



P-TAP Round 22

Pavement Management System Update

Budget Options Report

April 2022

Submit to:

Metropolitan Transportation Commission

&

City of Monte Sereno

Engineering Department



Adhara Systems, Inc.

675 N. First St. Suite 725

San Jose, CA 95112

(408) 441-0340

Table of Contents

1.Abstract.....	1
2.Purpose	2
3.Definitions and Assumptions.....	3
4.Network Description.....	4
5.Current Condition	5
6.Budget.....	6
7.Budget Needs	6
8.Budget Scenarios	8
8.1 Scenario 1: Current Budget Plan - \$310K with 7% PM	8
8.2 Scenario 2: Maintaining Current PCI	9
8.3 Scenario 3: Increasing PCI to 75	10
8.4 Scenario 4: Increasing PCI to 77	11
9.Budget Scenario Comparison.....	13
10.Comments	15

Appendices

APPENDIX A *Network Summary*

APPENDIX B *Budget Needs Analysis*

APPENDIX C *Budget Analysis Reports*

C-1. *\$310K with 7% PM Budget Analysis*

C-2. *Maintaining PCI Analysis*

C-3. *Increasing PCI to 75 Analysis*

C-4. *Increasing PCI to 77 Analysis*

C-5. *Unconstrained Budget*

C-6. *No Budget*

APPENDIX D *Sections Selected for Treatment*

D-1. *Budget Needs*

D-2. *\$310K with 7% PM Budget Analysis*

D-3. *Maintaining PCI Analysis*

D-4. *Increasing PCI to 75 Analysis*

D-5. *Increasing PCI to 77 Analysis*

APPENDIX E *Decision Tree*

APPENDIX F *GIS Report*

1. Abstract

Metropolitan Transportation Commission (“MTC”) has contracted with Adhara Systems, Inc. (“ADHARA”) for its Pavement Management Technical Assistance Program (“P-TAP”) and assigned ADHARA to the City of Monte Sereno, California (“CITY”) for its P-TAP Round 22 Pavement Management System (“PMS”) Update Project (“PROJECT”). The Project includes updating the CITY’s PMS database in accordance with the MTC StreetSaver Online Pavement Management Program (“PMP”).

CITY manages 88 sections, 13.53 centerline miles (26.30 lane miles, 2.02 million ft²) of road network.

In 2020 and 2021, CITY maintained 20 sections, 443 thousand ft² (21.8% of total network area). With the CITY’s maintenance & rehabilitation (“M&R”) effort, CITY maintained its weighted average network PCI as 69 in December 2021, prior to the inspection data entry.

Through the Project, a total of 13.7 lane miles (12 feet wide) were evaluated for the CITY’s 13.53 centerline miles of CITY’s managed network in December 2021. Prior to inspection data entry, inspection data of sections received M&R in 2020 and 2021 were excluded.

Updating the CITY’s PMS resulted in a current weighted network average Pavement Condition Index (“PCI”) of 72 as of March 17, 2022. This PCI rating places the CITY’s road network condition in “GOOD” ($70 \leq \text{PCI} \leq 100$) category.

This report analyzes the CITY’s Budget Needs along with four additional budget scenarios that CITY may want to apply to future M&R plans for the next five years.

CITY reviewed treatment types and costs in the Decision Tree (see Appendix E). City selected 3% inflation and 2% interest rates to calculate the CITY’s Network Replacement Cost and Budget Needs. CITY’s Network Replacement Cost is \$24.0 million. The Budget Needs analysis determined that CITY needs \$2.93 million to eliminate all deferred M&R every year over the next five years. This analysis indicates that CITY’s network PCI will reach to 84 by the end of 2026 with unlimited funds.

CITY has a budget plan with \$310 thousand with 7% Preventive Maintenance (“PM”) for next five years. StreetSaver is set to use the excessive rehabilitation funds for PM. CITY has predefined projects which will use 2022 and 2023 budget funds prior to other sections. CITY also has a project plan for 2024 which will use

“Special Project” funds. This 2024 project will not use CITY’s general M&R budget. With the current budget plan, the average network PCI will reach to 78 and maintenance backlog will be increased to \$1.27 million at the end of year 2026. In order to maintain the average network PCI of 72, CITY will need to allocate a total budget of \$636 thousand, average annual budget of \$127.3 thousand, for 5 years. The plan will increase the maintenance backlog to \$2.33 million at the end of year 2026. In order to increase the average network PCI to 75, CITY will need to allocate a total budget of \$1.11 million, average annual budget of \$221.9 thousand, for 5 years. The plan will increase the maintenance backlog to \$1.85 million at the end of year 2026. Additionally, to increase the average network PCI to 77 at the end of year 2026, CITY will need to allocate a total of \$1.34 million, average annual budget of \$268.1 thousand, for 5 years according to the StreetSaver Target Driven Budget Scenario module. The maintenance backlog will increase to \$1.59 million.

This report found that the CITY’s current Budget Plan of \$310 thousand with 7% PM ratio is suitable to CITY’s objectives.

2. Purpose

The purpose of this report is to assist CITY in utilizing the results of the field survey data and budget options analyzed in the PMS. This report assesses the adequacy of the current budget and identifies a practical budget scenario that meets the M&R needs recommended by the PMS program and that will improve the CITY’s M&R strategies over the next 5 years and compares this cost to the CITY’s current budget. The CITY prioritizes improving sections in POOR (25≤PCI<50) condition. The following criteria are used in identifying a practical scenario:

- Improve sections in POOR condition.
- **PCI value:** Maintain network PCI at the current value or higher.
- **Cost-effectiveness:** Allocate more funds to arterial/collector roads than residential roads with appropriate PM ratio.
- **Affordability:** Provide a realistic expenditure plan that can stabilize Deferred Maintenance or minimize increase.

3. Definitions and Assumptions

Deferred Maintenance: Maintenance backlog. Dollar amount of maintenance and rehabilitation work that should have been treated, but funding was not allocated.

Inflation Rate: 3%

Interest Rate: 2%

PCI Treated: Future PCI value with budget allocation. It shows PCI trends with limited or unlimited budget.

PCI Untreated: Future PCI value without budget. It shows PCI trends “what if there is no fund for certain period of time”.

Preventive Maintenance (“PM”): Any treatment that extends pavement life more than five years and is applied to roads with a PCI of 70 or above. Common examples of PM include slurry seal, chip seal, cape seal, etc.

PM %: Preventive and Maintenance amount vs. total budget. In order to have a balanced budget in budget scenarios, PM % might be varied. Treatment scenario also influence the PM ratio.

Excess Rehab Funds: Set to be used for PM.

Stop Gap: Dollar amount of temporary repairs applied to maintain the pavement in a usable condition (e.g. pothole repair). These repairs are temporary and do not extend the pavement life. Allocated PM funds will be used.

Stop Gap Interval: Number of years between applications of Stop Gap treatments that are applied to Deferred Maintenance sections. Set to 5 years in this report.

Surplus PM: Total amount of budget that is not used after Preventive Maintenance funding is allocated.

4. Network Description

CITY manages 13.53 centerline miles, 26.30 lane miles, 2.02 million ft² of street (224.3 thousand yd²), or 88 pavement sections.

Table 1 and Figure 1 summarize the network inventory by functional classes. The network breakdown is as follows:

Functional class	No. of sections	Centerline miles	Area (1,000 yd ²)	% of area (Weight)	Area (1,000 ft ²)	No of Lane-Mile
Arterial	2	0.37	10.5	4.7%	94.5	0.69
Collector	1	0.02	0.4	0.2%	3.6	0.05
Residential	85	13.14	213.4	95.1%	1,920.9	25.56
Total	88	13.53	224.3	100.0%	2,019.1	26.30

Table 1. Summary of the CITY's Network

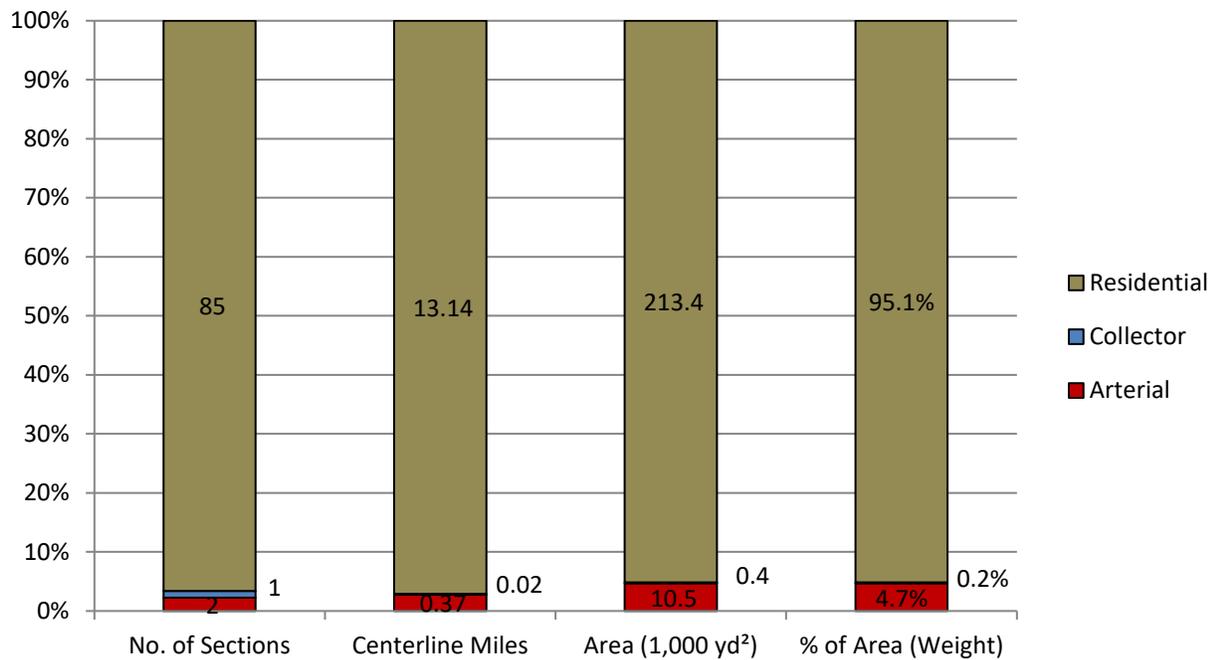


Figure 1. Inventory Information

5. Current Condition

The current weighted average PCI for the CITY’s network is 72 as of March 17, 2022, placing the CITY’s network condition in the “GOOD” (70<=PCI<=100) condition category. The following table and figure show the CITY’s network statistics in terms of the PCI rating categories. The PCI rating categories are from StreetSaver Online V9.

PCI Ratings	No. of sections	Centerline miles	Area (1,000 yd ²)	% in Area
Good (70<=PCI<=100)	59	8.2	135.9	60.6%
At Risk (50<=PCI<70)	20	4.3	72.5	32.3%
Poor (25<=PCI<50)	9	1.0	16.0	7.1%
Very Poor (PCI<25)	0	0.0	0.0	0.0%
Total	88	13.5	224.3	100.0%

Table 2. PCI Rating Category for the Entire Network

As the illustration shows, the conditions of 59 out of 88 sections, 60.6% in area, are categorized as “GOOD” (70<=PCI<=100); 20 sections, 32.3% in area, are in “AT RISK” (50<=PCI<70) condition; and 9 sections, 7.1% in area, are in “POOR” (25<=PCI<50) condition.

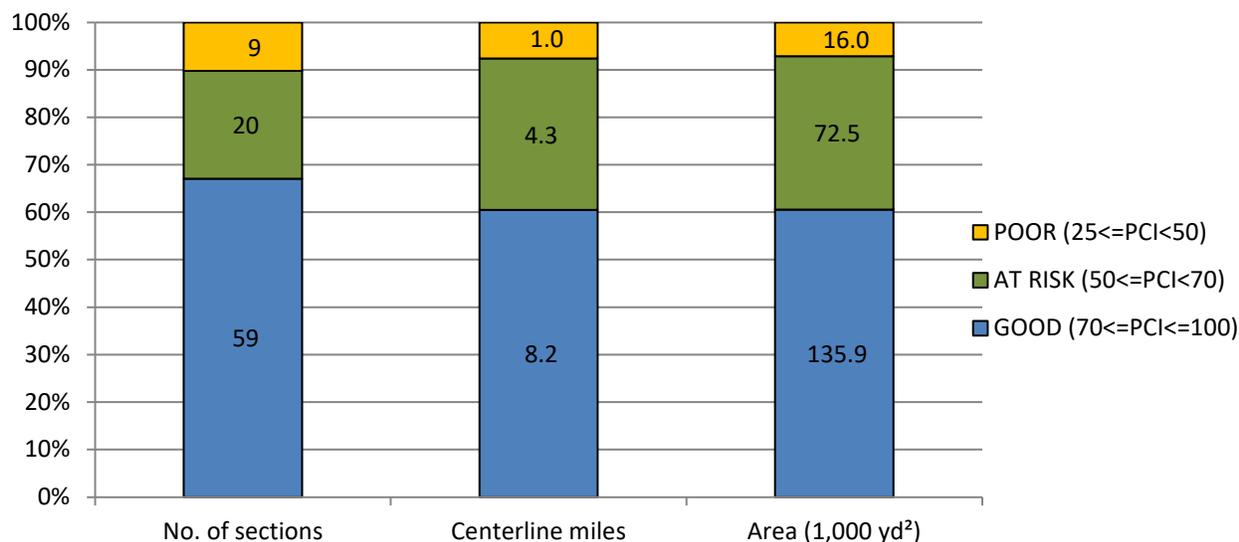


Figure 2. PCI Rating Categories for the Entire Network

The following illustrates the weighted average PCI of the CITY’s network by functional class. As shown in Table 3, Arterial and Residential functional classes are in “GOOD” (70<=PCI<=100) condition. Collector functional class is in “POOR” (25<=PCI<50) condition.

Functional Class	No. of Sections	Weighted Average PCI	Centerline miles	Area (1,000 yd ²)	% of Area (Weight)
Arterial	2	76	0.37	10.4	4.7%
Collector	1	41	0.02	0.4	0.2%
Residential	85	72	13.14	213.4	95.1%
Total/Average	88	72	13.53	224.3	100.0%

Table 3. Weighted PCI Average by Functional Class

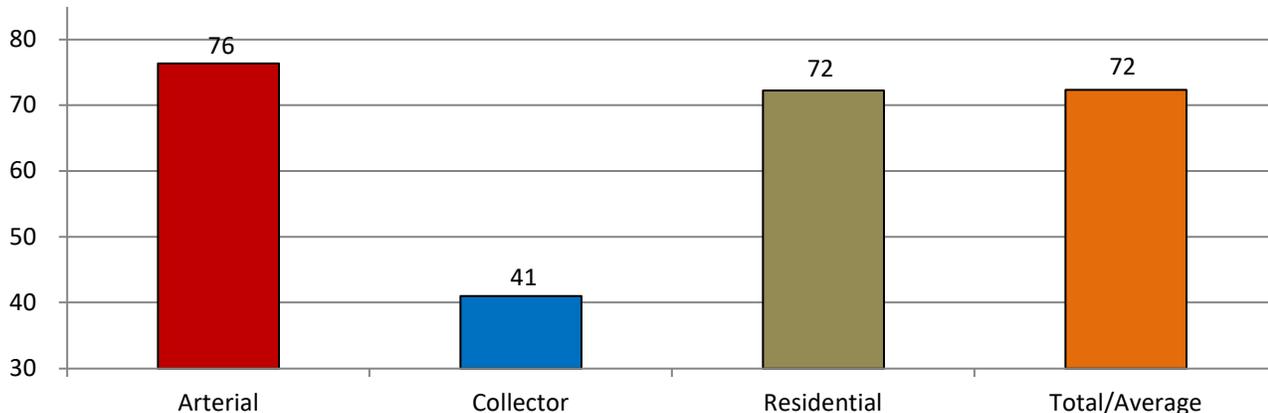


Figure 3. Weighted PCI Average by Functional Class

6. Budget

CITY is proposing to spend \$1.55 million, or an average of \$310 thousand a year, and \$109 thousand, or an average of \$21.9 thousand a year, on PM with 7% PM ratio. Table 4 shows the CITY’s proposed pavement funding over the next 5 years.

Funding	2022	2023	2024	2025	2026	TOTAL (2022-2026)
Total M&R (\$ thousands)	\$310	\$310	\$310	\$310	\$310	\$1,550
PM Only (\$ thousands)	\$21.7	\$21.7	\$21.7	\$21.7	\$21.7	\$108.5

Table 4. Proposed Budget Plan

7. Budget Needs

Based on the principle that it costs less to maintain roads in good condition than bad, the MTC PMP strives to develop a maintenance strategy that will first improve the overall condition of the network, and then sustain it at that level.

The first step is to develop a cost-effective M&R strategy by determining, assuming unlimited resources, the maintenance “Needs” of the CITY’s road network. Using the Budget Needs module, maintenance needs over the next five years are estimated at \$2.93 million. If CITY follows the strategy recommended by the program, the average network PCI will increase to 84 at the end of year 2026. If, however, no maintenance is applied over the next five years, roads already distressed will continue to deteriorate and the network PCI will drop to 65. The results of the Budget Needs analysis are summarized in the table and figure below. Appendix B presents the Budget Needs Analysis report in detail.

	2022	2023	2024	2025	2026	Total
Rehab	\$1,138.1	\$394.2	\$426.8	\$163.0	\$460.5	\$2,582.6
Preventive Maintenance	\$119.2	\$2.0	\$3.5	\$131.6	\$91.2	\$347.5
Budget	\$1,257.3	\$396.2	\$430.4	\$294.6	\$551.7	\$2,930.1
Deferred Maintenance	\$0.0	\$0.0	\$0.0	\$0.0	\$0.0	
Treated PCI	82	82	83	83	84	
Untreated PCI	73	71	69	67	65	

Table 5. Summary of results from Needs Analysis (\$ in thousand)

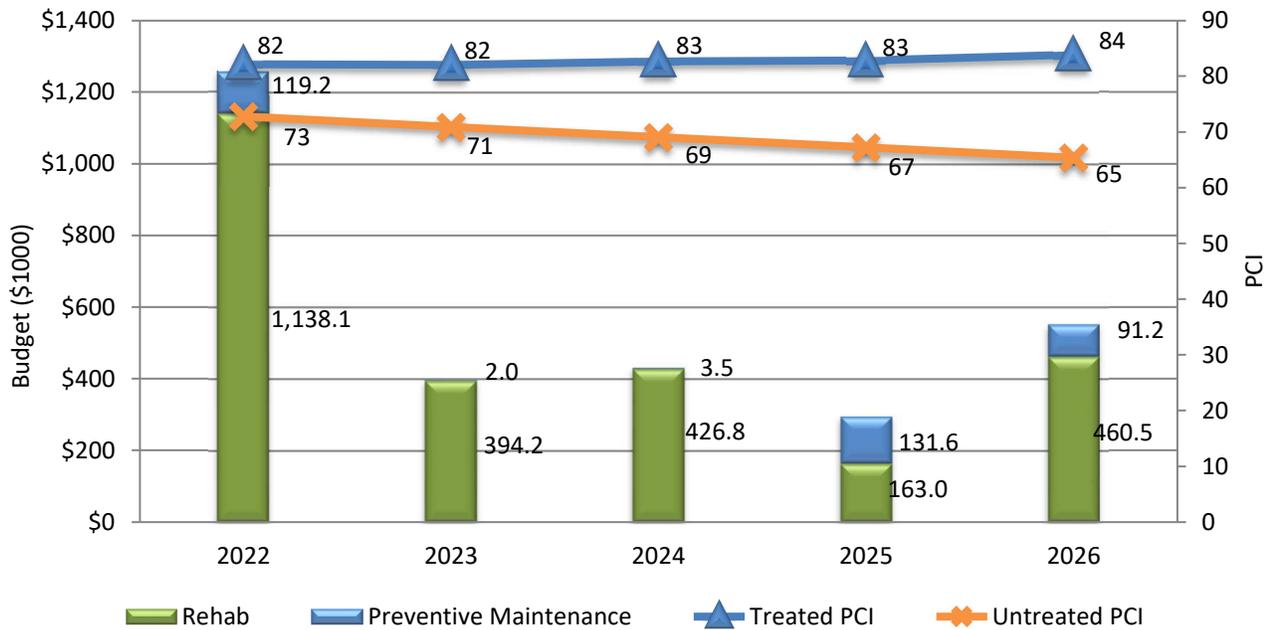


Figure 4. Summary of results from Needs Analysis

8. Budget Scenarios

Having projected the Budget Needs of the CITY’s road network, the next step in developing a cost-effective M&R strategy is to conduct various what-if analyses. The PMS budget scenario module can project the effects of the different scenarios on pavement condition and deferred maintenance. By analyzing the effects on these indicators, the advantages and disadvantages of different funding levels and M&R strategies become clear. The following scenarios were run and analyzed for next five years.

Scenario 1 - \$310K with 7% PM: Budget of \$310 thousand per year, with 7% PM. This scenario identifies what if CITY spends \$310 thousand a year for next 5 years. StreetSaver Budget Analysis module predicts future Deferred Maintenance cost and PCI trend.

Scenario 2 - Maintaining Current PCI: This scenario identifies a budget scenario to maintain the current PCI of 72 over the next five years. StreetSaver’s Target Driven Budget Analysis module was utilized to calculate the optimum amount of rehabilitation and maintenance for this scenario over the next five years.

Scenario 3 - Increasing PCI to 75: This scenario identifies a budget scenario to improve the current PCI to 75 during the five-year period. StreetSaver’s Target Driven Budget Analysis module was utilized to calculate the optimum amount of rehabilitation and maintenance for this scenario over the next five years.

Scenario 4 - Increasing PCI to 77: This scenario identifies a budget scenario to improve the current PCI by 5 points from 72 to 77 during the five-year period. StreetSaver’s Target Driven Budget Analysis module was utilized to calculate the optimum amount of rehabilitation and maintenance for this scenario over the next five years.

8.1 Scenario 1: Current Budget Plan - \$310K with 7% PM

The CITY’s Budget Plan is \$310 thousand per year with 7% of annual budget allocated to PM. The result indicates that the network PCI will increase from 72 to 78. In addition, the maintenance backlog will be increased to \$1.27 million at the end of year 2026. The following table and figure summarize the results of the CITY’s Budget Plan analysis. Appendix C-1 presents the detailed results for the CITY’s Budget Plan analysis.

	2022	2023	2024	2025	2026	Total
Rehab	\$303.6	\$301.4	\$285.1	\$279.7	\$254.0	\$1,423.8
PM + Stop Gap	\$5.9	\$8.2	\$21.9	\$24.3	\$49.3	\$109.7
Budget	\$309.5	\$309.6	\$307.0	\$304.1	\$303.3	\$1,533.4
Deferred Maintenance	\$800.3	\$1,149.9	\$1,477.7	\$1,629.6	\$1,271.5	
Treated PCI	75	76	77	78	78	

Table 6. Summary of Scenario 1 result (\$310K with 7% PM, \$ in thousand)

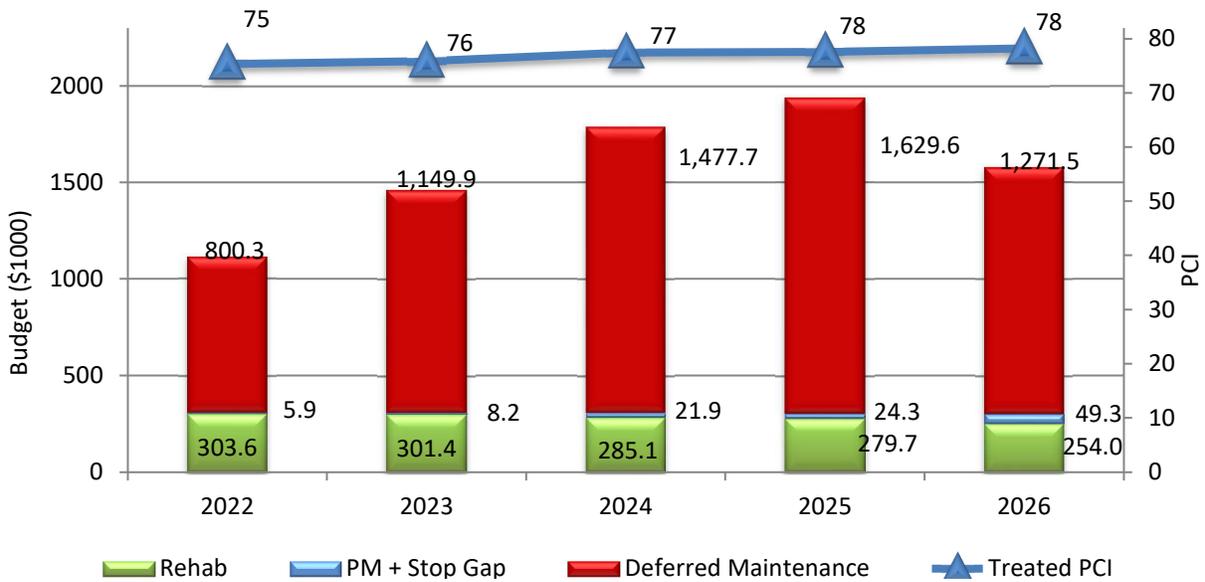


Figure 5. PCI vs. Cost Breakdown for Scenario 1 (\$310K with 7% PM, \$ in thousand)

8.2 Scenario 2: Maintaining Current PCI

In order to maintain the current network PCI of 72, an annual budget of \$636.4 thousand to be allocated, with 17.4% of the budget, \$110.6 thousand or an annual budget of \$22.1 thousand, reserved for PM. The maintenance backlog will increase to \$2.33 million at the end of year 2026. The following table and figure summarize the results of the CITY’s Scenario 2 analysis. Appendix C-2 presents the detailed results for the CITY’s Scenario 2 analysis.

	2022	2023	2024	2025	2026	Total
Rehab	\$252.0	\$273.7	\$0.0	\$0.0	\$0.0	\$525.7
PM + Stop Gap	\$0.00	\$0.00	\$0.00	\$0.00	\$110.63	\$110.6
Budget	\$252.0	\$273.7	\$0.0	\$0.0	\$110.6	\$636.4
Deferred Maintenance	\$853.6	\$1,238.0	\$1,865.5	\$2,353.1	\$2,329.3	
Treated PCI	75	75	74	72	72	

Table 7. Summary of Results for Scenario 2 (\$ in thousand)

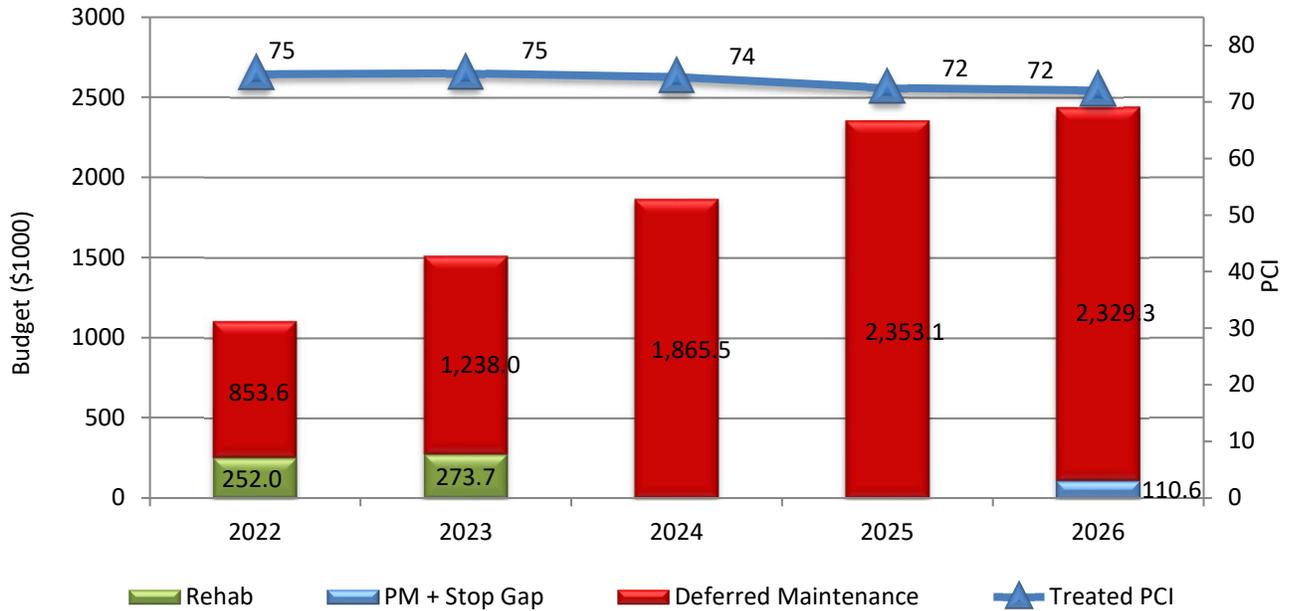


Figure 6. PCI vs. Cost Breakdown for Scenario 2 (\$ in thousand)

8.3 Scenario 3: Increasing PCI to 75

To increase the current PCI to 75 in five years, \$1.11 million, an average annual budget of \$221.9 thousand, is needed with average of 9.6% of the budget, or an average annual budget of \$21.2 thousand, reserved for PM. It is noted that CITY’s average network PCI reach to PCI of 75-76 at the end of year 2026. Maintenance backlog will increase to \$1.85 million at the end of analysis period. The following table and figure below summarize the results of the Maintaining PCI scenario analysis and Appendix C-3 presents the detailed results for the Maintaining PCI scenario analysis.

	2022	2023	2024	2025	2026	Total
Rehab	\$252.0	\$273.7	\$0.0	\$158.9	\$318.6	\$1,003.2
PM + Stop Gap	\$0.00	\$0.00	\$0.00	\$105.69	\$0.38	\$106.1
Budget	\$252.0	\$273.7	\$0.0	\$264.6	\$318.9	\$1,109.3
Deferred Maintenance	\$853.6	\$1,238.0	\$1,865.5	\$2,088.5	\$1,847.1	
Treated PCI	75	75	74	75	76	

Table 8. Summary of results for Scenario 3 (\$ in thousand)

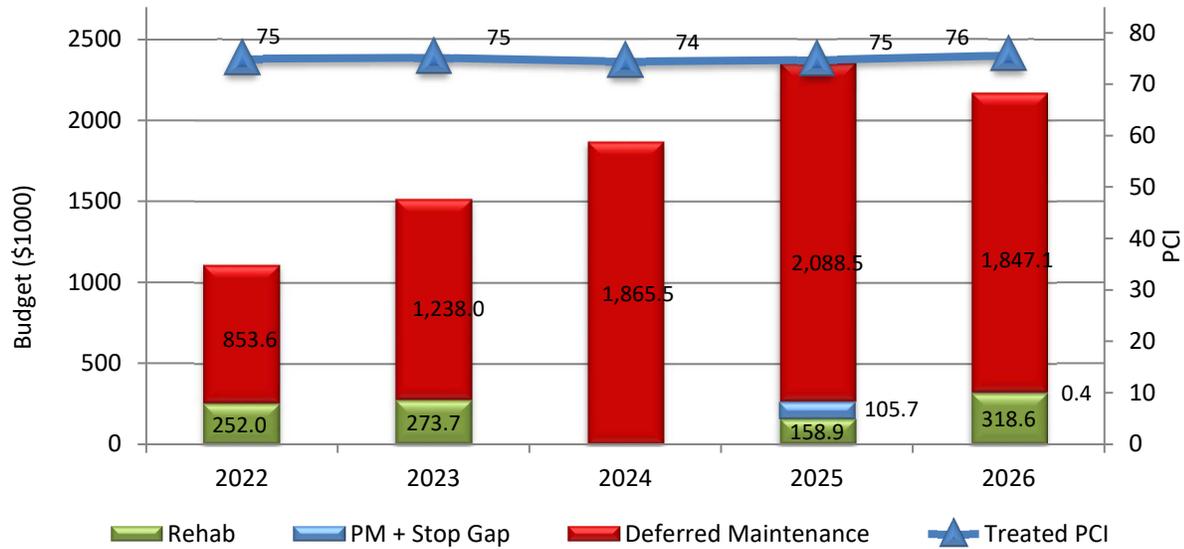


Figure 7. PCI vs. Cost Breakdown for Scenario 3 (\$ in thousand)

8.4 Scenario 4: Increasing PCI to 77

To increase the current PCI by 5 points from 72 to 77 in five years, \$1.34 million, an average annual budget of \$268.1 thousand, is needed with 8% of the budget, or an average annual budget of \$20.8 thousand, reserved for PM. It is noted that average network PCI reaches PCI of 77 at the end of year 2026. Maintenance backlog will increase to \$1.59 million at the end of year 2026. The following table and figure summarize the results of the Increasing PCI scenario analysis and Appendix C-4 presents the detailed results for the Increasing PCI scenario analysis.

	2022	2023	2024	2025	2026	Total
Rehab	\$252.0	\$273.7	\$0.0	\$339.5	\$371.5	\$1,236.8
PM + Stop Gap	\$0.0	\$0.0	\$42.3	\$61.2	\$0.4	\$103.9
Budget	\$252.0	\$273.7	\$42.3	\$400.7	\$371.9	\$1,340.7
Deferred Maintenance	\$853.6	\$1,238.0	\$1,823.2	\$1,889.6	\$1,589.2	
Treated PCI	75	75	75	76	77	

Table 9. Summary of results for Scenario 4 (\$ in thousand)

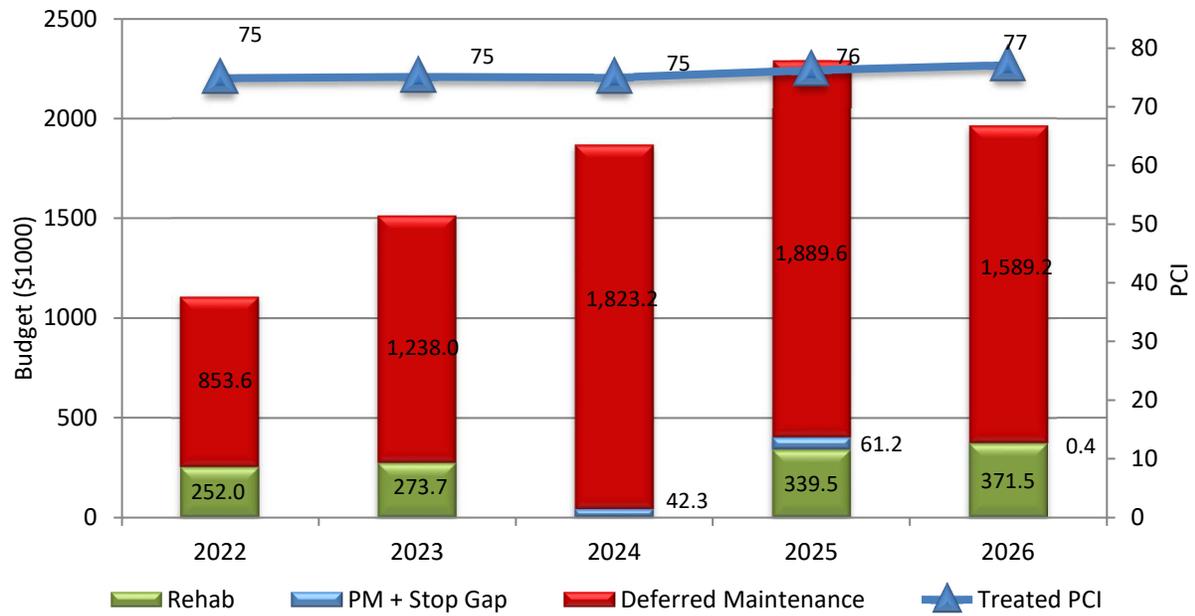


Figure 8. PCI vs. Cost Breakdown for Scenario 4 (\$ in thousand)

9. Budget Scenario Comparison

Each scenario analyzed in the above section has advantages and disadvantages. This section compares the PCI's and Deferred Maintenance backlog costs for each scenario over the next five-year period.

Figures 9.1 and 9.2 below illustrate the change in PCI and Deferred Maintenance backlog costs over time for the different budget scenarios. It is noted that the current budget plan increases PCI to 78 which is the highest and increases Deferred Maintenance to the lowest in four scenarios.

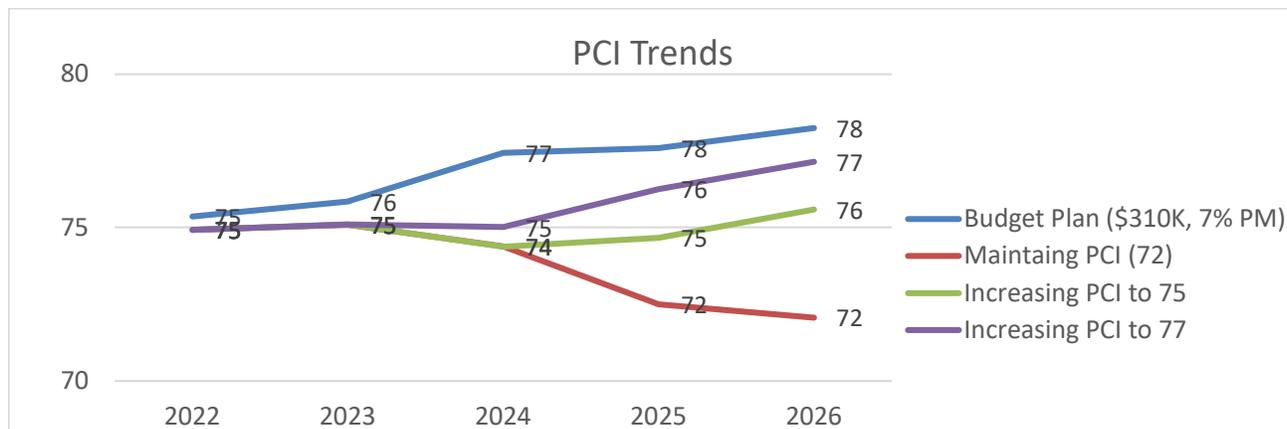


Figure 9.1 PCI Trends by scenarios and years

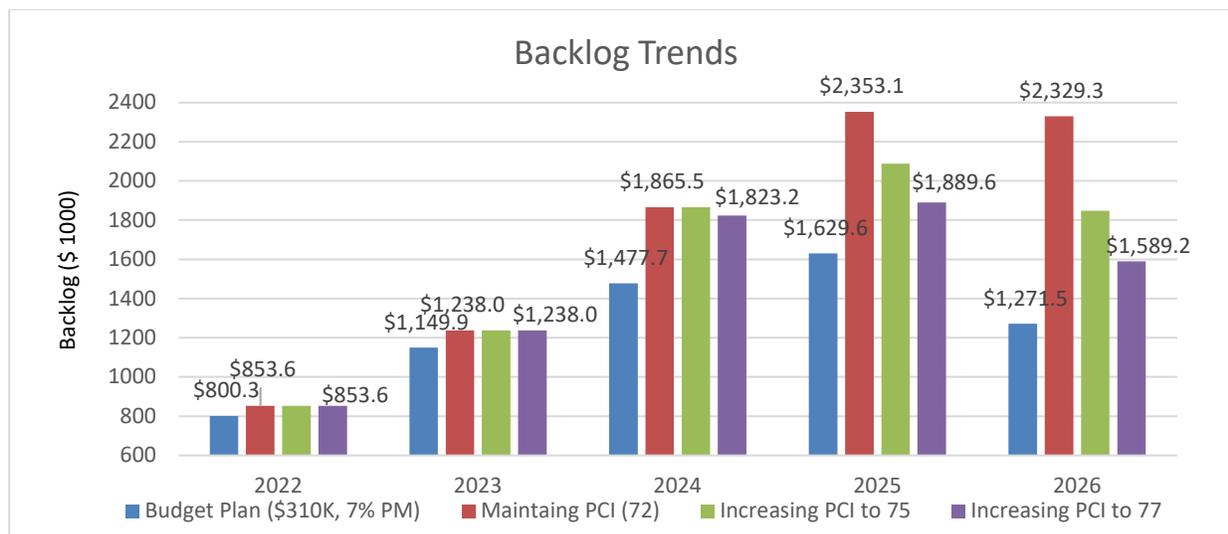


Figure 9.2 Deferred Maintenance Trends by scenarios and years (\$ in thousand)

Figure 10 shows the pavement condition changes under the different scenarios. The stacked columns in the figure compare the contribution of each pavement condition category after five years in year 2026. As of March 17, 2022, 60.6% of the pavements is in the “GOOD” (70<=PCI<=100) condition category and 7.1% is in “POOR” (25<=PCI<50) condition category. Under the Maintaining PCI scenario, percentage of “GOOD” (70<=PCI<=100) condition category is expected to be reduced to 54.6. Other scenarios increase percentage of “GOOD” (70<=PCI<=100) condition category to higher than percentage of “GOOD” condition as of March 17, 2022.

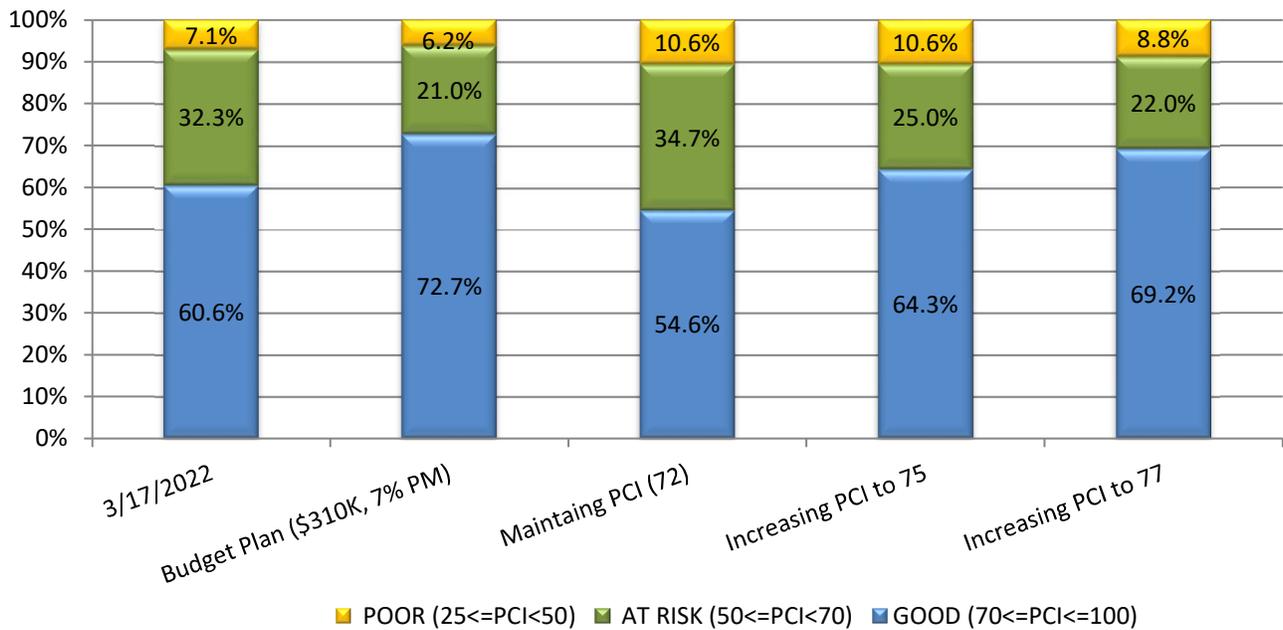


Figure 10. Pavement Condition after five years, Year 2026

10. Comments

As discussed in the Budget Needs analysis, CITY needs \$2.93 million to eliminate its maintenance backlog every year if CITY has flexible and unlimited annual budget. In this case, CITY's average network PCI reaches to 84, 12 PCI points higher than the current average network PCI.

ADHARA finds that the current Budget Plan with \$310 thousand and 7% PM ratio is suitable to CITY's objectives, improving sections in POOR ($25 \leq \text{PCI} < 50$) condition, affordable, increasing maintenance backlog least.

MTC recommends using PM as much as possible to maximize return of investment. ADHARA finds that CITY focused on PM recent years. Therefore, CITY does not have many sections to apply PM. Budget Needs indicated that CITY requires 11.9% of PM even CITY has unlimited resources.

Appendix G shows the current PCI as of March 17, 2022 and at the end of year 2026 after treatment for each budget scenario.

Appendix A: Network Summary

Network Summary Statistics

Printed: 3/17/2022

	Total Sections	Total Center Miles	Total Lane Miles	Total Area (sq. ft.)	PCI
Arterial	2	0.37	0.69	94,495	76
Collector	1	0.02	0.05	3,640	41
Residential/Local	85	13.14	25.56	1,920,934	72
Total	88	13.53	26.30	2,019,069	
Overall Network PCI as of 3/17/2022:					72

**** Combined Sections are excluded from totals. These Sections do not have a PCI Date - they have not been inspected or had a Treatment applied.**

Appendix B: Budget Needs Analysis

Network Replacement Cost

Printed: 03/24/2022

Functional Class	Surface Type	Lane Miles	Unit Cost/ Square Foot	Pavement Area/ Square Feet	Cost To Replace/ (in thousands)
Arterial	AC/AC	0.7	\$13.78	94,495	\$1,302
Collector	AC/AC	0.0	\$13.78	3,640	\$50
Proposed; Private; Non-County	AC	5.0	\$0.00	320,733	\$0
Residential/Local	AC	16.3	\$11.78	1,267,242	\$14,925
	AC/AC	9.3	\$11.78	653,692	\$7,699
Grand Total:		31.3		2,339,802	\$23,976

Needs - Projected PCI/Cost Summary

Inflation Rate = 3.00 % Printed: 3/24/2022

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2022	82	73	\$119,175	\$1,138,145	\$1,257,320
2023	82	71	\$2,002	\$394,157	\$396,159
2024	83	69	\$3,527	\$426,846	\$430,373
2025	83	67	\$131,593	\$162,985	\$294,578
2026	84	65	\$91,155	\$460,499	\$551,654
		% PM	PM Total Cost	Rehab Total Cost	Total Cost
		11.86%	\$347,452	\$2,582,632	\$2,930,084

Needs - Preventive Maintenance Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 3/24/2022

Treatment	Year	Area Treated	Cost
SLURRY SEAL	2022	29,126.33 sq. yd.	\$119,175
	Total	29,126.33	\$119,175
SLURRY SEAL & CRACK SEALING	2023	395.9 sq. yd.	\$2,002
	2024	677.12 sq. yd.	\$3,527
	2025	104.51 sq. yd.	\$564
	2026	68.45 sq. yd.	\$380
	Total	1,245.98	\$6,473
THIN AC OVERLAY(1.5 INCHES)	2025	5,710 sq. yd.	\$131,029
	2026	3,840.56 sq. yd.	\$90,775
	Total	9,550.56	\$221,804
	Total Quantity	39,922.87	\$347,452

Needs - Rehabilitation Treatment/Cost Summary

Inflation Rate = 3.00 % Printed: 3/24/2022

Treatment	Year	Area Treated	Cost
AC OVERLAY (2.0 INCHES)	2022	10,773.22 sq.yd.	\$280,105
	2023	9,124.89 sq.yd.	\$244,367
	2024	8,222.22 sq.yd.	\$226,797
	2025	5,736.67 sq.yd.	\$162,985
	2026	7,270 sq.yd.	\$212,744
	Total		41,127 sq.yd.
THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS	2022	23,083.33 sq.yd.	\$554,000
	2023	6,059.44 sq.yd.	\$149,790
	2024	3,285.56 sq.yd.	\$83,657
	Total		32,428.33 sq.yd.
ULTRATHIN AC OVERLAY (1.0 INCH)	2022	16,891.11 sq.yd.	\$304,040
	Total		16,891.11 sq.yd.
RECONSTRUCT STRUCTURE (AC)	2024	1,035 sq.yd.	\$116,392
	2026	2,076.67 sq.yd.	\$247,755
	Total		3,111.67 sq.yd.
Total Cost			\$2,582,632

Appendix C: Budget Analysis Reports

C-1. \$310K with 7% PM Budget Analysis

C-2. Maintaining PCI Analysis

C-3. Increasing PCI to 75 Analysis

C-4. Increasing PCI to 77 Analysis

C-5. Unconstrained Budget

C-6. No Budget

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2022	7%	\$310,000	II	\$51,580	Non-Project	\$1,667	\$0	\$800,333	Funded	\$4,228
			III	\$0					Unmet	\$0
			IV	\$0						
			V	\$0						
			Total Project	\$51,580						
2023	7%	\$310,000	II	\$21,198	Non-Project	\$5,642	\$0	\$1,149,857	Funded	\$2,599
			III	\$0					Unmet	\$0
			IV	\$6,428					Project	\$0
			V	\$0						
			Total Project	\$27,626						
2024	7%	\$310,000	II	\$103,120	Non-Project	\$18,169	\$0	\$1,477,664	Funded	\$3,729
			III	\$154,284					Unmet	\$0
			IV	\$27,722					Project	\$0
			V	\$0						
			Total Project	\$285,126						
2025	7%	\$310,000	II	\$256,058	Non-Project	\$22,882	\$0	\$1,629,599	Funded	\$1,455
			III	\$23,662					Unmet	\$0
			IV	\$0					Project	\$0
			V	\$0						
			Total Project	\$279,720						
2026	7%	\$310,000	II	\$0	Non-Project	\$49,280	\$0	\$1,271,520	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$254,006					Project	\$0
			V	\$0						
			Total Project	\$254,006						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$154,284	\$22,318	\$811	\$0
Collector	\$10,112	\$0	\$0	\$0
Residential/Local	\$1,259,402	\$75,322	\$11,200	\$0
Grand Total:	\$1,423,798	\$97,640	\$12,011	\$0

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2022	\$310,000	7%	2024	\$310,000	7%	2026	\$310,000	7%
2023	\$310,000	7%	2025	\$310,000	7%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2022	73	75	0.87	1.58
2023	71	76	2.16	4.32
2024	69	77	3.08	6.32
2025	67	78	1.76	3.32
2026	65	78	1.63	3.26

Percent Network Area by Functional Class and Condition Category

Condition in base year 2022, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	58.1%	0.0%	62.9%
II / III	0.0%	0.0%	32.6%	0.0%	32.6%
IV	0.0%	0.0%	4.5%	0.0%	4.5%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	67.9%	0.0%	72.7%
II / III	0.0%	0.0%	21.0%	0.0%	21.0%
IV	0.0%	0.0%	6.2%	0.0%	6.2%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Target-Driven Scenarios - Cost Summary

Interest: 2%

Inflation: 3%

Printed: 3/24/2022

Scenario: PTAP22 Maintaining PCI (72)

Objective: Minimum Network Average PCI

Target: Overall 72

Year	Rehabilitation	Preventive Maintenance	Total Cost	Deferred
2022	II	\$0	\$252,004	\$853,579
	III	\$0		
	IV	\$0	\$0	
	V	\$0		
	Total	\$0		
	Project	\$252,004		
2023	II	\$0	\$273,736	\$1,237,963
	III	\$0		
	IV	\$0	\$0	
	V	\$0		
	Total	\$0		
	Project	\$273,736		
2024	II	\$0	\$0	\$1,865,527
	III	\$0		
	IV	\$0	\$0	
	V	\$0		
	Total	\$0		
	Project	\$0		
2025	II	\$0	\$0	\$2,353,103
	III	\$0		
	IV	\$0	\$0	
	V	\$0		
	Total	\$0		
	Project	\$0		
2026	II	\$0	\$110,632	\$2,329,314
	III	\$0		
	IV	\$0	\$0	
	V	\$0		
	Total	\$0		
	Project	\$0		

Functional Class	Rehabilitation	Prev. Maint.	Summary
Arterial	\$0	\$22,988	
Collector	\$10,112	\$0	
Residential/Local	\$515,628	\$87,644	
Total:	\$525,740	\$110,632	Grand Total: \$636,372

Target-Driven Scenarios Network Condition Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Maintaining PCI (72)

Objective: Minimum Network Average PCI	Target: Overall 72
--	--------------------

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Without Selected Treatment
2022	73	75	73
2023	71	75	71
2024	69	74	69
2025	67	72	67
2026	65	72	65

Percent Network Area by Functional Classification and Condition Class

Condition in base year 2022, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	56.8%	0.0%	61.6%
II / III	0.0%	0.0%	33.9%	0.0%	33.9%
IV	0.0%	0.0%	4.5%	0.0%	4.5%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.0%	0.2%	52.5%	0.0%	54.6%
II / III	2.7%	0.0%	32.0%	0.0%	34.7%
IV	0.0%	0.0%	10.6%	0.0%	10.6%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Target-Driven Scenarios - Cost Summary

Interest: 2%

Inflation: 3%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 75

Objective: Minimum Network Average PCI

Target: By Year

Year	Value	Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	73.5	Year 3	74	Year 4	74.5
Year 5	75						
Year	Rehabilitation		Preventive Maintenance		Total Cost		Deferred
2022	II	\$0	Non-Project	\$0	\$252,004		\$853,579
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$252,004					
2023	II	\$0	Non-Project	\$0	\$273,736		\$1,237,963
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$273,736					
2024	II	\$0	Non-Project	\$0	\$0		\$1,865,527
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$0					
2025	II	\$0	Non-Project	\$105,687	\$264,599		\$2,088,523
	III	\$158,912	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$158,912					
	Project	\$0					
2026	II	\$318,566	Non-Project	\$380	\$318,946		\$1,847,071
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$318,566					
	Project	\$0					

Functional Class	Rehabilitation	Prev. Maint.	Summary
Arterial	\$158,912	\$22,318	
Collector	\$10,112	\$0	
Residential/Local	\$834,194	\$83,749	
Total:	\$1,003,218	\$106,067	
			Grand Total: \$1,109,285

Target-Driven Scenarios Network Condition Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 75

Objective: Minimum Network Average PCI Target: By Year

Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	73.5	Year 3	74
Year 5	75			Year 4	74.5

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Without Selected Treatment
2022	73	75	73
2023	71	75	71
2024	69	74	69
2025	67	75	67
2026	65	76	65

Percent Network Area by Functional Classification and Condition Class

Condition in base year 2022, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	56.8%	0.0%	61.6%
II / III	0.0%	0.0%	33.9%	0.0%	33.9%
IV	0.0%	0.0%	4.5%	0.0%	4.5%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	59.5%	0.0%	64.3%
II / III	0.0%	0.0%	25.0%	0.0%	25.0%
IV	0.0%	0.0%	10.6%	0.0%	10.6%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Target-Driven Scenarios - Cost Summary

Interest: 2%

Inflation: 3%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 77

Objective: Minimum Network Average PCI

Target: By Year

Year	Value	Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	74	Year 3	75	Year 4	76
Year 5	77						
Year	Rehabilitation		Preventive Maintenance		Total Cost	Deferred	
2022	II	\$0	Non-Project	\$0	\$252,004	\$853,579	
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$252,004					
2023	II	\$0	Non-Project	\$0	\$273,736	\$1,237,963	
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$273,736					
2024	II	\$0	Non-Project	\$42,349	\$42,349	\$1,823,192	
	III	\$0	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$0					
	Project	\$0					
2025	II	\$180,585	Non-Project	\$61,181	\$400,678	\$1,889,559	
	III	\$158,912	Project	\$0			
	IV	\$0					
	V	\$0					
	Total	\$339,497					
	Project	\$0					
2026	II	\$253,160	Non-Project	\$380	\$371,894	\$1,589,190	
	III	\$0	Project	\$0			
	IV	\$118,354					
	V	\$0					
	Total	\$371,514					
	Project	\$0					

Functional Class	Rehabilitation	Prev. Maint.	Summary
Arterial	\$158,912	\$21,668	
Collector	\$10,112	\$0	
Residential/Local	\$1,067,727	\$82,242	
Total:	\$1,236,751	\$103,910	
			Grand Total: \$1,340,661

Target-Driven Scenarios Network Condition Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 77

Objective: Minimum Network Average PCI Target: By Year

Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	74	Year 3	75
Year 5	77			Year 4	76

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment	Without Selected Treatment
2022	73	75	73
2023	71	75	71
2024	69	75	69
2025	67	76	67
2026	65	77	65

Percent Network Area by Functional Classification and Condition Class

Condition in base year 2022, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	56.8%	0.0%	61.6%
II / III	0.0%	0.0%	33.9%	0.0%	33.9%
IV	0.0%	0.0%	4.5%	0.0%	4.5%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	64.3%	0.0%	69.2%
II / III	0.0%	0.0%	22.0%	0.0%	22.0%
IV	0.0%	0.0%	8.8%	0.0%	8.8%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 4/6/2022

Scenario: PTAP22 Unconstrained

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2022	10%	\$2,000,000	II	\$304,040	Non-Project	\$119,175	\$55,625	\$0	Funded	\$0
			III	\$398,000					Unmet	\$0
			IV	\$32,370					Project	\$0
			V	\$0						
			Total	\$734,410						
		Project	\$252,004							
2023	10%	\$2,000,000	II	\$0	Non-Project	\$2,002	\$170,624	\$0	Funded	\$0
			III	\$149,790					Unmet	\$0
			IV	\$232,452					Project	\$0
			V	\$0						
			Total	\$382,242						
		Project	\$273,736							
2024	10%	\$2,000,000	II	\$0	Non-Project	\$3,527	\$196,473	\$0	Funded	\$0
			III	\$366,282					Unmet	\$0
			IV	\$226,797					Project	\$0
			V	\$0						
			Total	\$593,079						
		Project	\$0							
2025	10%	\$2,000,000	II	\$0	Non-Project	\$131,593	\$68,407	\$0	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$162,985					Project	\$0
			V	\$0						
			Total	\$162,985						
		Project	\$0							
2026	10%	\$2,000,000	II	\$0	Non-Project	\$91,155	\$108,845	\$0	Funded	\$0
			III	\$0					Unmet	\$0
			IV	\$0					Project	\$0
			V	\$0						
			Total	\$0						
		Project	\$0							

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$149,790	\$20,424	\$0	\$0
Collector	\$10,112	\$0	\$0	\$0
Residential/Local	\$2,238,554	\$327,028	\$0	\$0
Grand Total:	\$2,398,456	\$347,452	\$0	\$0

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 4/6/2022

Scenario: PTAP22 Unconstrained

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2022	\$2,000,000	10%	2024	\$2,000,000	10%	2026	\$2,000,000	10%
2023	\$2,000,000	10%	2025	\$2,000,000	10%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2022	73	81	4.43	8.47
2023	71	83	2.64	5.43
2024	69	86	3.41	6.81
2025	67	86	1.87	3.20
2026	65	85	0.69	1.39

Percent Network Area by Functional Class and Condition Category

Condition in base year 2022, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	72.3%	0.0%	77.1%
II / III	0.0%	0.0%	19.0%	0.0%	19.0%
IV	0.0%	0.0%	3.9%	0.0%	3.9%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.2%	92.4%	0.0%	97.3%
II / III	0.0%	0.0%	2.7%	0.0%	2.7%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Scenarios - Cost Summary

Interest: 2.00%

Inflation: 3.00%

Printed: 4/6/2022

Scenario: PTAP22 No Budget

Year	PM	Budget	Rehabilitation	Preventative Maintenance	Surplus PM	Deferred	Stop Gap			
2022	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$1,105,582	Funded	\$0
			III	\$0					Unmet	\$4,601
			IV	\$0						
			V	\$0						
			Total	\$0						
			Project	\$0						
2023	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$1,605,677	Funded	\$0
			III	\$0					Unmet	\$3,322
			IV	\$0						
			V	\$0						
			Total	\$0						
			Project	\$0						
2024	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$1,854,160	Funded	\$0
			III	\$0					Unmet	\$4,245
			IV	\$0						
			V	\$0						
			Total	\$0						
			Project	\$0						
2025	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$2,301,907	Funded	\$0
			III	\$0					Unmet	\$2,433
			IV	\$0						
			V	\$0						
			Total	\$0						
			Project	\$0						
2026	0%	\$0	II	\$0	Non-Project	\$0	\$0	\$2,478,724	Funded	\$0
			III	\$0					Unmet	\$2,859
			IV	\$0						
			V	\$0						
			Total	\$0						
			Project	\$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	\$0	\$0	\$0	\$811
Collector	\$0	\$0	\$0	\$0
Residential/Local	\$0	\$0	\$0	\$16,649
Grand Total:	\$0	\$0	\$0	\$17,460

Scenarios - Network Condition Summary

Interest: 2%

Inflation: 3%

Printed: 4/6/2022

Scenario: PTAP22 No Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2022	\$0	0%	2024	\$0	0%	2026	\$0	0%
2023	\$0	0%	2025	\$0	0%			

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2022	73	73	0	0
2023	71	71	0	0
2024	69	70	0.35	0.69
2025	67	68	0	0
2026	65	66	0	0

Percent Network Area by Functional Class and Condition Category

Condition in base year 2022, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2022 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	4.7%	0.0%	53.0%	0.0%	57.6%
II / III	0.0%	0.0%	35.2%	0.0%	35.2%
IV	0.0%	0.2%	7.0%	0.0%	7.1%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Condition in year 2026 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	2.0%	0.0%	45.7%	0.0%	47.7%
II / III	2.7%	0.0%	31.3%	0.0%	34.0%
IV	0.0%	0.2%	16.8%	0.0%	16.9%
V	0.0%	0.0%	1.4%	0.0%	1.4%
Total	4.7%	0.2%	95.1%	0.0%	100.0%

Appendix D: Sections Selected for Treatment

D-1. Budget Needs

D-2. \$310K with 7% PM Budget Analysis

D-3. Maintaining PCI Analysis

D-4. Increasing PCI to 75 Analysis

D-5. Increasing PCI to 77 Analysis

Needs - Sections Selected for Treatment

Interest: 2.00%

Inflation: 1.00%

Printed: 3/24/2022

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
ALEXANDER AVENUE	BACHMAN CT	END NORTH	ALEX	010	R	AC	100	\$19,009	AC OVERLAY (2.0 INCHES)
BACHMAN AVENUE	CITY LIMIT EAST	END WEST	BACHMN	010	R	AC	100	\$6,240	AC OVERLAY (2.0 INCHES)
BRUCE AVENUE	POPPY LANE	WEST END	BRUCE	020	R	AC	100	\$26,130	AC OVERLAY (2.0 INCHES)
CONSTITUTION AVENUE	DAVES AVE	END EAST	CONSTU	010	R	AC	100	\$126,967	AC OVERLAY (2.0 INCHES)
GREENWOOD ROAD	GREENWOOD LN	END SOUTH	GREEN	020	R	AC	100	\$91,243	AC OVERLAY (2.0 INCHES)
QUITO ROAD	CITY LIMITS	CITY LIMITS NORTH	QUITO	010	C	AC/AC	100	\$10,516	AC OVERLAY (2.0 INCHES)
Treatment Total								\$280,105	
DAVES AVENUE	POPPY LN.	300' W/O EQUESTRIAN WY	DAVEB	020	R	AC	100	\$134,680	ULTRATHIN AC OVERLAY (1.0 INCH)
DAVES AVENUE	300' W/O EQUESTRIAN WY	VIA CABALLERO	DAVEC	030	R	AC	100	\$97,200	ULTRATHIN AC OVERLAY (1.0 INCH)
KIRKORIAN WAY	DAVES AVE.	END NORTH	KIRKOR	010	R	AC	100	\$20,580	ULTRATHIN AC OVERLAY (1.0 INCH)
ROBIN ANNE LANE	ROBIN ANNE LN	KARL AVE	ROBINLN	020	R	AC	100	\$21,000	ULTRATHIN AC OVERLAY (1.0 INCH)
VIA PINTO	VIA PALOMINO	END NORTH	VIAPNT	010	R	AC	100	\$30,580	ULTRATHIN AC OVERLAY (1.0 INCH)
Treatment Total								\$304,040	
EATON LANE	KARL AVE	VIA DEL SUR	EATON	011	R	AC	100	\$53,200	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
GREGORY PLACE	VIA LOMITA	END EAST	GREG	010	R	AC	100	\$24,720	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
TWIN CREEKS ROAD	AQUINAS CRK BRIDGE	TAMSON CT	TWINCK	010	R	AC	100	\$156,000	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
VIA PALOMINO	VINELAND AVE	END NORTH	VIAPAL	020	R	AC	100	\$128,000	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
WITHEY ROAD	BECK AVE.	END WEST	WITHY	010	R	AC/AC	100	\$192,080	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
Treatment Total								\$554,000	
ANDREWS STREET	ROSE AVE.	CITY LIMIT	ANDREW	010	R	AC	92	\$8,494	SLURRY SEAL
BECK AVE	END WEST	HERNANDEZ LN	BECK	010	R	AC/AC	86	\$6,578	SLURRY SEAL
BRUCE COURT	BRUCE AVE.	END NORTH	BRCT	010	R	AC	83	\$1,667	SLURRY SEAL
DAVES AVENUE	WINCHESTER BLVD.	POPPY LN.	DAVEA	010	R	AC	83	\$22,144	SLURRY SEAL
HERNANDEZ AVENUE	CITY LIMIT SOUTH	BECK AVE	HERNDZ	010	R	AC	90	\$8,612	SLURRY SEAL
KARL AVENUE	VINELAND AVE	ROBIN ANNE LANE	KARL	011	R	AC/AC	89	\$7,223	SLURRY SEAL
KARL AVENUE	ROBIN ANNE LANE	EATON LANE	KARL	020	R	AC	90	\$14,534	SLURRY SEAL
KARL AVENUE	EATON LN.	CITY LIMIT	KARL	030	R	AC	87	\$9,142	SLURRY SEAL
ROSE AV	SARATOGA RD.	CITY LIMIT	ROSE	010	R	AC	86	\$11,160	SLURRY SEAL

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
ROSE COURT	ROSE AVE.	END NORTH	ROSECT	010	R	AC	83	\$5,663	SLURRY SEAL
VINELAND COURT	END SOUTH	VINELAND AVE	VINECT	010	R	AC	89	\$3,534	SLURRY SEAL
WINCHESTER BLVD SB	NAGPAL CT	VINELAND AVE	WINCSB	015	A	AC/AC	92	\$20,424	SLURRY SEAL
Treatment Total								\$119,175	
Year 2022 Total								\$1,257,320	

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
EATON LANE	VIA DEL SUR	WINCHESTER BLVD	EATON	020	R	AC	100	\$124,141	AC OVERLAY (2.0 INCHES)
SAN BENITO WAY	143FT S/O VISTA AVE	VISTA AVE.	SANBWY	010	R	AC	100	\$11,915	AC OVERLAY (2.0 INCHES)
VIA CABALLERO	TWIN CREEKS RD.	DAVES AVE	VIACA	010	R	AC	100	\$108,311	AC OVERLAY (2.0 INCHES)
Treatment Total								\$244,367	
BLANCHARD DRIVE	WINCHESTER DR.	VINELAND AVE.	BLANCH	010	R	AC/AC	84	\$456	SLURRY SEAL & CRACK SEALING
CARRIL COURT	DAVES AVE.	END EAST	CARRL	010	R	AC	76	\$186	SLURRY SEAL & CRACK SEALING
DORADO LANE	DAVES AVE.	END NORTH	DORAD	010	R	AC/AC	84	\$174	SLURRY SEAL & CRACK SEALING
GROSVENOR COURT	END WEST	WINCHESTER BLVD.	GROCT	010	R	AC/AC	84	\$203	SLURRY SEAL & CRACK SEALING
KAVIN LANE	DAVES AVE	VINELAND AVE	KAVIN	020	R	AC/AC	85	\$389	SLURRY SEAL & CRACK SEALING
PINE CONE COURT	VINELAND AVE.	END NORTH	PINECN	010	R	AC	84	\$45	SLURRY SEAL & CRACK SEALING
POPPY LANE	DAVES AVE.	END SOUTH	POPPY	010	R	AC/AC	83	\$375	SLURRY SEAL & CRACK SEALING
VIA DEL SUR	END SOUTH	EATON LN	VIADLS	010	R	AC/AC	86	\$174	SLURRY SEAL & CRACK SEALING
Treatment Total								\$2,002	
WINCHESTER BOULEVARD	112FT S/O PLEASANT VIEW	VINELAND AVE	WINCHS	010	A	AC/AC	100	\$149,790	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
Treatment Total								\$149,790	
Year 2023 Total								\$396,159	

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
VINELAND AVENUE	VIA PALAMINO	KARL AVE	VINELD	010	R	AC	100	\$226,797	AC OVERLAY (2.0 INCHES)
Treatment Total								\$226,797	
BARRY LANE	ROSE AVE.	END	BARRY	010	R	AC/AC	76	\$145	SLURRY SEAL & CRACK SEALING
CREEKSIDE COURT	END WEST	WINCHESTER BLVD.	CREEK	010	R	AC/AC	77	\$306	SLURRY SEAL & CRACK SEALING
ELM PARK COURT	ELM PARK	END EAST	ELMCT	010	R	AC/AC	85	\$34	SLURRY SEAL & CRACK SEALING

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
ELM PARK	END SOUTH	BICKNELL RD.	ELMPS	010	R	AC/AC	87	\$310	SLURRY SEAL & CRACK SEALING
EQUESTRIAN WAY	DAVES AVE.	END NORTH	EQUST	010	R	AC/AC	87	\$50	SLURRY SEAL & CRACK SEALING
FRANCESCA COURT	ANDREWS ST.	END WEST	FRANC	010	R	AC/AC	88	\$23	SLURRY SEAL & CRACK SEALING
GRANDVIEW AVENUE	SARATOGA RD.	END EAST	GRANVW	010	R	AC	77	\$908	SLURRY SEAL & CRACK SEALING
MAYS AV	ANDREWS AVE.	END NORTH	MAYS	010	R	AC/AC	77	\$357	SLURRY SEAL & CRACK SEALING
OAKHURST DRIVE	END SOUTH	RIDGECREST DR	OKHST	010	R	AC/AC	88	\$101	SLURRY SEAL & CRACK SEALING
PALOS VERDES DRIVE	DAVES AVE.	VINELAND AVE.	PALSVD	010	R	AC/AC	87	\$222	SLURRY SEAL & CRACK SEALING
PARKSIDE COURT	END WEST	WINCHESTER BLVD.	PARKCT	010	R	AC/AC	88	\$66	SLURRY SEAL & CRACK SEALING
SERENA VISTA COURT	END SOUTH	SARATOGA LOS GATOS RD.	SERVST	010	R	AC/AC	87	\$29	SLURRY SEAL & CRACK SEALING
VIA LOMITA	BICKNELL RD.	END SOUTH	VIALOM	010	R	AC/AC	85	\$332	SLURRY SEAL & CRACK SEALING
VIA VAQUERO	DAVES AVE.	END NORTH	VIAVAQ	010	R	AC/AC	87	\$46	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	SARATOGA RD	2ND BEND ON ROAD	VIEWFD	011	R	AC	78	\$468	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	2ND BEWND ON ROAD	NORTH END	VIEWFD	020	R	AC	90	\$130	SLURRY SEAL & CRACK SEALING
Treatment Total								\$3,527	
DANIELLE PLACE	BICKNELL RD.	END SOUTH	DANPL	010	R	AC	100	\$22,973	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
OAK KNOLL DRIVE	DAVES AVE.	END SOUTH	OAKKNL	010	R	AC	100	\$60,684	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
Treatment Total								\$83,657	
WEST ELLENWOOD AVENUE	ELLENWOOD AVE	END NORTH	WESTEL	010	R	AC	100	\$116,392	RECONSTRUCT STRUCTURE (AC)
Treatment Total								\$116,392	
Year 2024 Total								\$430,373	

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
AUSTIN WAY	HIGHWAY 9	QUITO RD	AUSTIN	010	R	AC	100	\$75,763	AC OVERLAY (2.0 INCHES)
HILLVIEW DRIVE	CITY LIMIT SOUTH	OAK DR.	HILLVL	010	R	AC	100	\$41,038	AC OVERLAY (2.0 INCHES)
VIA ENCANTADA	VIA CABRILLO	END EAST	VIAENC	010	R	AC	100	\$46,184	AC OVERLAY (2.0 INCHES)
Treatment Total								\$162,985	
ALMA JO COURT	TWIN CREEK RD	END	ALMACT	010	R	AC/AC	88	\$128	SLURRY SEAL & CRACK SEALING
BANCROFT AVENUE	END EAST	RIDGECREST DR.	BANCFT	010	R	AC/AC	88	\$134	SLURRY SEAL & CRACK SEALING
BANYAN LANE	CHADBOURNE LN	END	BANYN	010	R	AC/AC	88	\$44	SLURRY SEAL & CRACK SEALING

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
CHADBOURNE LANE	TWINCREEKS RD.	END SOUTH	CHADBO	010	R	AC/AC	88	\$133	SLURRY SEAL & CRACK SEALING
JANOR COURT	TWINCREEKS RD.	END NORTH	JANOR	010	R	AC/AC	88	\$18	SLURRY SEAL & CRACK SEALING
LANCASTER ROAD	200' N/O 10 MPH ADVISORY	CITY LIMIT NORTH	LANCST	010	R	AC/AC	88	\$49	SLURRY SEAL & CRACK SEALING
SEEBREE LANE	CONSTITUTION AVE	END	SEEBRE	010	R	AC/AC	88	\$36	SLURRY SEAL & CRACK SEALING
TAMSON COURT	TWINCREEKS RD.	END SOUTH	TAMSON	010	R	AC/AC	88	\$22	SLURRY SEAL & CRACK SEALING
Treatment Total								\$564	
BICKNELL ROAD EB	QUITO RD	ELM PARK	BICKNL	010	R	AC	100	\$131,029	THIN AC OVERLAY(1.5 INCHES)
Treatment Total								\$131,029	
Year 2025 Total								\$294,578	

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Treatment
BRUCE AVENUE	SAN BENITO WAY	POPPY LANE	BRUCE	011	R	AC	100	\$78,133	AC OVERLAY (2.0 INCHES)
TWIN CREEKS ROAD	TAMSON CT	VIA CABALLERO	TWINCK	020	R	AC	100	\$134,611	AC OVERLAY (2.0 INCHES)
Treatment Total								\$212,744	
CLARA STREET	NATALYE ST.	LA RINCONADA RD.	CLARA	010	R	AC/AC	88	\$66	SLURRY SEAL & CRACK SEALING
NATALYE ROAD	ZENA AVE.	LA RINCONADA DR.	NATALY	010	R	AC	87	\$160	SLURRY SEAL & CRACK SEALING
ZENA AVENUE	END WEST	LA RINCONADA DR.	ZENA	010	R	AC/AC	88	\$154	SLURRY SEAL & CRACK SEALING
Treatment Total								\$380	
LA RINCONADA DRIVE EB	165FT W/O CLARA ST.	WINCHESTER BLVD.	LARINC	10	R	AC	100	\$247,755	RECONSTRUCT STRUCTURE (AC)
Treatment Total								\$247,755	
VINELAND AVENUE	KARL AVE.	WINCHESTER AVE	VINELD	020	R	AC	100	\$90,775	THIN AC OVERLAY(1.5 INCHES)
Treatment Total								\$90,775	
Year 2026 Total								\$551,654	
Grand Total								\$2,930,084	

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2022	\$310,000	7%	2024	\$310,000	7%	2026	\$310,000	7%
2023	\$310,000	7%	2025	\$310,000	7%			

Year: 2022

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment
											Current PCI	PCI Before	PCI After			
**GREENWOOD ROAD	SARATOGA RD	GREENWOOD LN	GREEN	010	1,216	22	26,752	R	AC		59	60	100	\$74,312	18,170	AC OVERLAY (2.0 INCHES)
**QUITO ROAD	CITY LIMITS	CITY LIMITS NORTH	QUITO	010	130	28	3,640	C	AC/AC		41	42	100	\$10,112	23,986	AC OVERLAY (2.0 INCHES)
Treatment Total												\$84,424				
ROBIN ANNE LANE	ROBIN ANNE LN	KARL AVE	ROBINLN	020	420	25	10,500	R	AC		63	64	100	\$21,000	23,573	ULTRATHIN AC OVERLAY (1.0 INCH)
VIA PINTO	VIA PALOMINO	END NORTH	VIAPNT	010	695	22	15,290	R	AC		68	69	100	\$30,580	21,096	ULTRATHIN AC OVERLAY (1.0 INCH)
Treatment Total												\$51,580				
**GREENWOOD ROAD	GREENWOOD LN	END SOUTH	GREEN	020	1,128	28	31,584	R	AC		42	43	100	\$105,280	17,790	MILL AND OVERLAY
**LA RINCONADA DRIVE EB	165FT W/O CLARA ST.	WINCHESTER BLVD.	LARINC	10	890	21	18,690	R	AC		33	34	100	\$62,300	18,385	MILL AND OVERLAY
Treatment Total												\$167,580				
BRUCE COURT	BRUCE AVE.	END NORTH	BRCT	010	125	30	3,750	R	AC		75	75	83	\$1,667	30,176	SLURRY SEAL
Treatment Total												\$1,667				
Year 2022 Area Total									110,206	Year 2022 Total			\$305,251			

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment
											Current PCI	PCI Before	PCI After			
**TWIN CREEKS ROAD	AQUINAS CRK BRIDGE	TAMSON CT	TWINCK	010	1,500	39	58,500	R	AC		61	60	71	\$56,908	12,404	CAPE SEAL
**TWIN CREEKS ROAD	TAMSON CT	VIA CABALLERO	TWINCK	020	1,150	36	41,400	R	AC		56	55	67	\$40,273	11,834	CAPE SEAL
Treatment Total												\$97,181				
**ALEXANDER AVENUE	BACHMAN CT	END NORTH	ALEX	010	235	28	6,580	R	AC		46	44	100	\$18,827	20,543	AC OVERLAY (2.0 INCHES)
BACHMAN AVENUE	CITY LIMIT EAST	END WEST	BACHMN	010	120	18	2,160	R	AC		43	41	100	\$6,428	20,114	AC OVERLAY (2.0 INCHES)
**CONSTITUTION AVENUE	DAVES AVE	END EAST	CONSTU	010	1,465	30	43,950	R	AC		47	46	100	\$125,746	20,413	AC OVERLAY (2.0 INCHES)
Treatment Total												\$151,001				

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year: 2023

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment	
											Current PCI	PCI Before	PCI After				
BLANCHARD DRIVE	WINCHESTER DR.	VINELAND AVE.	BLANCH	010	1,500	26	39,000	R	AC/AC		84	83	84	\$456	305,839	SLURRY SEAL & CRACK SEALING	
CARRIL COURT	DAVES AVE.	END EAST	CARRL	010	290	29	8,410	R	AC		75	73	76	\$186	164,996	SLURRY SEAL & CRACK SEALING	
DORADO LANE	DAVES AVE.	END NORTH	DORAD	010	415	36	14,940	R	AC/AC		84	83	84	\$174	281,250	SLURRY SEAL & CRACK SEALING	
GROSVENOR COURT	END WEST	WINCHESTER BLVD.	GROCT	010	485	36	17,460	R	AC/AC		84	83	84	\$203	281,250	SLURRY SEAL & CRACK SEALING	
KAVIN LANE	DAVES AVE	VINELAND AVE	KAVIN	020	1,210	30	36,300	R	AC/AC		85	83	85	\$389	235,018	SLURRY SEAL & CRACK SEALING	
PINE CONE COURT	VINELAND AVE.	END NORTH	PINECN	010	105	31	3,255	R	AC		84	82	84	\$45	186,114	SLURRY SEAL & CRACK SEALING	
POPPY LANE	DAVES AVE.	END SOUTH	POPPY	010	1,220	23	28,060	R	AC/AC		83	82	83	\$375	245,906	SLURRY SEAL & CRACK SEALING	
VIA DEL SUR	END SOUTH	EATON LN	VIADLS	010	755	30	22,650	R	AC/AC		86	85	86	\$174	415,215	SLURRY SEAL & CRACK SEALING	
											Treatment Total			\$2,002			
KIRKORIAN WAY	DAVES AVE.	END NORTH	KIRKOR	010	343	30	10,290	R	AC		69	68	100	\$21,198	20,852	ULTRATHIN AC OVERLAY (1.0 INCH)	
											Treatment Total			\$21,198			
**WEST ELLENWOOD AVENUE	ELLENWOOD AVE	END NORTH	WESTEL	010	345	27	9,315	R	AC		30	28	100	\$31,982	17,981	MILL AND OVERLAY	
											Treatment Total			\$31,982			
VINELAND COURT	END SOUTH	VINELAND AVE	VINECT	010	265	30	7,950	R	AC		82	80	88	\$3,640	27,308	SLURRY SEAL	
											Treatment Total			\$3,640			
Year 2023 Area Total									350,220	Year 2023 Total			\$307,004				

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment	
											Current PCI	PCI Before	PCI After				
**SAN BENITO WAY	143FT S/O VISTA AVE	VISTA AVE.	SANBWW	010	143	28	4,004	R	AC		51	47	62	\$0	0	CAPE SEAL	
											Treatment Total			\$0			
BRUCE AVENUE	POPPY LANE	WEST END	BRUCE	020	335	27	9,045	R	AC		48	44	100	\$27,722	19,213	AC OVERLAY (2.0 INCHES)	
											Treatment Total			\$27,722			

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year: 2024

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment		
											Current PCI	PCI Before	PCI After					
BARRY LANE	ROSE AVE.	END	BARRY	010	275	24	6,600	R	AC/AC		77	74	76	\$145	176,189	SLURRY SEAL & CRACK SEALING		
CREEKSIDE COURT	END WEST	WINCHESTER BLVD.	CREEK	010	400	36	14,400	R	AC/AC		78	75	77	\$306	225,866	SLURRY SEAL & CRACK SEALING		
ELM PARK COURT	ELM PARK	END EAST	ELMCT	010	170	20	3,400	R	AC/AC		87	84	85	\$34	313,501	SLURRY SEAL & CRACK SEALING		
ELM PARK	END SOUTH	BICKNELL RD.	ELMPS	010	1,444	29	41,876	R	AC/AC		88	85	87	\$310	411,773	SLURRY SEAL & CRACK SEALING		
EQUESTRIAN WAY	DAVES AVE.	END NORTH	EQUST	010	385	23	8,855	R	AC/AC		89	86	87	\$50	746,558	SLURRY SEAL & CRACK SEALING		
FRANCESCA COURT	ANDREWS ST.	END WEST	FRANC	010	200	24	4,800	R	AC/AC		89	87	88	\$23	635,059	SLURRY SEAL & CRACK SEALING		
GRANDVIEW AVENUE	SARATOGA RD.	END EAST	GRANVW	010	1,510	28	42,280	R	AC		78	75	77	\$908	165,027	SLURRY SEAL & CRACK SEALING		
MAYS AV	ANDREWS AVE.	END NORTH	MAYS	010	560	30	16,800	R	AC/AC		77	75	77	\$357	249,816	SLURRY SEAL & CRACK SEALING		
OAKHURST DRIVE	END SOUTH	RIDGECREST DR	OKHST	010	775	28	21,700	R	AC/AC		89	87	88	\$101	635,059	SLURRY SEAL & CRACK SEALING		
PALOS VERDES DRIVE	DAVES AVE.	VINELAND AVE.	PALSVD	010	1,170	34	39,780	R	AC/AC		89	86	87	\$222	746,558	SLURRY SEAL & CRACK SEALING		
PARKSIDE COURT	END WEST	WINCHESTER BLVD.	PARKCT	010	440	32	14,080	R	AC/AC		89	87	88	\$66	635,059	SLURRY SEAL & CRACK SEALING		
SERENA VISTA COURT	END SOUTH	SARATOGA LOS GATOS RD.	SERVST	010	160	24	3,840	R	AC/AC		88	85	87	\$29	411,773	SLURRY SEAL & CRACK SEALING		
VIA LOMITA	BICKNELL RD.	END SOUTH	VIALOM	010	1,120	30	33,600	R	AC/AC		87	84	85	\$332	313,501	SLURRY SEAL & CRACK SEALING		
VIA VAQUERO	DAVES AVE.	END NORTH	VIAVAQ	010	355	23	8,165	R	AC/AC		89	86	87	\$46	746,558	SLURRY SEAL & CRACK SEALING		
VIEWFIELD ROAD	SARATOGA RD	2ND BEND ON ROAD	VIEWFD	011	990	23	22,770	R	AC		79	76	78	\$468	168,121	SLURRY SEAL & CRACK SEALING		
VIEWFIELD ROAD	2ND BEWND ON ROAD	NORTH END	VIEWFD	020	700	23	16,100	R	AC		93	89	90	\$130	318,218	SLURRY SEAL & CRACK SEALING		
												Treatment Total		\$3,527				
DAVES AVENUE	300' W/O EQUESTRIAN WY	VIA CABALLERO	DAVEC	030	1,215	40	48,600	R	AC		69	66	100	\$103,120	21,089	ULTRATHIN AC OVERLAY (1.0 INCH)		
												Treatment Total		\$103,120				
WINCHESTER BOULEVARD	112FT S/O PLEASANT VIEW	VINELAND AVE	WINCHS	010	839	65	54,535	A	AC/AC		70	67	100	\$154,284	23,375	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS		
												Treatment Total		\$154,284				
BECK AVE	END WEST	HERNANDEZ LN	BECK	010	740	20	14,800	R	AC/AC		78	76	84	\$6,979	44,243	SLURRY SEAL		
KARL AVENUE	VINELAND AVE	ROBIN ANNE LANE	KARL	011	650	25	16,250	R	AC/AC		82	79	87	\$7,663	29,232	SLURRY SEAL		

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

											Treatment Total			\$14,642				
**BRUCE AVENUE	SAN BENITO WAY	POPPY LANE	BRUCE	011	890	27	24,030	R	AC		56	53	100	\$0	0	RECONSTRUCT STRUCTURE (AC)		
**VISTA AVENUE	SAN BENITO WAY	POPPY LANE	VISTA	010	800	24	19,200	R	AC		38	33	100	\$0	0	RECONSTRUCT STRUCTURE (AC)		
											Treatment Total			\$0				
Year 2024 Area Total											489,510		Year 2024 Total			\$303,295		

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment		
											Current PCI	PCI Before	PCI After					
ALMA JO COURT	TWIN CREEK RD	END	ALMACT	010	830	34	28,220	R	AC/AC		92	87	88	\$128	839,621	SLURRY SEAL & CRACK SEALING		
BANCROFT AVENUE	END EAST	RIDGECREST DR.	BANCFT	010	1,338	22	29,436	R	AC/AC		92	87	88	\$134	839,621	SLURRY SEAL & CRACK SEALING		
BANYAN LANE	CHADBOURNE LN	END	BANYN	010	400	24	9,600	R	AC/AC		92	87	88	\$44	839,621	SLURRY SEAL & CRACK SEALING		
CHADBOURNE LANE	TWINCREEKS RD.	END SOUTH	CHADBO	010	980	30	29,400	R	AC/AC		92	87	88	\$133	839,621	SLURRY SEAL & CRACK SEALING		
JANOR COURT	TWINCREEKS RD.	END NORTH	JANOR	010	180	21	3,780	R	AC/AC		92	87	88	\$18	839,621	SLURRY SEAL & CRACK SEALING		
LANCASTER ROAD	200' N/O 10 MPH ADVISORY	CITY LIMIT NORTH	LANCST	010	450	24	10,800	R	AC/AC		92	87	88	\$49	839,621	SLURRY SEAL & CRACK SEALING		
SEEBREE LANE	CONSTITUTION AVE	END	SEEBRE	010	310	25	7,750	R	AC/AC		92	87	88	\$36	839,621	SLURRY SEAL & CRACK SEALING		
TAMSON COURT	TWINCREEKS RD.	END SOUTH	TAMSON	010	230	21	4,830	R	AC/AC		92	87	88	\$22	839,621	SLURRY SEAL & CRACK SEALING		
											Treatment Total			\$564				
DAVES AVENUE	WINCHESTER BLVD.	POPPY LN.	DAVEA	010	1,384	36	49,824	R	AC		75	70	100	\$108,889	18,768	ULTRATHIN AC OVERLAY (1.0 INCH)		
DAVES AVENUE	POPPY LN.	300' W/O EQUESTRIAN WY	DAVEB	020	1,820	37	67,340	R	AC		68	64	100	\$147,169	21,703	ULTRATHIN AC OVERLAY (1.0 INCH)		
											Treatment Total			\$256,058				
DANIELLE PLACE	BICKNELL RD.	END SOUTH	DANPL	010	280	29	8,120	R	AC		72	67	100	\$23,662	15,239	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS		
											Treatment Total			\$23,662				
WINCHESTER BLVD SB	NAGPAL CT	VINELAND AVE	WINCSB	015	1,110	36	39,960	A	AC/AC		85	80	88	\$22,318	41,183	SLURRY SEAL		
											Treatment Total			\$22,318				
Year 2025 Area Total											289,060		Year 2025 Total			\$302,602		

** - Treatment from Project Selection

Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Current Budget (\$310K with 7% PM)

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Treatment			Cost	Rating	Treatment	
											Current PCI	PCI Before	PCI After				
EATON LANE	VIA DEL SUR	WINCHESTER BLVD	EATON	020	1,490	28	41,720	R	AC		50	41	100	\$135,652	18,365	AC OVERLAY (2.0 INCHES)	
VIA CABALLERO	TWIN CREEKS RD.	DAVES AVE	VIACA	010	910	40	36,400	R	AC		50	41	100	\$118,354	18,365	AC OVERLAY (2.0 INCHES)	
Treatment Total													\$254,006				
CLARA STREET	NATALYE ST.	LA RINCONADA RD.	CLARA	010	515	30	15,450	R	AC/AC		95	87	88	\$66	966,199	SLURRY SEAL & CRACK SEALING	
NATALYE ROAD	ZENA AVE.	LA RINCONADA DR.	NATALY	010	572	25	14,300	R	AC		94	86	87	\$160	381,112	SLURRY SEAL & CRACK SEALING	
ZENA AVENUE	END WEST	LA RINCONADA DR.	ZENA	010	1,460	24	35,040	R	AC/AC		95	87	88	\$154	911,208	SLURRY SEAL & CRACK SEALING	
Treatment Total													\$380				
HERNANDEZ AVENUE	CITY LIMIT SOUTH	BECK AVE	HERNDZ	010	775	25	19,375	R	AC		82	76	85	\$9,692	26,605	SLURRY SEAL	
KARL AVENUE	ROBIN ANNE LANE	EATON LANE	KARL	020	1,090	30	32,700	R	AC		83	77	85	\$16,358	26,586	SLURRY SEAL	
KARL AVENUE	EATON LN.	CITY LIMIT	KARL	030	857	24	20,568	R	AC		79	72	81	\$10,289	26,740	SLURRY SEAL	
ROSE AV	SARATOGA RD.	CITY LIMIT	ROSE	010	930	27	25,110	R	AC		78	71	80	\$12,561	26,664	SLURRY SEAL	
Treatment Total													\$48,900				
Year 2026 Area Total									240,663	Year 2026 Total		\$303,286					
Grand Total Section Area:									1,479,659	Grand Total		\$1,521,438					

** - Treatment from Project Selection

Target-Driven Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Maintaining PCI (72)

Objective: Minimum Network Average PCI

Target: Overall 72

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2022										
**GREENWOOD ROAD	SARATOGA RD	GREENWOOD LN	GREEN	010	R	AC	100	\$74,312	18,170	AC OVERLAY (2.0 INCHES)
**QUITO ROAD	CITY LIMITS	CITY LIMITS NORTH	QUITO	010	C	AC/AC	100	\$10,112	23,986	AC OVERLAY (2.0 INCHES)
Treatment Total								\$84,424		
**GREENWOOD ROAD	GREENWOOD LN	END SOUTH	GREEN	020	R	AC	100	\$105,280	17,790	MILL AND OVERLAY
**LA RINCONADA DRIVE EB	165FT W/O CLARA ST.	WINCHESTER BLVD.	LARINC	10	R	AC	100	\$62,300	18,385	MILL AND OVERLAY
Treatment Total								\$167,580		
Year 2022 Total								\$252,004		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2023										
**TWIN CREEKS ROAD	AQUINAS CRK BRIDGE	TAMSON CT	TWINCK	010	R	AC	71	\$56,908	12,404	CAPE SEAL
**TWIN CREEKS ROAD	TAMSON CT	VIA CABALLERO	TWINCK	020	R	AC	67	\$40,273	11,834	CAPE SEAL
Treatment Total								\$97,181		
**ALEXANDER AVENUE	BACHMAN CT	END NORTH	ALEX	010	R	AC	100	\$18,827	20,543	AC OVERLAY (2.0 INCHES)
**CONSTITUTION AVENUE	DAVES AVE	END EAST	CONSTU	010	R	AC	100	\$125,746	20,413	AC OVERLAY (2.0 INCHES)
Treatment Total								\$144,573		
**WEST ELLENWOOD AVENUE	ELLENWOOD AVE	END NORTH	WESTEL	010	R	AC	100	\$31,982	17,981	MILL AND OVERLAY
Treatment Total								\$31,982		
Year 2023 Total								\$273,736		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating Treatment
Year: 2024									
**SAN BENITO WAY	143FT S/O VISTA AVE	VISTA AVE.	SANBWY	010	R	AC	62	\$0	0 CAPE SEAL
Treatment Total								\$0	
**BRUCE AVENUE	SAN BENITO WAY	POPPY LANE	BRUCE	011	R	AC	100	\$0	0 RECONSTRUCT STRUCTURE (AC)
**VISTA AVENUE	SAN BENITO WAY	POPPY LANE	VISTA	010	R	AC	100	\$0	0 RECONSTRUCT STRUCTURE (AC)
Treatment Total								\$0	
Year 2024 Total								\$0	

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2026										
ALMA JO COURT	TWIN CREEK RD	END	ALMACT	010	R	AC/AC	87	\$225	516,556	SLURRY SEAL & CRACK SEALING
BANCROFT AVENUE	END EAST	RIDGECREST DR.	BANCFT	010	R	AC/AC	87	\$235	516,556	SLURRY SEAL & CRACK SEALING
BANYAN LANE	CHADBOURNE LN	END	BANYN	010	R	AC/AC	87	\$77	516,556	SLURRY SEAL & CRACK SEALING
BARRY LANE	ROSE AVE.	END	BARRY	010	R	AC/AC	74	\$165	160,815	SLURRY SEAL & CRACK SEALING
BLANCHARD DRIVE	WINCHESTER DR.	VINELAND AVE.	BLANCH	010	R	AC/AC	79	\$798	211,457	SLURRY SEAL & CRACK SEALING
CHADBOURNE LANE	TWINCREEKS RD.	END SOUTH	CHADBO	010	R	AC/AC	87	\$235	516,556	SLURRY SEAL & CRACK SEALING
CLARA STREET	NATALYE ST.	LA RINCONADA RD.	CLARA	010	R	AC/AC	88	\$66	966,199	SLURRY SEAL & CRACK SEALING
CREEKSIDE COURT	END WEST	WINCHESTER BLVD.	CREEK	010	R	AC/AC	75	\$353	202,525	SLURRY SEAL & CRACK SEALING
DORADO LANE	DAVES AVE.	END NORTH	DORAD	010	R	AC/AC	79	\$304	199,469	SLURRY SEAL & CRACK SEALING
ELM PARK COURT	ELM PARK	END EAST	ELMCT	010	R	AC/AC	82	\$56	227,923	SLURRY SEAL & CRACK SEALING
ELM PARK	END SOUTH	BICKNELL RD.	ELMPS	010	R	AC/AC	84	\$574	267,541	SLURRY SEAL & CRACK SEALING
EQUESTRIAN WAY	DAVES AVE.	END NORTH	EQUST	010	R	AC/AC	85	\$109	391,197	SLURRY SEAL & CRACK SEALING
FRANCESCA COURT	ANDREWS ST.	END WEST	FRANC	010	R	AC/AC	85	\$53	329,580	SLURRY SEAL & CRACK SEALING
GRANDVIEW AVENUE	SARATOGA RD.	END EAST	GRANVW	010	R	AC	74	\$1,090	144,083	SLURRY SEAL & CRACK SEALING
GROSVENOR COURT	END WEST	WINCHESTER BLVD.	GROCT	010	R	AC/AC	79	\$355	199,469	SLURRY SEAL & CRACK SEALING
JANOR COURT	TWINCREEKS RD.	END NORTH	JANOR	010	R	AC/AC	87	\$31	516,556	SLURRY SEAL & CRACK SEALING
KAVIN LANE	DAVES AVE	VINELAND AVE	KAVIN	020	R	AC/AC	81	\$661	181,277	SLURRY SEAL & CRACK SEALING
LANCASTER ROAD	200' N/O 10 MPH ADVISORY	CITY LIMIT NORTH	LANCST	010	R	AC/AC	87	\$87	516,556	SLURRY SEAL & CRACK SEALING
MAYS AV	ANDREWS AVE.	END NORTH	MAYS	010	R	AC/AC	75	\$404	223,541	SLURRY SEAL & CRACK SEALING
NATALYE ROAD	ZENA AVE.	LA RINCONADA DR.	NATALY	010	R	AC	87	\$160	381,112	SLURRY SEAL & CRACK SEALING
OAKHURST DRIVE	END SOUTH	RIDGECREST DR	OKHST	010	R	AC/AC	85	\$236	329,580	SLURRY SEAL & CRACK SEALING
PALOS VERDES DRIVE	DAVES AVE.	VINELAND AVE.	PALSVD	010	R	AC/AC	85	\$486	391,197	SLURRY SEAL & CRACK SEALING

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
PARKSIDE COURT	END WEST	WINCHESTER BLVD.	PARKCT	010	R	AC/AC	85	\$153	329,580	SLURRY SEAL & CRACK SEALING
PINE CONE COURT	VINELAND AVE.	END NORTH	PINECN	010	R	AC	80	\$65	163,609	SLURRY SEAL & CRACK SEALING
POPPY LANE	DAVES AVE.	END SOUTH	POPPY	010	R	AC/AC	78	\$611	184,836	SLURRY SEAL & CRACK SEALING
SEEBREE LANE	CONSTITUTION AVE	END	SEEBRE	010	R	AC/AC	87	\$62	516,556	SLURRY SEAL & CRACK SEALING
SERENA VISTA COURT	END SOUTH	SARATOGA LOS GATOS RD.	SERVST	010	R	AC/AC	84	\$53	267,541	SLURRY SEAL & CRACK SEALING
TAMSON COURT	TWINCREEKS RD.	END SOUTH	TAMSON	010	R	AC/AC	87	\$39	516,556	SLURRY SEAL & CRACK SEALING
VIA DEL SUR	END SOUTH	EATON LN	VIADLS	010	R	AC/AC	82	\$376	243,321	SLURRY SEAL & CRACK SEALING
VIA LOMITA	BICKNELL RD.	END SOUTH	VIALOM	010	R	AC/AC	82	\$544	227,923	SLURRY SEAL & CRACK SEALING
VIA VAQUERO	DAVES AVE.	END NORTH	VIAVAQ	010	R	AC/AC	85	\$100	391,197	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	SARATOGA RD	2ND BEND ON ROAD	VIEWFD	011	R	AC	75	\$566	147,117	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	2ND BEWND ON ROAD	NORTH END	VIEWFD	020	R	AC	87	\$191	279,330	SLURRY SEAL & CRACK SEALING
ZENA AVENUE	END WEST	LA RINCONADA DR.	ZENA	010	R	AC/AC	88	\$154	911,208	SLURRY SEAL & CRACK SEALING

Treatment Total

\$9,674

ANDREWS STREET	ROSE AVE.	CITY LIMIT	ANDREW	010	R	AC	86	\$9,560	25,952	SLURRY SEAL
BECK AVE	END WEST	HERNANDEZ LN	BECK	010	R	AC/AC	82	\$7,404	40,579	SLURRY SEAL
HERNANDEZ AVENUE	CITY LIMIT SOUTH	BECK AVE	HERNDZ	010	R	AC	85	\$9,692	26,605	SLURRY SEAL
KARL AVENUE	VINELAND AVE	ROBIN ANNE LANE	KARL	011	R	AC/AC	84	\$8,129	28,563	SLURRY SEAL
KARL AVENUE	ROBIN ANNE LANE	EATON LANE	KARL	020	R	AC	85	\$16,358	26,586	SLURRY SEAL
KARL AVENUE	EATON LN.	CITY LIMIT	KARL	030	R	AC	81	\$10,289	26,740	SLURRY SEAL
ROSE AV	SARATOGA RD.	CITY LIMIT	ROSE	010	R	AC	80	\$12,561	26,664	SLURRY SEAL
VINELAND COURT	END SOUTH	VINELAND AVE	VINECT	010	R	AC	84	\$3,977	26,734	SLURRY SEAL
WINCHESTER BLVD SB	NAGPAL CT	VINELAND AVE	WINCSB	015	A	AC/AC	86	\$22,988	41,553	SLURRY SEAL

Treatment Total

\$100,958

Year 2026 Total

\$110,632

Grand Total \$636,372

Target-Driven Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 75

Objective: Minimum Network Average PCI

Target: By Year

Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	73.5	Year 3	74
Year 5	75			Year 4	74.5

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2022										
**GREENWOOD ROAD	SARATOGA RD	GREENWOOD LN	GREEN	010	R	AC	100	\$74,312	18,170	AC OVERLAY (2.0 INCHES)
**QUITO ROAD	CITY LIMITS	CITY LIMITS NORTH	QUITO	010	C	AC/AC	100	\$10,112	23,986	AC OVERLAY (2.0 INCHES)
								Treatment Total	\$84,424	
**GREENWOOD ROAD	GREENWOOD LN	END SOUTH	GREEN	020	R	AC	100	\$105,280	17,790	MILL AND OVERLAY
**LA RINCONADA DRIVE EB	165FT W/O CLARA ST.	WINCHESTER BLVD.	LARINC	10	R	AC	100	\$62,300	18,385	MILL AND OVERLAY
								Treatment Total	\$167,580	
								Year 2022 Total	\$252,004	

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2023										
**TWIN CREEKS ROAD	AQUINAS CRK BRIDGE	TAMSON CT	TWINCK	010	R	AC	71	\$56,908	12,404	CAPE SEAL
**TWIN CREEKS ROAD	TAMSON CT	VIA CABALLERO	TWINCK	020	R	AC	67	\$40,273	11,834	CAPE SEAL
Treatment Total								\$97,181		
**ALEXANDER AVENUE	BACHMAN CT	END NORTH	ALEX	010	R	AC	100	\$18,827	20,543	AC OVERLAY (2.0 INCHES)
**CONSTITUTION AVENUE	DAVES AVE	END EAST	CONSTU	010	R	AC	100	\$125,746	20,413	AC OVERLAY (2.0 INCHES)
Treatment Total								\$144,573		
**WEST ELLENWOOD AVENUE	ELLENWOOD AVE	END NORTH	WESTEL	010	R	AC	100	\$31,982	17,981	MILL AND OVERLAY
Treatment Total								\$31,982		
Year 2023 Total								\$273,736		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating Treatment
Year: 2024									
**SAN BENITO WAY	143FT S/O VISTA AVE	VISTA AVE.	SANBWY	010	R	AC	62	\$0	0 CAPE SEAL
Treatment Total								\$0	
**BRUCE AVENUE	SAN BENITO WAY	POPPY LANE	BRUCE	011	R	AC	100	\$0	0 RECONSTRUCT STRUCTURE (AC)
**VISTA AVENUE	SAN BENITO WAY	POPPY LANE	VISTA	010	R	AC	100	\$0	0 RECONSTRUCT STRUCTURE (AC)
Treatment Total								\$0	
Year 2024 Total								\$0	

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2025										
ALMA JO COURT	TWIN CREEK RD	END	ALMACT	010	R	AC/AC	88	\$128	839,621	SLURRY SEAL & CRACK SEALING
BANCROFT AVENUE	END EAST	RIDGECREST DR.	BANCFT	010	R	AC/AC	88	\$134	839,621	SLURRY SEAL & CRACK SEALING
BANYAN LANE	CHADBOURNE LN	END	BANYN	010	R	AC/AC	88	\$44	839,621	SLURRY SEAL & CRACK SEALING
BARRY LANE	ROSE AVE.	END	BARRY	010	R	AC/AC	75	\$156	168,230	SLURRY SEAL & CRACK SEALING
BLANCHARD DRIVE	WINCHESTER DR.	VINELAND AVE.	BLANCH	010	R	AC/AC	81	\$696	231,048	SLURRY SEAL & CRACK SEALING
CHADBOURNE LANE	TWINCREEKS RD.	END SOUTH	CHADBO	010	R	AC/AC	88	\$133	839,621	SLURRY SEAL & CRACK SEALING
CREEKSIDE COURT	END WEST	WINCHESTER BLVD.	CREEK	010	R	AC/AC	76	\$330	213,604	SLURRY SEAL & CRACK SEALING
DORADO LANE	DAVES AVE.	END NORTH	DORAD	010	R	AC/AC	81	\$265	216,194	SLURRY SEAL & CRACK SEALING
ELM PARK COURT	ELM PARK	END EAST	ELMCT	010	R	AC/AC	84	\$45	258,602	SLURRY SEAL & CRACK SEALING
ELM PARK	END SOUTH	BICKNELL RD.	ELMPS	010	R	AC/AC	85	\$447	316,126	SLURRY SEAL & CRACK SEALING
EQUESTRIAN WAY	DAVES AVE.	END NORTH	EQUST	010	R	AC/AC	86	\$80	497,030	SLURRY SEAL & CRACK SEALING
FRANCESCA COURT	ANDREWS ST.	END WEST	FRANC	010	R	AC/AC	86	\$38	416,692	SLURRY SEAL & CRACK SEALING
GRANDVIEW AVENUE	SARATOGA RD.	END EAST	GRANVW	010	R	AC	76	\$998	154,556	SLURRY SEAL & CRACK SEALING
GROSVENOR COURT	END WEST	WINCHESTER BLVD.	GROCT	010	R	AC/AC	81	\$309	216,194	SLURRY SEAL & CRACK SEALING
JANOR COURT	TWINCREEKS RD.	END NORTH	JANOR	010	R	AC/AC	88	\$18	839,621	SLURRY SEAL & CRACK SEALING
KAVIN LANE	DAVES AVE	VINELAND AVE	KAVIN	020	R	AC/AC	82	\$575	193,711	SLURRY SEAL & CRACK SEALING
LANCASTER ROAD	200' N/O 10 MPH ADVISORY	CITY LIMIT NORTH	LANCST	010	R	AC/AC	88	\$49	839,621	SLURRY SEAL & CRACK SEALING
MAYS AV	ANDREWS AVE.	END NORTH	MAYS	010	R	AC/AC	76	\$381	236,213	SLURRY SEAL & CRACK SEALING
OAKHURST DRIVE	END SOUTH	RIDGECREST DR	OKHST	010	R	AC/AC	86	\$171	416,692	SLURRY SEAL & CRACK SEALING
PALOS VERDES DRIVE	DAVES AVE.	VINELAND AVE.	PALSVD	010	R	AC/AC	86	\$360	497,030	SLURRY SEAL & CRACK SEALING
PARKSIDE COURT	END WEST	WINCHESTER BLVD.	PARKCT	010	R	AC/AC	86	\$111	416,692	SLURRY SEAL & CRACK SEALING
PINE CONE COURT	VINELAND AVE.	END NORTH	PINECN	010	R	AC	81	\$58	172,359	SLURRY SEAL & CRACK SEALING

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
POPPY LANE	DAVES AVE.	END SOUTH	POPPY	010	R	AC/AC	80	\$541	198,421	SLURRY SEAL & CRACK SEALING
SEEBREE LANE	CONSTITUTION AVE	END	SEEBRE	010	R	AC/AC	88	\$36	839,621	SLURRY SEAL & CRACK SEALING
SERENA VISTA COURT	END SOUTH	SARATOGA LOS GATOS RD.	SERVST	010	R	AC/AC	85	\$41	316,126	SLURRY SEAL & CRACK SEALING
TAMSON COURT	TWINCREEKS RD.	END SOUTH	TAMSON	010	R	AC/AC	88	\$22	839,621	SLURRY SEAL & CRACK SEALING
VIA DEL SUR	END SOUTH	EATON LN	VIADLS	010	R	AC/AC	84	\$313	273,421	SLURRY SEAL & CRACK SEALING
VIA LOMITA	BICKNELL RD.	END SOUTH	VIALOM	010	R	AC/AC	84	\$443	258,602	SLURRY SEAL & CRACK SEALING
VIA VAQUERO	DAVES AVE.	END NORTH	VIAVAQ	010	R	AC/AC	86	\$74	497,030	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	SARATOGA RD	2ND BEND ON ROAD	VIEWFD	011	R	AC	76	\$516	157,634	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	2ND BEWND ON ROAD	NORTH END	VIEWFD	020	R	AC	88	\$160	298,438	SLURRY SEAL & CRACK SEALING
Treatment Total								\$7,672		
WINCHESTER BOULEVARD	112FT S/O PLEASANT VIEW	VINELAND AVE	WINCHS	010	A	AC/AC	100	\$158,912	23,882	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
Treatment Total								\$158,912		
ANDREWS STREET	ROSE AVE.	CITY LIMIT	ANDREW	010	R	AC	88	\$9,281	25,870	SLURRY SEAL
BECK AVE	END WEST	HERNANDEZ LN	BECK	010	R	AC/AC	83	\$7,188	42,411	SLURRY SEAL
HERNANDEZ AVENUE	CITY LIMIT SOUTH	BECK AVE	HERNDZ	010	R	AC	86	\$9,410	27,003	SLURRY SEAL
KARL AVENUE	VINELAND AVE	ROBIN ANNE LANE	KARL	011	R	AC/AC	86	\$7,892	29,020	SLURRY SEAL
KARL AVENUE	ROBIN ANNE LANE	EATON LANE	KARL	020	R	AC	86	\$15,881	26,894	SLURRY SEAL
KARL AVENUE	EATON LN.	CITY LIMIT	KARL	030	R	AC	83	\$9,989	27,616	SLURRY SEAL
ROSE AV	SARATOGA RD.	CITY LIMIT	ROSE	010	R	AC	82	\$12,195	27,612	SLURRY SEAL
VINELAND COURT	END SOUTH	VINELAND AVE	VINECT	010	R	AC	85	\$3,861	27,229	SLURRY SEAL
WINCHESTER BLVD SB	NAGPAL CT	VINELAND AVE	WINCSB	015	A	AC/AC	88	\$22,318	41,183	SLURRY SEAL
Treatment Total								\$98,015		
Year 2025 Total								\$264,599		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2026										
CLARA STREET	NATALYE ST.	LA RINCONADA RD.	CLARA	010	R	AC/AC	88	\$66	966,199	SLURRY SEAL & CRACK SEALING
NATALYE ROAD	ZENA AVE.	LA RINCONADA DR.	NATALY	010	R	AC	87	\$160	381,112	SLURRY SEAL & CRACK SEALING
ZENA AVENUE	END WEST	LA RINCONADA DR.	ZENA	010	R	AC/AC	88	\$154	911,208	SLURRY SEAL & CRACK SEALING
								Treatment Total	\$380	
DAVES AVENUE	POPPY LN.	300' W/O EQUESTRIAN WY	DAVEB	020	R	AC	100	\$151,584	21,778	ULTRATHIN AC OVERLAY (1.0 INCH)
DAVES AVENUE	300' W/O EQUESTRIAN WY	VIA CABALLERO	DAVEC	030	R	AC	100	\$109,400	21,368	ULTRATHIN AC OVERLAY (1.0 INCH)
KIRKORIAN WAY	DAVES AVE.	END NORTH	KIRKOR	010	R	AC	100	\$23,163	21,368	ULTRATHIN AC OVERLAY (1.0 INCH)
VIA PINTO	VIA PALOMINO	END NORTH	VIAPNT	010	R	AC	100	\$34,419	21,778	ULTRATHIN AC OVERLAY (1.0 INCH)
								Treatment Total	\$318,566	
								Year 2026 Total	\$318,946	

Grand Total \$1,109,285

Target-Driven Scenarios - Sections Selected for Treatment

Interest: 2.00%

Inflation: 3.00%

Printed: 3/24/2022

Scenario: PTAP22 Increasing PCI to 77

Objective: Minimum Network Average PCI

Target: By Year

Year	Value	Year	Value	Year	Value
Year 1	73	Year 2	74	Year 3	75
Year 5	77			Year 4	76

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2022										
**GREENWOOD ROAD	SARATOGA RD	GREENWOOD LN	GREEN	010	R	AC	100	\$74,312	18,170	AC OVERLAY (2.0 INCHES)
**QUITO ROAD	CITY LIMITS	CITY LIMITS NORTH	QUITO	010	C	AC/AC	100	\$10,112	23,986	AC OVERLAY (2.0 INCHES)
Treatment Total								\$84,424		
**GREENWOOD ROAD	GREENWOOD LN	END SOUTH	GREEN	020	R	AC	100	\$105,280	17,790	MILL AND OVERLAY
**LA RINCONADA DRIVE EB	165FT W/O CLARA ST.	WINCHESTER BLVD.	LARINC	10	R	AC	100	\$62,300	18,385	MILL AND OVERLAY
Treatment Total								\$167,580		
Year 2022 Total								\$252,004		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2023										
**TWIN CREEKS ROAD	AQUINAS CRK BRIDGE	TAMSON CT	TWINCK	010	R	AC	71	\$56,908	12,404	CAPE SEAL
**TWIN CREEKS ROAD	TAMSON CT	VIA CABALLERO	TWINCK	020	R	AC	67	\$40,273	11,834	CAPE SEAL
								Treatment Total	\$97,181	
**ALEXANDER AVENUE	BACHMAN CT	END NORTH	ALEX	010	R	AC	100	\$18,827	20,543	AC OVERLAY (2.0 INCHES)
**CONSTITUTION AVENUE	DAVES AVE	END EAST	CONSTU	010	R	AC	100	\$125,746	20,413	AC OVERLAY (2.0 INCHES)
								Treatment Total	\$144,573	
**WEST ELLENWOOD AVENUE	ELLENWOOD AVE	END NORTH	WESTEL	010	R	AC	100	\$31,982	17,981	MILL AND OVERLAY
								Treatment Total	\$31,982	
								Year 2023 Total	\$273,736	

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
**SAN BENITO WAY	143FT S/O VISTA AVE	VISTA AVE.	SANBKY	010	R	AC	62	\$0	0	CAPE SEAL
Treatment Total								\$0		
BARRY LANE	ROSE AVE.	END	BARRY	010	R	AC/AC	76	\$145	176,189	SLURRY SEAL & CRACK SEALING
BLANCHARD DRIVE	WINCHESTER DR.	VINELAND AVE.	BLANCH	010	R	AC/AC	83	\$583	259,243	SLURRY SEAL & CRACK SEALING
CARRIL COURT	DAVES AVE.	END EAST	CARRL	010	R	AC	74	\$203	153,842	SLURRY SEAL & CRACK SEALING
CREEKSIDE COURT	END WEST	WINCHESTER BLVD.	CREEK	010	R	AC/AC	77	\$306	225,866	SLURRY SEAL & CRACK SEALING
DORADO LANE	DAVES AVE.	END NORTH	DORAD	010	R	AC/AC	83	\$222	240,578	SLURRY SEAL & CRACK SEALING
ELM PARK COURT	ELM PARK	END EAST	ELMCT	010	R	AC/AC	85	\$34	313,501	SLURRY SEAL & CRACK SEALING
ELM PARK	END SOUTH	BICKNELL RD.	ELMPS	010	R	AC/AC	87	\$310	411,773	SLURRY SEAL & CRACK SEALING
EQUESTRIAN WAY	DAVES AVE.	END NORTH	EQUST	010	R	AC/AC	87	\$50	746,558	SLURRY SEAL & CRACK SEALING
FRANCESCA COURT	ANDREWS ST.	END WEST	FRANC	010	R	AC/AC	88	\$23	635,059	SLURRY SEAL & CRACK SEALING
GRANDVIEW AVENUE	SARATOGA RD.	END EAST	GRANVW	010	R	AC	77	\$908	165,027	SLURRY SEAL & CRACK SEALING
GROSVENOR COURT	END WEST	WINCHESTER BLVD.	GROCT	010	R	AC/AC	83	\$259	240,578	SLURRY SEAL & CRACK SEALING
KAVIN LANE	DAVES AVE	VINELAND AVE	KAVIN	020	R	AC/AC	84	\$484	210,057	SLURRY SEAL & CRACK SEALING
MAYS AV	ANDREWS AVE.	END NORTH	MAYS	010	R	AC/AC	77	\$357	249,816	SLURRY SEAL & CRACK SEALING
OAKHURST DRIVE	END SOUTH	RIDGECREST DR	OKHST	010	R	AC/AC	88	\$101	635,059	SLURRY SEAL & CRACK SEALING
PALOS VERDES DRIVE	DAVES AVE.	VINELAND AVE.	PALSVD	010	R	AC/AC	87	\$222	746,558	SLURRY SEAL & CRACK SEALING
PARKSIDE COURT	END WEST	WINCHESTER BLVD.	PARKCT	010	R	AC/AC	88	\$66	635,059	SLURRY SEAL & CRACK SEALING
PINE CONE COURT	VINELAND AVE.	END NORTH	PINECN	010	R	AC	82	\$52	180,087	SLURRY SEAL & CRACK SEALING
POPPY LANE	DAVES AVE.	END SOUTH	POPPY	010	R	AC/AC	82	\$463	217,015	SLURRY SEAL & CRACK SEALING
SERENA VISTA COURT	END SOUTH	SARATOGA LOS GATOS RD.	SERVST	010	R	AC/AC	87	\$29	411,773	SLURRY SEAL & CRACK SEALING
VIA DEL SUR	END SOUTH	EATON LN	VIADLS	010	R	AC/AC	85	\$246	321,920	SLURRY SEAL & CRACK SEALING

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
VIA LOMITA	BICKNELL RD.	END SOUTH	VIALOM	010	R	AC/AC	85	\$332	313,501	SLURRY SEAL & CRACK SEALING
VIA VAQUERO	DAVES AVE.	END NORTH	VIAVAQ	010	R	AC/AC	87	\$46	746,558	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	SARATOGA RD	2ND BEND ON ROAD	VIEWFD	011	R	AC	78	\$468	168,121	SLURRY SEAL & CRACK SEALING
VIEWFIELD ROAD	2ND BEWND ON ROAD	NORTH END	VIEWFD	020	R	AC	90	\$130	318,218	SLURRY SEAL & CRACK SEALING
Treatment Total								\$6,039		
BECK AVE	END WEST	HERNANDEZ LN	BECK	010	R	AC/AC	84	\$6,979	44,243	SLURRY SEAL
KARL AVENUE	VINELAND AVE	ROBIN ANNE LANE	KARL	011	R	AC/AC	87	\$7,663	29,232	SLURRY SEAL
WINCHESTER BLVD SB	NAGPAL CT	VINELAND AVE	WINCSB	015	A	AC/AC	89	\$21,668	40,017	SLURRY SEAL
Treatment Total								\$36,310		
**BRUCE AVENUE	SAN BENITO WAY	POPPY LANE	BRUCE	011	R	AC	100	\$0	0	RECONSTRUCT STRUCTURE (AC)
**VISTA AVENUE	SAN BENITO WAY	POPPY LANE	VISTA	010	R	AC	100	\$0	0	RECONSTRUCT STRUCTURE (AC)
Treatment Total								\$0		
Year 2024 Total								\$42,349		

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2025										
ALMA JO COURT	TWIN CREEK RD	END	ALMACT	010	R	AC/AC	88	\$128	839,621	SLURRY SEAL & CRACK SEALING
BANCROFT AVENUE	END EAST	RIDGECREST DR.	BANCFT	010	R	AC/AC	88	\$134	839,621	SLURRY SEAL & CRACK SEALING
BANYAN LANE	CHADBOURNE LN	END	BANYN	010	R	AC/AC	88	\$44	839,621	SLURRY SEAL & CRACK SEALING
CHADBOURNE LANE	TWINCREEKS RD.	END SOUTH	CHADBO	010	R	AC/AC	88	\$133	839,621	SLURRY SEAL & CRACK SEALING
JANOR COURT	TWINCREEKS RD.	END NORTH	JANOR	010	R	AC/AC	88	\$18	839,621	SLURRY SEAL & CRACK SEALING
LANCASTER ROAD	200' N/O 10 MPH ADVISORY	CITY LIMIT NORTH	LANCST	010	R	AC/AC	88	\$49	839,621	SLURRY SEAL & CRACK SEALING
SEEBREE LANE	CONSTITUTION AVE	END	SEEBRE	010	R	AC/AC	88	\$36	839,621	SLURRY SEAL & CRACK SEALING
TAMSON COURT	TWINCREEKS RD.	END SOUTH	TAMSON	010	R	AC/AC	88	\$22	839,621	SLURRY SEAL & CRACK SEALING
								Treatment Total	\$564	
DAVES AVENUE	POPPY LN.	300' W/O EQUESTRIAN WY	DAVEB	020	R	AC	100	\$147,169	21,703	ULTRATHIN AC OVERLAY (1.0 INCH)
VIA PINTO	VIA PALOMINO	END NORTH	VIAPNT	010	R	AC	100	\$33,416	21,703	ULTRATHIN AC OVERLAY (1.0 INCH)
								Treatment Total	\$180,585	
WINCHESTER BOULEVARD	112FT S/O PLEASANT VIEW	VINELAND AVE	WINCHS	010	A	AC/AC	100	\$158,912	23,882	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS
								Treatment Total	\$158,912	
ANDREWS STREET	ROSE AVE.	CITY LIMIT	ANDREW	010	R	AC	88	\$9,281	25,870	SLURRY SEAL
HERNANDEZ AVENUE	CITY LIMIT SOUTH	BECK AVE	HERNDZ	010	R	AC	86	\$9,410	27,003	SLURRY SEAL
KARL AVENUE	ROBIN ANNE LANE	EATON LANE	KARL	020	R	AC	86	\$15,881	26,894	SLURRY SEAL
KARL AVENUE	EATON LN.	CITY LIMIT	KARL	030	R	AC	83	\$9,989	27,616	SLURRY SEAL
ROSE AV	SARATOGA RD.	CITY LIMIT	ROSE	010	R	AC	82	\$12,195	27,612	SLURRY SEAL
VINELAND COURT	END SOUTH	VINELAND AVE	VINECT	010	R	AC	85	\$3,861	27,229	SLURRY SEAL
								Treatment Total	\$60,617	
								Year 2025 Total	\$400,678	

Street Name	Begin Location	End Location	Street ID	Section ID	FC	Surface	PCI	Cost	Rating	Treatment
Year: 2026										
VIA CABALLERO	TWIN CREEKS RD.	DAVES AVE	VIACA	010	R	AC	100	\$118,354	18,365	AC OVERLAY (2.0 INCHES)
								Treatment Total	\$118,354	
CLARA STREET	NATALYE ST.	LA RINCONADA RD.	CLARA	010	R	AC/AC	88	\$66	966,199	SLURRY SEAL & CRACK SEALING
NATALYE ROAD	ZENA AVE.	LA RINCONADA DR.	NATALY	010	R	AC	87	\$160	381,112	SLURRY SEAL & CRACK SEALING
ZENA AVENUE	END WEST	LA RINCONADA DR.	ZENA	010	R	AC/AC	88	\$154	911,208	SLURRY SEAL & CRACK SEALING
								Treatment Total	\$380	
BRUCE COURT	BRUCE AVE.	END NORTH	BRCT	010	R	AC	100	\$8,442	19,050	ULTRATHIN AC OVERLAY (1.0 INCH)
DAVES AVENUE	WINCHESTER BLVD.	POPPY LN.	DAVEA	010	R	AC	100	\$112,155	19,050	ULTRATHIN AC OVERLAY (1.0 INCH)
DAVES AVENUE	300' W/O EQUESTRIAN WY	VIA CABALLERO	DAVEC	030	R	AC	100	\$109,400	21,368	ULTRATHIN AC OVERLAY (1.0 INCH)
KIRKORIAN WAY	DAVES AVE.	END NORTH	KIRKOR	010	R	AC	100	\$23,163	21,368	ULTRATHIN AC OVERLAY (1.0 INCH)
								Treatment Total	\$253,160	
								Year 2026 Total	\$371,894	

Grand Total \$1,340,661

Appendix E: Decision Tree

Decision Tree

Printed: 3/13/2022

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	SLURRY SEAL & CRACK SEALING	\$5.20	5			
			Surface Treatment	MICROSURFACING	\$3.00		6		
			Restoration Treatment	THICK AC OVERLAY(2.5 INCHES)	\$32.00				3
		II - Good, Non-Load Related		CAPE SEAL	\$8.15			6	
		III - Good, Load Related		THIN AC OVERLAY(1.5 INCHES)	\$21.00				
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$32.00				
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$124.00				
	AC/AC	I - Very Good	Crack Treatment	SLURRY SEAL & CRACK SEALING	\$5.20	5			
			Surface Treatment	SLURRY SEAL	\$4.60		10		
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00				3
		II - Good, Non-Load Related		ULTRATHIN AC OVERLAY (1.0 INCH)	\$18.00				
		III - Good, Load Related		THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS	\$24.00				
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$32.00				
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$124.00				
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.40	3			
			Surface Treatment	MICROSURFACING	\$2.30		6		
			Restoration Treatment	SCRUB SEAL /w MICROSURFACING	\$5.99				3
		II - Good, Non-Load Related		MICROSURFACING	\$3.16				
		III - Good, Load Related		MILL AND THIN OVERLAY	\$13.50				
		IV - Poor		MILL AND THICK OVERLAY	\$27.00				
		V - Very Poor		RECONSTRUCT SURFACE (AC)	\$60.00				

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

Arterial	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3	
			Surface Treatment	DO NOTHING	\$0.00		15
			Restoration Treatment	DO NOTHING	\$0.00		99
		II - Good, Non-Load Related		DO NOTHING	\$1.11		
		III - Good, Load Related		DO NOTHING	\$1.51		
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$32.00		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$124.00		
	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9	
			Surface Treatment	DO NOTHING	\$0.00		15
			Restoration Treatment	DO NOTHING	\$0.00		99
		II - Good, Non-Load Related		SINGLE CHIP SEAL	\$1.11		
		III - Good, Load Related		SINGLE CHIP SEAL	\$1.51		
		IV - Poor		SINGLE CHIP SEAL	\$1.92		
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$32.00		

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

Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.40	3		
			Surface Treatment	CAPE SEAL	\$8.15		6	
			Restoration Treatment	THICK AC OVERLAY(2.5 INCHES)	\$29.00		3	
		II - Good, Non-Load Related	Surface Treatment	CAPE SEAL	\$8.15		6	
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00			
III - Good, Load Related			Surface Treatment	AC OVERLAY (2.0 INCHES)	\$26.00			
			Restoration Treatment	RECONSTRUCT STRUCTURE (AC)	\$124.00			
			IV - Poor	Crack Treatment	SLURRY SEAL & CRACK SEALING	\$5.20	5	
				Surface Treatment	SLURRY SEAL	\$4.60		10
				Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00		3
V - Very Poor			Restoration Treatment	ULTRATHIN AC OVERLAY (1.0 INCH)	\$18.00			
			Surface Treatment	THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS	\$24.00			
			Restoration Treatment	AC OVERLAY (2.0 INCHES)	\$26.00			
			Surface Treatment	RECONSTRUCT STRUCTURE (AC)	\$124.00			
			Restoration Treatment	RECONSTRUCT STRUCTURE (AC)	\$124.00			
AC/AC	I - Very Good		Crack Treatment	SEAL CRACKS	\$1.40	3		
			Surface Treatment	MICROSURFACING	\$2.30		6	
			Restoration Treatment	SCRUB SEAL /w MICROSURFACING	\$5.99		3	
			II - Good, Non-Load Related	Surface Treatment	MICROSURFACING	\$3.16		
			III - Good, Load Related	Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00		
IV - Poor			Restoration Treatment	THICK AC OVERLAY(2.5 INCHES)	\$29.00			
			Surface Treatment	RECONSTRUCT STRUCTURE (AC)	\$124.00			
			V - Very Poor	Crack Treatment	DO NOTHING	\$0.00	9	
				Surface Treatment	DO NOTHING	\$0.00		15
				Restoration Treatment	DO NOTHING	\$0.00		99
V - Very Poor			Restoration Treatment	DO NOTHING	\$1.11			
			Surface Treatment	DO NOTHING	\$1.51			
			Restoration Treatment	THICK AC OVERLAY(2.5 INCHES)	\$29.00			
			Surface Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00			
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00			

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

Collector	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9	
			Surface Treatment	DO NOTHING	\$0.00		15
			Restoration Treatment	DO NOTHING	\$0.00		99
		II - Good, Non-Load Related		SINGLE CHIP SEAL	\$1.11		
		III - Good, Load Related		SINGLE CHIP SEAL	\$1.51		
		IV - Poor		SINGLE CHIP SEAL	\$1.92		
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00		

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

Residential/Local	AC	I - Very Good	Crack Treatment	SLURRY SEAL & CRACK SEALING	\$4.90	5		
			Surface Treatment	SLURRY SEAL	\$4.00		10	
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00			3
		II - Good, Non-Load Related		ULTRATHIN AC OVERLAY (1.0 INCH)	\$18.00			
		III - Good, Load Related		THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS	\$24.00			
		IV - Poor		AC OVERLAY (2.0 INCHES)	\$26.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$106.00			
	AC/AC	I - Very Good	Crack Treatment	SLURRY SEAL & CRACK SEALING	\$4.90	5		
			Surface Treatment	SLURRY SEAL	\$4.00		10	
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00			3
		II - Good, Non-Load Related		ULTRATHIN AC OVERLAY (1.0 INCH)	\$18.00			
		III - Good, Load Related		THIN AC OVERLAY (1.5 INCHES) w/DIGOUTS	\$24.00			
		IV - Poor		AC OVERLAY (2.0 INCHES)	\$26.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$106.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.40	3		
			Surface Treatment	MICROSURFACING	\$2.30		6	
			Restoration Treatment	SCRUB SEAL /w MICROSURFACING	\$5.99			3
		II - Good, Non-Load Related		MICROSURFACING	\$3.16			
		III - Good, Load Related		THIN AC OVERLAY(1.5 INCHES)	\$21.00			
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$106.00			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	4		
			Surface Treatment	DO NOTHING	\$0.00		15	
			Restoration Treatment	DO NOTHING	\$0.00			99
		II - Good, Non-Load Related		DO NOTHING	\$1.11			
		III - Good, Load Related		DO NOTHING	\$0.00			
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00			
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00			

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

Residential/Local	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9	
			Surface Treatment	SLURRY SEAL	\$2.50		15
			Restoration Treatment	THIN AC OVERLAY(1.5 INCHES)	\$21.00		99
		II - Good, Non-Load Related		SLURRY SEAL	\$2.50		
		III - Good, Load Related		THIN AC OVERLAY(1.5 INCHES)	\$21.00		
		IV - Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00		
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	\$106.00		

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

Other	AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	3	
			Surface Treatment	DO NOTHING	\$0.00		8
			Restoration Treatment	DO NOTHING	\$0.00		3
		II - Good, Non-Load Related	DO NOTHING	\$0.00			
		III - Good, Load Related	DO NOTHING	\$0.00			
		IV - Poor	DO NOTHING	\$0.00			
		V - Very Poor	DO NOTHING	\$0.00			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	4	
			Surface Treatment	DO NOTHING	\$0.00		8
			Restoration Treatment	DO NOTHING	\$0.00		3
		II - Good, Non-Load Related	DO NOTHING	\$0.00			
		III - Good, Load Related	DO NOTHING	\$0.00			
		IV - Poor	DO NOTHING	\$0.00			
		V - Very Poor	DO NOTHING	\$0.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	\$1.40	4	
			Surface Treatment	SINGLE CHIP SEAL	\$1.74		8
			Restoration Treatment	MILL AND THIN OVERLAY	\$5.04		3
		II - Good, Non-Load Related	DOUBLE CHIP SEAL	\$1.52			
		III - Good, Load Related	HEATER SCARIFY & OVERLAY	\$5.95			
		IV - Poor	HEATER SCARIFY & OVERLAY	\$6.14			
		V - Very Poor	RECONSTRUCT STRUCTURE (AC)	\$8.75			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9	
			Surface Treatment	DO NOTHING	\$0.00		15
			Restoration Treatment	DO NOTHING	\$0.00		99
		II - Good, Non-Load Related	DO NOTHING	\$1.11			
		III - Good, Load Related	DO NOTHING	\$1.51			
		IV - Poor	THICK AC OVERLAY(2.5 INCHES)	\$29.00			
		V - Very Poor	THICK AC OVERLAY(2.5 INCHES)	\$29.00			

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

Other	ST	I - Very Good	Crack Treatment	DO NOTHING	\$0.00	9	
			Surface Treatment	DO NOTHING	\$0.00		15
			Restoration Treatment	DO NOTHING	\$0.00		99
		II - Good, Non-Load Related		SINGLE CHIP SEAL	\$1.11		
		III - Good, Load Related		SINGLE CHIP SEAL	\$1.51		
		IV - Poor		SINGLE CHIP SEAL	\$1.92		
		V - Very Poor		THICK AC OVERLAY(2.5 INCHES)	\$29.00		

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

Appendix F: GIS Reports

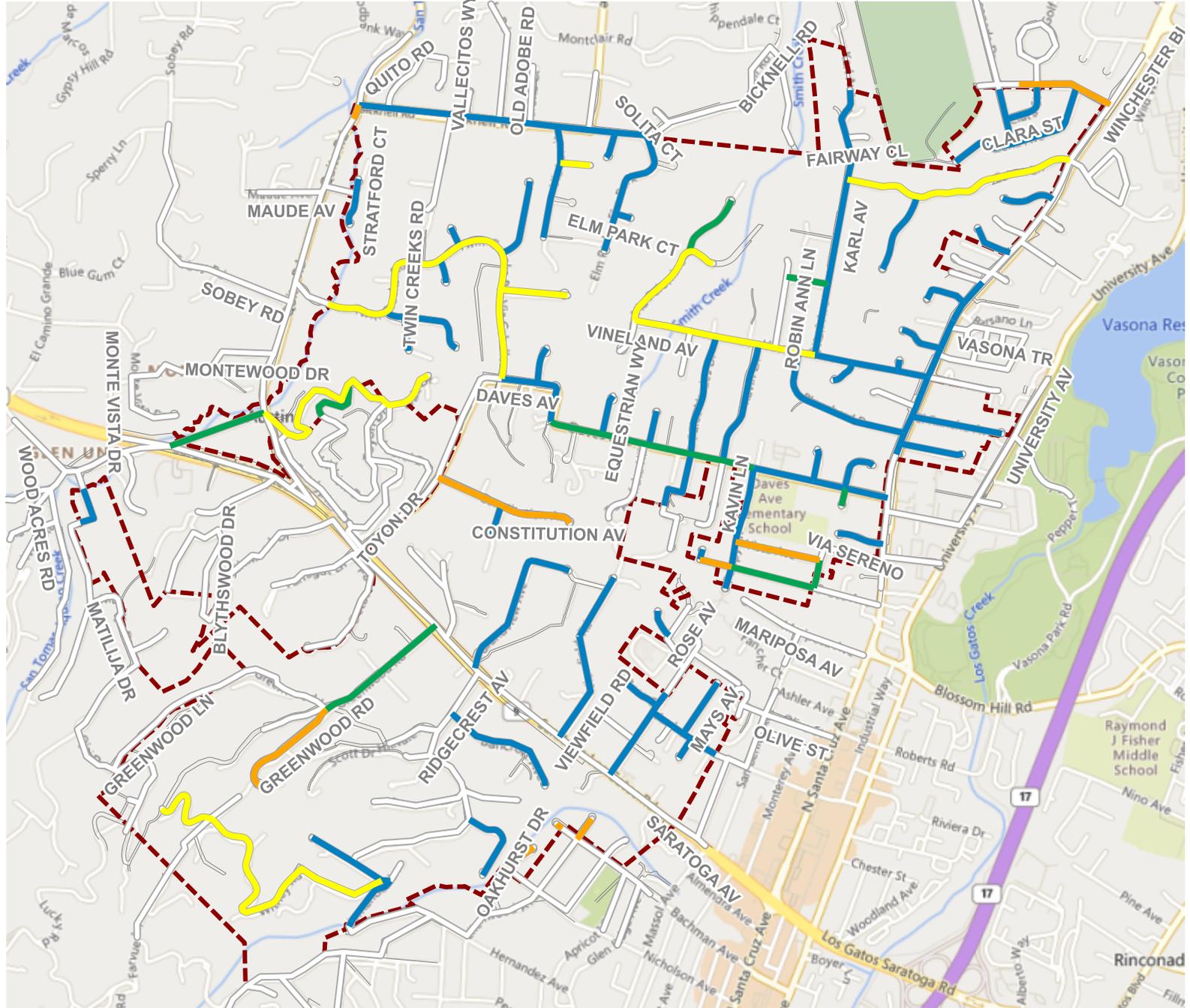


Current PCI Condition

Printed: 3/17/2022

Feature Legend

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





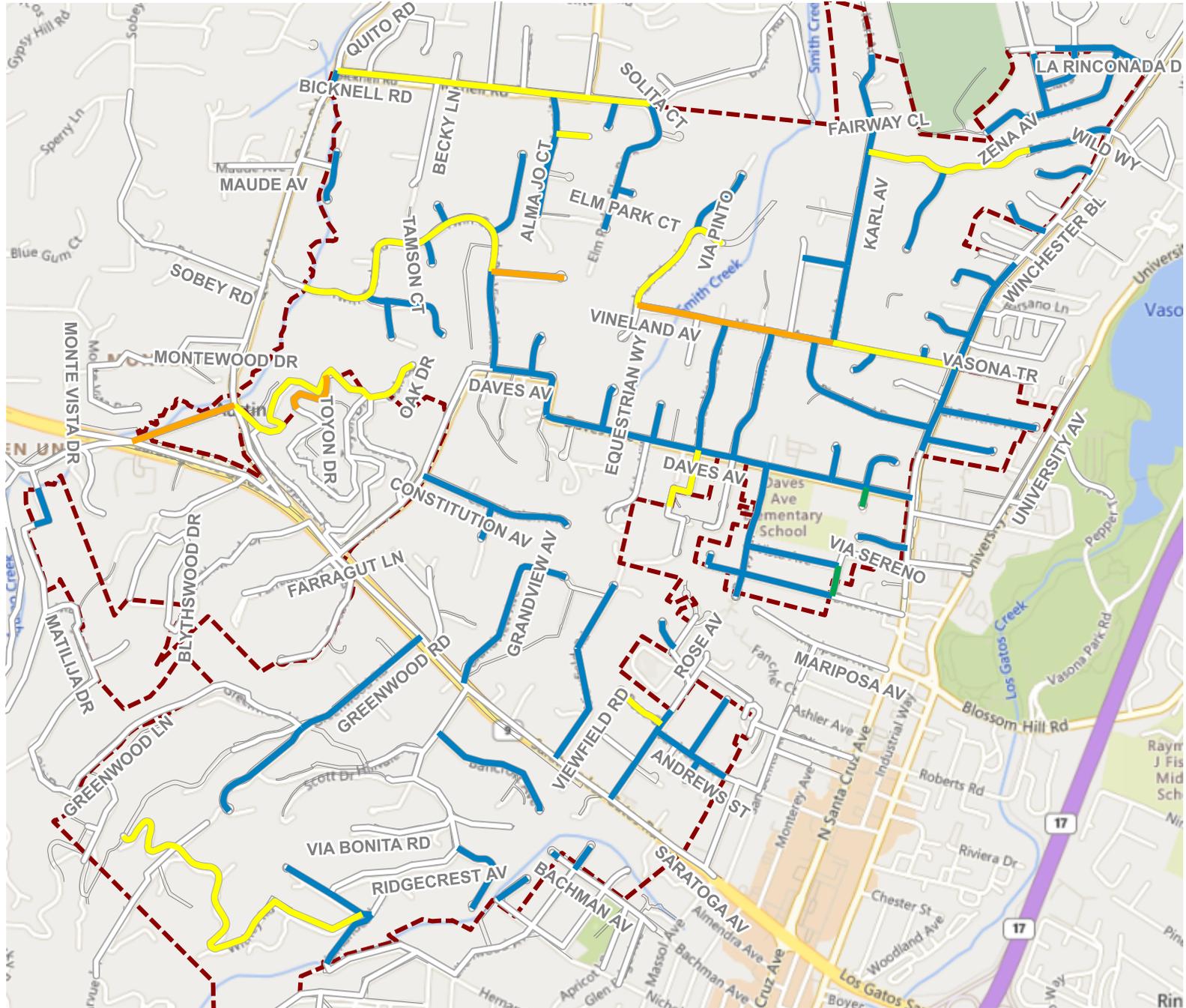
City of Monte Sereno

Scenario PCI Condition

PTAP22 Current Budget (\$310K with 7% PM) - 2026 Project Period - Total Rehab for 2026: \$254,006 - Printed: 3/25/2022

Feature Legend

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





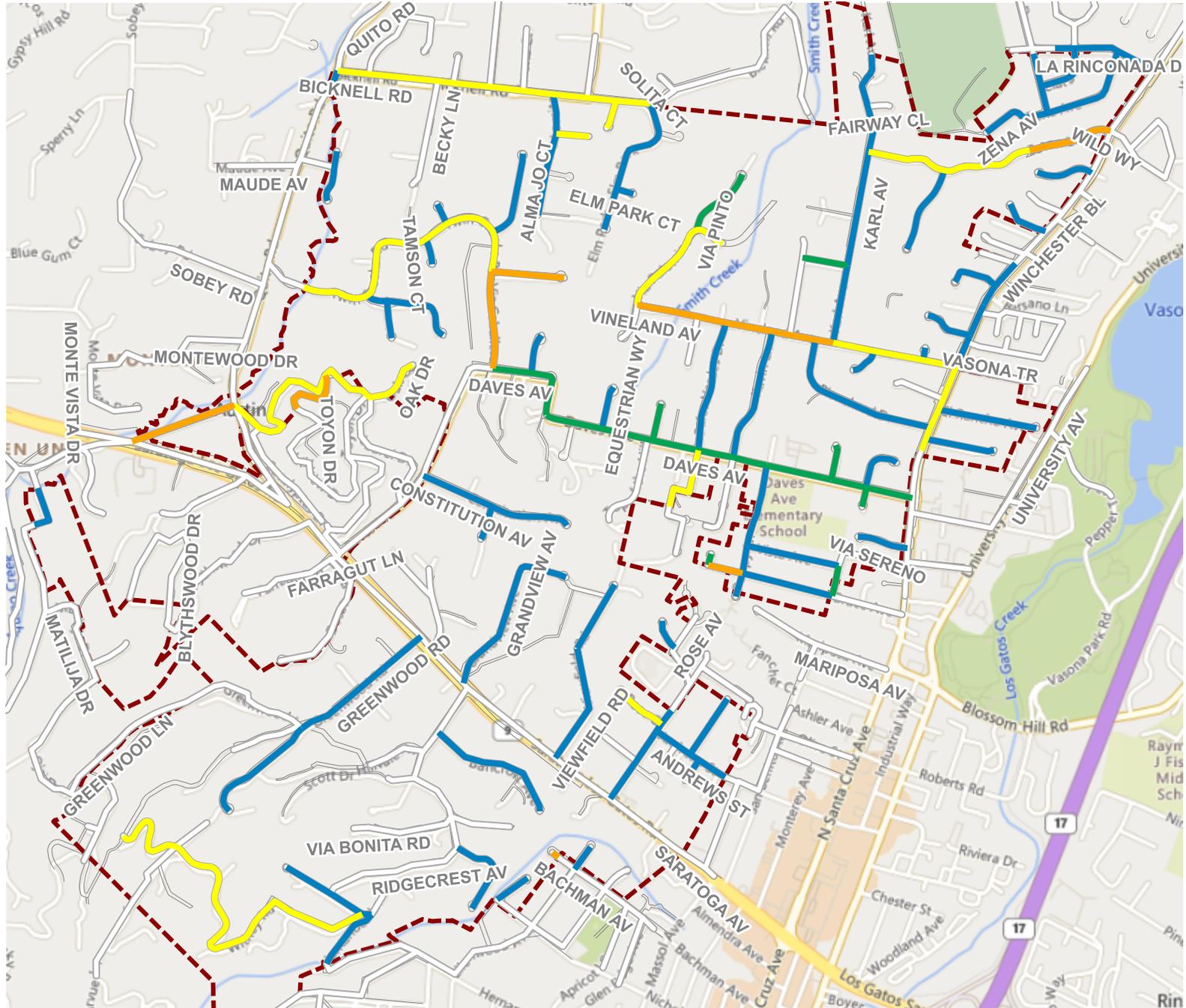
City of Monte Sereno

Target-Driven Scenario PCI Condition

PTAP22 Maintaining PCI (72) - 2026 Project Period - Total Rehab for 2026: \$0 - Printed: 3/25/2022

Feature Legend

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





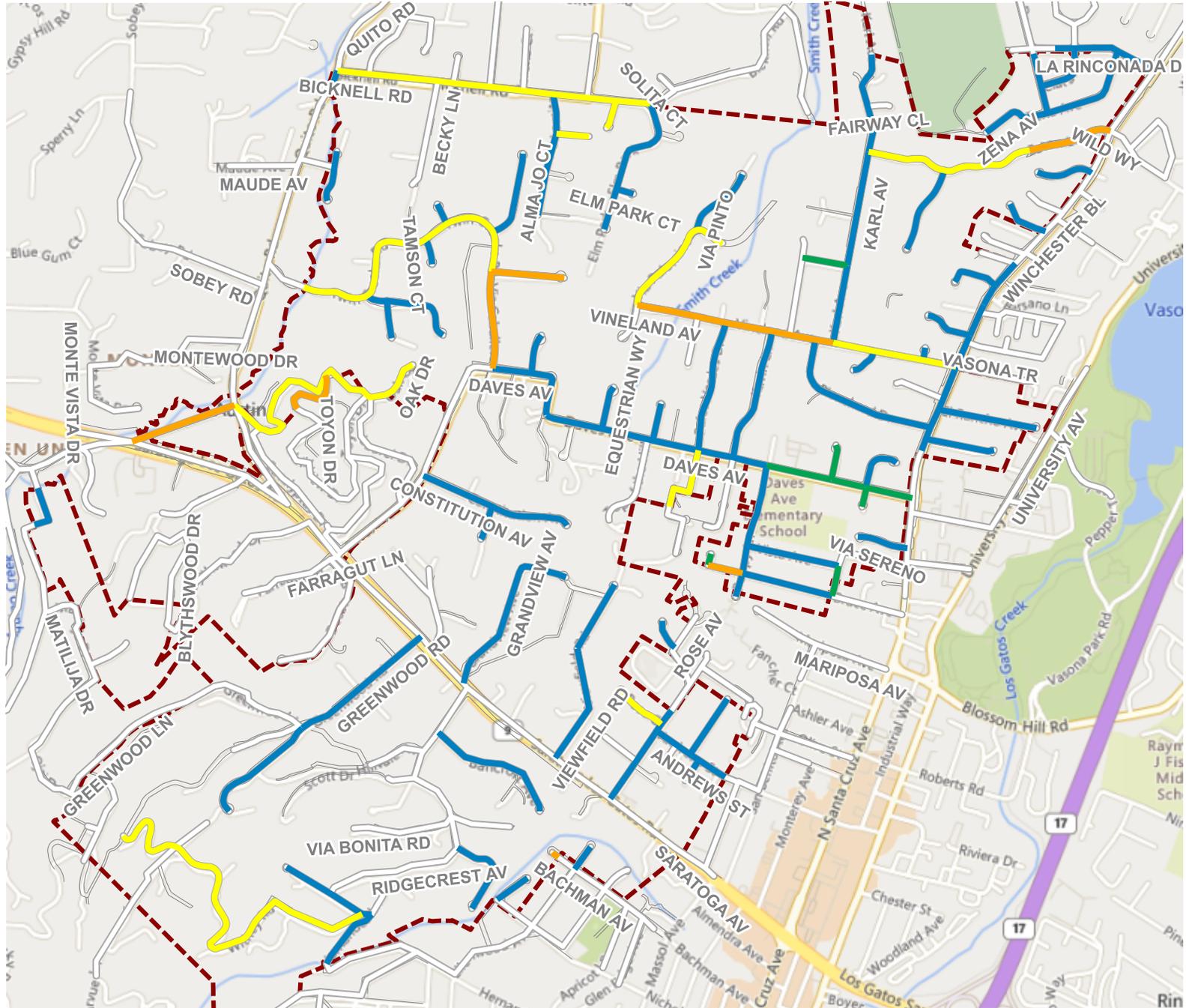
City of Monte Sereno

Target-Driven Scenario PCI Condition

PTAP22 Increasing PCI to 75 - 2026 Project Period - Total Rehab for 2026: \$318,566 - Printed: 3/25/2022

Feature Legend

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





City of Monte Sereno

Target-Driven Scenario PCI Condition

PTAP22 Increasing PCI to 77 - 2026 Project Period - Total Rehab for 2026: \$371,514 - Printed: 3/25/2022

Feature Legend

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

