total		\$84,872				
Year 2022 Area Total										119,103		Year 2022 Total	\$180,188			

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC		73	68	78	\$16,431	32,657	MICROSURFACING
										Treatment Total		\$16,431				
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		74	68	100	\$118,306	15,553	THICK AC OL/RUBBERIZED ASPHALT

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

											Treatment Total			\$118,306		
CANYON ROAD	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	CANYON	10	1,017	14	14,238	C	AC/AC		78	74	82	\$6,051	48,008	SLURRY SEAL
COOLIDGE AVENUE	BELMONT AVENUE	BELLE AVENUE	COOLID	10	227	14	3,178	R	AC/AC		94	88	93	\$1,351	18,858	SLURRY SEAL
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	77	85	\$1,768	37,852	SLURRY SEAL
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	77	85	\$4,824	50,899	SLURRY SEAL
											Treatment Total			\$13,994		
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS
											Treatment Total			\$769		
BARKER AVENUE	PORTEOUS AVENUE	DEAD END	BARKER	10	345	18	6,210	R	AC/AC		67	62	100	\$24,128	10,242	MILL AND THIN OVERLAY
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC		69	64	100	\$17,950	9,520	MILL AND THIN OVERLAY
											Treatment Total			\$42,078		
					Year 2023 Area Total			156,208			Year 2023 Total			\$191,578		

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				
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	68	78	\$16,195	23,237	MICROSURFACING	
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC		75	69	78	\$30,014	32,953	MICROSURFACING	
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	68	78	\$4,202	20,899	MICROSURFACING	
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	69	78	\$13,507	24,983	MICROSURFACING	
											Treatment Total			\$63,918			
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	75	84	\$25,645	65,188	SLURRY SEAL	
											Treatment Total			\$25,645			
BRIDGE COURT	DOMINGA AVENUE	DEAD END	BRIDGE	10	97	16	1,552	R	AC/AC		94	86	87	\$6	464,208	SEAL CRACKS	
COURT LANE	DOMINGA AVENUE	DEAD END	COURTL	10	141	14	1,974	R	AC/AC		94	86	87	\$7	464,208	SEAL CRACKS	
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS	
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS	
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		67	86	87	\$21	825,530	SEAL CRACKS	
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	88	89	\$3	15,168,488	SEAL CRACKS	
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	84	85	\$37	1,203,652	SEAL CRACKS	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 3 - \$200K

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			
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	88	89	\$9	12,168,990	SEAL CRACKS
												Treatment Total	\$223			
CYPRESS DRIVE	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	CYPRES	40	765	16	12,240	C	AC/AC		72	64	100	\$48,983	11,015	MILL AND THIN OVERLAY
LAUREL DRIVE	CASCADE DRIVE	PINE ROAD	LAUREL	10	950	14	13,300	C	AC		73	62	100	\$53,225	12,707	MILL AND THIN OVERLAY
												Treatment Total	\$102,208			
Year 2024 Area Total										248,968	Year 2024 Total		\$191,994			
Total Section Area:										1,150,089	Grand Total		\$934,832			

** - Treatment from Project Selection

Scenarios Criteria:

Appendix G – Budget Analysis Scenario 4 – Estimated Funding Level of \$300,000

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	10%	\$300,000	II	\$235,176	Non-Project	\$0	\$4,782,837	Funded	\$30,704	
			III	\$22,799				Unmet	\$252	
			IV	\$11,328	Project	\$0				
			V	\$0						
			Total	\$269,303						
			Project	\$0						
2021	10%	\$300,000	II	\$81,613	Non-Project	\$27,837	\$0	\$5,356,881	Funded	\$7,715
			III	\$100,351					Unmet	\$0
			IV	\$82,400	Project	\$0				
			V	\$0						
			Total	\$264,364						
			Project	\$0						
2022	10%	\$300,000	II	\$41,917	Non-Project	\$14,076	\$0	\$6,840,367	Funded	\$18,822
			III	\$127,536					Unmet	\$0
			IV	\$97,179	Project	\$0				
			V	\$0						
			Total	\$266,632						
			Project	\$0						
2023	10%	\$300,000	II	\$16,431	Non-Project	\$38,357	\$0	\$7,342,633	Funded	\$7,815
			III	\$236,974					Unmet	\$0
			IV	\$0	Project	\$0				
			V	\$0						
			Total	\$253,405						
			Project	\$0						
2024	10%	\$300,000	II	\$63,918	Non-Project	\$39,167	\$0	\$7,798,907	Funded	\$7,445
			III	\$146,956					Unmet	\$0
			IV	\$42,019	Project	\$0				
			V	\$0						
			Total	\$252,893						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$624,399	\$63,607	\$15,375	\$0
Collector	\$375,879	\$48,527	\$22,273	\$0
Residential/Local	\$306,319	\$7,303	\$34,854	\$252
Grand Total:	\$1,306,597	\$119,437	\$72,502	\$252

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$300,000	10%	2022	\$300,000	10%	2024	\$300,000	10%
2021	\$300,000	10%	2023	\$300,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	60	3.69	7.41
2021	56	59	2.66	5.21
2022	54	58	1.90	3.65
2023	51	56	1.58	3.10
2024	49	55	2.49	4.95

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	12.7%	17.7%	21.1%	0.0%	51.4%
II / III	2.4%	10.1%	5.0%	0.0%	17.5%
IV	6.1%	6.9%	9.8%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	12.3%	14.6%	18.9%	0.0%	45.8%
II / III	1.9%	8.8%	3.7%	0.0%	14.4%
IV	4.5%	7.0%	8.4%	0.0%	20.0%
V	3.9%	5.5%	10.5%	0.0%	19.8%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$300,000	10%	2022	\$300,000	10%	2024	\$300,000	10%
2021	\$300,000	10%	2023	\$300,000	10%			

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			
BELMONT AVENUE	PASTORI AVENUE	KENT AVENUE	BELMON	10	271	24	6,504	R	AC/AC		61	61	71	\$3,614	23,101	MICROSURFACING
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING
CANYON ROAD	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	CANYON	20	1,437	17	24,429	C	AC/AC		60	60	71	\$13,572	24,120	MICROSURFACING
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	67	76	\$10,885	22,760	MICROSURFACING
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	66	75	\$17,970	22,824	MICROSURFACING
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	68	77	\$8,004	20,437	MICROSURFACING
LIVE OAK AVENUE	MAPLE AVENU	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	69	78	\$10,270	25,834	MICROSURFACING
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	62	72	\$4,620	22,268	MICROSURFACING
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	64	74	\$7,959	23,678	MICROSURFACING
OLEMA ROAD	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	OLEMAR	10	1,050	24	25,200	C	AC		66	66	76	\$14,000	19,617	MICROSURFACING
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	69	78	\$18,912	20,754	MICROSURFACING
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUOI	10	974	19	18,506	R	AC/AC		69	69	78	\$10,282	24,474	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	PACHECO AVENUE	BANK STREET	SIRFRA	20	819	35	28,665	A	AC		61	61	72	\$15,925	28,775	MICROSURFACING
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

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				
WESTBRAE DRIVE	OLEMA ROAD	OLEMA ROAD	WESTBR	10	760	25	19,000	R	AC/AC		60	60	70	\$10,556	21,966	MICROSURFACING	
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING	
												Treatment Total		\$235,176			
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		67	67	100	\$22,799	16,298	THICK AC OL/RUBBERIZED ASPHALT	
												Treatment Total		\$22,799			
IVY LANE	PORTEOUS AVENUE	MEERNA AVENUE	IVYLAN	10	118	18	2,124	R	AC/AC		45	45	100	\$11,328	9,192	MILL AND THICK OVERLAY	
												Treatment Total		\$11,328			
Year 2020 Area Total										431,841	Year 2020 Total		\$269,303				

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				
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	68	77	\$21,217	20,319	MICROSURFACING	
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING	
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING	
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	69	78	\$6,606	20,509	MICROSURFACING	
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING	
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	69	78	\$11,811	20,757	MICROSURFACING	
												Treatment Total		\$81,613			
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	67	100	\$45,870	16,056	THICK AC OL/RUBBERIZED ASPHALT	
												Treatment Total		\$45,870			
FORREST AVENUE	MEERNA AVENUE	SUMMER AVENUE	FORREA	10	1,080	14	15,120	C	AC/AC		74	72	81	\$6,057	53,470	SLURRY SEAL	
MEERNA AVENUE	IVY LANE	HILLSIDE DRIVE	MEERNA	20	942	18	16,956	C	AC/AC		79	78	86	\$6,792	63,455	SLURRY SEAL	
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	86	92	\$3,253	55,760	SLURRY SEAL	
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC		75	73	82	\$2,933	53,073	SLURRY SEAL	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

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				
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	79	86	\$2,372	78,620	SLURRY SEAL	
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	83	90	\$6,309	89,928	SLURRY SEAL	
												Treatment Total		\$27,716			
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	78	80	\$121	491,928	SEAL CRACKS	
												Treatment Total		\$121			
PINE DRIVE	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	PINEDR	10	635	16	10,160	C	AC/AC		66	64	100	\$37,209	12,138	MILL AND THIN OVERLAY	
SHERMAN AVENUE	BOLINAS ROAD	DOMINGA AVENUE	SHERMA	10	262	18	4,716	R	AC/AC		64	62	100	\$17,272	11,140	MILL AND THIN OVERLAY	
												Treatment Total		\$54,481			
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	46	100	\$82,400	14,494	MILL AND THICK OVERLAY	
												Treatment Total		\$82,400			
Year 2021 Area Total										265,558		Year 2021 Total		\$292,201			

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				
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING	
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING	
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING	
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING	
												Treatment Total		\$41,917			
CANYON ROAD	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	CANYON	10	1,017	14	14,238	C	AC/AC		78	75	83	\$5,875	50,092	SLURRY SEAL	
IRON SPRINGS ROAD	ROCK RIDGE ROAD	DEAD END	IRONSP	10	886	12	10,632	R	AC/AC		78	76	84	\$4,387	43,981	SLURRY SEAL	
SPRUCE ROAD	610 FT WEST OF PARK ROAD	TAMALPIAS ROAD	SPRUCE	25	765	12	9,180	C	AC/AC		81	77	85	\$3,788	39,995	SLURRY SEAL	
												Treatment Total		\$14,050			
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS	
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS	
												Treatment Total		\$26			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

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				
BARKER AVENUE	PORTEOUS AVENUE	DEAD END	BARKER	10	345	18	6,210	R	AC/AC		67	63	100	\$23,425	10,186	MILL AND THIN OVERLAY	
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	69	100	\$4,150	9,936	MILL AND THIN OVERLAY	
CASCADE DRIVE	890' WEST OF CANYON ROAD	1770' WEST OF CANYON ROAD	CASCAD	70	880	15	13,200	R	AC/AC		65	61	100	\$49,792	10,916	MILL AND THIN OVERLAY	
LAUREL DRIVE	CASCADE DRIVE	PINE ROAD	LAUREL	10	950	14	13,300	C	AC		73	68	100	\$50,169	12,358	MILL AND THIN OVERLAY	
											Treatment Total		\$127,536				
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	44	100	\$97,179	14,241	MILL AND THICK OVERLAY	
											Treatment Total		\$97,179				
Year 2022 Area Total											170,723		Year 2022 Total		\$280,708		

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
												PCI Before	PCI After				
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC		73	68	78	\$16,431	32,657	MICROSURFACING	
											Treatment Total		\$16,431				
SIR FRANCIS DRAKE BOULEVARD	BROADWAY	SAN MIGUEL COURT	SIRFRA	40	939	47	44,133	A	AC		74	68	100	\$171,468	15,553	THICK AC OL/RUBBERIZED ASPHALT	
											Treatment Total		\$171,468				
ALDER COURT	LANDSDALE AVE	DEAD END	ALDERC	10	195	12	2,340	R	AC/AC		83	78	86	\$995	30,145	SLURRY SEAL	
BOTHIN ROAD	MARIN AVENUE	OLEMA ROAD	BOTHIN	10	460	26	11,960	C	AC/AC		82	77	85	\$5,083	39,183	SLURRY SEAL	
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	77	85	\$1,768	37,852	SLURRY SEAL	
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	77	85	\$24,898	67,625	SLURRY SEAL	
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	77	85	\$4,824	50,899	SLURRY SEAL	
											Treatment Total		\$37,568				
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		67	86	87	\$20	850,296	SEAL CRACKS	
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS	
											Treatment Total		\$789				
CYPRESS DRIVE	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	CYPRES	40	765	16	12,240	C	AC/AC		72	66	100	\$47,556	10,801	MILL AND THIN OVERLAY	
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC		69	64	100	\$17,950	9,520	MILL AND THIN OVERLAY	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/30/2019

Scenario: PTAP-20 SCENARIO 4 - \$300K

											Treatment Total		\$65,506					
											Year 2023 Area Total		237,807		Year 2023 Total		\$291,762	
Year: 2024											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	Cost	Rating	Treatment		
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	68	78	\$16,195	23,237	MICROSURFACING		
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC		75	69	78	\$30,014	32,953	MICROSURFACING		
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	68	78	\$4,202	20,899	MICROSURFACING		
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	69	78	\$13,507	24,983	MICROSURFACING		
											Treatment Total		\$63,918					
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		74	65	100	\$121,856	15,866	THICK AC OL/RUBBERIZED ASPHALT		
											Treatment Total		\$121,856					
CASCADE DRIVE	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	CASCAD	10	1,285	32	41,120	C	AC/AC		76	70	79	\$17,999	48,030	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	455' NORTH OF JUNE COURT	GLEN DRIVE	SIRFRA	90	795	60	47,700	A	AC/AC		87	81	88	\$20,879	49,897	SLURRY SEAL		
											Treatment Total		\$38,878					
BRIDGE COURT	DOMINGA AVENUE DEAD END	BRIDGE	10	97	16	1,552	R	AC/AC			94	86	87	\$6	464,208	SEAL CRACKS		
COURT LANE	DOMINGA AVENUE DEAD END	COURTL	10	141	14	1,974	R	AC/AC			94	86	87	\$7	464,208	SEAL CRACKS		
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS		
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS		
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	86	87	\$47	825,530	SEAL CRACKS		
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	88	89	\$3	15,168,488	SEAL CRACKS		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	84	85	\$37	1,203,652	SEAL CRACKS		
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	88	89	\$9	12,168,990	SEAL CRACKS		
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	86	87	\$40	825,530	SEAL CRACKS		
											Treatment Total		\$289					
MANZANITA ROAD	543 FROM WRENDEN FRUSTRUCK INT	991 FRM WRENDEN FRUSTRUCK INT	MANZAR	10	448	14	6,272	R	AC/AC		69	63	100	\$25,100	9,592	MILL AND THIN OVERLAY		
											Treatment Total		\$25,100					
FRUSTUCK AVENUE	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	FRUSTU	50	500	14	7,000	C	AC		59	44	100	\$42,019	9,732	MILL AND THICK OVERLAY		
											Treatment Total		\$42,019					
** - Treatment from Project Selection											Year 2024 Area Total		318,493					
Scenarios Criteria:											Year 2024 Total		\$292,060		MTC StreetSaver			
											Total Section Area:		1,424,422		Grand Total		\$1,426,034	

Appendix H – Budget Analysis Scenario 5 – Maintain Current Network Condition

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN
CURRENT PCI

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	10%	\$600,000	II	\$235,176	Non-Project	\$37,093	\$0	\$4,482,126	Funded	\$29,867
			III	\$111,977					Unmet	\$0
			IV	\$185,771	Project	\$0	\$0	\$4,775,455	Funded	\$7,322
			V	\$0						
			Total	\$532,924						
			Project	\$0						
2021	10%	\$600,000	II	\$81,613	Non-Project	\$53,056	\$0	\$4,775,455	Funded	\$7,322
			III	\$281,188					Unmet	\$0
			IV	\$176,748	Project	\$0	\$0	\$6,376,462	Funded	\$17,780
			V	\$0						
			Total	\$539,549						
			Project	\$0						
2022	10%	\$600,000	II	\$41,917	Non-Project	\$50,405	\$0	\$6,376,462	Funded	\$17,780
			III	\$239,854					Unmet	\$0
			IV	\$249,932	Project	\$0	\$0	\$6,509,029	Funded	\$7,251
			V	\$0						
			Total	\$531,703						
			Project	\$0						
2023	10%	\$600,000	II	\$0	Non-Project	\$53,194	\$0	\$6,509,029	Funded	\$7,251
			III	\$355,280					Unmet	\$0
			IV	\$183,288	Project	\$0	\$0	\$6,795,463	Funded	\$7,210
			V	\$0						
			Total	\$538,568						
			Project	\$0						
2024	10%	\$600,000	II	\$20,397	Non-Project	\$58,316	\$0	\$6,795,463	Funded	\$7,210
			III	\$207,368					Unmet	\$0
			IV	\$305,997	Project	\$0	\$0	\$6,795,463	Funded	\$7,210
			V	\$0						
			Total	\$533,762						
			Project	\$0						

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$1,041,057	\$66,829	\$12,552	\$0
Collector	\$1,111,328	\$97,815	\$21,925	\$0
Residential/Local	\$524,121	\$87,420	\$34,954	\$0
Grand Total:	\$2,676,506	\$252,064	\$69,431	\$0

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN
CURRENT PCI

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$600,000	10%	2022	\$600,000	10%	2024	\$600,000	10%
2021	\$600,000	10%	2023	\$600,000	10%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	61	4.91	9.85
2021	56	61	3.15	6.35
2022	54	61	2.41	4.83
2023	51	60	3.26	6.32
2024	49	60	3.65	7.27

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	14.2%	17.9%	21.2%	0.0%	53.3%
II / III	2.0%	9.9%	4.9%	0.0%	16.7%
IV	5.0%	6.9%	9.8%	0.0%	21.7%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	14.8%	20.4%	20.5%	0.0%	55.6%
II / III	1.9%	4.9%	2.7%	0.0%	9.5%
IV	2.0%	5.1%	7.9%	0.0%	15.0%
V	3.9%	5.5%	10.5%	0.0%	19.8%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$600,000	10%	2022	\$600,000	10%	2024	\$600,000	10%
2021	\$600,000	10%	2023	\$600,000	10%			

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			
BELMONT AVENUE	PASTORI AVENUE	KENT AVENUE	BELMON	10	271	24	6,504	R	AC/AC		61	61	71	\$3,614	23,101	MICROSURFACING
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING
CANYON ROAD	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	CANYON	20	1,437	17	24,429	C	AC/AC		60	60	71	\$13,572	24,120	MICROSURFACING
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	67	76	\$10,885	22,760	MICROSURFACING
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	66	75	\$17,970	22,824	MICROSURFACING
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	68	77	\$8,004	20,437	MICROSURFACING
LIVE OAK AVENUE	MAPLE AVENU	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	69	78	\$10,270	25,834	MICROSURFACING
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	62	72	\$4,620	22,268	MICROSURFACING
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	64	74	\$7,959	23,678	MICROSURFACING
OLEMA ROAD	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	OLEMAR	10	1,050	24	25,200	C	AC		66	66	76	\$14,000	19,617	MICROSURFACING
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	69	78	\$18,912	20,754	MICROSURFACING
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUOI	10	974	19	18,506	R	AC/AC		69	69	78	\$10,282	24,474	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	PACHECO AVENUE	BANK STREET	SIRFRA	20	819	35	28,665	A	AC		61	61	72	\$15,925	28,775	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING		
WESTBRAE DRIVE	OLEMA ROAD	OLEMA ROAD	WESTBR	10	760	25	19,000	R	AC/AC		60	60	70	\$10,556	21,966	MICROSURFACING		
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING		
												Treatment Total		\$235,176				
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	67	100	\$22,799	16,298	THICK AC OL/RUBBERIZED ASPHALT		
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	69	100	\$44,534	15,652	THICK AC OL/RUBBERIZED ASPHALT		
												Treatment Total		\$67,333				
FORREST AVENUE	MEERNA AVENUE	SUMMER AVENUE	FORREA	10	1,080	14	15,120	C	AC/AC		74	74	82	\$5,880	56,384	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	81	88	\$22,785	71,894	SLURRY SEAL		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	80	87	\$2,303	80,964	SLURRY SEAL		
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	84	91	\$6,125	91,420	SLURRY SEAL		
												Treatment Total		\$37,093				
REDWOOD ROAD	1240' WEST OF SCENIC ROAD	1800' WEST OF SCENIC ROAD	REDWOO	30	560	14	7,840	C	AC/AC		62	61	100	\$27,876	13,055	MILL AND THIN OVERLAY		
SHERMAN AVENUE	BOLINAS ROAD	DOMINGA AVENUE	SHERMA	10	262	18	4,716	R	AC/AC		64	64	100	\$16,768	11,089	MILL AND THIN OVERLAY		
												Treatment Total		\$44,644				
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	44	100	\$174,443	15,100	MILL AND THICK OVERLAY		
IVY LANE	PORTEOUS AVENUE	MEERNA AVENUE	IVYLAN	10	118	18	2,124	R	AC/AC		46	45	100	\$11,328	9,192	MILL AND THICK OVERLAY		
												Treatment Total		\$185,771				
Year 2020 Area Total										585,010		Year 2020 Total		\$570,017				

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			
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	68	77	\$21,217	20,319	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year: 2021

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING		
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING		
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	69	78	\$6,606	20,509	MICROSURFACING		
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING		
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	69	78	\$11,811	20,757	MICROSURFACING		
												Treatment Total		\$81,613				
CASCADE DRIVE	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	CASCAD	10	1,285	32	41,120	C	AC/AC		76	75	83	\$16,471	57,143	SLURRY SEAL		
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC		75	73	82	\$19,227	55,669	SLURRY SEAL		
IRON SPRINGS ROAD	ROCK RIDGE ROAD	DEAD END	IRONSP	10	886	12	10,632	R	AC/AC		78	77	85	\$4,259	45,487	SLURRY SEAL		
MEERNA AVENUE	IVY LANE	HILLSIDE DRIVE	MEERNA	20	942	18	16,956	C	AC/AC		79	78	86	\$6,792	63,455	SLURRY SEAL		
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	86	92	\$3,253	55,760	SLURRY SEAL		
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC		75	73	82	\$2,933	53,073	SLURRY SEAL		
												Treatment Total		\$52,935				
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	78	80	\$121	491,928	SEAL CRACKS		
												Treatment Total		\$121				
BROADWAY	SIR FRAN. DRK. BL. AT PACHECO	CLAUS	BROADW	10a	828	60	49,680	C	AC		64	61	100	\$181,940	14,074	MILL AND THIN OVERLAY		
DOMINGA AVENUE	CREEK ROAD	BRIDGE COURT	DOMING	10	847	20	16,940	C	AC/AC		64	61	100	\$62,039	12,759	MILL AND THIN OVERLAY		
PINE DRIVE	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	PINEDR	10	635	16	10,160	C	AC/AC		66	64	100	\$37,209	12,138	MILL AND THIN OVERLAY		
												Treatment Total		\$281,188				
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	46	100	\$82,400	14,494	MILL AND THICK OVERLAY		
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	47	100	\$94,348	14,390	MILL AND THICK OVERLAY		
												Treatment Total		\$176,748				
Year 2021 Area Total										395,074	Year 2021 Total		\$592,605					

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

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					
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING		
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING		
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING		
												Treatment Total		\$41,917				
ALDER COURT	LANDSDALE AVE	DEAD END	ALDERC	10	195	12	2,340	R	AC/AC		83	80	87	\$966	30,069	SLURRY SEAL		
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC		73	70	79	\$11,167	49,625	SLURRY SEAL		
CANYON ROAD	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	CANYON	10	1,017	14	14,238	C	AC/AC		78	75	83	\$5,875	50,092	SLURRY SEAL		
CYPRESS DRIVE	935' NORTH OF LAUREL	LAUREL DRIVE	CYPRES	50	1,700	16	27,200	C	AC/AC		78	75	83	\$11,222	49,807	SLURRY SEAL		
HICKORY ROAD	CASADE DR	CYPRESS DR	HICKOR	05	178	20	3,560	R	AC		80	78	86	\$1,469	39,128	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	455' NORTH OF JUNE COURT	GLEN DRIVE	SIRFRA	90	795	60	47,700	A	AC/AC		88	84	91	\$19,680	44,296	SLURRY SEAL		
												Treatment Total		\$50,379				
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS		
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS		
												Treatment Total		\$26				
BARKER AVENUE	PORTEOUS AVENUE	DEAD END	BARKER	10	345	18	6,210	R	AC/AC		67	63	100	\$23,425	10,186	MILL AND THIN OVERLAY		
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	69	100	\$4,150	9,936	MILL AND THIN OVERLAY		
CYPRESS DRIVE	CASCADE DRIVE	760' WEST OF HICKORY ROAD	CYPRES	10	1,264	34	42,976	C	AC/AC		69	64	100	\$162,110	11,694	MILL AND THIN OVERLAY		
LAUREL DRIVE	CASCADE DRIVE	PINE ROAD	LAUREL	10	950	14	13,300	C	AC		73	68	100	\$50,169	12,358	MILL AND THIN OVERLAY		
												Treatment Total		\$239,854				
BOLINAS ROAD	PARK ROAD	CASCADE DRIVE	BOLINA	20	1,227	36	44,172	A	AC		54	48	100	\$249,932	13,849	MILL AND THICK OVERLAY		
												Treatment Total		\$249,932				
Year 2022 Area Total										315,550		Year 2022 Total		\$582,108				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SIR FRANCIS DRAKE BOULEVARD	BROADWAY	SAN MIGUEL COURT	SIRFRA	40	939	47	44,133	A	AC		75	68	100	\$171,468	15,553	THICK AC OL/RUBBERIZED ASPHALT
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		75	68	100	\$118,306	15,553	THICK AC OL/RUBBERIZED ASPHALT
Treatment Total													\$289,774			
BOTHIN ROAD	MARIN AVENUE	OLEMA ROAD	BOTHIN	10	460	26	11,960	C	AC/AC		82	77	85	\$5,083	39,183	SLURRY SEAL
CASCADE DRIVE	MEADOW WAY	690' WEST OF MEADOW WAY	CASCAD	40	690	24	16,560	R	AC/AC		75	71	80	\$7,038	35,476	SLURRY SEAL
CASCADE DRIVE	1770' WEST OF CANYON ROAD	DEAD END	CASCAD	80	833	15	12,495	R	AC/AC		78	75	83	\$5,310	38,582	SLURRY SEAL
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	77	85	\$1,768	37,852	SLURRY SEAL
MANZANITA COURT	MANZANITA ROAD	DEAD END	MANZAC	10	123	10	1,230	R	AC		82	77	85	\$523	27,177	SLURRY SEAL
MARIN ROAD	OLEMA ROAD	MANOR ROAD (AROUND CIRCLE)	MARINR	10	398	25	9,950	C	AC/AC		82	77	85	\$4,229	39,164	SLURRY SEAL
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	70	79	\$9,179	37,147	SLURRY SEAL
ROCCA DRIVE	TAYLOR DRIVE	TAYLOR DRIVE AT SADY LANE	ROCCAD	20	1,701	14	23,814	R	AC/AC		75	71	80	\$10,120	36,385	SLURRY SEAL
SPRUCE ROAD	610 FT WEST OF PARK ROAD	TAMALPIAS ROAD	SPRUCE	25	765	12	9,180	C	AC/AC		81	76	84	\$3,902	39,607	SLURRY SEAL
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	77	85	\$4,824	50,899	SLURRY SEAL
Treatment Total													\$51,976			
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	86	87	\$100	850,296	SEAL CRACKS
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	86	87	\$20	850,296	SEAL CRACKS
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	85	86	\$262	1,426,816	SEAL CRACKS
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	85	86	\$29	1,473,513	SEAL CRACKS
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	86	87	\$38	850,296	SEAL CRACKS
Treatment Total													\$1,218			
CYPRESS DRIVE	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	CYPRES	40	765	16	12,240	C	AC/AC		72	66	100	\$47,556	10,801	MILL AND THIN OVERLAY
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC		69	64	100	\$17,950	9,520	MILL AND THIN OVERLAY
Treatment Total													\$65,506			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
BLACKBERRY LANE	CREEK ROAD	FORREST AVE	BLACKB	10	190	18	3,420	R	AC/AC		56	49	100	\$19,932	8,265	MILL AND THICK OVERLAY		
BROADWAY	50 FT NW AZALEA AVE.	SIR FRANCIS DRAKE BLVD.	BROADW	35B	340	22	7,480	C	AC		53	41	100	\$43,593	10,144	MILL AND THICK OVERLAY		
MARINDA DRIVE	SIR FRANCIS DRAKE BOULEVARD	SAN GABRIEL DRIVE	MARIND	10	685	30	20,550	C	AC		53	41	100	\$119,763	10,143	MILL AND THICK OVERLAY		
												Treatment Total		\$183,288				
Year 2023 Area Total										416,283		Year 2023 Total		\$591,762				

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					
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	68	78	\$16,195	23,237	MICROSURFACING		
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	68	78	\$4,202	20,899	MICROSURFACING		
												Treatment Total		\$20,397				
AZALEA AVENUE	SIR FRANCIS DRAKE BLVD	SEQUOIA RD	AZALEA	10	789	20	15,780	R	AC/AC		86	80	88	\$6,907	28,877	SLURRY SEAL		
BELLE AVENUE	PASTORI AVENUE	KENT AVENUE	BELLEA	10	295	18	5,310	R	AC/AC		83	77	85	\$2,325	29,927	SLURRY SEAL		
CENTER BOULEVARD	TOWN LIMITS	PASTORI AVENUE	CENTER	10	808	40	32,320	R	AC		80	73	82	\$14,147	27,070	SLURRY SEAL		
COOLIDGE AVENUE	BELMONT AVENUE	BELLE AVENUE	COOLID	10	227	14	3,178	R	AC/AC		94	86	92	\$1,392	21,241	SLURRY SEAL		
LANSDALE AVENUE	PASTORI AVENUE	TOWN LIMITS	LANSDA	10	794	18	14,292	R	AC/AC		91	84	91	\$6,256	24,618	SLURRY SEAL		
MANOR ROAD	LOWER SCENIC ROAD	TAMALPIAS ROAD	MANORR	25	500	23	11,500	C	AC		90	82	89	\$5,034	30,279	SLURRY SEAL		
MEERNA AVENUE	HILLSIDE DR	PORTEOUS AV	MEERNA	30	995	19	18,905	R	AC		80	73	82	\$8,275	27,069	SLURRY SEAL		
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	84	91	\$3,279	34,936	SLURRY SEAL		
SCHOOL STREET	PARK ROAD	DEAD END	SCHOOL	20	150	25	3,750	R	AC		82	75	84	\$1,642	31,821	SLURRY SEAL		
SHEMRAN COURT	SIR FRANCIS DRAKE BOULEVARD	NORTH TO DEAD END	SHEMRC	10	380	23	8,740	R	AC		82	75	84	\$3,826	26,806	SLURRY SEAL		
SUMMER AVENUE	FOREST AVENUE	DEAD END	SUMMER	10	284	15	4,260	R	AC/AC		89	83	90	\$1,865	26,491	SLURRY SEAL		
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	84	91	\$3,099	34,936	SLURRY SEAL		
												Treatment Total		\$58,047				
BRIDGE COURT	DOMINGA AVENUE DEAD END		BRIDGE	10	97	16	1,552	R	AC/AC		94	86	87	\$6	464,208	SEAL CRACKS		
COURT LANE	DOMINGA AVENUE DEAD END		COURTL	10	141	14	1,974	R	AC/AC		94	86	87	\$7	464,208	SEAL CRACKS		
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS		
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	86	87	\$47	825,530	SEAL CRACKS		
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	88	89	\$3	15,168,488	SEAL CRACKS		
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	86	87	\$54	825,530	SEAL CRACKS		
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	88	89	\$12	9,436,610	SEAL CRACKS		
												Treatment Total		\$269				
ARROYO ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	ARROYO	10	646	12	7,752	R	AC/AC		73	67	100	\$31,023	8,418	MILL AND THIN OVERLAY		
CASCADE DRIVE	CANYON ROAD	890' WEST OF CANYON ROAD	CASCAD	60	890	18	16,020	R	AC/AC		72	66	100	\$64,109	8,930	MILL AND THIN OVERLAY		
MANOR ROAD	MARIN AVENUE	OLEMA ROAD	MANORR	10	393	26	10,218	R	AC/AC		71	65	100	\$40,891	9,155	MILL AND THIN OVERLAY		
MANZANITA ROAD	543 FROM WRENDEN FRUSTRUCK INT	991 FRM WRENDEN FRUSTRUCK INT	MANZAR	10	448	14	6,272	R	AC/AC		69	63	100	\$25,100	9,592	MILL AND THIN OVERLAY		
MEADOW WAY (3)	MEADOW WAY (2)	E END	MEADOW	30	642	18	11,556	R	AC		71	65	100	\$46,245	9,551	MILL AND THIN OVERLAY		
												Treatment Total		\$207,368				
CANYON ROAD	2428' WEST OF CASCADE DRIVE	DEAD END	CANYON	30	672	14	9,408	C	AC/AC		59	49	100	\$56,474	9,254	MILL AND THICK OVERLAY		
CHESTER AVENUE	WILLOW AVENUE	402' WEST OF WILLOW AVENUE	CHESTE	10	402	14	5,628	R	AC/AC		51	42	100	\$33,784	8,420	MILL AND THICK OVERLAY		
DOMINGA AVENUE	BRIDGE COURT	NAPA AVENUE	DOMING	20	472	20	9,440	C	AC/AC		53	42	100	\$56,666	9,684	MILL AND THICK OVERLAY		
FORREST AVENUE	2230' EAST OF SUMMER AVENUE	TOWN LIMITS	FORREA	40	850	14	11,900	C	AC/PCC		52	41	100	\$71,433	9,715	MILL AND THICK OVERLAY		
FRUSTUCK AVENUE	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	FRUSTU	50	500	14	7,000	C	AC		59	44	100	\$42,019	9,732	MILL AND THICK OVERLAY		
MEADOW WAY (1)	CASCADE DR	MEADOW WAY (2) "T"	MEADOW	10	380	20	7,600	R	AC		49	40	100	\$45,621	8,489	MILL AND THICK OVERLAY		
												Treatment Total		\$305,997				
Year 2024 Area Total										350,480		Year 2024 Total		\$592,078				
Total Section Area:										2,062,397		Grand Total		\$2,928,570				

** - Treatment from Project Selection

Scenarios Criteria:

Appendix I – Budget Analysis Scenario 6 – Increase Current Network Condition Five Points

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap				
2020	10%	\$950,000	II	\$235,176	Non-Project	\$71,221	\$0	\$4,131,128	Funded	\$28,572	
			III	\$348,849					Unmet	\$0	
			IV	\$265,771	Project	\$0					
			V	\$0							
			Total	\$849,796							
			Project	\$0							
2021	10%	\$950,000	II	\$81,613	Non-Project	\$94,474	\$0	\$4,064,088	Funded	\$7,322	
			III	\$289,962					Unmet	\$0	
			IV	\$476,397	Project	\$0					
			V	\$0							
			Total	\$847,972							
			Project	\$0							
2022	10%	\$950,000	II	\$41,917	Non-Project	\$84,100	\$0	\$5,632,575	Funded	\$17,593	
			III	\$123,915					Unmet	\$0	
			IV	\$682,102	Project	\$0					
			V	\$0							
			Total	\$847,934							
			Project	\$0							
2023	8%	\$950,000	II	\$0	Non-Project	\$74,599	\$0	\$5,710,537	Funded	\$7,042	
			III	\$189,159					Unmet	\$0	
			IV	\$678,161	Project	\$0					
			V	\$0							
			Total	\$867,320							
			Project	\$0							
2024	2%	\$725,000	II	\$0	Non-Project	\$16,236	\$0	\$6,127,394	Funded	\$6,467	
			III	\$0					Unmet	\$0	
			IV	\$641,673	Project	\$0					
			V	\$55,466							
			Total	\$697,139							
			Project	\$0							

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$922,404	\$97,728	\$12,219	\$0
Collector	\$1,906,016	\$98,052	\$20,605	\$0
Residential/Local	\$1,281,741	\$144,850	\$34,172	\$0
Grand Total:	\$4,110,161	\$340,630	\$66,995	\$0

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$950,000	10%	2022	\$950,000	10%	2024	\$725,000	2%
2021	\$950,000	10%	2023	\$950,000	7.5%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	63	6.18	12.44
2021	56	63	4.73	9.06
2022	54	64	3.57	7.14
2023	51	65	4.32	8.58
2024	49	65	2.83	5.64

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	14.7%	20.1%	21.2%	0.0%	56.0%
II / III	2.0%	7.7%	4.9%	0.0%	14.5%
IV	4.5%	6.9%	9.8%	0.0%	21.2%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	15.6%	24.9%	25.3%	0.0%	65.8%
II / III	1.9%	4.9%	1.8%	0.0%	8.7%
IV	1.2%	0.7%	4.0%	0.0%	5.9%
V	3.9%	5.3%	10.5%	0.0%	19.7%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$950,000	10%	2022	\$950,000	10%	2024	\$725,000	2%
2021	\$950,000	10%	2023	\$950,000	7.5%			

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			
BELMONT AVENUE	PASTORI AVENUE	KENT AVENUE	BELMON	10	271	24	6,504	R	AC/AC		61	61	71	\$3,614	23,101	MICROSURFACING
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING
CANYON ROAD	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	CANYON	20	1,437	17	24,429	C	AC/AC		60	60	71	\$13,572	24,120	MICROSURFACING
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	67	76	\$10,885	22,760	MICROSURFACING
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	66	75	\$17,970	22,824	MICROSURFACING
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	68	77	\$8,004	20,437	MICROSURFACING
LIVE OAK AVENUE	MAPLE AVENU	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	69	78	\$10,270	25,834	MICROSURFACING
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	62	72	\$4,620	22,268	MICROSURFACING
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	64	74	\$7,959	23,678	MICROSURFACING
OLEMA ROAD	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	OLEMAR	10	1,050	24	25,200	C	AC		66	66	76	\$14,000	19,617	MICROSURFACING
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	69	78	\$18,912	20,754	MICROSURFACING
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUOI	10	974	19	18,506	R	AC/AC		69	69	78	\$10,282	24,474	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	PACHECO AVENUE	BANK STREET	SIRFRA	20	819	35	28,665	A	AC		61	61	72	\$15,925	28,775	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING		
WESTBRAE DRIVE	OLEMA ROAD	OLEMA ROAD	WESTBR	10	760	25	19,000	R	AC/AC		60	60	70	\$10,556	21,966	MICROSURFACING		
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING		
												Treatment Total		\$235,176				
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	67	100	\$22,799	16,298	THICK AC OL/RUBBERIZED ASPHALT		
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	69	100	\$44,534	15,652	THICK AC OL/RUBBERIZED ASPHALT		
												Treatment Total		\$67,333				
CANYON ROAD	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	CANYON	10	1,017	14	14,238	C	AC/AC		78	78	86	\$5,537	53,617	SLURRY SEAL		
CASCADE DRIVE	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	CASCAD	10	1,285	32	41,120	C	AC/AC		76	76	84	\$15,992	60,097	SLURRY SEAL		
FORREST AVENUE	MEERNA AVENUE	SUMMER AVENUE	FORREA	10	1,080	14	15,120	C	AC/AC		74	74	82	\$5,880	56,384	SLURRY SEAL		
MEERNA AVENUE	IVY LANE	HILLSIDE DRIVE	MEERNA	20	942	18	16,956	C	AC/AC		79	79	87	\$6,594	66,167	SLURRY SEAL		
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	87	93	\$3,158	51,069	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	81	88	\$22,785	71,894	SLURRY SEAL		
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC		75	75	83	\$2,847	55,674	SLURRY SEAL		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	80	87	\$2,303	80,964	SLURRY SEAL		
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	84	91	\$6,125	91,420	SLURRY SEAL		
												Treatment Total		\$71,221				
BROADWAY	SIR FRAN. DRK. BL. AT PACHECO	CLAUS	BROADW	10a	828	60	49,680	C	AC		64	64	100	\$176,640	13,939	MILL AND THIN OVERLAY		
DOMINGA AVENUE	CREEK ROAD	BRIDGE COURT	DOMING	10	847	20	16,940	C	AC/AC		64	63	100	\$60,232	12,585	MILL AND THIN OVERLAY		
REDWOOD ROAD	1240' WEST OF SCENIC ROAD	1800' WEST OF SCENIC ROAD	REDWOO	30	560	14	7,840	C	AC/AC		62	61	100	\$27,876	13,055	MILL AND THIN OVERLAY		
SHERMAN AVENUE	BOLINAS ROAD	DOMINGA AVENUE	SHERMA	10	262	18	4,716	R	AC/AC		64	64	100	\$16,768	11,089	MILL AND THIN OVERLAY		
												Treatment Total		\$281,516				
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	44	100	\$174,443	15,100	MILL AND THICK OVERLAY		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2020

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
IVY LANE	PORTEOUS AVENUE	MEERNA AVENUE	IVYLAN	10	118	18	2,124	R	AC/AC		46	45	100	\$11,328	9,192	MILL AND THICK OVERLAY		
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	49	100	\$80,000	14,615	MILL AND THICK OVERLAY		
												Treatment Total		\$265,771				
Year 2020 Area Total										754,384		Year 2020 Total		\$921,017				

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					
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	68	77	\$21,217	20,319	MICROSURFACING		
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING		
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING		
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	69	78	\$6,606	20,509	MICROSURFACING		
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING		
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	69	78	\$11,811	20,757	MICROSURFACING		
												Treatment Total		\$81,613				
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC		73	71	80	\$10,842	52,638	SLURRY SEAL		
CASCADE DRIVE	1770' WEST OF CANYON ROAD	DEAD END	CASCAD	80	833	15	12,495	R	AC/AC		78	77	85	\$5,005	41,014	SLURRY SEAL		
CYPRESS DRIVE	935' NORTH OF LAUREL	LAUREL DRIVE	CYPRES	50	1,700	16	27,200	C	AC/AC		78	76	85	\$10,896	51,512	SLURRY SEAL		
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC		75	73	82	\$19,227	55,669	SLURRY SEAL		
HICKORY ROAD	CASADE DR	CYPRESS DR	HICKOR	05	178	20	3,560	R	AC		80	79	87	\$1,426	40,304	SLURRY SEAL		
IRON SPRINGS ROAD	ROCK RIDGE ROAD	DEAD END	IRONSP	10	886	12	10,632	R	AC/AC		78	77	85	\$4,259	45,487	SLURRY SEAL		
MANZANITA COURT	MANZANITA ROAD	DEAD END	MANZAC	10	123	10	1,230	R	AC		82	80	88	\$493	26,987	SLURRY SEAL		
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	73	81	\$8,652	40,037	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	BROADWAY	SAN MIGUEL COURT	SIRFRA	40	939	47	44,133	A	AC		75	72	81	\$17,678	43,335	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		75	72	81	\$12,197	43,335	SLURRY SEAL		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

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					
SPRUCE ROAD	610 FT WEST OF PARK ROAD	TAMALPIAS ROAD	SPRUCE	25	765	12	9,180	C	AC/AC		81	79	87	\$3,678	39,866	SLURRY SEAL		
												Treatment Total		\$94,353				
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	78	80	\$121	491,928	SEAL CRACKS		
												Treatment Total		\$121				
CASCADE DRIVE	890' WEST OF CANYON ROAD	1770' WEST OF CANYON ROAD	CASCAD	70	880	15	13,200	R	AC/AC		65	63	100	\$48,342	10,877	MILL AND THIN OVERLAY		
CYPRESS DRIVE	CASCADE DRIVE	760' WEST OF HICKORY ROAD	CYPRES	10	1,264	34	42,976	C	AC/AC		69	66	100	\$157,388	11,460	MILL AND THIN OVERLAY		
PINE DRIVE	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	PINEDR	10	635	16	10,160	C	AC/AC		66	64	100	\$37,209	12,138	MILL AND THIN OVERLAY		
WOODLAND ROAD	LAUREL DRIVE	OAK ROAD	WOODRO	10	1,284	10	12,840	R	AC/AC		63	61	100	\$47,023	11,385	MILL AND THIN OVERLAY		
												Treatment Total		\$289,962				
PORTEOUS AVENUE	WOOD LANE	TOWN LIMITS	PORTEO	30	1,160	17	19,720	C	AC/AC		43	40	100	\$108,329	10,694	MILL AND THICK OVERLAY		
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	47	100	\$94,348	14,390	MILL AND THICK OVERLAY		
SIR FRANCIS DRAKE BOULEVARD	OAK TREE LANE	OAK MANOR DRIVE	SIRFRA	60	722	35	25,270	A	AC/AC		45	42	100	\$173,521	11,832	MILL AND THICK OVERLAY		
WILLOW AVENUE	MAPLE AVENUE	912' NORTH OF MAPLE AVENUE	WILLOW	20	912	20	18,240	C	AC/AC		46	43	100	\$100,199	10,520	MILL AND THICK OVERLAY		
												Treatment Total		\$476,397				
Year 2021 Area Total										549,098		Year 2021 Total		\$942,446				

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					
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING		
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING		
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING		
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING		
												Treatment Total		\$41,917				
ALDER COURT	LANDSDALE AVE	DEAD END	ALDERC	10	195	12	2,340	R	AC/AC		83	80	87	\$966	30,069	SLURRY SEAL		
ARROYO ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	ARROYO	10	646	12	7,752	R	AC/AC		73	70	79	\$3,199	35,815	SLURRY SEAL		
BELLE AVENUE	PASTORI AVENUE	KENT AVENUE	BELLEA	10	295	18	5,310	R	AC/AC		83	80	87	\$2,191	30,069	SLURRY SEAL		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
BOTHIN ROAD	MARIN AVENUE	OLEMA ROAD	BOTHIN	10	460	26	11,960	C	AC/AC		82	78	86	\$4,935	39,311	SLURRY SEAL		
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	71	80	\$10,686	35,793	SLURRY SEAL		
CASCADE DRIVE	MEADOW WAY	690' WEST OF MEADOW WAY	CASCAD	40	690	24	16,560	R	AC/AC		75	72	81	\$6,833	36,772	SLURRY SEAL		
COOLIDGE AVENUE	BELMONT AVENUE	BELLE AVENUE	COOLID	10	227	14	3,178	R	AC/AC		94	89	94	\$1,312	15,670	SLURRY SEAL		
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	79	86	\$1,717	38,619	SLURRY SEAL		
MANOR ROAD	LOWER SCENIC ROAD	TAMALPIAS ROAD	MANORR	25	500	23	11,500	C	AC		90	86	92	\$4,745	29,929	SLURRY SEAL		
MARIN ROAD	OLEMA ROAD	MANOR ROAD (AROUND CIRCLE)	MARINR	10	398	25	9,950	C	AC/AC		82	78	86	\$4,106	39,292	SLURRY SEAL		
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	74	82	\$2,773	34,460	SLURRY SEAL		
MEERNA AVENUE	HILLSIDE DR	PORTEOUS AV	MEERNA	30	995	19	18,905	R	AC		80	77	85	\$7,800	28,153	SLURRY SEAL		
ROCCA DRIVE	TAYLOR DRIVE	TAYLOR DRIVE AT SADY LANE	ROCCAD	20	1,701	14	23,814	R	AC/AC		75	72	81	\$9,825	37,750	SLURRY SEAL		
SCHOOL STREET	PARK ROAD	DEAD END	SCHOOL	20	150	25	3,750	R	AC		82	79	86	\$1,548	32,704	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	455' NORTH OF JUNE COURT	GLEN DRIVE	SIRFRA	90	795	60	47,700	A	AC/AC		88	84	91	\$19,680	44,296	SLURRY SEAL		
SUMMER AVENUE	FOREST AVENUE	DEAD END	SUMMER	10	284	15	4,260	R	AC/AC		89	85	92	\$1,758	23,743	SLURRY SEAL		
												Treatment Total		\$84,074				
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS		
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS		
												Treatment Total		\$26				
BARKER AVENUE	PORTEOUS AVENUE	DEAD END	BARKER	10	345	18	6,210	R	AC/AC		67	63	100	\$23,425	10,186	MILL AND THIN OVERLAY		
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	69	100	\$4,150	9,936	MILL AND THIN OVERLAY		
CYPRESS DRIVE	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	CYPRES	40	765	16	12,240	C	AC/AC		72	68	100	\$46,171	10,536	MILL AND THIN OVERLAY		
LAUREL DRIVE	CASCADE DRIVE	PINE ROAD	LAUREL	10	950	14	13,300	C	AC		73	68	100	\$50,169	12,358	MILL AND THIN OVERLAY		
												Treatment Total		\$123,915				
BOLINAS ROAD	PARK ROAD	CASCADE DRIVE	BOLINA	20	1,227	36	44,172	A	AC		54	48	100	\$249,932	13,849	MILL AND THICK OVERLAY		
MARINDA DRIVE	SAN GABRIEL DRIVE	DEAD END	MARIND	20	1,398	30	41,940	C	AC		51	43	100	\$237,303	10,377	MILL AND THICK OVERLAY		
SAN GABRIEL DRIVE	MARINDA DRIVE	1148' EAST OF MARINDA DRIVE	SANGAD	10	1,148	30	34,440	C	AC		50	41	100	\$194,867	10,419	MILL AND THICK OVERLAY		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

		Treatment Total	\$682,102
Year 2022 Area Total	442,849	Year 2022 Total	\$932,034

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
												PCI Before	PCI After				
AZALEA AVENUE	SIR FRANCIS DRAKE BLVD	SEQUOIA RD	AZALEA	10	789	20	15,780	R	AC/AC		86	81	89	\$6,706	28,505	SLURRY SEAL	
BAYWOOD COURT	LANDSDALE AVENUE	DEAD END	BAYWOO	10	470	18	8,460	R	AC/AC		91	86	92	\$3,596	21,661	SLURRY SEAL	
BELLE AVENUE	KENT AVENUE	TOWN LIMITS	BELLEA	20	515	18	9,270	R	AC/AC		93	87	93	\$3,940	19,857	SLURRY SEAL	
BELMONT AVENUE	KENT AVENUE	TOWN LIMITS	BELMON	20	543	14	7,602	R	AC/AC		93	87	93	\$3,231	19,299	SLURRY SEAL	
CENTER BOULEVARD	TOWN LIMITS	PASTORI AVENUE	CENTER	10	808	40	32,320	R	AC		80	75	83	\$13,735	27,714	SLURRY SEAL	
COREE LANE	FRUSTUCK AVENUE	DEAD END	COREEL	10	267	14	3,738	R	AC		93	87	93	\$1,589	16,994	SLURRY SEAL	
LANSDALE AVENUE	PASTORI AVENUE	TOWN LIMITS	LANSDA	10	794	18	14,292	R	AC/AC		91	85	92	\$6,074	23,011	SLURRY SEAL	
PIPER COURT	PIPER LANE	DEAD END	PIPERC	10	492	23	11,316	R	AC/AC		93	87	93	\$4,809	19,280	SLURRY SEAL	
PIPER LANE	OAK MANOR DRIVE	DEAD END	PIPERL	10	1,002	34	34,068	R	AC/AC		94	88	93	\$14,478	18,864	SLURRY SEAL	
SHEMRAN COURT	SIR FRANCIS DRAKE BOULEVARD	NORTH TO DEAD END	SHEMRC	10	380	23	8,740	R	AC		82	77	85	\$3,715	27,177	SLURRY SEAL	
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	77	85	\$4,824	50,899	SLURRY SEAL	
TOYON DRIVE	OAK ROAD	NORTH DEAD END	TOYONR	10	710	22	15,620	R	AC		89	83	90	\$6,638	22,068	SLURRY SEAL	
												Treatment Total	\$73,335				
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	86	87	\$100	850,296	SEAL CRACKS	
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	86	87	\$46	850,296	SEAL CRACKS	
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	86	87	\$20	850,296	SEAL CRACKS	
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS	
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	85	86	\$262	1,426,816	SEAL CRACKS	
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	85	86	\$29	1,473,513	SEAL CRACKS	
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	86	87	\$38	850,296	SEAL CRACKS	
												Treatment Total	\$1,264				
CASCADE DRIVE	CANYON ROAD	890' WEST OF CANYON ROAD	CASCAD	60	890	18	16,020	R	AC/AC		72	67	100	\$62,242	8,808	MILL AND THIN OVERLAY	
MANOR ROAD	MARIN AVENUE	OLEMA ROAD	MANORR	10	393	26	10,218	R	AC/AC		71	66	100	\$39,700	9,050	MILL AND THIN OVERLAY	

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
												PCI Before	PCI After				
MANZANITA ROAD	543 FROM WREN DEN FRUSTRUCK INT	991 FRM WREN DEN FRUSTRUCK INT	MANZAR	10	448	14	6,272	R	AC/AC		69	64	100	\$24,369	9,519	MILL AND THIN OVERLAY	
MEADOW WAY (3)	MEADOW WAY (2)	E END	MEADOW	30	642	18	11,556	R	AC		71	66	100	\$44,898	9,460	MILL AND THIN OVERLAY	
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC		69	64	100	\$17,950	9,520	MILL AND THIN OVERLAY	
												Treatment Total		\$189,159			
BROADWAY	MERWIN AVENUE	AZALEA AVENUE	BROADW	25	402	22	8,844	C	AC/AC		49	41	100	\$51,542	10,025	MILL AND THICK OVERLAY	
BROADWAY	50 FT NW AZALEA AVE.	SIR FRANCIS DRAKE BLVD.	BROADW	35B	340	22	7,480	C	AC		53	41	100	\$43,593	10,144	MILL AND THICK OVERLAY	
CHESTER AVENUE	WILLOW AVENUE	402' WEST OF WILLOW AVENUE	CHESTE	10	402	14	5,628	R	AC/AC		51	44	100	\$32,800	8,559	MILL AND THICK OVERLAY	
CHESTER AVENUE	LIVE OAK AVENUE	556' NORTH OF LIVE OAK AVENUE	CHESTE	20	556	14	7,784	R	AC/AC		47	40	100	\$45,365	8,694	MILL AND THICK OVERLAY	
CLAUS DRIVE	SIR FRANCIS DRAKE BOULEVARD	TAYLOR DRIVE	CLAUSD	10	494	26	12,844	R	AC		48	41	100	\$74,854	8,691	MILL AND THICK OVERLAY	
DOMINGA AVENUE	BRIDGE COURT	NAPA AVENUE	DOMING	20	472	20	9,440	C	AC/AC		53	45	100	\$55,016	9,804	MILL AND THICK OVERLAY	
FORREST AVENUE	2230' EAST OF SUMMER AVENUE	TOWN LIMITS	FORREA	40	850	14	11,900	C	AC/PCC		52	44	100	\$69,352	9,843	MILL AND THICK OVERLAY	
FRUSTUCK AVENUE	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	FRUSTU	50	500	14	7,000	C	AC		59	48	100	\$40,796	9,832	MILL AND THICK OVERLAY	
HILLSIDE DRIVE	CREST ROAD	DEAD END	HILLSI	50	850	14	11,900	C	AC/AC		49	41	100	\$69,352	10,026	MILL AND THICK OVERLAY	
MARINDA COURT	MARINDA DRIVE	DEAD END	MARINC	10	186	29	5,394	R	AC		47	40	100	\$31,436	8,733	MILL AND THICK OVERLAY	
MARINDA DRIVE	SIR FRANCIS DRAKE BOULEVARD	SAN GABRIEL DRIVE	MARIND	10	685	30	20,550	C	AC		53	41	100	\$119,763	10,143	MILL AND THICK OVERLAY	
MEADOW WAY (1)	CASCADE DR	MEADOW WAY (2) "T"	MEADOW	10	380	20	7,600	R	AC		49	42	100	\$44,292	8,641	MILL AND THICK OVERLAY	
												Treatment Total		\$678,161			
Year 2023 Area Total										523,697		Year 2023 Total		\$941,919			

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			
PASTORI AVENUE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	PASTOR	10	608	32	19,456	R	AC		93	85	91	\$8,516	19,688	SLURRY SEAL

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	84	91	\$3,279	34,936	SLURRY SEAL
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	84	91	\$3,099	34,936	SLURRY SEAL
Treatment Total													\$14,894			
BRIDGE COURT	DOMINGA AVENUE DEAD END		BRIDGE	10	97	16	1,552	R	AC/AC		94	86	87	\$6	464,208	SEAL CRACKS
COURT LANE	DOMINGA AVENUE DEAD END		COURTL	10	141	14	1,974	R	AC/AC		94	86	87	\$7	464,208	SEAL CRACKS
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	87	88	\$13	3,623,180	SEAL CRACKS
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	86	87	\$54	825,530	SEAL CRACKS
SIR FRANCIS DRAKE BOULEVARD	BROADWAY	SAN MIGUEL COURT	SIRFRA	40	939	47	44,133	A	AC		75	74	77	\$610	331,938	SEAL CRACKS
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		75	74	77	\$421	331,938	SEAL CRACKS
SIR FRANCIS DRAKE BOULEVARD	OAK TREE LANE	OAK MANOR DRIVE	SIRFRA	60	722	35	25,270	A	AC/AC		45	86	87	\$79	825,530	SEAL CRACKS
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	88	89	\$12	9,436,610	SEAL CRACKS
Treatment Total													\$1,342			
BANK STREET	BROADWAY	ELSIE LANE	BANKST	10	280	32	8,960	R	AC		54	45	100	\$53,785	8,266	MILL AND THICK OVERLAY
BLACKBERRY LANE	CREEK ROAD	FORREST AVE	BLACKB	10	190	18	3,420	R	AC/AC		56	47	100	\$20,530	8,163	MILL AND THICK OVERLAY
CANYON ROAD	2428' WEST OF CASCADE DRIVE	DEAD END	CANYON	30	672	14	9,408	C	AC/AC		59	49	100	\$56,474	9,254	MILL AND THICK OVERLAY
CRESCENT CIRCLE	OAK TREE LANE	DEAD END	CRESC	10	331	29	9,599	R	AC/AC		57	48	100	\$57,621	8,020	MILL AND THICK OVERLAY
MONO AVENUE	PACHECO AVE	INYO AVE	MONOAV	20	638	20	12,760	R	AC/AC		49	40	100	\$76,595	8,440	MILL AND THICK OVERLAY
NAPA AVENUE	PACHECO AVENUE	DOMINGA AVENUE	NAPAAV	10	300	20	6,000	R	AC/AC		58	48	100	\$36,017	8,062	MILL AND THICK OVERLAY
PACHECO AVENUE	SIR FRANCIS DRAKE BLVD	DEAD END	PACHEC	10	596	20	11,920	R	AC/AC		54	46	100	\$71,553	8,150	MILL AND THICK OVERLAY
PARK ROAD	BOLINAS ROAD	SCHOOL STREET	PARKRO	10	588	24	14,112	R	AC/AC		56	48	100	\$84,711	8,000	MILL AND THICK OVERLAY
PARK ROAD	SCHOOL STREET	SPRUCE ROAD	PARKRO	20	585	21	12,285	R	AC		53	43	100	\$73,744	8,347	MILL AND THICK OVERLAY
RIDGE ROAD	SCENIC ROAD	CUL-DE-SAC	RIDGER	10	1,536	12	18,432	R	AC/AC		54	46	100	\$110,643	8,149	MILL AND THICK OVERLAY
Treatment Total													\$641,673			

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 6 - INCREASE
PCI BY 5

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
FRUSTUCK AVENUE	WILLIS LANE	500' WEST OF BOLINAS ROAD	FRUSTU	40	396	14	5,544	C	AC		15	0	100	\$55,466	5,861	RECONSTRUCT STRUCTURE (AC)

Treatment Total \$55,466

Year 2024 Area Total 313,780

Year 2024 Total \$713,375

Total Section Area: 2,583,808

Grand Total \$4,450,791

Appendix J – Budget Analysis Scenario 7 – Average of PMP Determined Needs

Scenarios - Cost Summary

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2020	3%	\$2,126,677	II	\$235,176	Non-Project	\$44,166	\$0	\$2,949,589	Funded	\$23,913
			III	\$652,446					Unmet	\$0
			IV	\$1,170,771	Project	\$0				
			V	\$0						
			Total	\$2,058,393						
Project	\$0									
2021	3%	\$2,126,677	II	\$81,613	Non-Project	\$75,132	\$0	\$2,113,141	Funded	\$1,928
			III	\$119,632					Unmet	\$0
			IV	\$1,021,619	Project	\$0				
			V	\$826,237						
			Total	\$2,049,101						
Project	\$0									
2022	3%	\$2,126,677	II	\$41,917	Non-Project	\$80,640	\$0	\$2,463,418	Funded	\$6,141
			III	\$160,919					Unmet	\$0
			IV	\$490,885	Project	\$0				
			V	\$1,345,329						
			Total	\$2,039,050						
Project	\$0									
2023	3%	\$2,126,677	II	\$0	Non-Project	\$84,385	\$0	\$1,320,821	Funded	\$1,008
			III	\$30,119					Unmet	\$0
			IV	\$237,617	Project	\$0				
			V	\$1,773,247						
			Total	\$2,040,983						
Project	\$0									
2024	3%	\$2,126,677	II	\$0	Non-Project	\$57,442	\$8,485	\$299,846	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$327,529	Project	\$0				
			V	\$1,633,775						
			Total	\$1,961,304						
Project	\$0									

Summary				
Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$2,286,011	\$98,134	\$3,689	\$0
Collector	\$3,498,244	\$99,119	\$6,447	\$0
Residential/Local	\$4,364,576	\$144,512	\$22,854	\$0
Grand Total:	\$10,148,831	\$341,765	\$32,989	\$0

Scenarios - Network Condition Summary

Interest: 3%

Inflation: 3%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$2,126,677	3.1%	2022	\$2,126,677	3.1%	2024	\$2,126,677	3.1%
2021	\$2,126,677	3.1%	2023	\$2,126,677	3.1%			

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2020	59	66	7.69	15.31
2021	56	70	5.85	11.51
2022	54	74	4.39	8.63
2023	51	78	6.06	12.12
2024	49	82	4.78	9.53

Percent Network Area by Functional Class and Condition Category

Condition in base year 2020, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	8.8%	12.3%	16.3%	0.0%	37.4%
II / III	6.3%	15.5%	9.7%	0.0%	31.5%
IV	6.1%	6.9%	9.9%	0.0%	22.8%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2020 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	16.7%	24.4%	22.7%	0.0%	63.8%
II / III	2.0%	6.0%	3.8%	0.0%	11.8%
IV	2.5%	4.3%	9.4%	0.0%	16.2%
V	1.4%	1.2%	5.7%	0.0%	8.2%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Condition in year 2024 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	20.7%	30.9%	36.0%	0.0%	87.7%
II / III	1.9%	4.9%	1.8%	0.0%	8.7%
IV	0.0%	0.0%	2.7%	0.0%	2.7%
V	0.0%	0.0%	1.0%	0.0%	1.0%
Total	22.6%	35.9%	41.5%	0.0%	100.0%

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2020	\$2,126,677	3.1%	2022	\$2,126,677	3.1%	2024	\$2,126,677	3.1%
2021	\$2,126,677	3.1%	2023	\$2,126,677	3.1%			

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			
BELMONT AVENUE	PASTORI AVENUE	KENT AVENUE	BELMON	10	271	24	6,504	R	AC/AC		61	61	71	\$3,614	23,101	MICROSURFACING
BOTHIN ROAD	1041' WEST OF OLEMA ROAD	TOWN LIMITS	BOTHIN	30	1,031	25	25,775	C	AC/AC		68	68	77	\$14,320	33,667	MICROSURFACING
BROADWAY	CLAUS	BANK	BROADW	10b	155	60	9,300	C	AC/AC		68	68	77	\$5,167	28,387	MICROSURFACING
CANYON ROAD	1017' WEST OF CASCADE DRIVE	2454' WEST OF CASCADE DRIVE	CANYON	20	1,437	17	24,429	C	AC/AC		60	60	71	\$13,572	24,120	MICROSURFACING
CASCADE DRIVE	690' WEST OF MEADOW WAY	CANYON ROAD	CASCAD	50	933	21	19,593	R	AC/AC		67	67	76	\$10,885	22,760	MICROSURFACING
CENTER BOULEVARD	727' NORTH OF PASTORI AVENUE	PACHECO AVENUE	CENTER	30	599	54	32,346	R	AC/AC		66	66	75	\$17,970	22,824	MICROSURFACING
FORREST AVENUE	1230' EAST OF SUMMER AVENUE	2230' EAST OF SUMMER AVENUE	FORREA	30	1,000	14	14,000	C	AC/PCC		68	68	77	\$7,778	33,053	MICROSURFACING
FRUSTUCK AVENUE	MANZANITA ROAD	WILLIS LANE	FRUSTU	30	1,029	14	14,406	C	AC		68	68	77	\$8,004	20,437	MICROSURFACING
LIVE OAK AVENUE	MAPLE AVENU	1027' WEST OF MAPLE AVENUE	LIVEOA	10	1,027	18	18,486	R	AC/AC		69	69	78	\$10,270	25,834	MICROSURFACING
MANZANITA ROAD	991 FRM WRENDEN FRUSTRUCK INT	FRUSTUCK AVENUE	MANZAR	20	594	14	8,316	R	AC/AC		62	62	72	\$4,620	22,268	MICROSURFACING
OAK TREE LANE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	OAKTRE	10	494	29	14,326	R	AC/AC		64	64	74	\$7,959	23,678	MICROSURFACING
OLEMA ROAD	SIR FRANCIS DRAKE BOULEVARD	MARIN ROAD	OLEMAR	10	1,050	24	25,200	C	AC		66	66	76	\$14,000	19,617	MICROSURFACING
OLEMA ROAD	MARIN ROAD	TOWN LIMITS	OLEMAR	20	1,480	23	34,040	C	AC		69	69	78	\$18,912	20,754	MICROSURFACING
PINE DRIVE	635' WEST OF LAUREL DRIVE	1900' WEST OF LAUREL DRIVE	PINEDR	20	1,265	14	17,710	C	AC/AC		68	68	77	\$9,839	31,042	MICROSURFACING
SCENIC ROAD	BAY ROAD	200 FT W. BAY ROAD	SCENIC	20B	200	14	2,800	A	AC/AC		60	60	71	\$1,556	33,654	MICROSURFACING
SCENIC ROAD	200' WEST OF BAY ROAD	400' NORTH OF REDWOOD ROAD	SCENIC	30	922	15	13,830	A	AC/AC		63	63	73	\$7,684	34,689	MICROSURFACING
SEQUOIA ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	SEQUOI	10	974	19	18,506	R	AC/AC		69	69	78	\$10,282	24,474	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	68	77	\$30,520	44,289	MICROSURFACING
SIR FRANCIS DRAKE BOULEVARD	PACHECO AVENUE	BANK STREET	SIRFRA	20	819	35	28,665	A	AC		61	61	72	\$15,925	28,775	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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					
TAMALPAIS ROAD	1050' SOUTH OF SCENIC ROAD	BERRY TRAIL	TAMALP	30	812	16	12,992	A	AC/AC		61	61	72	\$7,218	34,436	MICROSURFACING		
WESTBRAE DRIVE	OLEMA ROAD	OLEMA ROAD	WESTBR	10	760	25	19,000	R	AC/AC		60	60	70	\$10,556	21,966	MICROSURFACING		
WREDEN AVENUE	FRUSTUCK AVENUE	MANZANITA ROAD	WREDEN	20	543	15	8,145	R	AC/AC		65	65	74	\$4,525	23,605	MICROSURFACING		
												Treatment Total		\$235,176				
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	67	100	\$22,799	16,298	THICK AC OL/RUBBERIZED ASPHALT		
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	69	100	\$44,534	15,652	THICK AC OL/RUBBERIZED ASPHALT		
												Treatment Total		\$67,333				
FORREST AVENUE	MEERNA AVENUE	SUMMER AVENUE	FORREA	10	1,080	14	15,120	C	AC/AC		74	74	82	\$5,880	56,384	SLURRY SEAL		
MANZANITA COURT	MANZANITA ROAD	DEAD END	MANZAC	10	123	10	1,230	R	AC		82	82	89	\$479	26,274	SLURRY SEAL		
MEERNA AVENUE	IVY LANE	HILLSIDE DRIVE	MEERNA	20	942	18	16,956	C	AC/AC		79	79	87	\$6,594	66,167	SLURRY SEAL		
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	81	88	\$22,785	71,894	SLURRY SEAL		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	80	87	\$2,303	80,964	SLURRY SEAL		
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	84	91	\$6,125	91,420	SLURRY SEAL		
												Treatment Total		\$44,166				
BARKER AVENUE	PORTEOUS AVENUE	DEAD END	BARKER	10	345	18	6,210	R	AC/AC		67	67	100	\$22,080	9,986	MILL AND THIN OVERLAY		
BROADWAY	SIR FRAN. DRK. BL. AT PACHECO	CLAUS	BROADW	10a	828	60	49,680	C	AC		64	64	100	\$176,640	13,939	MILL AND THIN OVERLAY		
CASCADE DRIVE	890' WEST OF CANYON ROAD	1770' WEST OF CANYON ROAD	CASCAD	70	880	15	13,200	R	AC/AC		65	65	100	\$46,934	10,807	MILL AND THIN OVERLAY		
CYPRESS DRIVE	CASCADE DRIVE	760' WEST OF HICKORY ROAD	CYPRES	10	1,264	34	42,976	C	AC/AC		69	68	100	\$152,804	11,173	MILL AND THIN OVERLAY		
DOMINGA AVENUE	CREEK ROAD	BRIDGE COURT	DOMING	10	847	20	16,940	C	AC/AC		64	63	100	\$60,232	12,585	MILL AND THIN OVERLAY		
PINE DRIVE	LAUREL DRIVE	635' WEST OF LAUREL DRIVE	PINEDR	10	635	16	10,160	C	AC/AC		66	66	100	\$36,125	11,914	MILL AND THIN OVERLAY		
REDWOOD ROAD	1240' WEST OF SCENIC ROAD	1800' WEST OF SCENIC ROAD	REDWOO	30	560	14	7,840	C	AC/AC		62	61	100	\$27,876	13,055	MILL AND THIN OVERLAY		
SHERMAN AVENUE	BOLINAS ROAD	DOMINGA AVENUE	SHERMA	10	262	18	4,716	R	AC/AC		64	64	100	\$16,768	11,089	MILL AND THIN OVERLAY		
WOODLAND ROAD	LAUREL DRIVE	OAK ROAD	WOODRO	10	1,284	10	12,840	R	AC/AC		63	63	100	\$45,654	11,351	MILL AND THIN OVERLAY		
												Treatment Total		\$585,113				

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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					
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	44	100	\$174,443	15,100	MILL AND THICK OVERLAY		
BROADWAY	MERWIN AVENUE	AZALEA AVENUE	BROADW	25	402	22	8,844	C	AC/AC		49	49	100	\$47,168	10,350	MILL AND THICK OVERLAY		
HILLSIDE DRIVE	CREST ROAD	DEAD END	HILLSI	50	850	14	11,900	C	AC/AC		49	49	100	\$63,467	10,351	MILL AND THICK OVERLAY		
MERWIN AVENUE	BROADWAY	PARK ROAD	MERWIN	10	651	21	13,671	R	AC		40	40	100	\$72,912	9,539	MILL AND THICK OVERLAY		
PORTEOUS AVENUE	WOOD LANE	TOWN LIMITS	PORTEO	30	1,160	17	19,720	C	AC/AC		43	43	100	\$105,174	10,849	MILL AND THICK OVERLAY		
REDWOOD ROAD	SCENIC ROAD	420' WEST OF SCENIC ROAD	REDWOO	10	420	12	5,040	C	AC/AC		42	42	100	\$26,880	10,898	MILL AND THICK OVERLAY		
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	49	100	\$80,000	14,615	MILL AND THICK OVERLAY		
SIR FRANCIS DRAKE BOULEVARD	OAK TREE LANE	OAK MANOR DRIVE	SIRFRA	60	722	35	25,270	A	AC/AC		45	45	100	\$168,467	11,979	MILL AND THICK OVERLAY		
SIR FRANCIS DRAKE BOULEVARD	1003' WEST OF OAK MANOR DRIVE	455' NORTH OF JUNE COURT	SIRFRA	80	1,053	35	36,855	A	AC/AC		42	42	100	\$245,700	12,194	MILL AND THICK OVERLAY		
WILLOW AVENUE	SIR FRANCIS DRAKE BOULEVARD	MAPLE AVENUE	WILLOW	10	837	20	16,740	C	AC/AC		42	42	100	\$89,280	10,914	MILL AND THICK OVERLAY		
WILLOW AVENUE	MAPLE AVENUE	912' NORTH OF MAPLE AVENUE	WILLOW	20	912	20	18,240	C	AC/AC		46	46	100	\$97,280	10,640	MILL AND THICK OVERLAY		
												Treatment Total		\$1,170,771				
Year 2020 Area Total										924,358		Year 2020 Total		\$2,102,559				

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			
CENTER BOULEVARD	PASTORI AVENUE	727' NORTH OF PASTORI AVENUE	CENTER	20	727	51	37,077	R	AC		70	68	77	\$21,217	20,319	MICROSURFACING
FORREST AVENUE	SUMMER AVENUE	1230' EAST OF SUMMER AVENUE	FORREA	20	1,230	14	17,220	C	AC/PCC		71	69	78	\$9,854	34,051	MICROSURFACING
GLEN DRIVE	SIR FRANCIS DRAKE BOULEVARD	1260' NORTH OF SFD BLVD	GLENDR	10	1,260	35	44,100	C	AC/AC		71	69	78	\$25,235	34,451	MICROSURFACING
KENT AVENUE	BELMONT AVENUE	SIR FRANCIS DRAKE BLVD	KENTAV	10	481	24	11,544	R	AC		71	69	78	\$6,606	20,509	MICROSURFACING
PINE DRIVE	1900' WEST OF LAUREL DRIVE	2760' WEST OF LAUREL DRIVE	PINEDR	30	860	14	12,040	C	AC/AC		71	69	78	\$6,890	32,051	MICROSURFACING
SPRING LANE	HILLSIDE DRIVE	DEAD END	SPRING	10	1,376	15	20,640	R	AC/AC		71	69	78	\$11,811	20,757	MICROSURFACING

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

										Treatment Total			\$81,613		
BOTHIN ROAD	OLEMA ROAD	1041' WEST OF OLEMA ROAD	BOTHIN	20	1,041	26	27,066	C	AC/AC	73	71	80	\$10,842	52,638	SLURRY SEAL
CANYON ROAD	CASCADE DRIVE	1017' WEST OF CASCADE DRIVE	CANYON	10	1,017	14	14,238	C	AC/AC	78	76	85	\$5,704	51,986	SLURRY SEAL
CASCADE DRIVE	BOLINAS DRIVE	1285' WEST OF BOLINAS DRIVE	CASCAD	10	1,285	32	41,120	C	AC/AC	76	75	83	\$16,471	57,143	SLURRY SEAL
CYPRESS DRIVE	935' NORTH OF LAUREL	LAUREL DRIVE	CYPRES	50	1,700	16	27,200	C	AC/AC	78	76	85	\$10,896	51,512	SLURRY SEAL
GLEN DRIVE	1260' NORTH OF SFD BLVD	TOWN LIMIT	GLENDR	20	1,200	40	48,000	C	AC/AC	75	73	82	\$19,227	55,669	SLURRY SEAL
HICKORY ROAD	CASADE DR	CYPRESS DR	HICKOR	05	178	20	3,560	R	AC	80	79	87	\$1,426	40,304	SLURRY SEAL
IRON SPRINGS ROAD	ROCK RIDGE ROAD	DEAD END	IRONSP	10	886	12	10,632	R	AC/AC	78	77	85	\$4,259	45,487	SLURRY SEAL
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC	87	86	92	\$3,253	55,760	SLURRY SEAL
SPRUCE ROAD	PARK ROAD	610 FT WEST OF PARK ROAD	SPRUCE	15	610	12	7,320	C	AC/AC	75	73	82	\$2,933	53,073	SLURRY SEAL
										Treatment Total			\$75,011		
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC	80	78	80	\$121	491,928	SEAL CRACKS
										Treatment Total			\$121		
MANOR ROAD	MARIN AVENUE	OLEMA ROAD	MANORR	10	393	26	10,218	R	AC/AC	71	69	100	\$37,421	8,749	MILL AND THIN OVERLAY
MANZANITA ROAD	543 FROM WRENDEN FRUSTRUCK INT	991 FRM WRENDEN FRUSTRUCK INT	MANZAR	10	448	14	6,272	R	AC/AC	69	67	100	\$22,970	9,287	MILL AND THIN OVERLAY
MEADOW WAY (3)	MEADOW WAY (2)	E END	MEADOW	30	642	18	11,556	R	AC	71	69	100	\$42,321	9,187	MILL AND THIN OVERLAY
VALLEY ROAD	WILLIS LANE	DEAD END	VALLEY	10	330	14	4,620	R	AC/AC	69	67	100	\$16,920	9,288	MILL AND THIN OVERLAY
										Treatment Total			\$119,632		
BROADWAY	50 FT NW AZALEA AVE.	SIR FRANCIS DRAKE BLVD.	BROADW	35B	340	22	7,480	C	AC	53	49	100	\$41,091	10,376	MILL AND THICK OVERLAY
CHESTER AVENUE	WILLOW AVENUE	402' WEST OF WILLOW AVENUE	CHESTE	10	402	14	5,628	R	AC/AC	51	49	100	\$30,917	8,792	MILL AND THICK OVERLAY
CHESTER AVENUE	LIVE OAK AVENUE	556' NORTH OF LIVE OAK AVENUE	CHESTE	20	556	14	7,784	R	AC/AC	47	44	100	\$42,761	8,991	MILL AND THICK OVERLAY
CLAUS DRIVE	SIR FRANCIS DRAKE BOULEVARD	TAYLOR DRIVE	CLAUSD	10	494	26	12,844	R	AC	48	46	100	\$70,557	8,970	MILL AND THICK OVERLAY
IVY LANE	PORTEOUS AVENUE	MEERNA AVENUE	IVYLAN	10	118	18	2,124	R	AC/AC	46	43	100	\$11,668	9,055	MILL AND THICK OVERLAY
JUNE COURT	SIR FRANCIS DRAKE BOULEVARD	DEAD END	JUNECO	10	309	16	4,944	R	AC	43	41	100	\$27,160	9,238	MILL AND THICK OVERLAY
MARINDA COURT	MARINDA DRIVE	DEAD END	MARINC	10	186	29	5,394	R	AC	47	45	100	\$29,632	9,028	MILL AND THICK OVERLAY

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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					
MARINDA DRIVE	SIR FRANCIS DRAKE BOULEVARD	SAN GABRIEL DRIVE	MARIND	10	685	30	20,550	C	AC		53	49	100	\$112,888	10,375	MILL AND THICK OVERLAY		
MARINDA DRIVE	SAN GABRIEL DRIVE	DEAD END	MARIND	20	1,398	30	41,940	C	AC		51	47	100	\$230,391	10,497	MILL AND THICK OVERLAY		
MEADOW WAY (1)	CASCADE DR	MEADOW WAY (2) "T"	MEADOW	10	380	20	7,600	R	AC		49	47	100	\$41,750	8,902	MILL AND THICK OVERLAY		
MONO AVENUE	PACHECO AVE	INYO AVE	MONOAV	20	638	20	12,760	R	AC/AC		49	46	100	\$70,095	8,853	MILL AND THICK OVERLAY		
SAN GABRIEL COURT	SAN GABRIEL DRIVE	DEAD END	SANGAC	10	177	30	5,310	R	AC		46	44	100	\$29,170	9,087	MILL AND THICK OVERLAY		
SAN GABRIEL DRIVE	MARINDA DRIVE	1148' EAST OF MARINDA DRIVE	SANGAD	10	1,148	30	34,440	C	AC		50	46	100	\$189,191	10,552	MILL AND THICK OVERLAY		
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	47	100	\$94,348	14,390	MILL AND THICK OVERLAY		
												Treatment Total		\$1,021,619				
BOLINAS ROAD	1120' SO. OF CASCADE DRIVE	2200' SO OF CASCADE DRIVE	BOLINA	40	1,080	20	21,600	A	AC		11	6	100	\$197,760	8,170	RECONSTRUCT STRUCTURE (AC)		
BOLINAS ROAD	2200' SO OF CASCADE DRIVE	TOWN LIMITS	BOLINA	50	1,048	20	20,960	A	AC		15	11	100	\$191,901	8,170	RECONSTRUCT STRUCTURE (AC)		
CREEK ROAD	BLACKBERRY LANE	BOLINAS ROAD	CREEKR	20	475	20	9,500	C	AC/AC		25	20	100	\$86,978	6,405	RECONSTRUCT STRUCTURE (AC)		
FRUSTUCK AVENUE	WILLIS LANE	500' WEST OF BOLINAS ROAD	FRUSTU	40	396	14	5,544	C	AC		15	8	100	\$50,759	6,405	RECONSTRUCT STRUCTURE (AC)		
HILLSIDE DRIVE	MEERNA AVENUE	770' NORTH OF MEERNA AVENUE	HILLSI	20	770	12	9,240	C	AC		26	20	100	\$84,598	6,405	RECONSTRUCT STRUCTURE (AC)		
HILLSIDE DRIVE	770' NORTH OF MEERNA AVENUE	1275' NORTH OF MEERNA AVENUE	HILLSI	30	505	12	6,060	C	AC		15	8	100	\$55,483	6,405	RECONSTRUCT STRUCTURE (AC)		
HILLSIDE DRIVE	1275' NORTH OF MEERNA AVENUE	CREST ROAD	HILLSI	40	625	12	7,500	C	AC		19	12	100	\$68,667	6,405	RECONSTRUCT STRUCTURE (AC)		
TAMALPAIS ROAD	SEQUOIA ROAD	SPRUCE ROAD	TAMALP	10A	615	16	9,840	A	AC		26	21	100	\$90,091	8,170	RECONSTRUCT STRUCTURE (AC)		
												Treatment Total		\$826,237				
Year 2021 Area Total										650,110		Year 2021 Total		\$2,124,233				

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			
CASCADE DRIVE	1285' WEST OF BOLINAS DR	LAUREL DRIVE	CASCAD	20	853	21	17,913	C	AC/AC		72	69	78	\$10,558	33,139	MICROSURFACING
MURIEL PLACE	LOWER SCENIC ROAD	DEAD END	MURIEL	10	485	21	10,185	R	AC/AC		72	69	78	\$6,003	26,200	MICROSURFACING

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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			
SIR FRANCIS DRAKE BOULEVARD	BANK STREET	BROADWAY	SIRFRA	30	939	36	33,804	A	AC		72	68	77	\$19,924	28,789	MICROSURFACING
WREDEN AVENUE	PARK ROAD	FRUSTUCK AVENUE	WREDEN	10	576	16	9,216	R	AC/AC		72	69	78	\$5,432	25,648	MICROSURFACING
Treatment Total													\$41,917			
BOTHIN ROAD	MARIN AVENUE	OLEMA ROAD	BOTHIN	10	460	26	11,960	C	AC/AC		82	78	86	\$4,935	39,311	SLURRY SEAL
CASCADE DRIVE	1770' WEST OF CANYON ROAD	DEAD END	CASCAD	80	833	15	12,495	R	AC/AC		78	76	84	\$5,156	39,836	SLURRY SEAL
MAIN COURT	PACHECO AVENUE	DEAD END	MAINC	10	208	20	4,160	R	AC/AC		81	79	86	\$1,717	38,619	SLURRY SEAL
MARIN ROAD	OLEMA ROAD	MANOR ROAD (AROUND CIRCLE)	MARINR	10	398	25	9,950	C	AC/AC		82	78	86	\$4,106	39,292	SLURRY SEAL
RIDGEWAY AVENUE	LIVE OAK AV	END	RIDGEW	10	1,350	16	21,600	R	AC/AC		74	71	80	\$8,912	38,602	SLURRY SEAL
SCHOOL STREET	PARK ROAD	DEAD END	SCHOOL	20	150	25	3,750	R	AC		82	79	86	\$1,548	32,704	SLURRY SEAL
SIR FRANCIS DRAKE BOULEVARD	BROADWAY	SAN MIGUEL COURT	SIRFRA	40	939	47	44,133	A	AC		75	70	79	\$18,209	41,685	SLURRY SEAL
SIR FRANCIS DRAKE BOULEVARD	SAN MIGUEL COURT	OAK TREE LANE	SIRFRA	50	870	35	30,450	A	AC		75	70	79	\$12,563	41,685	SLURRY SEAL
SIR FRANCIS DRAKE BOULEVARD	455' NORTH OF JUNE COURT	GLEN DRIVE	SIRFRA	90	795	60	47,700	A	AC/AC		88	84	91	\$19,680	44,296	SLURRY SEAL
SPRUCE ROAD	610 FT WEST OF PARK ROAD	TAMALPIAS ROAD	SPRUCE	25	765	12	9,180	C	AC/AC		81	77	85	\$3,788	39,995	SLURRY SEAL
Treatment Total													\$80,614			
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	87	88	\$13	1,305,666	SEAL CRACKS
Treatment Total													\$26			
BROADWAY	AZALEA AVENUE	50 FT. NW AZALEA AVE.	BROADW	35A	50	22	1,100	C	AC/AC		73	69	100	\$4,150	9,936	MILL AND THIN OVERLAY
CASCADE DRIVE	CANYON ROAD	890' WEST OF CANYON ROAD	CASCAD	60	890	18	16,020	R	AC/AC		72	69	100	\$60,429	8,656	MILL AND THIN OVERLAY
CYPRESS DRIVE	1700' NORTH OF LAUREL DRIVE	935' NORTH OF LAUREL DRIVE	CYPRES	40	765	16	12,240	C	AC/AC		72	68	100	\$46,171	10,536	MILL AND THIN OVERLAY
LAUREL DRIVE	CASCADE DRIVE	PINE ROAD	LAUREL	10	950	14	13,300	C	AC		73	68	100	\$50,169	12,358	MILL AND THIN OVERLAY
Treatment Total													\$160,919			
BANK STREET	BROADWAY	ELSIE LANE	BANKST	10	280	32	8,960	R	AC		54	49	100	\$50,697	8,483	MILL AND THICK OVERLAY
BOLINAS ROAD	PARK ROAD	CASCADE DRIVE	BOLINA	20	1,227	36	44,172	A	AC		54	48	100	\$249,932	13,849	MILL AND THICK OVERLAY

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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						
DOMINGA AVENUE	BRIDGE COURT	NAPA AVENUE	DOMING	20	472	20	9,440	C	AC/AC		53	48	100	\$53,413	9,897	MILL AND THICK OVERLAY			
FORREST AVENUE	2230' EAST OF SUMMER AVENUE	TOWN LIMITS	FORREA	40	850	14	11,900	C	AC/PCC		52	47	100	\$67,332	9,944	MILL AND THICK OVERLAY			
PARK ROAD	SCHOOL STREET	SPRUCE ROAD	PARKRO	20	585	21	12,285	R	AC		53	48	100	\$69,511	8,586	MILL AND THICK OVERLAY			
													Treatment Total		\$490,885				
CREEK ROAD	PORTEOUS AVENUE	BLACKBERRY LANE	CREEKR	10	752	18	13,536	C	AC/AC		30	22	100	\$127,648	6,218	RECONSTRUCT STRUCTURE (AC)			
FRUSTUCK AVENUE	WRENDEN AVENUE	MANZANITA ROAD	FRUSTU	20	1,278	14	17,892	C	AC		32	21	100	\$168,726	6,218	RECONSTRUCT STRUCTURE (AC)			
HAWTHORNE CT	OLEMA RD	END	HAWTHORN E	10	210	20	4,200	R	AC		2	0	100	\$39,607	5,233	RECONSTRUCT STRUCTURE (AC)			
MANOR ROAD	OLEMA ROAD	LOWER SCENIC ROAD	MANORR	15	670	23	15,410	C	AC		31	20	100	\$145,320	6,218	RECONSTRUCT STRUCTURE (AC)			
PORTEOUS AVENUE	BOLINAS ROAD	IVY LANE	PORTEO	10	720	18	12,960	C	AC/AC		13	3	100	\$122,216	6,218	RECONSTRUCT STRUCTURE (AC)			
PORTEOUS AVENUE	IVY LANE	WOOD LANE	PORTEO	20	261	18	4,698	C	AC/AC		18	8	100	\$44,304	6,218	RECONSTRUCT STRUCTURE (AC)			
REDWOOD ROAD	420' WEST OF SCENIC ROAD	1240' WEST OF SCENIC ROAD	REDWOO	20	820	12	9,840	C	AC/AC		25	16	100	\$92,794	6,218	RECONSTRUCT STRUCTURE (AC)			
SAN GABRIEL DRIVE	1148' EAST OF MARINDA DRIVE	DEAD END	SANGAD	20	633	30	18,990	C	AC		31	20	100	\$179,080	6,218	RECONSTRUCT STRUCTURE (AC)			
SIR FRANCIS DRAKE BOULEVARD	OAK MANOR DRIVE	1003' WEST OF OAK MANOR DRIVE	SIRFRA	70	1,003	45	45,135	A	AC/AC		32	23	100	\$425,634	7,932	RECONSTRUCT STRUCTURE (AC)			
													Treatment Total		\$1,345,329				
Year 2022 Area Total											553,144		Year 2022 Total		\$2,119,690				

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment
												PCI Before	PCI After			
ALDER COURT	LANDSDALE AVE	DEAD END	ALDERC	10	195	12	2,340	R	AC/AC		83	78	86	\$995	30,145	SLURRY SEAL
AZALEA AVENUE	SIR FRANCIS DRAKE BLVD	SEQUOIA RD	AZALEA	10	789	20	15,780	R	AC/AC		86	81	89	\$6,706	28,505	SLURRY SEAL
BAYWOOD COURT	LANDSDALE AVENUE	DEAD END	BAYWOO	10	470	18	8,460	R	AC/AC		91	86	92	\$3,596	21,661	SLURRY SEAL
BELLE AVENUE	PASTORI AVENUE	KENT AVENUE	BELLEA	10	295	18	5,310	R	AC/AC		83	78	86	\$2,257	30,145	SLURRY SEAL
CASCADE DRIVE	LAUREL DRIVE	MEADOW WAY	CASCAD	30	1,295	20	25,900	R	AC/AC		74	70	79	\$11,007	34,502	SLURRY SEAL
CASCADE DRIVE	MEADOW WAY	690' WEST OF MEADOW WAY	CASCAD	40	690	24	16,560	R	AC/AC		75	71	80	\$7,038	35,476	SLURRY SEAL
CENTER BOULEVARD	TOWN LIMITS	PASTORI AVENUE	CENTER	10	808	40	32,320	R	AC		80	75	83	\$13,735	27,714	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment		
												PCI Before	PCI After					
COOLIDGE AVENUE	BELMONT AVENUE	BELLE AVENUE	COOLID	10	227	14	3,178	R	AC/AC		94	88	93	\$1,351	18,858	SLURRY SEAL		
MANOR ROAD	LOWER SCENIC ROAD	TAMALPIAS ROAD	MANORR	25	500	23	11,500	C	AC		90	84	91	\$4,887	30,529	SLURRY SEAL		
MARIN ROAD	MANOR ROAD (TOP OF CIRCLE)	SIR FRANCIS DRAKE BLVD	MARINR	20	140	48	6,720	C	AC		78	71	80	\$2,856	32,162	SLURRY SEAL		
MEERNA AVENUE	HILLSIDE DR	PORTEOUS AV	MEERNA	30	995	19	18,905	R	AC		80	75	83	\$8,034	27,712	SLURRY SEAL		
ROCCA DRIVE	TAYLOR DRIVE	TAYLOR DRIVE AT SADY LANE	ROCCAD	20	1,701	14	23,814	R	AC/AC		75	71	80	\$10,120	36,385	SLURRY SEAL		
SHEMRAN COURT	SIR FRANCIS DRAKE BOULEVARD	NORTH TO DEAD END	SHEMRC	10	380	23	8,740	R	AC		82	77	85	\$3,715	27,177	SLURRY SEAL		
SUMMER AVENUE	FOREST AVENUE	DEAD END	SUMMER	10	284	15	4,260	R	AC/AC		89	84	91	\$1,811	25,396	SLURRY SEAL		
TAMALPAIS ROAD	SCENIC ROAD	DEAD END	TAMALP	60	1,135	10	11,350	A	AC/AC		80	77	85	\$4,824	50,899	SLURRY SEAL		
												Treatment Total		\$82,932				
BOLINAS ROAD	BROADWAY	PARK ROAD	BOLINA	10	962	34	32,708	A	AC		44	86	87	\$100	850,296	SEAL CRACKS		
SCENIC ROAD	ACACIA ROAD	TAMALPIAS ROAD	SCENIC	10	625	24	15,000	A	AC		49	86	87	\$46	850,296	SEAL CRACKS		
SCENIC ROAD	400' NORTH OF REDWOOD ROAD	REDWOOD ROAD	SCENIC	40	458	14	6,412	A	AC/AC		68	86	87	\$20	850,296	SEAL CRACKS		
SIR FRANCIS DRAKE BOULEVARD	TOWN LIMITS	PACHECO AVENUE	SIRFRA	10	1,526	36	54,936	A	AC/AC		68	73	76	\$769	604,515	SEAL CRACKS		
SIR FRANCIS DRAKE BOULEVARD	GLEN DRIVE	TOWN LIMITS	SIRFRA	100	1,302	45	58,590	A	AC/AC		81	85	86	\$262	1,426,816	SEAL CRACKS		
SIR FRANCIS DRAKE BOULEVARD	OAK TREE LANE	OAK MANOR DRIVE	SIRFRA	60	722	35	25,270	A	AC/AC		45	86	87	\$77	850,296	SEAL CRACKS		
SIR FRANCIS DRAKE BOULEVARD	1003' WEST OF OAK MANOR DRIVE	455' NORTH OF JUNE COURT	SIRFRA	80	1,053	35	36,855	A	AC/AC		42	86	87	\$112	850,296	SEAL CRACKS		
TAMALPAIS ROAD	SPRUCE ROAD	INT. 60 FT W. OF SCENIC	TAMALP	10B	370	16	5,920	A	AC/AC		80	85	86	\$29	1,473,513	SEAL CRACKS		
TAMALPAIS ROAD	BERRY TRAIL	MOUNTAIN VIEW ROAD	TAMALP	40	835	15	12,525	A	AC/AC		69	86	87	\$38	850,296	SEAL CRACKS		
												Treatment Total		\$1,453				
ARROYO ROAD	LOWER SCENIC ROAD	SPRUCE ROAD	ARROYO	10	646	12	7,752	R	AC/AC		73	69	100	\$30,119	8,267	MILL AND THIN OVERLAY		
												Treatment Total		\$30,119				
BLACKBERRY LANE	CREEK ROAD	FORREST AVE	BLACKB	10	190	18	3,420	R	AC/AC		56	49	100	\$19,932	8,265	MILL AND THICK OVERLAY		
FRUSTUCK AVENUE	500' WEST OF BOLINAS ROAD	BOLINAS ROAD	FRUSTU	50	500	14	7,000	C	AC		59	48	100	\$40,796	9,832	MILL AND THICK OVERLAY		
PACHECO AVENUE	SIR FRANCIS DRAKE BLVD	DEAD END	PACHEC	10	596	20	11,920	R	AC/AC		54	48	100	\$69,469	8,257	MILL AND THICK OVERLAY		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surf Type	Area ID	Current PCI	Treatment		Cost	Rating	Treatment	
												PCI Before	PCI After				
RIDGE ROAD	SCENIC ROAD	CUL-DE-SAC	RIDGER	10	1,536	12	18,432	R	AC/AC		54	48	100	\$107,420	8,256	MILL AND THICK OVERLAY	
													Treatment Total		\$237,617		
ACACIA ROAD	SCENIC RD	DEAD END	ACACIA	10	980	12	11,760	R	AC		26	16	100	\$114,227	5,080	RECONSTRUCT STRUCTURE (AC)	
BOLINAS ROAD	CASCADE DRIVE	1120' SO. OF CASCADE DRIVE	BOLINA	30	1,120	20	22,400	A	AC		33	21	100	\$217,575	7,701	RECONSTRUCT STRUCTURE (AC)	
BROADWAY	SIR FRAN. DRK. BL. AT BANK	MERWIN AVENUE	BROADW	20	472	22	10,384	C	AC		37	22	100	\$100,862	6,037	RECONSTRUCT STRUCTURE (AC)	
CREST ROAD	HILLSIDE DRIVE	1422' SO.EAST OF HILLSIDE DR.	CRESTR	10	1,422	14	19,908	R	AC		29	20	100	\$193,369	5,080	RECONSTRUCT STRUCTURE (AC)	
FORREST TERRACE	MEERNA AVENUE	FORREST AVENUE	FORRES	50	957	14	13,398	R	AC		1	0	100	\$130,137	5,080	RECONSTRUCT STRUCTURE (AC)	
HICKORY ROAD	CYPRESS DRIVE	DEAD END	HICKOR	10	1,132	20	22,640	R	AC		7	0	100	\$219,906	5,080	RECONSTRUCT STRUCTURE (AC)	
HILL AVENUE	BELLE AVENUE	TOWN LIMITS	HILLAV	10	475	18	8,550	R	AC/AC		18	9	100	\$83,048	5,080	RECONSTRUCT STRUCTURE (AC)	
MADRONE COURT	LAUREL DRIVE	DEAD END	MADROC	10	343	18	6,174	R	AC		32	23	100	\$59,969	5,080	RECONSTRUCT STRUCTURE (AC)	
MADRONE ROAD	LAUREL DRIVE	895' NORTH OF LAUREL DRIVE	MADROR	10	895	14	12,530	R	AC		13	1	100	\$121,706	5,080	RECONSTRUCT STRUCTURE (AC)	
MAPLE AVENUE	LIVE OAK AVENUE	DEAD END	MAPLEA	20	685	15	10,275	R	AC/AC		22	14	100	\$99,803	5,080	RECONSTRUCT STRUCTURE (AC)	
MEADOW WAY (2)	N E END	GATE (SW END)	MEADOW	20	805	20	16,100	R	AC/AC		31	24	100	\$156,382	5,080	RECONSTRUCT STRUCTURE (AC)	
MONO AVENUE	BOLINAS RD	BANK ST	MONOAV	05	230	11	2,530	R	AC		8	0	100	\$24,575	5,080	RECONSTRUCT STRUCTURE (AC)	
SPRUCE ROAD	AZALEA ROAD	PARK ROAD	SPRUCE	10	732	21	15,372	C	AC		31	14	100	\$149,311	6,037	RECONSTRUCT STRUCTURE (AC)	
WILLOW AVENUE	912' NORTH OF MAPLE AVENUE	CHESTER AVENUE	WILLOW	30	527	20	10,540	C	AC/AC		32	20	100	\$102,377	6,037	RECONSTRUCT STRUCTURE (AC)	
													Treatment Total		\$1,773,247		
Year 2023 Area Total										674,438		Year 2023 Total		\$2,125,368			

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			
BELLE AVENUE	KENT AVENUE	TOWN LIMITS	BELLEA	20	515	18	9,270	R	AC/AC		93	85	92	\$4,058	22,056	SLURRY SEAL
BELMONT AVENUE	KENT AVENUE	TOWN LIMITS	BELMON	20	543	14	7,602	R	AC/AC		93	86	92	\$3,328	21,601	SLURRY SEAL
COREE LANE	FRUSTUCK AVENUE	DEAD END	COREEL	10	267	14	3,738	R	AC		93	85	91	\$1,637	19,302	SLURRY SEAL
LANSDALE AVENUE	PASTORI AVENUE	TOWN LIMITS	LANSDA	10	794	18	14,292	R	AC/AC		91	84	91	\$6,256	24,618	SLURRY SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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			
PASTORI AVENUE	SIR FRANCIS DRAKE BOULEVARD	DEAD END	PASTOR	10	608	32	19,456	R	AC		93	85	91	\$8,516	19,688	SLURRY SEAL
PIPER COURT	PIPER LANE	DEAD END	PIPERC	10	492	23	11,316	R	AC/AC		93	86	92	\$4,953	21,586	SLURRY SEAL
PIPER LANE	OAK MANOR DRIVE	DEAD END	PIPERL	10	1,002	34	34,068	R	AC/AC		94	86	92	\$14,912	21,246	SLURRY SEAL
SCENIC ROAD	TAMALPIAS ROAD	BAY ROAD	SCENIC	20A	535	14	7,490	A	AC/AC		92	84	91	\$3,279	34,936	SLURRY SEAL
TAMALPAIS ROAD	MOUNTAIN VIEW ROAD	SCENIC ROAD	TAMALP	50	590	12	7,080	A	AC/AC		92	84	91	\$3,099	34,936	SLURRY SEAL
TOYON DRIVE	OAK ROAD	NORTH DEAD END	TOYONR	10	710	22	15,620	R	AC		89	82	89	\$6,837	23,215	SLURRY SEAL
Treatment Total													\$56,875			
BOLINAS ROAD	1120' SO. OF CASCADE DRIVE	2200' SO OF CASCADE DRIVE	BOLINA	40	1,080	20	21,600	A	AC		11	86	87	\$142	332,102	SEAL CRACKS
BOLINAS ROAD	2200' SO OF CASCADE DRIVE	TOWN LIMITS	BOLINA	50	1,048	20	20,960	A	AC		15	86	87	\$138	332,102	SEAL CRACKS
BRIDGE COURT	DOMINGA AVENUE	DEAD END	BRIDGE	10	97	16	1,552	R	AC/AC		94	86	87	\$6	464,208	SEAL CRACKS
COURT LANE	DOMINGA AVENUE	DEAD END	COURTL	10	141	14	1,974	R	AC/AC		94	86	87	\$7	464,208	SEAL CRACKS
MONO AVENUE	BOLINAS RD	PACHECO AV	MONOAV	10	525	16	8,400	R	AC/AC		94	86	87	\$29	464,208	SEAL CRACKS
MOUNTAIN VIEW ROAD	MANZANITA ROAD	TAMALPIAS ROAD	MOUNTA	10	1,035	14	14,490	R	AC/AC		89	83	84	\$111	295,857	SEAL CRACKS
SCENIC ROAD	REDWOOD ROAD	TAMALPIAS ROAD	SCENIC	50	580	14	8,120	A	AC/AC		87	88	89	\$3	15,168,488	SEAL CRACKS
SCENIC ROAD	TAMALPIAS ROAD	UPPER SCENIC ROAD	SCENIC	60	1,145	15	17,175	A	AC		50	86	87	\$54	825,530	SEAL CRACKS
TAMALPAIS ROAD	SEQUOIA ROAD	SPRUCE ROAD	TAMALP	10A	615	16	9,840	A	AC		26	86	87	\$65	332,102	SEAL CRACKS
TAMALPAIS ROAD	SCENIC ROAD	1050' SOUTH OF SCENIC ROAD	TAMALP	20	1,050	15	15,750	A	AC/AC		84	88	89	\$12	9,436,610	SEAL CRACKS
Treatment Total													\$567			
CANYON ROAD	2428' WEST OF CASCADE DRIVE	DEAD END	CANYON	30	672	14	9,408	C	AC/AC		59	49	100	\$56,474	9,254	MILL AND THICK OVERLAY
CRESCENT CIRCLE	OAK TREE LANE	DEAD END	CRESC	10	331	29	9,599	R	AC/AC		57	48	100	\$57,621	8,020	MILL AND THICK OVERLAY
LIVE OAK AVENUE	1027' WEST OF MAPLE AVENUE	DEAD END	LIVEOA	20	858	18	15,444	R	AC/AC		58	49	100	\$92,706	7,999	MILL AND THICK OVERLAY
NAPA AVENUE	PACHECO AVENUE	DOMINGA AVENUE	NAPAAV	10	300	20	6,000	R	AC/AC		58	48	100	\$36,017	8,062	MILL AND THICK OVERLAY
PARK ROAD	BOLINAS ROAD	SCHOOL STREET	PARKRO	10	588	24	14,112	R	AC/AC		56	48	100	\$84,711	8,000	MILL AND THICK OVERLAY
Treatment Total													\$327,529			
BAY ROAD	SCENIC ROAD	DEAD END	BAYROA	10	1,014	14	14,196	R	AC		35	24	100	\$142,025	4,932	RECONSTRUCT STRUCTURE (AC)

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00%

Inflation: 3.00%

Printed: 12/12/2019

Scenario: PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS

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			
OAK ROAD	LAUREL DRIVE	TOYON DRIVE	OAKROA	10	1,249	15	18,735	R	AC		35	24	100	\$187,435	4,932	RECONSTRUCT STRUCTURE (AC)
ROCK RIDGE ROAD	MANOR ROAD	BOTHIN ROAD	ROCKRI	10	1,115	25	27,875	R	AC		5	0	100	\$278,877	4,932	RECONSTRUCT STRUCTURE (AC)
SAN MIGUEL COURT	SIR FRANCIS DRAKE BOULEVARD	DEAD END	SANMIG	10	409	23	9,407	R	AC/AC		32	22	100	\$94,113	4,932	RECONSTRUCT STRUCTURE (AC)
SCENIC ROAD	AZALEA AVENUE	ACACIA ROAD	SCENIC	05	1,165	18	20,970	R	AC		30	18	100	\$209,795	4,932	RECONSTRUCT STRUCTURE (AC)
SCHOOL STREET	BROADWAY	PARKING LOT	SCHOOL	10	120	25	3,000	R	AC		10	0	100	\$30,014	4,932	RECONSTRUCT STRUCTURE (AC)
TAYLOR DRIVE	CLAUS DRIVE	PARKER LANE	TAYLOR	20	855	14	11,970	R	AC/AC		10	0	100	\$119,755	4,932	RECONSTRUCT STRUCTURE (AC)
TAYLOR DRIVE	TAYLOR DRIVE INTERSECTION	ROCCA DRIVE AT TAYLOR SADY LANE		30	840	14	11,760	R	AC/AC		22	10	100	\$117,654	4,932	RECONSTRUCT STRUCTURE (AC)
TOYON DRIVE	OAK ROAD	SOUTH DEAD END	TOYONR	20	1,000	20	20,000	R	AC		35	24	100	\$200,091	4,932	RECONSTRUCT STRUCTURE (AC)
VANNI LN	RIDGEWAY AV	CHESTER AV	VANNI	10	760	14	10,640	R	AC		31	19	100	\$106,449	4,932	RECONSTRUCT STRUCTURE (AC)
VISTA WAY	SAN GABRIEL DRIVE	DEAD END	VISTAW	10	366	32	11,712	R	AC		17	2	100	\$117,173	4,932	RECONSTRUCT STRUCTURE (AC)
WILLIS LN	FRUSTUCK AV	END	WILLIS	10	217	14	3,038	R	AC		5	0	100	\$30,394	4,932	RECONSTRUCT STRUCTURE (AC)

		Treatment Total	\$1,633,775
Year 2024 Area Total	467,659	Year 2024 Total	\$2,018,746
Total Section Area:	3,269,709	Grand Total	\$10,490,596

** - Treatment from Project Selection

Appendix K – PCI Maps



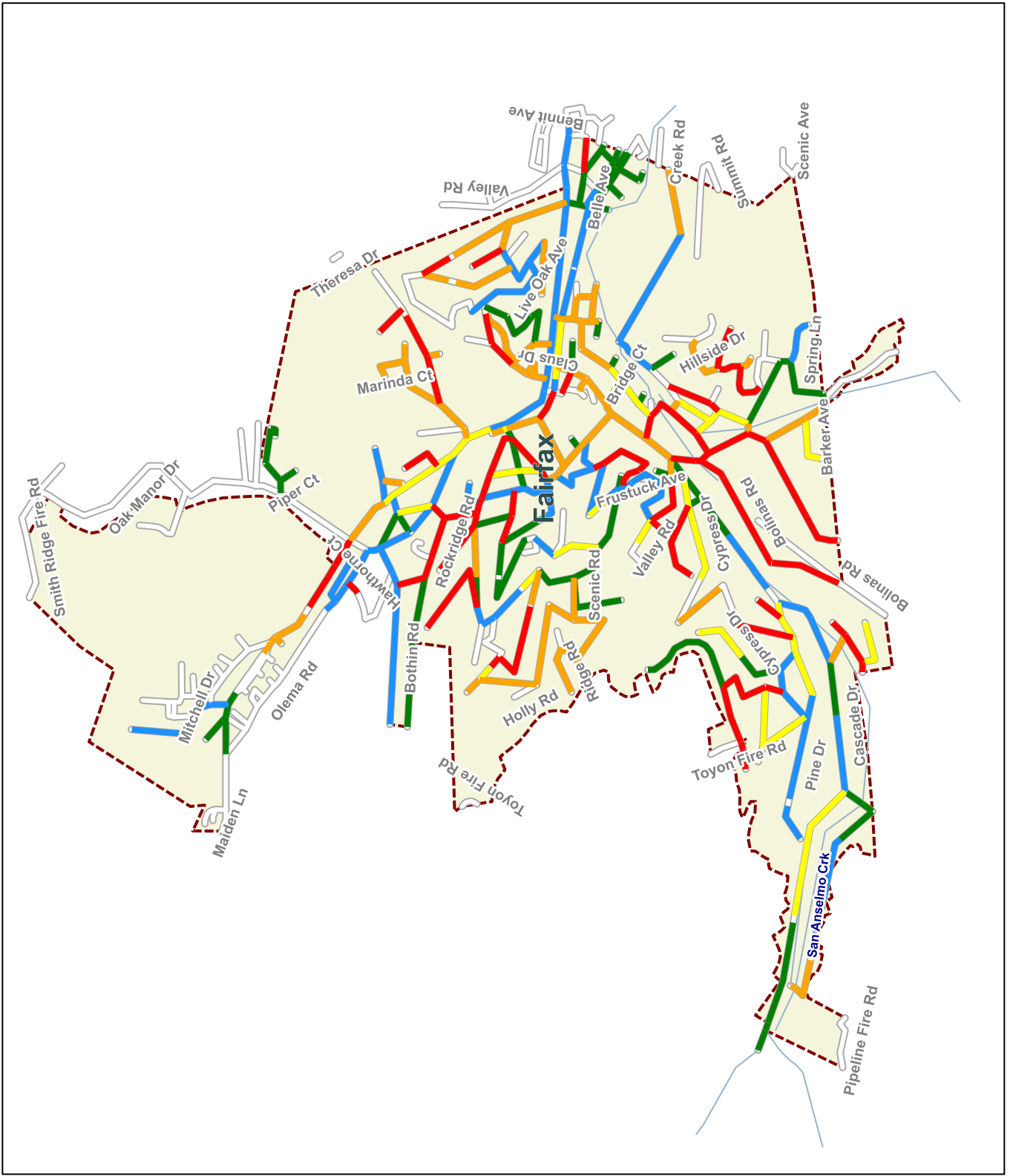
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 1 - DO NOTHING - 2024 Project Period - Total Rehab: \$0 - Printed: 12/12/2019

Feature Legend

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





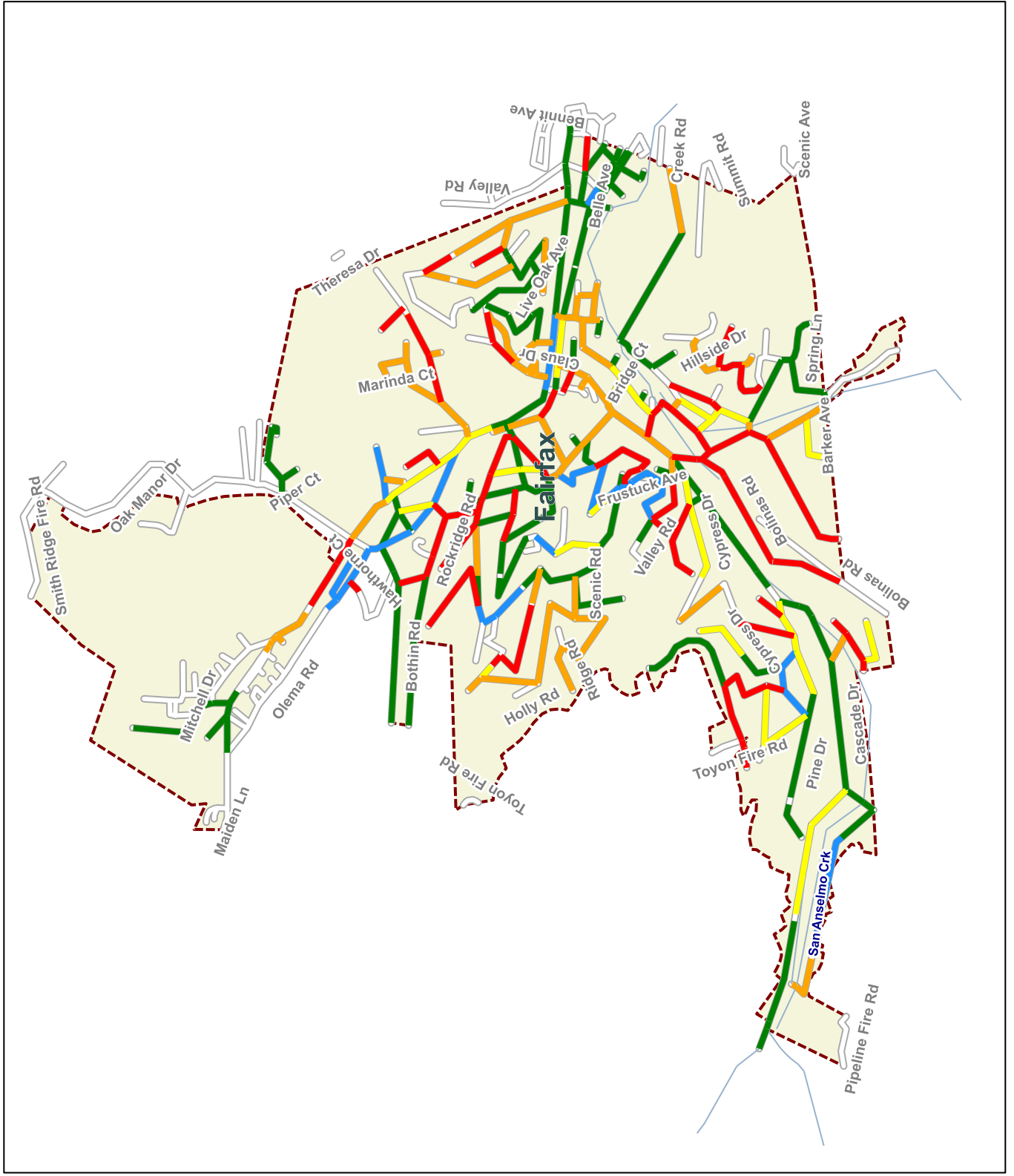
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 2 - \$100K - 2024 Project Period - Total Rehab: \$86,985 - Printed: 12/12/2019

Feature Legend

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





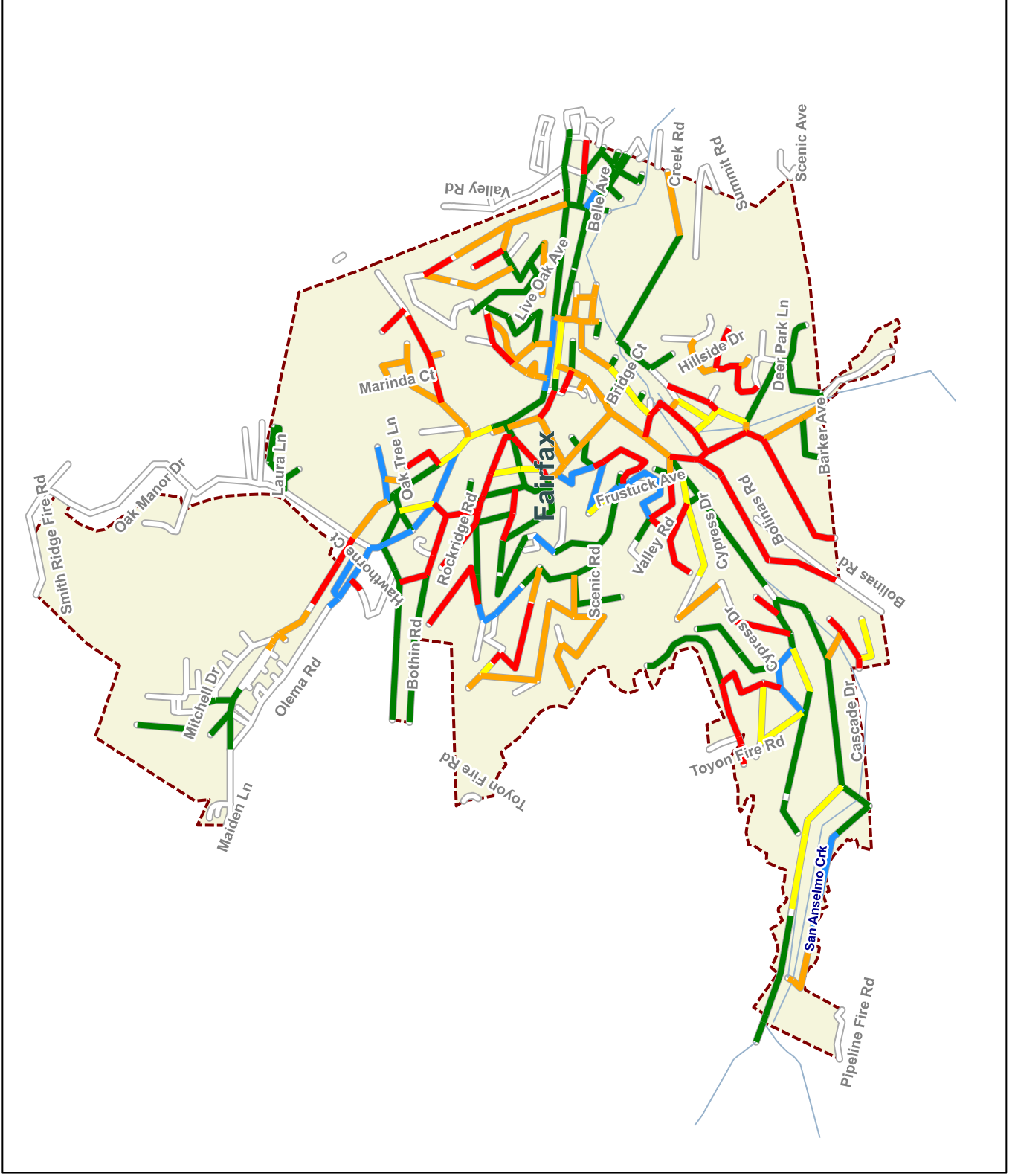
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 3 - \$200K - 2024 Project Period - Total Rehab: \$166,126 - Printed: 12/30/2019

Feature Legend

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





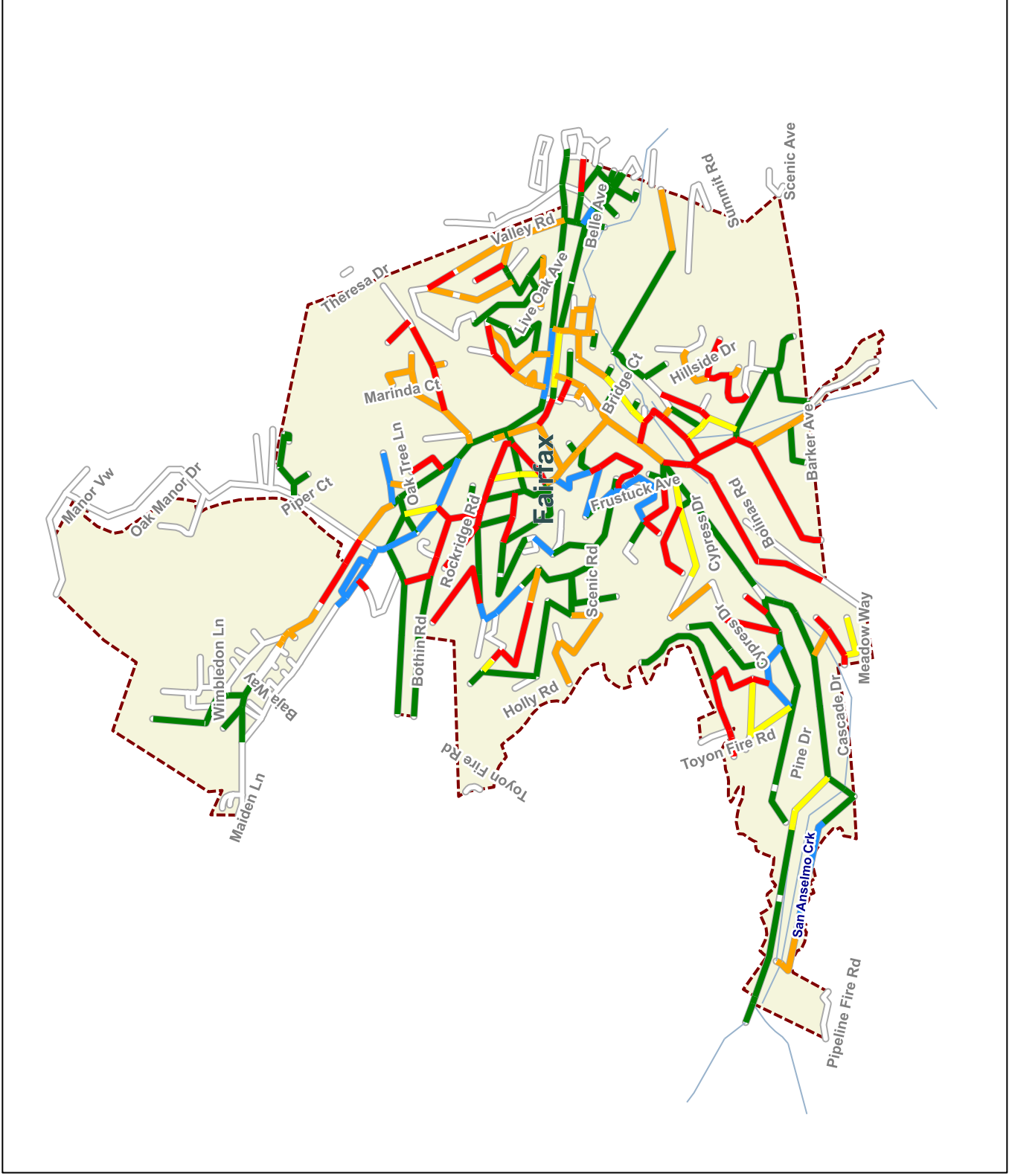
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 4 - \$300K - 2024 Project Period - Total Rehab: \$252,893 - Printed: 12/30/2019

Feature Legend

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





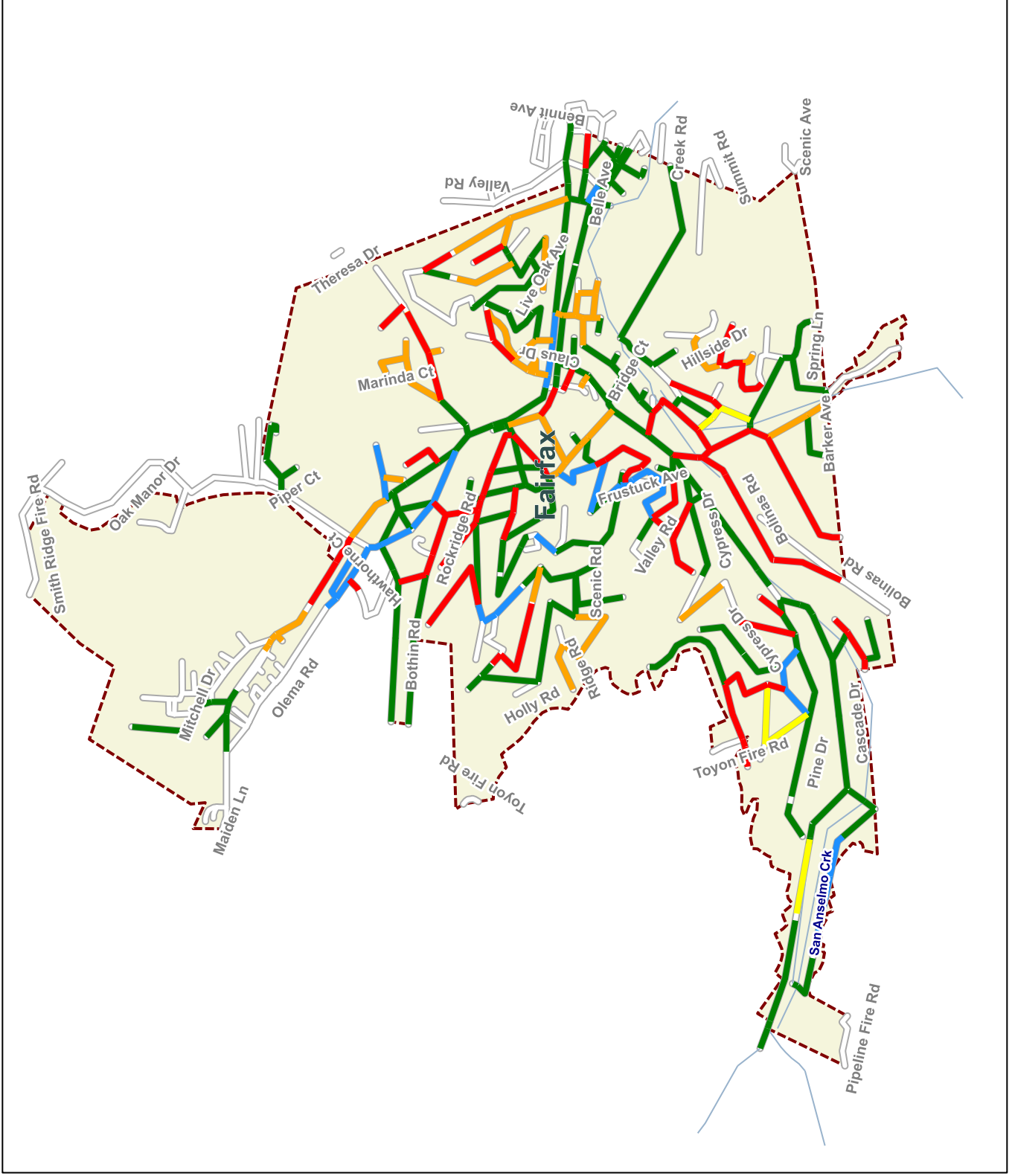
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 5 - MAINTAIN CURRENT PCI - 2024 Project Period - Total Rehab: \$533,762 - Printed: 12/12/2019

Feature Legend

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





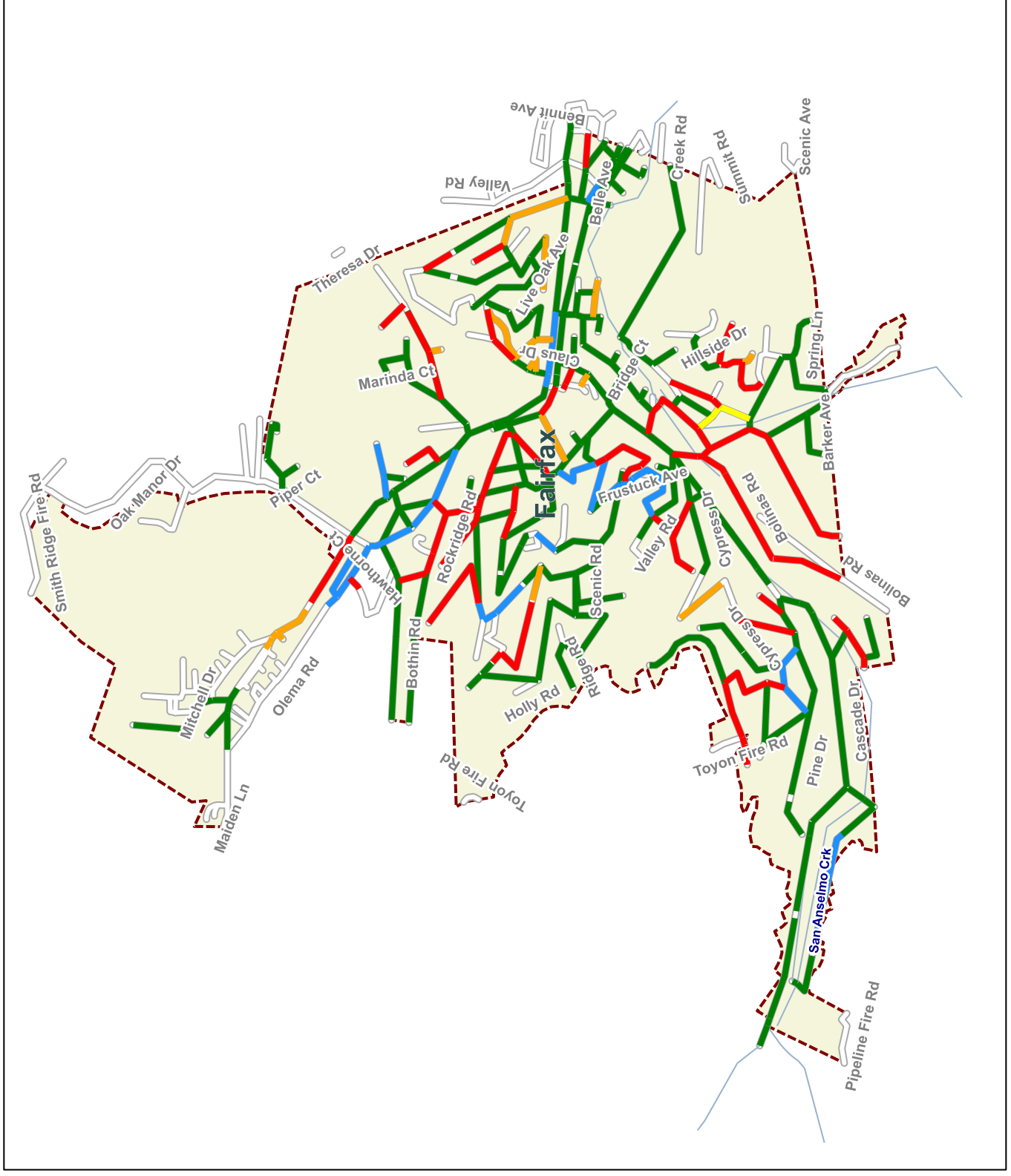
Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 6 - INCREASE PCI BY 5 - 2024 Project Period - Total Rehab: \$697,139 - Printed: 12/12/2019

Feature Legend

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





Town of Fairfax

Scenario PCI Condition

PTAP-20 SCENARIO 7 - AVERAGE OF BUDGET NEEDS - 2024 Project Period - Total Rehab: \$1,961,304 - Printed: 12/12/2019

Feature Legend

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

