2025 Pavement Management Program Update

City of Huron

Public Works Department
36311 S Lassen Ave
Huron, CA, 93234

August 2025

1003 W. Cutting Blvd., Suite 110
Point Richmond, CA 94804

Huron
The heart of the Valley

Final Report

2025 Pavement Management Program Update

City of Huron

August 2025

Prepared for:

City of Huron
Public Works Department
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Huron, CA, 93234

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NCE Project No. 992.04.55

Executive Summary

Nichols Consulting Engineers, Chtd. (NCE) was selected by the Fresno Council of Governments (Fresno COG) to update the Pavement Management Program (PMP) of the City of Huron (City) using a walking survey. The purpose of the PMP is to help educate policymakers about the current condition of the street network and the impact of various scenarios on future network conditions. This report summarizes the findings from the 2025/26 PMP update.

The City is responsible for maintaining approximately 11.1 centerline miles of paved streets, representing a substantial investment of approximately $24.3 million. The street network includes 3.7 miles of collector streets 7.1 miles of residential streets, and 0.3 miles of alleyways. In December 2024, NCE collected pavement condition data throughout the entire network using ASTM distress protocols. Survey data were entered into the StreetSaver® database, which the City uses as a decision-support tool.

Overall, the City's pavement network is currently in "Poor" condition with an average pavement condition index (PCI) of 46. Overall, 17.2 percent of the City's street network area is in "Good" condition, approximately 24 percent is in "Fair" condition, 30.3 percent is in "Poor" condition, and 28.5 percent is in "Very Poor" condition.

The budget needs analysis indicated that the City needs to spend $16.9 million over the next 10 years to bring the street network to a condition that can be maintained with on-going preventive maintenance in the most cost-effective way. To establish a pragmatic approach, 4 budget scenarios were examined using a yearly inflation rate of 3.0 percent for a 10-year analysis period. The budgeted amounts for the 4 scenarios include paving and staff time, design, construction management, and contingencies.

The following table summarizes each scenario and its corresponding 10-year budget, PCI, and deferred maintenance costs at the end of the analysis period.

Table A. Budget Scenario Analysis Summary

Scenario	Description	Cumulative 10-year Budget ($M)	End of FY 34/35	
			Network PCI	Deferred Maintenance ($M)
1	City's Current Budget	$5.0	40	$18.2
2	Maintain PCI of 46	$7.0	46	$15.7
3	Improve to PCI of 65 by FY 34/35	$13.0	65	$8.4
4	Improve to PCI of 70 by FY 34/35	$15.0	70	$6.4

NCE recommends that the City increase the funding level to improve the network condition and decrease deferred maintenance. Scenario 3 accomplishes both these objectives by increasing PCI from 46 to 65 and decreasing the current deferred maintenance from $12.6 million to $8.4 million by the end of FY 34/35. However, if the City determines that Scenario 3 is unrealistic to implement due to significant financial commitment, **NCE recommends that the City pursue Scenario 2.** This option will maintain the current PCI of 46 throughout the analysis period, while the deferred maintenance is expected to decrease to $15.7 million by the

end of FY 34/35 compared to Scenario 1. It should be noted that under Scenario 2, the required annual budget is approximately $0.2 million higher than the City's Current Budget.

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1 Introduction and Background

Nichols Consulting Engineers, Chtd. (NCE) was selected by the Fresno Council of Governments (Fresno COG) to update the Pavement Management Program (PMP) of the City of Huron (City).

In general, PMPs are "designed to provide objective information and useful data so that managers can make more consistent, cost-effective, and defensible decisions related to the preservation of a pavement network."[1] In other words, a PMP is designed to assist cities with answering questions such as:

- What does the City's pavement network include?
- What is the current condition of the pavement network?
- What are the City's current M&R strategies?
- How much funding is required to perform all needed M&R treatments over the next analysis period (typically 4 to 10 years)?
- What effect does the City's existing funding have on the network condition and overall deferred maintenance[2]?
- What effect will other funding amounts have on the network condition and deferred maintenance?

To update the City's PMP, NCE surveyed pavement condition in compliance with ASTM D6433[3]. Walking surveys were performed by one or two-person crews to record all pavement distresses. The surveys did not include non-pavement issues such as traffic, safety and street hazards, geometric issues, shoulders, sidewalks, curb and gutters, drainage issues, or immediate maintenance needs.

After inspection, all survey data were entered into the City's StreetSaver® database, and Pavement Condition Index (PCI) calculations were performed. NCE then reviewed and updated the City's decision tree, including maintenance and rehabilitation (M&R) strategies and treatment unit costs, analyzed the budget needs, and modeled 4 budget scenarios for the street network.

1.1 Purpose

The purpose of this report is to provide a comprehensive understanding of the overall pavement condition and facilitate effective planning and maintenance strategies for the City. The report assists policymakers in decision-making by showing the impacts of different funding strategies on the City's streets over the next 10 years. It also assists the City with identifying M&R priorities specific to the City's needs and highlights options for improving the current PCI. These options are developed by conducting "what-if" analyses using StreetSaver® software.

[1] AASHTO *Guidelines for Pavement Management Systems*. (Washington, DC: American Association of State Highway and Transportation Officials, 1990).
[2] Deferred maintenance refers to maintenance activities that were either not performed as scheduled or were postponed to a future period due to insufficient funding. This calculation encompasses costs associated with CICM (Construction Inspection and Construction Management), design, and contingencies.
[3] ASTM. *ASTM D6433. Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys.* (West Conshohocken, PA: ASTM International, 2024), astm.org.

2 Network Summary

The City is responsible for maintaining approximately 11.1 centerline miles of paved streets, which includes 3.7 centerline miles of collectors, 7.1 miles of residential streets, and 0.3 miles of alleyways. The network is composed primarily of asphalt concrete (AC) pavement sections. There are 38 gravel sections, totaling about 5 miles, that were not surveyed and are not included in the pavement needs or budget analysis. Table 1 summarizes the street network by functional class. Appendix A lists all the streets within the network, providing details such as the street name, beginning and ending cross streets, surface type, functional classification, inspection date, and the inspected PCI. The City has a project planned for 2025 to pave a section of 9th Street that is currently gravel.. In this case, there will be an improvement in the total PCI.

Table 1. Network Summary Statistics by Functional Class.

Functional Class	Centerline Mileage	Percent Area	Weighted Average PCI[1]	Condition
Collector	3.7	35.6%	49	Poor
Residential	7.1	63.1%	41	Poor
Alleyways	0.3	1.3%	44	Poor
Total	**11.1**	**100.0%**	**46**	**Poor**
Gravel	5.0	-	-	-

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

Street pavements are one of the City's most valuable assets. The total street network replacement cost is estimated to be approximately $24.3 million. This can be viewed as the value of the pavement network and is the amount needed to fund a reconstruction of the entire paved network. The replacement cost is calculated by multiplying the total pavement area by the unit cost of reconstruction of the pavement structure. It does not include related infrastructure assets such as sidewalks, signals, markings, signs, or storm drains.

3 Pavement Condition

The PCI is a measurement of pavement grade or condition and ranges from 0 to 100. A newly constructed street will have a PCI of 100, while a street in very poor condition will have a PCI of 24 or less. Pavement conditions are primarily affected by climate, traffic loads and volumes, construction materials, and age. For asphalt pavement, distress might include:

- Alligator (Fatigue) Cracking
- Bleeding
- Block Cracking
- Bumps and Sags
- Corrugation
- Depression
- Edge Cracking
- Joint Reflection Cracking
- Lane/Shoulder Drop-Off
- Longitudinal/Transverse Cracking
- Patching and Utility Cut Patching
- Polished Aggregate
- Potholes
- Railroad Crossing
- Rutting
- Shoving
- Slippage Cracking
- Swell
- Raveling
- Weathering

The photographs in Figure 1 illustrate examples of asphalt concrete streets with different PCI ranges.

Figure 1. Examples of Streets with Different PCIs.

The definitions of the pavement condition categories and PCI ranges are shown in Table 2. These are the PCI "breakpoints" in StreetSaver®.

Table 2. Pavement Condition Categories.

Condition Category	PCI Range	Description
Good	70 – 100	Pavements with minimal surface distress that may include some hairline longitudinal/transverse cracks and/or weathering. The pavement structure is sound, and minor oxidation may occur.
Fair	50 – 69	Pavements with significant distress that is predominantly non-load-related, such as longitudinal/transverse cracks, bleeding, block cracking, weathering, raveling, etc. The pavement structure is sound, and some oxidation has occurred.
Poor	25 – 49	Pavements with moderate to severe surface distresses. Extensive weathering or raveling, block cracking, and load-related distresses such as alligator cracking, rutting, and potholes may occur.
Very Poor	0 – 24	Pavements with severe weather-related distress and large quantities of load-related distress. These pavements are nearing the end of their service life.

3.1 City's Current Pavement Condition

The City's current overall weighted average PCI for the network is 46, which places the overall street network pavement condition in the "Poor" category. Figure 2 shows the PCIs for streets with different functional classifications. Street condition assessments by functional class indicate that 17.2% are categorized as 'Good', 24% as 'Fair', 30.3% as 'Poor' and 28.5% as 'Very Poor'.

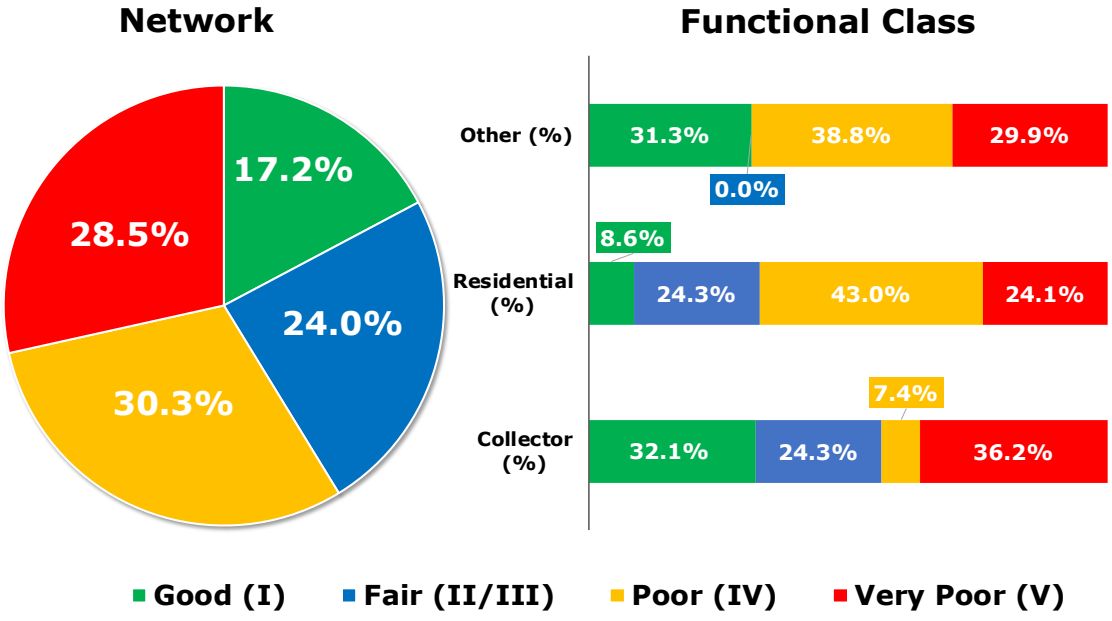

Figure 2. Street Network Percent Pavement Area by Condition Category.

3.2 PCI Comparison with Neighboring Agencies

Figure 3 shows the City's average network PCI compared to neighboring agencies as well as the statewide average PCI from the 2022 California Statewide Local Streets and Roads Needs Assessment[4]. The City's PCI of 46 positions the City nineteen points below the 2022 statewide average of 65.

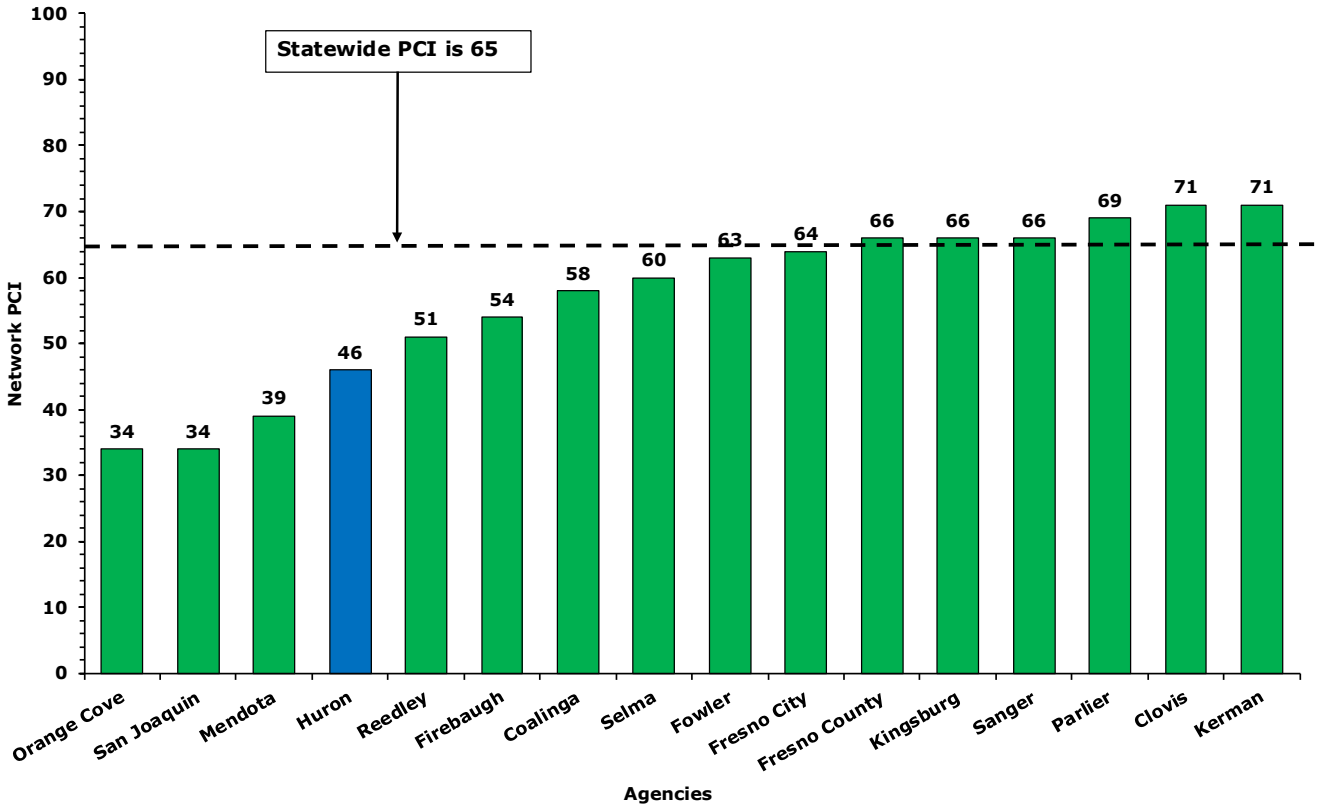

Figure 3. Network PCI for Different Agencies.

[4] "California Statewide Local Streets and Roads Needs Assessment 2022 Update". Nichols Consulting Engineers, Chtd., CA, 2022.

4 Maintenance and Rehabilitation Strategies

In general, surface treatments such as crack seals or slurry seals are used when the pavements are in "Fair" to "Good" condition. This type of treatment is usually considered "preventive maintenance". When the pavement condition deteriorates to lower levels, overlays and full-depth structure replacements must be performed. These are considered "rehabilitation" or "reconstruction". In addition, base repairs for more localized distresses are commonly done in preparation for overlay and slurry seal treatments.

Based on a discussion with City staff, a detailed M&R decision tree was prepared and is included in Appendix B. Figure 4 presents the decision tree of collectors. This determined the most effective and realistic treatments for each group of streets by functional class and condition category.

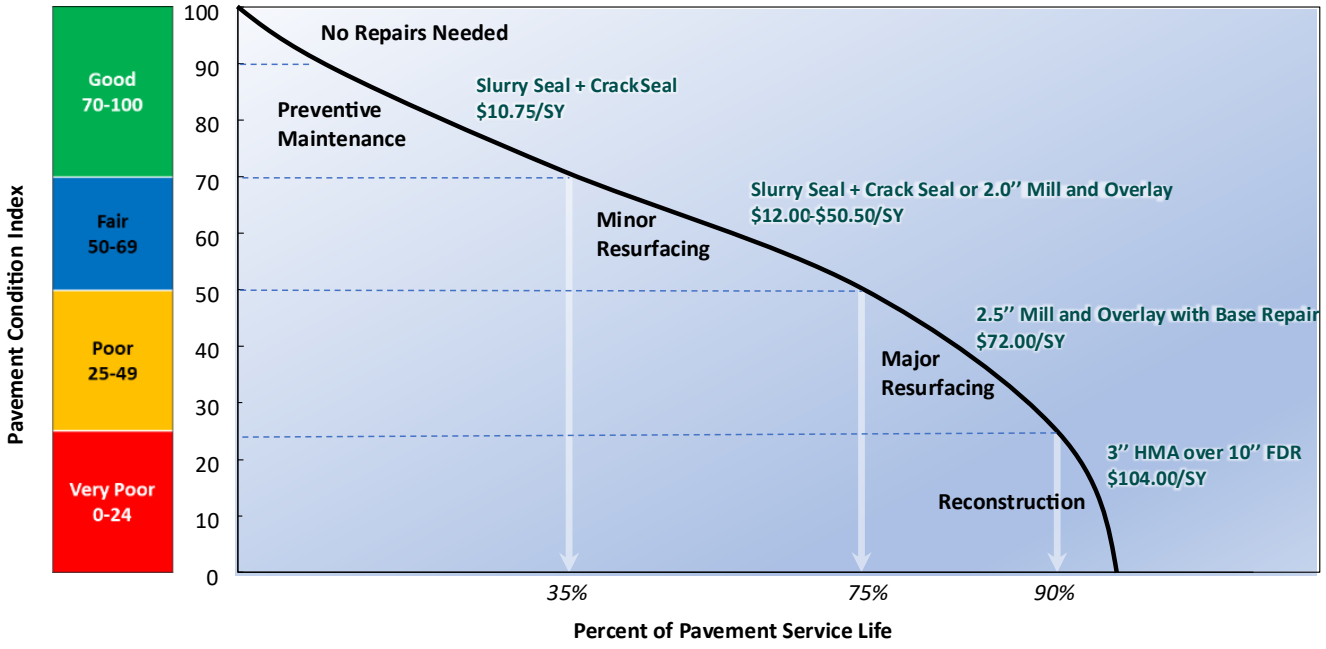

Figure 4. Costs[5] of Maintaining Collectors over Time.

Figure 4 illustrates how costs of pavement treatment increase as pavement conditions decrease over time. The dollar amounts shown in Figure 4 are based on recent bids received by the City and illustrate that it costs much less to maintain Collectors in good condition than to repair failed streets. By letting pavements deteriorate, streets that once cost about $10.75 per square yard to treat with slurry seal may, in a few years, cost about $50.50 per square yard to overlay. Note that a slurry seal can be applied on approximately 10 times as many lane miles as those requiring reconstruction for pavements in failed condition.

Because of this, a key pavement management repair strategy is to keep streets in "Good" to "Fair" condition from deteriorating. This is particularly true for streets in the "Fair" range since pavement deterioration will accelerate if left untreated. Pavements in "Fair" condition show some distress and require more than preventive

[5] In addition to the contractor's prices, unit costs are loaded to include staff time, design, construction management, contingencies, and non-asphalt concrete related work.

maintenance. At this point, a well-designed pavement will have reached between 35 and 50 percent of its life, and a thin mill and overlay (2.0 inches) would be required to bring its condition back to “Good.” For pavements in the “Poor” category, approximately 30 percent of service life is left, and a thicker grind and overlay (2.5 to 4.0 inches) would be required to bring its condition back to “Good”. Pavements in “Very Poor” condition are near the ends of their service lives and often exhibit severe forms of distress such as potholes, rutting, and extensive cracking. At this stage, reconstruction is typically required. In general, collectors are expected to have a service life of approximately 25 years, while residential streets are expected to have a service life exceeding 30 years.

5 Budget Analysis

Based on the principle that it costs less to maintain streets in good condition than it does to repair those that have failed, cost-effective PMPs employ strategies that first eliminate deferred maintenance and then preserve the network with ongoing preventive maintenance. Such strategies bring the network condition to an optimal PCI that can be maintained over time.

5.1 Budget Needs

The first step in developing a cost-effective strategy is to determine, assuming an unconstrained budget, the total maintenance budget "needs" of the network, i.e., the funding required for every street in the network to reach optimal conditions based on the policy established in the decision tree. For the City, the cost of treatment(s) over the analysis period was calculated by multiplying unit costs by pavement section area at an annual inflation rate of 3.0 percent over a 10-year analysis period.

The budget needs are estimated to be approximately $16.9 million by the end of FY 34/35. Of the total budget needs, approximately $13.0 million (76.9 percent) would be devoted to rehabilitation, while the rest would be allocated for preventive maintenance. If the City follows this "ideal" strategy, the average network PCI will increase to 84 by FY 34/35. Table 3 below shows the impacts of expenditure on the PCI, assuming an unconstrained budget. Appendix C presents the following information regarding the budget needs: projected PCI, cost summary, and a summary of the preventive and rehabilitation maintenance treatments.

Table 3. Budget Needs.

Fiscal Year	Current	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	Total
Total Budget Needs ($M)	NA	$12.6	$0.1	$0.0	$0.0	$0.0	$1.4	$1.2	$0.6	$0.4	$0.6	$16.9
Rehabilitation ($M)	NA	$12.4	$0.1	$0.0	$0.0	$0.0	$0.5	$0.0	$0.0	$0.0	$0.0	$13.0
Preventive Maintenance ($M)	NA	$0.2	$0.0	$0.0	$0.0	$0.0	$0.9	$1.2	$0.6	$ 0.4	$ 0.6	$3.9
Treated PCI	46	94	89	86	84	83	85	86	85	84	84	NA
Untreated PCI	46	46	43	40	37	35	32	30	28	26	24	NA

5.2 Budget Scenarios

Having determined the street network's maintenance needs, the next step in developing a cost-effective M&R strategy is to generate several alternative budgets and analyze “what-if” scenarios. By examining the impacts of budget scenarios, the advantages and disadvantages of the 4 funding levels and maintenance strategies can be illustrated.

The budgeted amounts for the 4 scenarios (noted below) include an inflation factor of 3.0 percent over a 10-year analysis period. They also include paving and (i.e., mobilization, demobilization, stripping, traffic control, limited concrete work…etc.), staff time, design, construction management, and contingencies:

- Scenario 1: City’s Current Budget ($0.5M/year)
- Scenario 2: Maintain Current PCI of 46 ($0.7M/year)
- Scenario 3: Improve to PCI of 65 by FY 34/35 ($1.3M/year)
- Scenario 4: Improve to PCI of 70 by FY 34/35 ($1.5M/year))

The detailed results of the budget scenarios are provided in Appendix D and the PCI conditions after treatment in FY 34/35 for each scenario are presented in Appendix F.

5.2.1 Scenario 1: City's Current Budget ($0.5M/Year)

At the City's anticipated budget of $0.5 million every year, the network PCI will decrease from 46 to 40 by FY 34/35. Scenario 1 allocated an average of 18.0 percent of the budget towards preventive maintenance. By the end of the analysis period, 36.5 percent of the network will be in "Good" condition, 8.7 percent will be in "Fair" condition and 28.5 percent will be in "Very Poor" condition. The deferred maintenance cost will increase from $12.6 million to $18.2 million by FY 34/35. Table 4 and Figure 5 show the outcomes under this scenario. A list of sections selected for treatment is provided in Appendix E.

Table 4. Cost Summary for Scenario 1.

Fiscal Year	Current	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	Total
City's Budget ($M)	N/A	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5	$0.5	$5.0
Deferred Maintenance ($M)	$12.6	$12.1	$12.6	$13.0	$13.9	$14.7	$15.4	$16.1	$16.7	$17.6	$18.2	N/A
Network PCI	46	47	46	45	44	43	42	42	41	40	40	N/A

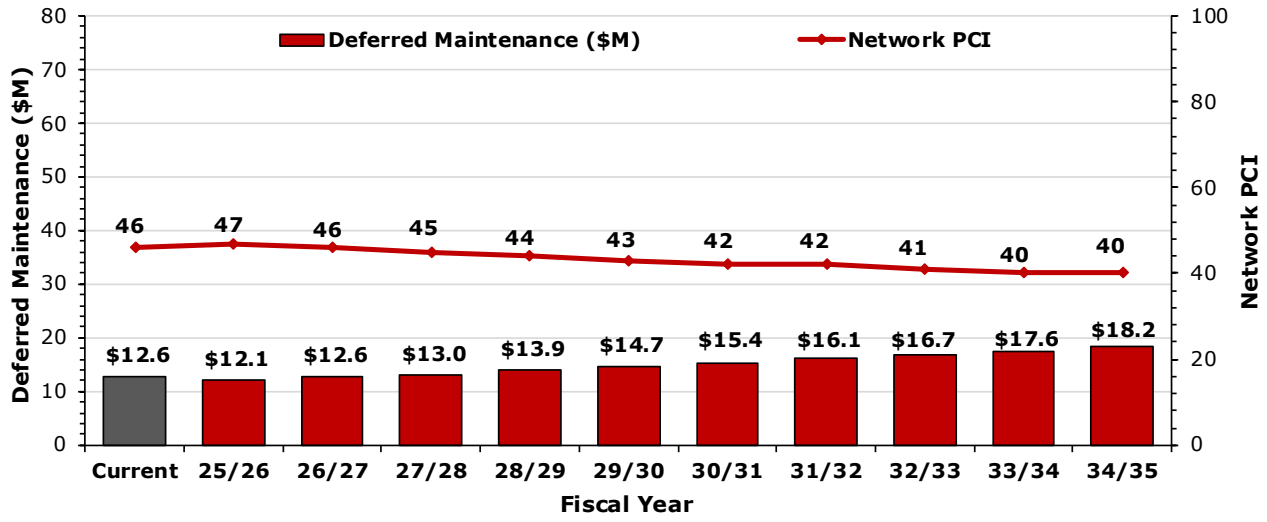

Figure 5. PCI versus Deferred Maintenance for Scenario 1.

5.2.2 Scenario 2: Maintain Current PCI of 46 ($0.7M/Year)

In this scenario, the goal is to maintain PCI of 46 for the network by the end of FY 34/35. As shown in Table 5 and Figure 6 for Scenario 2, the estimated financial commitment required to accomplish this goal is $7.0 million over 10 years. Scenario 2 allocated an average of 17.0 percent of the budget towards preventive maintenance. As a result, the deferred maintenance cost will increase to $15.7 million by FY 34/35. In this scenario, 45.0 percent of the network will be in "Good" condition, 8.0 percent will be in "Fair" condition and 47.0 percent will be in "Very Poor" condition after 10 years.

Table 5. Cost Summary for Scenario 2.

Fiscal Year	Current	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	Total
Required Budget ($M)	N/A	$0.7	$0.7	$0.7	$0.7	$0.7	$0.7	$0.7	$0.7	$0.7	$0.7	$7.0
Deferred Maintenance ($M)	$12.6	$11.9	$12.2	$12.4	$13.1	$13.6	$14.1	$14.6	$15.0	$15.2	$15.7	N/A
Network PCI	46	48	48	47	47	47	46	46	46	46	46	N/A

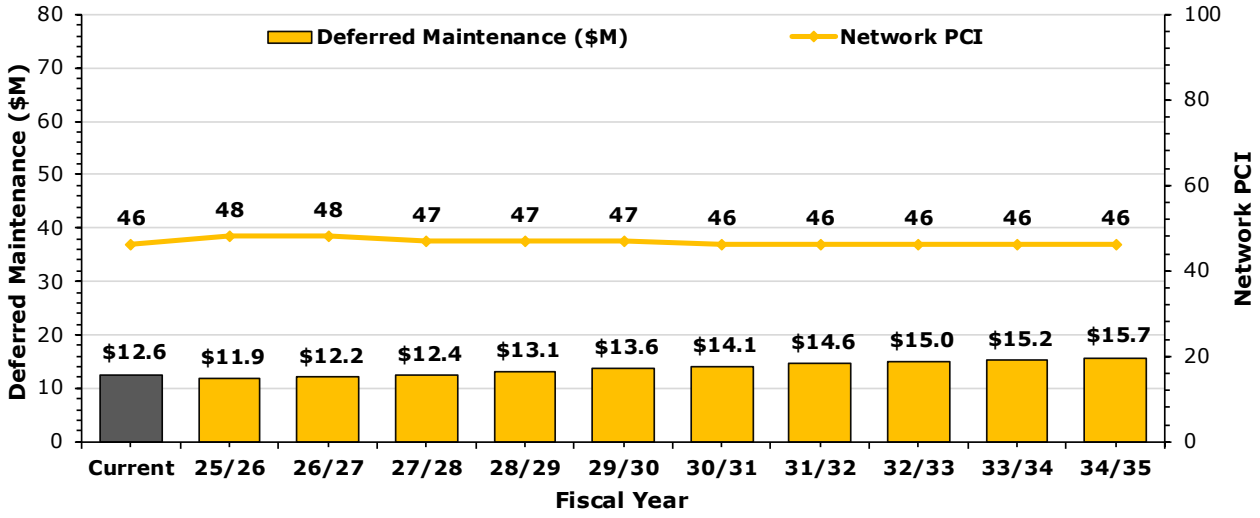

Figure 6. PCI versus Deferred Maintenance for Scenario 2.

5.2.3 Scenario 3: Improve to PCI to 65 by FY 34/35 ($1.3M/Year)

This scenario aims to improve the City's overall network PCI to 65 (Statewide Average) by the end of FY 34/35. As shown in Table 6 and Figure 7, the estimated financial commitment required to accomplish this goal is $13.0 million over 10 years. Scenario 3 allocates 5.0 percent of the budget towards preventive maintenance ("Good" condition), resulting in deferred maintenance decreasing to $8.4 million by FY 34/35. In this scenario, 67.2 percent of the network will be in "Good" condition, 8.0 percent will be in "Fair" condition, none will be in "Poor" condition, and 24.8 percent will be in "Very Poor" condition at the end of the 10-year period.

Table 6. Cost Summary for Scenario 3.

Fiscal Year	Current	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	Total
City's Budget ($M)	N/A	$1.3	$1.3	$1.3	$1.3	$1.3	$1.3	$1.3	$1.3	$1.3	$1.3	$12.9
Deferred Maintenance ($M)	$12.6	$11.3	$11.0	$10.6	$10.6	$10.4	$10.1	$10.0	$9.5	$9.0	$8.4	N/A
Network PCI	46	50	52	52	54	55	57	59	61	63	65	N/A

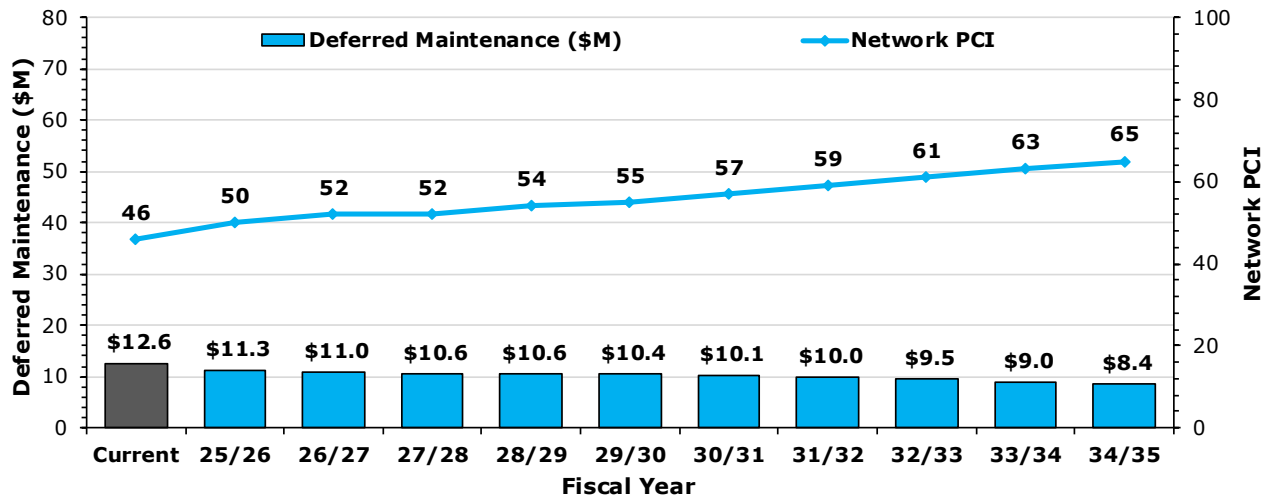

Figure 7. PCI versus Deferred Maintenance for Scenario 3.

5.2.4 Scenario 4: Improve to PCI to 70 by FY 34/35 ($1.5M/Year)

This scenario assumes the City will increase network PCI to 70 by the end of FY 34/35. As shown in Table 7 and Figure 8, the estimated budget for this is $15.0 million over 10 years. In this scenario, roughly $15.0 million of the budget is allocated to rehabilitation, and the deferred maintenance cost would be reduced to $6.4 million by FY 34/35. In this scenario, 74.1 percent of the network will be in "Good" condition, 6.8 percent in "Fair" condition, none in "Poor" condition, and 19.1 percent in "Very Poor" condition at the end of the 10-year period.

Table 7. Cost Summary for Scenario 4.

Fiscal Year	Current	25/26	26/27	27/28	28/29	29/30	30/31	31/32	32/33	33/34	34/35	Total
City's Budget ($M)	N/A	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5	$1.5	15.0
Deferred Maintenance ($M)	$12.6	$11.1	$10.6	$9.9	$9.7	$9.3	$8.7	$8.5	$7.7	$7.0	$6.4	N/A
Network PCI	46	51	53	54	56	58	61	63	66	68	70	N/A

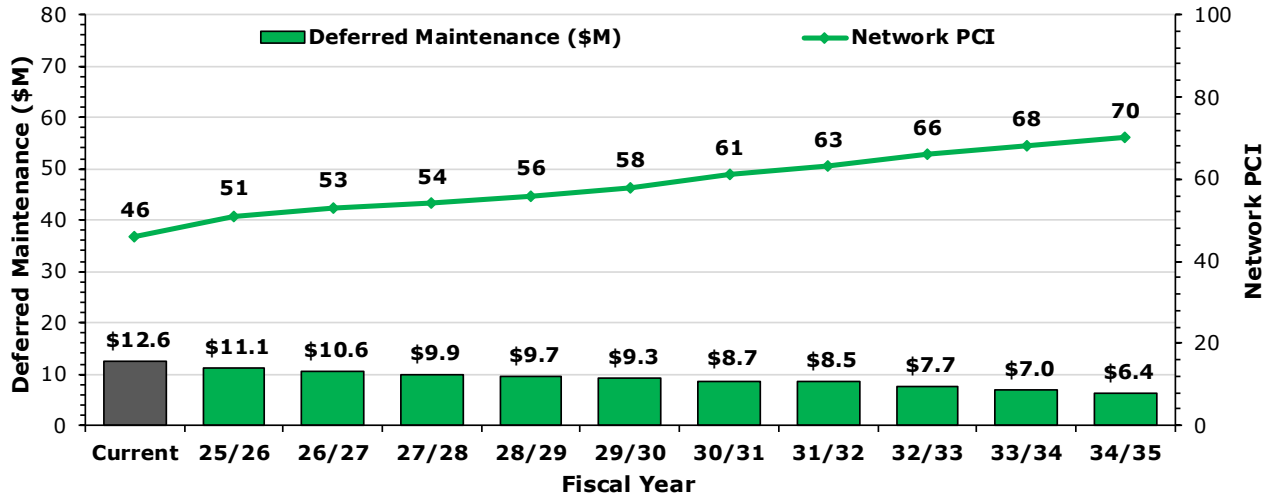

Figure 8. PCI versus Deferred Maintenance for Scenario 4.

5.3 Scenario Summary and Comparisons

Scenario 1: City's Current Budget ($0.5M/year) – The network PCI is projected to decrease from 46 to 40 by the end of the 10-year analysis period. The cost of deferred maintenance[6] will increase from $12.6 million to $18.2 million by FY 34/35.

Scenario 2: Maintain Current PCI of 44 ($0.7M/year) – This scenario assumes that the City will allocate $0.7 million each year on average to maintain the PCI at 46 by the end of FY 34/35. This will cost $7.0 million total over 10 years. Deferred maintenance costs will slightly increase from $12.6 million to $15.7 million by FY 34/35.

Scenario 3: Improve to PCI of 65 by FY 34/35 ($1.3M/year) – This scenario assumes that the City will increase the network PCI to 65, the statewide average. This will cost $13.0 million total over 10 years. Deferred maintenance costs will be reduced to $8.4 million by FY 34/35.

Scenario 4: Improve to PCI of 70 by FY 34/35 ($1.5M/year) – This scenario assumes that the City will increase the network PCI to 70, the Fresno COG goal. This will cost $15.0 million total over 10 years. Deferred maintenance costs will be reduced to $6.4 million by FY 34/35.

The following table summarizes each scenario and its corresponding 10-year budget, PCI, and deferred maintenance costs at the end of the analysis period. Appendix D shows the cost and network condition summary for each scenario and Appendix F shows the current PCI conditions in FY25/26 and after treatment in FY 34/35 for each scenario.

Table 8. Budget Scenario Analysis Summary.

Scenario	Description	Cumulative 10-year Budget ($M)	End of FY 34/35	
			Network PCI	Deferred Maintenance ($M)
1	City's Current Budget	$5.0	40	$18.2
2	Maintain PCI of 46	$7.0	46	$15.7
3	Improve to PCI of 65 by FY 34/35	$13.0	65	$8.4
4	Improve to PCI of 70 by FY 34/35	$15.0	70	$6.4

Figure 9 compares the annual changes in PCI under each budget scenario, and Figure 10 illustrates the associated annual changes in deferred maintenance under each budget scenario. Under Scenario 1, PCI is projected to decrease by approximately 1 point per year. In contrast, under Scenarios 2, 3 and 4, PCI either remains constant at its current level or increases by 1 or 2 points per year (Figure 9). For Scenarios 3 and 4, the PCI will increase to the Statewide Average PCI of 65, and to 70, the goal PCI of Fresno COG respectively. In addition, as seen in Figure 10, deferred maintenance is projected to increase by an average of $0.6 million

[6] Deferred maintenance refers to maintenance activities that were either not performed as scheduled or were postponed to a future period due to insufficient funding. This calculation encompasses costs associated with CICM (Construction Inspection and Construction Management), design, and contingencies.

annually under Scenario 1 and an average pf $0.4 million annually under Scenario 2, while for the other scenarios, it is projected to decrease consistently (Scenario 3 and 4).

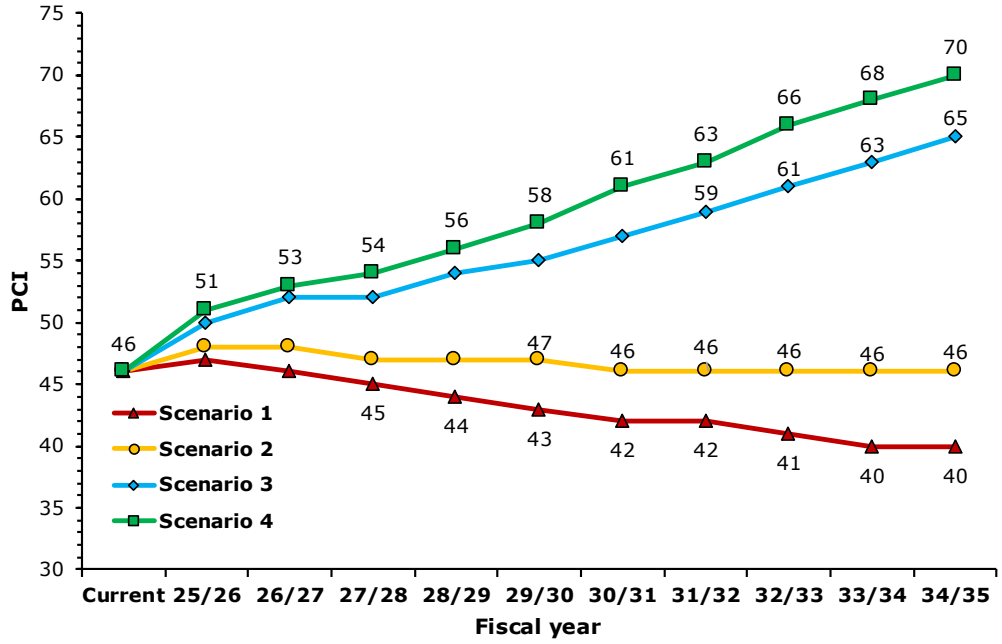

Figure 9. Comparison of Annual PCI by Scenario.

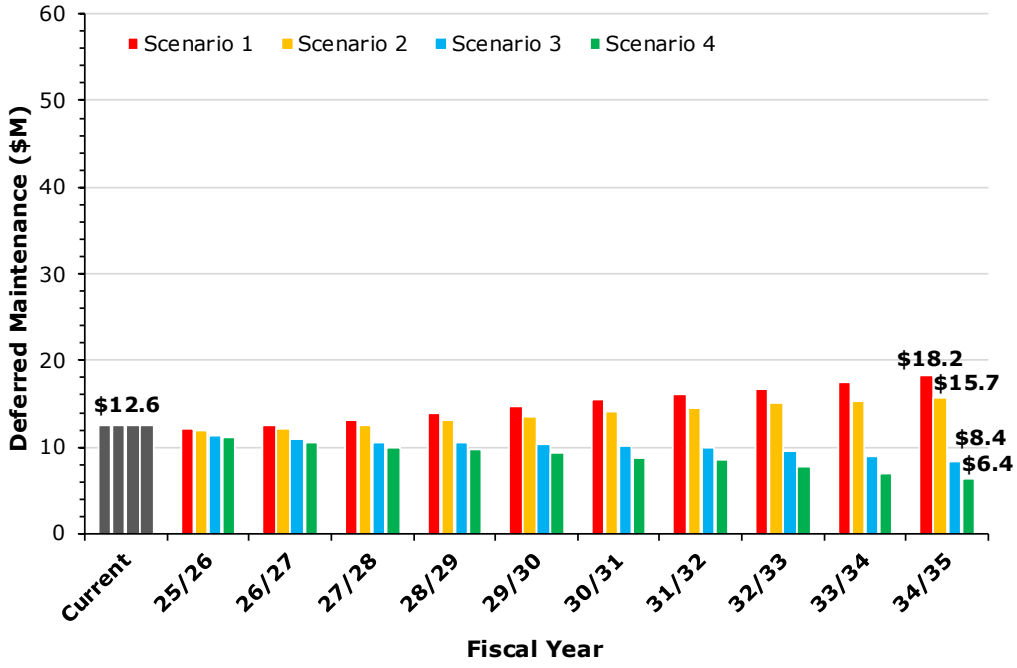

Figure 10. Comparison of Annual Deferred Maintenance by Scenario.

Figure 11 illustrates the percent change in pavement condition for each scenario at the end of FY 34/35. All four scenarios will significantly increase the proportion of the network in the "Good" condition with no pavement sections in the "Poor" condition. In Scenario 1 and 2, the proportion of the network in the "Very Poor" condition will also increase. In contrast, under Scenario 3 and Scenario 4, the proportion of the network in “Very Poor” condition will decrease. Appendix F shows maps of the PCI conditions for all the scenarios’ results in FY 34/35, in addition to the current conditions in FY 25/26.

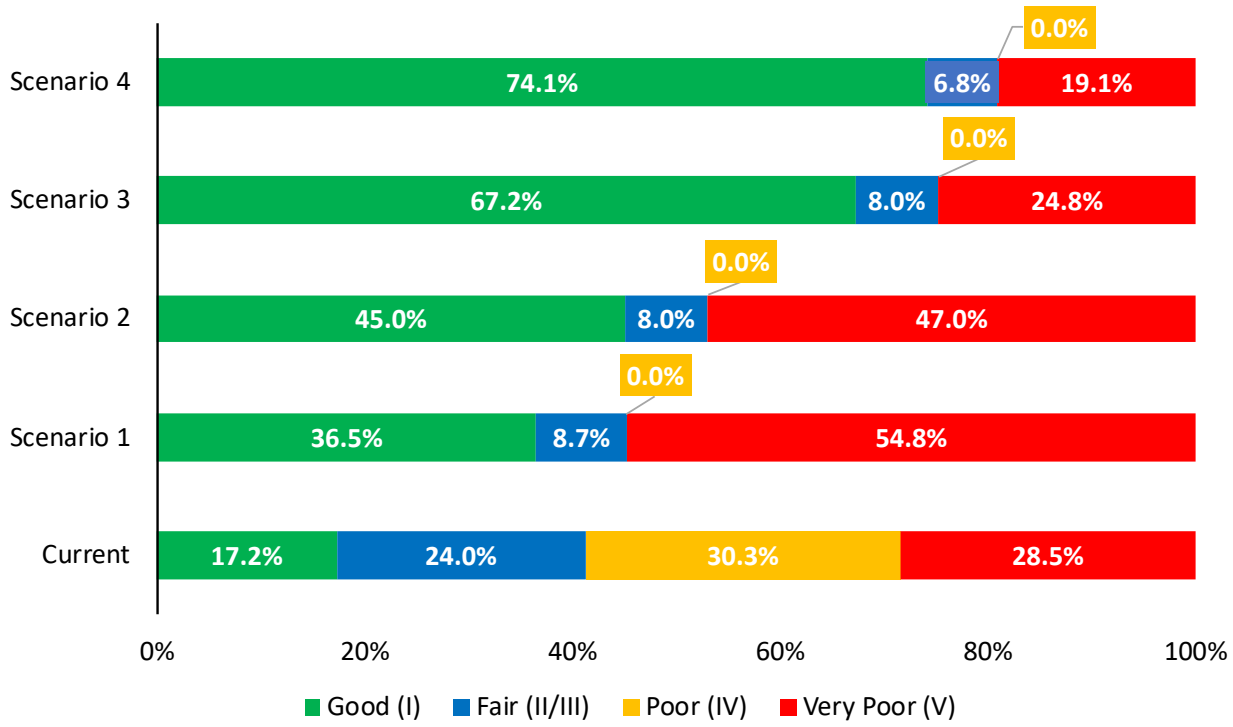

Figure 11. Comparison of Pavement Condition by FY 34/35 by Scenarios.

It is important to note that to improve the network condition and reduce the deferred maintenance, the City will need to increase the annual budget significantly. Scenarios 2, 3 and 4 will require an average of $0.2 million, $0.8 million and $1.0 million more per year, respectively, compared to Scenario 1.

6 Conclusions and Recommendations

The City of Huron has made a substantial investment of $24.3 million in its pavement network. Overall, the pavement network is in the "Poor" condition with a PCI of 46. The City's existing budget (Scenario 1) of $5.0 million over 10 years is expected to reduce the overall network PCI from 46 to 40. Under Scenario 2, PCI would remain at 46 by FY 34/35 with an investment of $7.0 million. Under Scenario 3, PCI would increase to 65, the statewide average, by FY 34/35 with an investment of $13.0 million. As for Scenario 4, PCI would increase to 70 by FY 34/35 with an investment of $15.0 million, reaching the PCI goal of Fresno COG.

6.1 Recommendations

NCE recommends that the City increase the funding level to improve the network condition and decrease deferred maintenance. Scenario 3 accomplishes both these objectives by increasing PCI from 46 to 65 and decreasing the deferred maintenance from $12.6 million to $8.4 million by the end of FY 34/35. However, if the City determines that Scenario 3 is unrealistic to implement due to the significant financial commitment, **NCE recommends that the City pursue Scenario 2** (included in Appendix E) considering the following:

1. **Additional Funding –** Actively pursue additional pavement funding sources to fill the gap between the City's existing funding and Scenario 3. Here are some potential sources of funding the City can pursue:

   Federal Funding Sources

   - Congestion Mitigation and Air Quality Improvement Program (CMAQ)
   - Highway Safety Improvement Program (HSIP)
   - Bipartisan Infrastructure Investment and Jobs Act (IIJA)
   - Regional Surface Transportation Program (RSTP)
   - Surface Transportation Program (STP)
   - Demo-High Priority Projects Program
   - Highway Bridge Program (HBP)

   State Funding Sources

   - Active Transportation Program (ATP), which now includes the Bicycle Transportation Account (BTA) and Safe Routes to Schools (SR2S)
   - State Transportation Improvement Program (STIP)
   - State SB1 Local Partnership Program (LPP)

   Local/Regional Funding Sources

   - General funds
   - Local sales tax measures
   - Transportation mitigation fees

2. **Pavement Maintenance Strategies –** Continue with a well-funded preventive maintenance program to preserve the good streets in "Fair" condition and rehabilitation projects to improve pavements in poor condition. This is necessary to maintain at least the portion of the street network in "Fair" condition and avoid increasing the deferred maintenance.

3. **Inspection Strategies –** Monitor future pavement performance and ongoing maintenance needs by updating the required inventory of the City's collector streets every 2 to 3 years at a minimum. NCE recommends that the City also inspect the residential street network every 4 to 5 years.

4. **M&R Decision Tree –** Review and update the M&R treatment strategies and associated unit costs annually to reflect new construction techniques and costs so that the budget analysis results remain reliable and accurate.

Appendix A

Section Description Inventory – Average (Weighted by Area) PCI

Section Description Inventory Report

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

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

Header	Description
Street ID	Street identification in StreetSaver® unique for each street
Street Name	The name of the street as indicated by street signs in the field
Section ID	Section identification number in StreetSaver® unique for each section of one street
Beg Location	Beginning limit of the section
End Location	Ending limit of the section
Functional Class	Functional Classification (A – Arterial, C – Collector, R – Residential
Surface Type	Surface Type (AC = Asphalt Concrete, AC/AC = Asphalt Concrete Overlay of existing Asphalt Concrete, PCC = Portland Cement Concrete, AC/PCC = Asphalt Concrete Overlay of existing Portland Cement Concrete)
Lanes	Number of lanes of the section
Length (ft)	Length of the section in feet
Width (ft)	Average width of the section in feet
Area (sf)	Area of the section in square feet
PCI	Average Inspected PCI for the section
Condition Category	"Very Good" = PCI > 70, "Good" = PCI > 50 & < 70, "Poor" = PCI > 25 & < 50, "Very Poor" = PCI < 25

Appendix A-1

Sections Listed By Name

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
10TH	10TH ST	0100	LASSEN	M ST	C	A - AC	2	1,104	52	57,408	24	12/18/2024	Very Poor
10TH	10TH ST	0200	M ST	N ST	C	A - AC	2	473	52	24,596	34	12/18/2024	Poor
11TH	11TH ST	0100	LASSEN	M ST	C	A - AC	2	951	53	50,403	51	12/18/2024	Fair
11TH	11TH ST	0200	M ST	N ST	C	A - AC	2	450	53	23,850	59	12/18/2024	Fair
11TH	11TH ST	0300	N ST	O ST	C	A - AC	2	488	53	25,864	54	12/18/2024	Fair
11TH	11TH ST	0400	P ST	R ST	R	A - AC	2	418	34	14,212	78	12/18/2024	Good
12TH	12TH ST	0100	END	LASSEN	R	A - AC	2	563	36	20,268	54	12/19/2024	Fair
12TH	12TH ST	0200	M ST	N ST	R	A - AC	2	457	52	23,764	9	12/19/2024	Very Poor
13TH	13TH ST	0200	M ST	O ST	R	A - AC	2	704	52	36,608	11	12/19/2024	Very Poor
14TH	14TH ST	0100	M ST	O ST	R	A - AC	2	702	36	25,272	15	12/19/2024	Very Poor
1ST	01ST ST	0100	GUADALUPE	N ST	R	A - AC	2	937	36	33,732	23	12/19/2024	Very Poor
2ND	02ND ST	0100	GUADALUPE	N ST	R	A - AC	2	934	37	34,558	33	12/19/2024	Poor
2ND	02ND ST	0200	N ST	O ST	R	A - AC	2	221	36	7,956	33	12/19/2024	Poor
3RD	03RD ST	0100	END	M ST	R	A - AC	2	247	36	8,892	1	12/19/2024	Very Poor
3RD	03RD ST	0200	M ST	N ST	R	A - AC	2	719	36	25,884	7	12/19/2024	Very Poor
4TH	04TH ST	0100	LASSEN	AZTECA	C	A - AC	2	1,155	34	39,270	94	12/19/2024	Good
4TH	04TH ST	0200	AZTECA	M ST	C	A - AC	2	491	34	16,694	94	12/19/2024	Good
4TH	04TH ST	0300	M ST	O ST	C	A - AC	2	997	34	33,898	94	12/19/2024	Good
5TH	05TH ST	0100	CENTRAL	END	R	O - AC/AC	2	287	53	15,211	62	12/19/2024	Fair
5TH	05TH ST	0200	END	M ST	R	A - AC	2	298	36	10,728	31	12/19/2024	Poor
5TH	05TH ST	0300	M ST	O ST	R	O - AC/AC	2	948	36	34,128	38	12/19/2024	Poor
6TH	06TH ST	0100	END	O ST	R	O - AC/AC	2	361	37	13,357	55	12/19/2024	Fair
7TH	07TH ST	0100	END	M ST	R	A - AC	2	365	36	13,140	26	12/19/2024	Poor
8TH	08TH ST	0100	END	M ST	R	A - AC	2	489	36	17,604	39	12/19/2024	Poor
8TH	08TH ST	0200	M ST	END	R	O - AC/AC	2	452	53	23,956	62	12/19/2024	Fair
9TH	09TH ST	0100	LASSEN	M ST	C	A - AC	2	1,341	50	67,050	16	12/19/2024	Very Poor
9TH	09TH ST	0200	M ST	O ST	C	O - AC/AC	2	935	50	46,750	68	12/19/2024	Fair
9TH	09TH ST	0300	O ST	1,093' E/O O ST	C	A - AC	2	1,093	50	54,650	58	12/19/2024	Fair
9TH	09TH ST	0400	1,093' E/O O ST	1,593' E/O O ST	C	A - AC	2	500	32	16,000	3	12/19/2024	Very Poor
9TH	09TH ST	0500	1,593' E/O O ST	280' W/O SISKIYOU	C	A - AC	2	1,980	40	79,200	99	7/25/2025	Good
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0100	TORNADO	CHERRY	O	A - AC	2	530	17	9,010	21	12/19/2024	Very Poor
ALLEY11	ALLEY N/O 11TH	0400	N ST	O ST	O	A - AC	2	448	21	9,408	83	12/19/2024	Good
ALLEY4	ALLEY N/O 4TH	0100	CENTRAL	END	O	A - AC	2	648	18	11,664	31	12/19/2024	Poor
APPLE	APPLE AVE	0100	ORANGE	LOS ANGELES	R	A - AC	2	545	36	19,620	44	12/18/2024	Poor
APPLE	APPLE AVE	0200	LOS ANGELES	LASSEN	R	A - AC	2	376	51	19,176	53	12/18/2024	Fair
AZTECA	AZTECA BLVD	0100	END	4TH	R	A - AC	2	1,236	42	51,912	34	12/19/2024	Poor
CENTRAL	CENTRAL AVE	0100	4TH ST	5TH ST	R	O - AC/AC	2	273	53	14,469	22	12/19/2024	Very Poor
CENTRAL	CENTRAL AVE	0200	5TH ST	HURON	R	O - AC/AC	2	585	45	26,325	49	12/19/2024	Poor
CHERRY	CHERRY AVE	0100	GRANADA	ORANGE	R	A - AC	2	303	37	11,211	52	12/18/2024	Fair
CHERRY	CHERRY AVE	0200	ORANGE	LOS ANGELES	R	A - AC	2	439	37	16,243	54	12/18/2024	Fair
CHERRY	CHERRY AVE	0300	LOS ANGELES	LASSEN	R	A - AC	2	338	37	12,506	37	12/18/2024	Poor
CORTE	CORTE WY	0100	END	LASSEN	R	A - AC	2	436	23	10,028	5	12/19/2024	Very Poor
CROCKER	CROCKER AVE	0100	END	LOS ANGELES	R	O - AC/AC	2	383	36	13,788	64	12/18/2024	Fair
CROCKER	CROCKER AVE	0200	LOS ANGELES	END	R	O - AC/AC	2	317	36	11,412	52	12/18/2024	Fair
DINERO	DINERO WY	0100	4TH ST	HURON	R	A - AC	2	901	23	20,723	52	12/19/2024	Fair
FRESNO	FRESNO ST	0100	RAILROAD	MYRTLE	R	A - AC	1	989	13	12,857	60	12/18/2024	Fair
GIFFIN	GIFFEN	0100	11TH ST	MOUREN DR	R	O - AC/AC	2	250	35	8,750	50	12/18/2024	Fair
GIFFIN	GIFFEN	0200	MOUREN DR	PALMER AVE	R	A - AC	2	461	35	16,135	57	12/18/2024	Fair

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
GRANADA	GRANADA AVE	0100	TORNADO	MYRTLE	R	A - AC	2	878	37	32,486	30	12/18/2024	Poor
GUADALUPE	GUADALUPE AVE	0100	END	1ST ST	R	A - AC	2	112	37	4,144	22	12/19/2024	Very Poor
GUADALUPE	GUADALUPE AVE	0200	1ST ST	2ND ST	R	A - AC	2	296	36	10,656	24	12/19/2024	Very Poor
HOME	HOME AVE	0100	ORANGE	LOS ANGELES	R	A - AC	2	296	36	10,656	43	12/18/2024	Poor
HURON	HURON AVE	0100	LASSEN AVE	CENTRAL AVE	C	O - AC/AC	2	330	30	9,900	24	12/19/2024	Very Poor
HURON	HURON AVE	0200	CENTRAL AVE	END	C	A - AC	2	243	30	7,290	21	12/19/2024	Very Poor
LOSANGELES	LOS ANGELES ST	0100	TORNADO	MYRTLE	R	A - AC	2	1,239	37	45,843	33	12/18/2024	Poor
LOSANGELES	LOS ANGELES ST	0200	MYRTLE	RAILROAD	R	O - AC/AC	2	838	36	30,168	61	12/18/2024	Fair
LST	L ST	0100	10TH ST	11TH ST	R	A - AC	2	361	52	18,772	47	12/18/2024	Poor
LST	L ST	0200	11TH ST	END	R	A - AC	2	346	52	17,992	20	12/19/2024	Very Poor
MOUREN	MOUREN DR	0100	O ST	GIFFEN	R	O - AC/AC	2	1,091	33	36,003	38	12/18/2024	Poor
MST	M ST	0100	3RD ST	4TH ST	R	A - AC	2	235	52	12,220	33	12/19/2024	Poor
MST	M ST	0200	4TH ST	7TH ST (S)	R	O - AC/AC	2	883	52	45,916	60	12/19/2024	Fair
MST	M ST	0300	7TH ST (S)	9TH	R	A - AC	2	784	52	40,768	35	12/19/2024	Poor
MST	M ST	0400	9TH ST	11TH ST	R	A - AC	2	853	52	44,356	94	12/19/2024	Good
MST	M ST	0500	11TH ST	PALMER	R	A - AC	2	1,743	52	90,636	44	12/19/2024	Poor
MYRTLE	MYRTLE AVE	0100	GRANADA	LOS ANGELES (N)	R	A - AC	2	895	37	33,115	17	12/18/2024	Very Poor
MYRTLE	MYRTLE AVE	0200	LOS ANGELES (N)	LASSEN	R	A - AC	2	580	36	20,880	16	12/18/2024	Very Poor
NST	N ST	0100	1ST ST	3RD ST	R	A - AC	2	505	36	18,180	23	12/19/2024	Very Poor
NST	N ST	0200	5TH ST	O ST	R	O - AC/AC	2	1,029	37	38,073	48	12/19/2024	Poor
NST	N ST	0300	10TH ST	11TH ST	R	A - AC	2	380	50	19,000	5	12/19/2024	Very Poor
NST	N ST	0400	11TH ST	13TH ST	R	A - AC	2	791	53	41,923	12	12/19/2024	Very Poor
ORANGE	ORANGE AVE	0100	TORNADO	MYRTLE	R	A - AC	2	1,052	36	37,872	54	12/18/2024	Fair
OST	O ST	0100	1ST ST	4TH ST	R	A - AC	2	901	30	27,030	70	12/19/2024	Good
OST	O ST	0200	4TH ST	END	R	A - AC	2	1,013	43	43,559	44	12/19/2024	Poor
OST	O ST	0300	ALLEY N/O 8TH ST	9TH ST	R	A - AC	2	179	21	3,759	59	12/19/2024	Fair
OST	O ST	0400	END	11TH ST	R	A - AC	2	204	53	10,812	28	12/19/2024	Poor
OST	O ST	0500	11TH ST	MOUREN	R	O - AC/AC	2	281	53	14,893	65	12/18/2024	Fair
OST	O ST	0600	13TH ST	PALMER	R	A - AC	2	560	33	18,480	29	12/19/2024	Poor
PALMER	PALMER AVE	0100	LASSEN	O ST	C	A - AC	2	925	36	33,300	4	12/18/2024	Very Poor
PALMER	PALMER AVE	0200	O ST	R ST	C	A - AC	2	867	47	40,749	4	12/18/2024	Very Poor
PALMER	PALMER AVE	0300	R ST	GIFFEN	C	A - AC	2	832	47	39,104	4	12/18/2024	Very Poor
PALMER	PALMER AVE	0400	GIFFEN	END	C	O - AC/AC	2	2,415	40	96,600	74	12/18/2024	Good
PST	P ST	0100	11TH ST	MOUREN	R	O - AC/AC	2	176	32	5,632	73	12/18/2024	Good
RAILROAD	RAILROAD AVE	0100	END	960' W/O LASSEN	R	O - AC/AC	2	600	36	21,600	79	12/18/2024	Good
RAILROAD	RAILROAD AVE	0200	960' W/O LASSEN	LASSEN	C	A - AC	2	960	38	36,480	42	12/18/2024	Poor
RST	R ST	0100	PALMER	END	R	A - AC	2	488	26	12,688	84	12/19/2024	Good
SILVA	SILVA AVE	0100	END	1ST ST	R	A - AC	2	112	35	3,920	31	12/19/2024	Poor
SILVA	SILVA AVE	0200	2ND ST	3RD ST	R	A - AC	2	232	36	8,352	8	12/19/2024	Very Poor
STANFORD	STANFORD AVE	0100	END	LOS ANGELES	R	O - AC/AC	2	266	36	9,576	59	12/18/2024	Fair
STANFORD	STANFORD AVE	0200	LOS ANGELES	END	R	O - AC/AC	2	320	36	11,520	60	12/18/2024	Fair
TORNADO	TORNADO AVE	0100	GRANADA	LASSEN	C	A - AC	2	939	31	29,109	4	12/18/2024	Very Poor
10TH	10TH ST	0300	N ST	O ST	C	G - GRAVEL	2	438	52	22,776	-	-	-
13TH	13TH ST	0100	END	M ST	R	G - GRAVEL	2	148	52	7,696	-	-	-
A-E/O M ST	ALLEY E/O M ST	0100	4TH ST	ALLEY N/O 4TH	O	G - GRAVEL	2	121	30	3,630	-	-	-
A-E/O M ST	ALLEY E/O M ST	0200	ALLEY N/O 8TH ST	9TH ST	O	G - GRAVEL	2	143	20	2,860	-	-	-
A-E/O M ST	ALLEY E/O M ST	0300	8TH ST	ALLEY N/O 8TH ST	O	G - GRAVEL	2	142	30	4,260	-	-	-
A-E/OCENTR	ALLEY E/O CENTRAL AVE	0100	5TH	HURON	O	G - GRAVEL	2	461	24	11,064	-	-	-

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
A-E/OGRANA	ALLEY E/O GRANADA AVE	0100	TORNADO	CHERRY	O	G - GRAVEL	2	311	20	6,220	-	-	-
A-E/OGRANA	ALLEY E/O GRANADA AVE	0200	CHERRY	MYRTLE	O	G - GRAVEL	2	578	20	11,560	-	-	-
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0200	CHERRY	APPLE	O	G - GRAVEL	2	371	20	7,420	-	-	-
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0300	APPLE	ALLEY N/O APPLE	O	G - GRAVEL	2	151	20	3,020	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0100	ALLEY N/O 8TH	9TH	O	G - GRAVEL	2	173	53	9,169	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0200	PALMER	ALLEY N/O PALMER	O	G - GRAVEL	2	179	15	2,685	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0300	PALMER	ALLEY N/O PALMER	O	G - GRAVEL	2	179	36	6,444	-	-	-
A-N.OHOME	ALLEY N/O HOME AVE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	269	20	5,380	-	-	-
A-N/OAPPLE	ALLEY N/O APPLE AVE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	507	20	10,140	-	-	-
A-N/OAPPLE	ALLEY N/O APPLE AVE	0200	LOS ANGELES	LASSEN	O	G - GRAVEL	2	461	20	9,220	-	-	-
A-N/OCHERR	ALLEY N/O CHERRY ACE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	493	20	9,860	-	-	-
A-N/OPALME	ALLEY N/O PALMER AVE	0100	ALLEY E/O LASSEN	R ST	O	G - GRAVEL	2	978	20	19,560	-	-	-
A-S/O13TH	ALLEY S/O 13TH ST	0100	END	M ST	O	G - GRAVEL	2	138	20	2,760	-	-	-
ALLEY10	ALLEY N/O 10TH	0100	LASSEN AVE	L ST	O	G - GRAVEL	2	498	20	9,960	-	-	-
ALLEY10	ALLEY N/O 10TH	0200	L ST	M ST	O	G - GRAVEL	2	423	20	8,460	-	-	-
ALLEY10	ALLEY N/O 10TH	0300	M ST	N ST	O	G - GRAVEL	2	413	20	8,260	-	-	-
ALLEY10	ALLEY N/O 10TH	0400	N ST	O ST	O	G - GRAVEL	2	411	20	8,220	-	-	-
ALLEY11	ALLEY N/O 11TH	0100	LASSEN	L ST	O	G - GRAVEL	2	316	18	5,688	-	-	-
ALLEY11	ALLEY N/O 11TH	0200	L ST	M ST	O	G - GRAVEL	2	428	20	8,560	-	-	-
ALLEY11	ALLEY N/O 11TH	0300	M ST	N ST	O	G - GRAVEL	2	424	20	8,480	-	-	-
ALLEY12	ALLEY N/O 12TH	0100	M ST	N ST	O	G - GRAVEL	2	418	20	8,360	-	-	-
ALLEY13	ALLEY N/O 13TH	0100	M ST	N ST	O	G - GRAVEL	2	666	20	13,320	-	-	-
ALLEY4	ALLEY N/O 4TH	0200	END	M ST	O	G - GRAVEL	2	456	20	9,120	-	-	-
ALLEY4	ALLEY N/O 4TH	0300	M ST	O ST	O	G - GRAVEL	2	916	20	18,320	-	-	-
ALLEY4	ALLEY N/O 4TH	0300	M ST	O ST	O	G - GRAVEL	2	916	20	18,320	-	-	-
ALLEY5	ALLEY N/O 5TH	0100	M ST	NST	O	G - GRAVEL	2	343	20	6,860	-	-	-
ALLEY5	ALLEY N/O 5TH	0200	N ST	O ST	O	G - GRAVEL	2	548	20	10,960	-	-	-
ALLEY8	ALLEY N/O 8TH	0100	ALLEY W/O M ST	M ST	O	G - GRAVEL	2	409	20	8,180	-	-	-
ALLEY8	ALLEY N/O 8TH	0200	M ST	O ST	O	G - GRAVEL	2	885	18	15,930	-	-	-
PALMER	PALMER AVE	0500	END	SISKIYOU	C	G - GRAVEL	2	316	40	12,640	-	-	-
PALMER	PALMER AVE	0600	CITY LIMIT	CITY LIMIT	R	G - GRAVEL	1	2,425	16	38,800	-	-	-
SISKIYOU	SISKYOU AVE	0100	TORNADO	9TH ST	R	G - GRAVEL	2	4,797	16	76,752	-	-	-
TORNADO	TORNADO AVE	0200	LASSEN	SISKIYOU	R	G - GRAVEL	2	5,240	31	162,440	-	-	-

Appendix A-2

Sections Listed by PCI

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
9TH	09TH ST	0500	1,593' E/O O ST	280' W/O SISKIYOU	C	A - AC	2	1,980	40	79,200	99	7/25/2025	Good
4TH	04TH ST	0100	LASSEN	AZTECA	C	A - AC	2	1,155	34	39,270	94	12/19/2024	Good
4TH	04TH ST	0200	AZTECA	M ST	C	A - AC	2	491	34	16,694	94	12/19/2024	Good
4TH	04TH ST	0300	M ST	O ST	C	A - AC	2	997	34	33,898	94	12/19/2024	Good
MST	M ST	0400	9TH ST	11TH ST	R	A - AC	2	853	52	44,356	94	12/19/2024	Good
RST	R ST	0100	PALMER	END	R	A - AC	2	488	26	12,688	84	12/19/2024	Good
ALLEY11	ALLEY N/O 11TH	0400	N ST	O ST	O	A - AC	2	448	21	9,408	83	12/19/2024	Good
RAILROAD	RAILROAD AVE	0100	END	960' W/O LASSEN	R	O - AC/AC	2	600	36	21,600	79	12/18/2024	Good
11TH	11TH ST	0400	P ST	R ST	R	A - AC	2	418	34	14,212	78	12/18/2024	Good
PALMER	PALMER AVE	0400	GIFFEN	END	C	O - AC/AC	2	2,415	40	96,600	74	12/18/2024	Good
PST	P ST	0100	11TH ST	MOUREN	R	O - AC/AC	2	176	32	5,632	73	12/18/2024	Good
OST	O ST	0100	1ST ST	4TH ST	R	A - AC	2	901	30	27,030	70	12/19/2024	Good
9TH	09TH ST	0200	M ST	O ST	C	O - AC/AC	2	935	50	46,750	68	12/19/2024	Fair
OST	O ST	0500	11TH ST	MOUREN	R	O - AC/AC	2	281	53	14,893	65	12/18/2024	Fair
CROCKER	CROCKER AVE	0100	END	LOS ANGELES	R	O - AC/AC	2	383	36	13,788	64	12/18/2024	Fair
5TH	05TH ST	0100	CENTRAL	END	R	O - AC/AC	2	287	53	15,211	62	12/19/2024	Fair
8TH	08TH ST	0200	M ST	END	R	O - AC/AC	2	452	53	23,956	62	12/19/2024	Fair
LOSANGELES	LOS ANGELES ST	0200	MYRTLE	RAILROAD	R	O - AC/AC	2	838	36	30,168	61	12/18/2024	Fair
FRESNO	FRESNO ST	0100	RAILROAD	MYRTLE	R	A - AC	1	989	13	12,857	60	12/18/2024	Fair
MST	M ST	0200	4TH ST	7TH ST (S)	R	O - AC/AC	2	883	52	45,916	60	12/19/2024	Fair
STANFORD	STANFORD AVE	0200	LOS ANGELES	END	R	O - AC/AC	2	320	36	11,520	60	12/18/2024	Fair
11TH	11TH ST	0200	M ST	N ST	C	A - AC	2	450	53	23,850	59	12/18/2024	Fair
OST	O ST	0300	ALLEY N/O 8TH ST	9TH ST	R	A - AC	2	179	21	3,759	59	12/19/2024	Fair
STANFORD	STANFORD AVE	0100	END	LOS ANGELES	R	O - AC/AC	2	266	36	9,576	59	12/18/2024	Fair
9TH	09TH ST	0300	O ST	1,093' E/O O ST	C	A - AC	2	1,093	50	54,650	58	12/19/2024	Fair
GIFFIN	GIFFEN	0200	MOUREN DR	PALMER AVE	R	A - AC	2	461	35	16,135	57	12/18/2024	Fair
6TH	06TH ST	0100	END	O ST	R	O - AC/AC	2	361	37	13,357	55	12/19/2024	Fair
11TH	11TH ST	0300	N ST	O ST	C	A - AC	2	488	53	25,864	54	12/18/2024	Fair
12TH	12TH ST	0100	END	LASSEN	R	A - AC	2	563	36	20,268	54	12/19/2024	Fair
CHERRY	CHERRY AVE	0200	ORANGE	LOS ANGELES	R	A - AC	2	439	37	16,243	54	12/18/2024	Fair
ORANGE	ORANGE AVE	0100	TORNADO	MYRTLE	R	A - AC	2	1,052	36	37,872	54	12/18/2024	Fair
APPLE	APPLE AVE	0200	LOS ANGELES	LASSEN	R	A - AC	2	376	51	19,176	53	12/18/2024	Fair
CHERRY	CHERRY AVE	0100	GRANADA	ORANGE	R	A - AC	2	303	37	11,211	52	12/18/2024	Fair
CROCKER	CROCKER AVE	0200	LOS ANGELES	END	R	O - AC/AC	2	317	36	11,412	52	12/18/2024	Fair
DINERO	DINERO WY	0100	4TH ST	HURON	R	A - AC	2	901	23	20,723	52	12/19/2024	Fair
11TH	11TH ST	0100	LASSEN	M ST	C	A - AC	2	951	53	50,403	51	12/18/2024	Fair
GIFFIN	GIFFEN	0100	11TH ST	MOUREN DR	R	O - AC/AC	2	250	35	8,750	50	12/18/2024	Fair
CENTRAL	CENTRAL AVE	0200	5TH ST	HURON	R	O - AC/AC	2	585	45	26,325	49	12/19/2024	Poor
NST	N ST	0200	5TH ST	O ST	R	O - AC/AC	2	1,029	37	38,073	48	12/19/2024	Poor
LST	L ST	0100	10TH ST	11TH ST	R	A - AC	2	361	52	18,772	47	12/18/2024	Poor
APPLE	APPLE AVE	0100	ORANGE	LOS ANGELES	R	A - AC	2	545	36	19,620	44	12/18/2024	Poor
MST	M ST	0500	11TH ST	PALMER	R	A - AC	2	1,743	52	90,636	44	12/19/2024	Poor
OST	O ST	0200	4TH ST	END	R	A - AC	2	1,013	43	43,559	44	12/19/2024	Poor
HOME	HOME AVE	0100	ORANGE	LOS ANGELES	R	A - AC	2	296	36	10,656	43	12/18/2024	Poor
RAILROAD	RAILROAD AVE	0200	960' W/O LASSEN	LASSEN	C	A - AC	2	960	38	36,480	42	12/18/2024	Poor
8TH	08TH ST	0100	END	M ST	R	A - AC	2	489	36	17,604	39	12/19/2024	Poor
5TH	05TH ST	0300	M ST	O ST	R	O - AC/AC	2	948	36	34,128	38	12/19/2024	Poor
MOUREN	MOUREN DR	0100	O ST	GIFFEN	R	O - AC/AC	2	1,091	33	36,003	38	12/18/2024	Poor

AC - Asphalt Concrete, AC/AC - Asphalt Concrete Overlay of existing AC, G - Gravel
A - Arterial, C - Collector, R - Residential/Local, O - Other/Alleyways

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
CHERRY	CHERRY AVE	0300	LOS ANGELES	LASSEN	R	A - AC	2	338	37	12,506	37	12/18/2024	Poor
MST	M ST	0300	7TH ST (S)	9TH	R	A - AC	2	784	52	40,768	35	12/19/2024	Poor
10TH	10TH ST	0200	M ST	N ST	C	A - AC	2	473	52	24,596	34	12/18/2024	Poor
AZTECA	AZTECA BLVD	0100	END	4TH	R	A - AC	2	1,236	42	51,912	34	12/19/2024	Poor
2ND	02ND ST	0100	GUADALUPE	N ST	R	A - AC	2	934	37	34,558	33	12/19/2024	Poor
2ND	02ND ST	0200	N ST	O ST	R	A - AC	2	221	36	7,956	33	12/19/2024	Poor
LOSANGELES	LOS ANGELES ST	0100	TORNADO	MYRTLE	R	A - AC	2	1,239	37	45,843	33	12/18/2024	Poor
MST	M ST	0100	3RD ST	4TH ST	R	A - AC	2	235	52	12,220	33	12/19/2024	Poor
5TH	05TH ST	0200	END	M ST	R	A - AC	2	298	36	10,728	31	12/19/2024	Poor
ALLEY4	ALLEY N/O 4TH	0100	CENTRAL	END	O	A - AC	2	648	18	11,664	31	12/19/2024	Poor
SILVA	SILVA AVE	0100	END	1ST ST	R	A - AC	2	112	35	3,920	31	12/19/2024	Poor
GRANADA	GRANADA AVE	0100	TORNADO	MYRTLE	R	A - AC	2	878	37	32,486	30	12/18/2024	Poor
OST	O ST	0600	13TH ST	PALMER	R	A - AC	2	560	33	18,480	29	12/19/2024	Poor
OST	O ST	0400	END	11TH ST	R	A - AC	2	204	53	10,812	28	12/19/2024	Poor
7TH	07TH ST	0100	END	M ST	R	A - AC	2	365	36	13,140	26	12/19/2024	Poor
10TH	10TH ST	0100	LASSEN	M ST	C	A - AC	2	1,104	52	57,408	24	12/18/2024	Very Poor
GUADALUPE	GUADALUPE AVE	0200	1ST ST	2ND ST	R	A - AC	2	296	36	10,656	24	12/19/2024	Very Poor
HURON	HURON AVE	0100	LASSEN AVE	CENTRAL AVE	C	O - AC/AC	2	330	30	9,900	24	12/19/2024	Very Poor
1ST	01ST ST	0100	GUADALUPE	N ST	R	A - AC	2	937	36	33,732	23	12/19/2024	Very Poor
NST	N ST	0100	1ST ST	3RD ST	R	A - AC	2	505	36	18,180	23	12/19/2024	Very Poor
CENTRAL	CENTRAL AVE	0100	4TH ST	5TH ST	R	O - AC/AC	2	273	53	14,469	22	12/19/2024	Very Poor
GUADALUPE	GUADALUPE AVE	0100	END	1ST ST	R	A - AC	2	112	37	4,144	22	12/19/2024	Very Poor
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0100	TORNADO	CHERRY	O	A - AC	2	530	17	9,010	21	12/19/2024	Very Poor
HURON	HURON AVE	0200	CENTRAL AVE	END	C	A - AC	2	243	30	7,290	21	12/19/2024	Very Poor
LST	L ST	0200	11TH ST	END	R	A - AC	2	346	52	17,992	20	12/19/2024	Very Poor
MYRTLE	MYRTLE AVE	0100	GRANADA	LOS ANGELES (N)	R	A - AC	2	895	37	33,115	17	12/18/2024	Very Poor
9TH	09TH ST	0100	LASSEN	M ST	C	A - AC	2	1,341	50	67,050	16	12/19/2024	Very Poor
MYRTLE	MYRTLE AVE	0200	LOS ANGELES (N)	LASSEN	R	A - AC	2	580	36	20,880	16	12/18/2024	Very Poor
14TH	14TH ST	0100	M ST	O ST	R	A - AC	2	702	36	25,272	15	12/19/2024	Very Poor
NST	N ST	0400	11TH ST	13TH ST	R	A - AC	2	791	53	41,923	12	12/19/2024	Very Poor
13TH	13TH ST	0200	M ST	O ST	R	A - AC	2	704	52	36,608	11	12/19/2024	Very Poor
12TH	12TH ST	0200	M ST	N ST	R	A - AC	2	457	52	23,764	9	12/19/2024	Very Poor
SILVA	SILVA AVE	0200	2ND ST	3RD ST	R	A - AC	2	232	36	8,352	8	12/19/2024	Very Poor
3RD	03RD ST	0200	M ST	N ST	R	A - AC	2	719	36	25,884	7	12/19/2024	Very Poor
CORTE	CORTE WY	0100	END	LASSEN	R	A - AC	2	436	23	10,028	5	12/19/2024	Very Poor
NST	N ST	0300	10TH ST	11TH ST	R	A - AC	2	380	50	19,000	5	12/19/2024	Very Poor
PALMER	PALMER AVE	0100	LASSEN	O ST	C	A - AC	2	925	36	33,300	4	12/18/2024	Very Poor
PALMER	PALMER AVE	0200	O ST	R ST	C	A - AC	2	867	47	40,749	4	12/18/2024	Very Poor
PALMER	PALMER AVE	0300	R ST	GIFFEN	C	A - AC	2	832	47	39,104	4	12/18/2024	Very Poor
TORNADO	TORNADO AVE	0100	GRANADA	LASSEN	C	A - AC	2	939	31	29,109	4	12/18/2024	Very Poor
9TH	09TH ST	0400	1,093' E/O O ST	1,593' E/O O ST	C	A - AC	2	500	32	16,000	3	12/19/2024	Very Poor
3RD	03RD ST	0100	END	M ST	R	A - AC	2	247	36	8,892	1	12/19/2024	Very Poor
10TH	10TH ST	0300	N ST	O ST	C	G - GRAVEL	2	438	52	22,776	-	-	-
13TH	13TH ST	0100	END	M ST	R	G - GRAVEL	2	148	52	7,696	-	-	-
A-E/O M ST	ALLEY E/O M ST	0100	4TH ST	ALLEY N/O 4TH	O	G - GRAVEL	2	121	30	3,630	-	-	-
A-E/O M ST	ALLEY E/O M ST	0200	ALLEY N/O 8TH ST	9TH ST	O	G - GRAVEL	2	143	20	2,860	-	-	-
A-E/O M ST	ALLEY E/O M ST	0300	8TH ST	ALLEY N/O 8TH ST	O	G - GRAVEL	2	142	30	4,260	-	-	-
A-E/OCENTR	ALLEY E/O CENTRAL AVE	0100	5TH	HURON	O	G - GRAVEL	2	461	24	11,064	-	-	-

Street ID	Street Name	Section ID	Beg Location	End Location	Functional Class	Surface Type	Lanes	Length (LF)	Width (LF)	Area (SF)	PCI	PCI Date	Condition Category
A-E/OGRANA	ALLEY E/O GRANADA AVE	0100	TORNADO	CHERRY	O	G - GRAVEL	2	311	20	6,220	-	-	-
A-E/OGRANA	ALLEY E/O GRANADA AVE	0200	CHERRY	MYRTLE	O	G - GRAVEL	2	578	20	11,560	-	-	-
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0200	CHERRY	APPLE	O	G - GRAVEL	2	371	20	7,420	-	-	-
A-E/OLA ST	ALLEY E/O LOS ANGELES ST	0300	APPLE	ALLEY N/O APPLE	O	G - GRAVEL	2	151	20	3,020	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0100	ALLEY N/O 8TH	9TH	O	G - GRAVEL	2	173	53	9,169	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0200	PALMER	ALLEY N/O PALMER	O	G - GRAVEL	2	179	15	2,685	-	-	-
A-E/OLASAV	ALLEY E/O LASSEN AVE	0300	PALMER	ALLEY N/O PALMER	O	G - GRAVEL	2	179	36	6,444	-	-	-
A-N.OHOME	ALLEY N/O HOME AVE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	269	20	5,380	-	-	-
A-N/OAPPLE	ALLEY N/O APPLE AVE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	507	20	10,140	-	-	-
A-N/OAPPLE	ALLEY N/O APPLE AVE	0200	LOS ANGELES	LASSEN	O	G - GRAVEL	2	461	20	9,220	-	-	-
A-N/OCHERR	ALLEY N/O CHERRY ACE	0100	ORANGE	LOS ANGELES	O	G - GRAVEL	2	493	20	9,860	-	-	-
A-N/OPALME	ALLEY N/O PALMER AVE	0100	ALLEY E/O LASSEN	R ST	O	G - GRAVEL	2	978	20	19,560	-	-	-
A-S/O13TH	ALLEY S/O 13TH ST	0100	END	M ST	O	G - GRAVEL	2	138	20	2,760	-	-	-
ALLEY10	ALLEY N/O 10TH	0100	LASSEN AVE	L ST	O	G - GRAVEL	2	498	20	9,960	-	-	-
ALLEY10	ALLEY N/O 10TH	0200	L ST	M ST	O	G - GRAVEL	2	423	20	8,460	-	-	-
ALLEY10	ALLEY N/O 10TH	0300	M ST	N ST	O	G - GRAVEL	2	413	20	8,260	-	-	-
ALLEY10	ALLEY N/O 10TH	0400	N ST	O ST	O	G - GRAVEL	2	411	20	8,220	-	-	-
ALLEY11	ALLEY N/O 11TH	0100	LASSEN	L ST	O	G - GRAVEL	2	316	18	5,688	-	-	-
ALLEY11	ALLEY N/O 11TH	0200	L ST	M ST	O	G - GRAVEL	2	428	20	8,560	-	-	-
ALLEY11	ALLEY N/O 11TH	0300	M ST	N ST	O	G - GRAVEL	2	424	20	8,480	-	-	-
ALLEY12	ALLEY N/O 12TH	0100	M ST	N ST	O	G - GRAVEL	2	418	20	8,360	-	-	-
ALLEY13	ALLEY N/O 13TH	0100	M ST	N ST	O	G - GRAVEL	2	666	20	13,320	-	-	-
ALLEY4	ALLEY N/O 4TH	0200	END	M ST	O	G - GRAVEL	2	456	20	9,120	-	-	-
ALLEY4	ALLEY N/O 4TH	0300	M ST	O ST	O	G - GRAVEL	2	916	20	18,320	-	-	-
ALLEY4	ALLEY N/O 4TH	0300	M ST	O ST	O	G - GRAVEL	2	916	20	18,320	-	-	-
ALLEY5	ALLEY N/O 5TH	0100	M ST	NST	O	G - GRAVEL	2	343	20	6,860	-	-	-
ALLEY5	ALLEY N/O 5TH	0200	N ST	O ST	O	G - GRAVEL	2	548	20	10,960	-	-	-
ALLEY8	ALLEY N/O 8TH	0100	ALLEY W/O M ST	M ST	O	G - GRAVEL	2	409	20	8,180	-	-	-
ALLEY8	ALLEY N/O 8TH	0200	M ST	O ST	O	G - GRAVEL	2	885	18	15,930	-	-	-
PALMER	PALMER AVE	0500	END	SISKIYOU	C	G - GRAVEL	2	316	40	12,640	-	-	-
PALMER	PALMER AVE	0600	CITY LIMIT	CITY LIMIT	R	G - GRAVEL	1	2,425	16	38,800	-	-	-
SISKIYOU	SISKYOU AVE	0100	TORNADO	9TH ST	R	G - GRAVEL	2	4,797	16	76,752	-	-	-
TORNADO	TORNADO AVE	0200	LASSEN	SISKIYOU	R	G - GRAVEL	2	5,240	31	162,440	-	-	-

Appendix B

Maintenance and Rehabilitation (M&R) Decision Tree

Maintenance and Rehabilitation (M&R) Decision Tree

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

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

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

In the preventive maintenance category (PCI ≥ 70), a time sequence is used to identify the appropriate treatment and cost. Each preventive maintenance treatment description consists of three parts: 1) a CRACK treatment, 2) a SURFACE treatment, and 3) a RESTORATION treatment. These three parts allow the user to specify one of three different preventive maintenance treatments depending on the prior maintenance history of the section.

1. The CRACK treatment part can be used to specify the most frequent type of preventive maintenance activity planned (typically crack seals).
2. The SURFACE treatment part can be used to specify more extensive and less frequent preventive maintenance activities, such as chip seals or slurry seals. For example, a crack seal can be specified on a 3-year cycle with a slurry seal specified after 5 years.
3. The RESTORATION part can be used to specify a surface restoration treatment (such as an overlay) to be performed after a specified number of surface treatments. For example, after a certain number of successive slurry seals, an overlay can be specified instead of another slurry seal.

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

COLUMN	DESCRIPTION
Functional Class	Functional Classification identifying the branch
Surface	Surface Type identifying the branch number.
Condition Category	Condition Category (I through V).
Treatment Type	First Row (Crack Treatment) indicates localized treatment (e.g., crack sealing). Second Row (Surface Treatment) indicates surface treatment (e.g., slurry sealing). Third Row (Restoration Treatment) indicates surface restoration (e.g., overlay).
Treatment	Name of treatments from the "Treatment Descriptions" report.
Yrs. Between Crack Seals	First Row - number of years between successive treatment applications specified in the first row (i.e., CRACK treatment).
Yrs. Between Surface Seals	Second Row - number of years between successive treatment applications specified in the second row (i.e., SURFACE treatment).
Number of Sequential Seals	Number of times that the treatment application in the second row (i.e., SURFACE treatment) will be performed prior to performing the treatment application in the third row.

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

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Arterial	AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SURFACE SEAL W/ CRACK SEAL	$17.25		5	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	$31.00			2
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	$31.00			
		III - Good, Load Related		1.5" MILL AND HMA OVERLAY W/ DIGOUTS	$60.75			
		IV - Poor		2.5" MILL AND HMA OVERLAY W/ DIGOUTS	$90.50			
		V - Very Poor		3" HMA+ 6" AB	$175.00			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SURFACE SEAL W/ CRACK SEAL	$17.25		5	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	$31.00			2
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	$31.00			
		III - Good, Load Related		1.5" MILL AND HMA OVERLAY W/ DIGOUTS	$60.75			
		IV - Poor		2.5" MILL AND HMA OVERLAY W/ DIGOUTS	$90.50			
		V - Very Poor		3" HMA+ 6" AB	$175.00			
	AC/PCC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SURFACE SEAL W/ CRACK SEAL	$17.25		5	
			Restoration Treatment	1.5" MILL AND HMA OVERLAY	$31.00			2
		II - Good, Non-Load Related		1.5" MILL AND HMA OVERLAY	$31.00			
		III - Good, Load Related		1.5" MILL AND HMA OVERLAY W/ DIGOUTS	$60.75			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

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Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Arterial		IV - Poor		2.5" MILL AND HMA OVERLAY	$90.50			
		V - Very Poor		3" HMA+ 6" AB	$175.00			
	PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$6.32		5	
			Restoration Treatment	LIGHT REHABILITATION	$43.07			5
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$24.01		5	
		III - Good, Load Related		LIGHT REHABILITATION	$43.07			
		IV - Poor		HEAVY REHABILITATION	$86.13			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$186.62			
	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		DO NOTHING	$0.00			
		III - Good, Load Related		DO NOTHING	$0.00			
		IV - Poor		DO NOTHING	$0.00			
		V - Very Poor		DO NOTHING	$0.00			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Collector	AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SLURRY SEAL W/ CRACK SEAL	$10.75		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$44.25			2
		II - Good, Non-Load Related		CHIP SEAL+BASE REPAIRS	$12.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$50.50			
		IV - Poor		2.5" MILL AND HMA OVERLAY W/ DIGOUTS	$72.00			
		V - Very Poor		3.5" HMA over 10" FDR OR Reconstruct	$104.00			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SLURRY SEAL W/ CRACK SEAL	$10.75		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$44.25			2
		II - Good, Non-Load Related		CHIP SEAL+BASE REPAIRS	$12.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$50.50			
		IV - Poor		2.5" MILL AND HMA OVERLAY W/ DIGOUTS	$72.00			
		V - Very Poor		3.5" HMA over 10" FDR OR Reconstruct	$104.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$5.62		5	
			Restoration Treatment	LIGHT REHABILITATION	$35.89			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$19.51		5	
		III - Good, Load Related		LIGHT REHABILITATION	$35.89			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Collector		IV - Poor		HEAVY REHABILITATION	$71.78			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$143.55			
	PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$5.62		3	
			Restoration Treatment	LIGHT REHABILITATION	$35.89			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$19.51		5	
		III - Good, Load Related		LIGHT REHABILITATION	$35.89			
		IV - Poor		HEAVY REHABILITATION	$71.78			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$143.55			
	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)	$7.47			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Residential/Local	AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SLURRY SEAL W/ CRACK SEAL	$10.00		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$36.00			2
		II - Good, Non-Load Related		SLURRY SEAL W/ CRACK SEAL	$10.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$46.25			
		IV - Poor		2" MILL AND HMA OVERLAY W/ DIGOUTS	$52.50			
		V - Very Poor		3" HMA OVER 10" FDR OR Reconstruct	$88.75			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SURFACE SEAL W/ CRACK SEAL	$10.00		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$36.00			2
		II - Good, Non-Load Related		SURFACE SEAL W/ CRACK SEAL	$10.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$46.25			
		IV - Poor		2" MILL AND HMA OVERLAY W/ DIGOUTS	$52.50			
		V - Very Poor		3" HMA OVER 10" FDR OR Reconstruct	$88.75			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$4.91		5	
			Restoration Treatment	LIGHT REHABILITATION	$28.71			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$15.01		5	
		III - Good, Load Related		LIGHT REHABILITATION	$28.71			
		IV - Poor		HEAVY REHABILITATION	$57.42			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Residential/Local		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$114.84			
	PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$4.91		5	
			Restoration Treatment	LIGHT REHABILITATION	$28.71			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$15.01		5	
		III - Good, Load Related		LIGHT REHABILITATION	$28.71			
		IV - Poor		HEAVY REHABILITATION	$57.42			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$114.84			
	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)	$7.27			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Other	AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SLURRY SEAL W/ CRACK SEAL	$10.00		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$36.00			2
		II - Good, Non-Load Related		SLURRY SEAL W/ CRACK SEAL	$10.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$46.25			
		IV - Poor		2" MILL AND HMA OVERLAY W/ DIGOUTS	$52.50			
		V - Very Poor		3" HMA OVER 10" FDR OR Reconstruct	$88.75			
	AC/AC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	SLURRY SEAL W/ CRACK SEAL	$10.00		5	
			Restoration Treatment	2" MILL AND HMA OVERLAY	$36.00			2
		II - Good, Non-Load Related		SLURRY SEAL W/ CRACK SEAL	$10.00		5	
		III - Good, Load Related		2" MILL AND HMA OVERLAY	$46.25			
		IV - Poor		2" MILL AND HMA OVERLAY W/ DIGOUTS	$52.50			
		V - Very Poor		3" HMA OVER 10" FDR OR Reconstruct	$88.75			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$4.91		5	
			Restoration Treatment	LIGHT REHABILITATION	$28.71			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$15.01		5	
		III - Good, Load Related		LIGHT REHABILITATION	$28.71			
		IV - Poor		HEAVY REHABILITATION	$57.42			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Decision Tree

Printed: 7/21/2025

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
Decision Tree:	**Default**							
Other		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$114.84			
	PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$1.56	3		
			Surface Treatment	LIGHT MAINTENANCE	$4.91		5	
			Restoration Treatment	LIGHT REHABILITATION	$28.71			2
		II - Good, Non-Load Related		HEAVY MAINTENANCE	$15.01		5	
		III - Good, Load Related		LIGHT REHABILITATION	$28.71			
		IV - Poor		HEAVY REHABILITATION	$57.42			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$114.84			
	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)	$7.27			

Functional Class and Surface combination not used

Selected Treatment is not a Surface Seal

Appendix C

Budget Needs

Budget Needs Reports

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

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

Budget Needs reports included in this appendix are listed below:

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

Appendix C-1

Projected PCI Cost Summary

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Needs - Projected PCI/Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2025	94	46	$185,983	$12,412,871	$12,598,854
2026	89	43	$0	$143,071	$143,071
2027	86	40	$0	$0	$0
2028	84	37	$0	$0	$0
2029	83	35	$0	$0	$0
2030	85	32	$932,284	$514,868	$1,447,152
2031	86	30	$1,157,044	$0	$1,157,044
2032	85	28	$562,809	$0	$562,809
2033	84	26	$416,631	$0	$416,631
2034	84	24	$646,691	$0	$646,691

	% PM	PM Total Cost	Rehab Total Cost	Total Cost
	22.99%	$3,901,442	$13,070,811	$16,972,253

Appendix C-2

Preventive Maintenance Treatment Cost Summary

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Needs - Preventive Maintenance Treatment/Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Treatment	Year	Area Treated		Cost
2" MILL AND HMA OVERLAY	2032	1,532	sq. yd.	$67,830
	2033	9,135.89	sq. yd.	$416,631
	2034	11,208.22	sq. yd.	$582,386
	Total	21,876.11		$1,066,846
SLURRY SEAL W/ CRACK SEAL	2025	14,767.56	sq. yd.	$155,726
	2030	74,900.22	sq. yd.	$897,207
	2031	12,690.44	sq. yd.	$160,472
	2032	34,644.67	sq. yd.	$458,042
	2034	4,928.44	sq. yd.	$64,305
	Total	141,931.33		$1,735,752
SURFACE SEAL W/ CRACK SEAL	2025	3,025.78	sq. yd.	$30,258
	2030	3,025.78	sq. yd.	$35,077
	2031	83,461.33	sq. yd.	$996,572
	2032	3,003.33	sq. yd.	$36,937
	Total	92,516.22		$1,098,844
	Total Quantity	256,323.67		$3,901,442

Appendix C-3

Rehabilitation Treatment Cost Summary

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Needs - Rehabilitation Treatment/Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Treatment	Year	Area Treated	Cost
CHIP SEAL+BASE REPAIRS	2025	14,140.44 sq.yd.	$169,685
	2030	14,140.44 sq.yd.	$196,712
	Total	28,280.89 sq.yd.	$366,397
SURFACE SEAL W/ CRACK SEAL	2025	19,433.78 sq.yd.	$194,338
	2030	19,433.78 sq.yd.	$225,291
	Total	38,867.56 sq.yd.	$419,629
3" HMA OVER 10" FDR OR Reconstruct	2025	39,027.22 sq.yd.	$3,463,666
	Total	39,027.22 sq.yd.	$3,463,666
3.5" HMA over 10" FDR OR Reconstruct	2025	25,844.67 sq.yd.	$2,687,845
	Total	25,844.67 sq.yd.	$2,687,845
2" MILL AND HMA OVERLAY	2025	20,449.33 sq.yd.	$980,846
	2026	3,003.33 sq.yd.	$143,071
	Total	23,452.67 sq.yd.	$1,123,917
SLURRY SEAL W/ CRACK SEAL	2025	8,010.67 sq.yd.	$80,107
	2030	8,010.67 sq.yd.	$92,866
	Total	16,021.33 sq.yd.	$172,972
2.5" MILL AND HMA OVERLAY W/ DIGOUTS	2025	14,264.89 sq.yd.	$1,027,072
	Total	14,264.89 sq.yd.	$1,027,072
2" MILL AND HMA OVERLAY W/ DIGOUTS	2025	72,558.33 sq.yd.	$3,809,313
	Total	72,558.33 sq.yd.	$3,809,313

Total Cost	$13,070,811

Appendix D

Scenario Results

Appendix D-1

Scenario 1

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year	PM	Budget	Rehabilitation			Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2025	25%	$500,000	II	$218,510	Non-Project	$145,641	$0	$12,100,878	Funded	$0
			III	$133,825					Unmet	$72,979
			IV	$0	Project	$0				
			V	$0						
			Total	$352,335						
			Project	$0						
2026	8%	$500,000	II	$0	Non-Project	$41,552	$0	$12,597,294	Funded	$0
			III	$0					Unmet	$402
			IV	$443,625	Project	$0				
			V	$0						
			Total	$443,625						
			Project	$0						
2027	0%	$500,000	II	$0	Non-Project	$0	$0	$13,025,141	Funded	$0
			III	$0					Unmet	$0
			IV	$475,320	Project	$0				
			V	$0						
			Total	$475,320						
			Project	$0						
2028	0%	$500,000	II	$0	Non-Project	$0	$0	$13,923,742	Funded	$0
			III	$0					Unmet	$0
			IV	$429,088	Project	$0				
			V	$44,654						
			Total	$473,742						
			Project	$0						
2029	0%	$500,000	II	$0	Non-Project	$0	$0	$14,657,277	Funded	$0
			III	$0					Unmet	$0
			IV	$481,190	Project	$0				
			V	$0						
			Total	$481,190						
			Project	$0						
2030	25%	$500,000	II	$253,313	Non-Project	$141,015	$0	$15,395,974	Funded	$0
			III	$0					Unmet	$111,474
			IV	$102,593	Project	$0				
			V	$0						
			Total	$355,906						
			Project	$0						
2031	25%	$500,000	II	$0	Non-Project	$130,667	$0	$16,088,600	Funded	$0
			III	$0					Unmet	$466
			IV	$361,673	Project	$0				
			V	$0						
			Total	$361,673						
			Project	$0						
2032	21%	$500,000	II	$0	Non-Project	$138,402	$0	$16,692,363	Funded	$0
			III	$170,835					Unmet	$0
			IV	$0	Project	$0				
			V	$188,239						
			Total	$359,074						
			Project	$0						

Scenarios Criteria:

Criteria:

Year	PM	Budget		Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2033	25%	$500,000	II	$0	Non-Project	$134,835	$0	$17,572,888	Funded	$0
			III	$0					Unmet	$0
			IV	$0	Project	$0				
			V	$360,042						
			Total	$360,042						
			Project	$0						
2034	25%	$500,000	II	$0	Non-Project	$143,708	$0	$18,223,877	Funded	$0
			III	$0					Unmet	$0
			IV	$0	Project	$0				
			V	$351,152						
			Total	$351,152						
			Project	$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	$1,120,311	$532,610	$0	$64,544
Other	$0	$23,623	$0	$3,117
Residential/Local	$2,893,747	$319,587	$0	$117,661
Grand Total:	$4,014,058	$875,820	$0	$185,322

Scenarios Criteria:

Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2025	$500,000	25%	2029	$500,000	0%	2033	$500,000	25%
2026	$500,000	8%	2030	$500,000	25%	2034	$500,000	25%
2027	$500,000	0%	2031	$500,000	25%			
2028	$500,000	0%	2032	$500,000	21%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2025	46	47	1.47	2.93
2026	43	46	0.61	1.22
2027	40	45	0.37	0.74
2028	37	44	0.41	0.82
2029	35	43	0.35	0.71
2030	32	42	1.36	2.72
2031	30	42	0.88	1.58
2032	28	41	0.82	1.65
2033	26	40	0.52	1.04
2034	24	40	0.55	1.10

Percent Network Area by Functional Class and Condition Category

Condition in base year 2025, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	11.4%	5.4%	0.4%	17.2%
II / III	0.0%	8.7%	15.4%	0.0%	24.0%
IV	0.0%	5.5%	27.6%	0.5%	33.6%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.5%	11.4%	0.4%	26.3%
II / III	0.0%	5.6%	9.3%	0.0%	14.9%
IV	0.0%	5.5%	27.6%	0.5%	33.6%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2034 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.9%	21.2%	0.4%	36.5%
II / III	0.0%	2.0%	6.7%	0.0%	8.7%

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

V	0.0%	18.7%	35.2%	0.9%	54.8%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Scenarios Criteria:

Appendix D-2

Scenario 2

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2025	24%	$700,000	II $218,510	Non-Project	$169,272	$0	$11,900,637	Funded	$0
			III $133,825					Unmet	$72,306
			IV $176,610	Project	$0				
			V $0						
			Total $528,945						
			Project $0						
2026	2%	$700,000	II $0	Non-Project	$17,212	$0	$12,203,177	Funded	$0
			III $0					Unmet	$402
			IV $655,834	Project	$0				
			V $0						
			Total $655,834						
			Project $0						
2027	0%	$700,000	II $0	Non-Project	$0	$0	$12,420,880	Funded	$0
			III $0					Unmet	$0
			IV $630,289	Project	$0				
			V $43,353						
			Total $673,642						
			Project $0						
2028	0%	$700,000	II $0	Non-Project	$0	$0	$13,077,997	Funded	$0
			III $0					Unmet	$0
			IV $654,858	Project	$0				
			V $42,240						
			Total $697,098						
			Project $0						
2029	0%	$700,000	II $0	Non-Project	$0	$0	$13,569,131	Funded	$0
			III $156,338					Unmet	$0
			IV $541,881	Project	$0				
			V $0						
			Total $698,219						
			Project $0						
2030	24%	$700,000	II $253,313	Non-Project	$212,915	$0	$14,102,592	Funded	$0
			III $0					Unmet	$106,378
			IV $0	Project	$0				
			V $214,337						
			Total $467,650						
			Project $0						
2031	25%	$700,000	II $0	Non-Project	$190,982	$0	$14,590,933	Funded	$0
			III $0					Unmet	$0
			IV $156,253	Project	$0				
			V $339,374						
			Total $495,627						
			Project $0						
2032	24%	$700,000	II $0	Non-Project	$174,180	$0	$15,018,715	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $508,274						
			Total $508,274						
			Project $0						

Scenarios Criteria:

Criteria:

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2033	25%	$700,000	II $0	Non-Project	$191,974	$0	$15,221,463	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $502,951						
			Total $502,951						
			Project $0						
2034	25%	$700,000	II $0	Non-Project	$181,590	$0	$15,743,840	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $502,077						
			Total $502,077						
			Project $0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	$1,939,194	$526,679	$0	$62,936
Other	$0	$23,249	$0	$3,117
Residential/Local	$3,791,124	$588,198	$0	$113,033
Grand Total:	$5,730,318	$1,138,126	$0	$179,087

Scenarios Criteria:

Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2025	$700,000	24%	2029	$700,000	0%	2033	$700,000	25%
2026	$700,000	2%	2030	$700,000	24%	2034	$700,000	25%
2027	$700,000	0%	2031	$700,000	25%			
2028	$700,000	0%	2032	$700,000	24%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2025	46	48	1.76	3.53
2026	43	48	0.62	1.24
2027	40	47	0.41	0.82
2028	37	47	0.56	1.13
2029	35	47	0.62	1.24
2030	32	46	1.61	3.21
2031	30	46	1.14	2.10
2032	28	46	0.72	1.45
2033	26	46	0.62	1.23
2034	24	46	0.70	1.41

Percent Network Area by Functional Class and Condition Category

Condition in base year 2025, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	11.4%	5.4%	0.4%	17.2%
II / III	0.0%	8.7%	15.4%	0.0%	24.0%
IV	0.0%	5.5%	27.6%	0.5%	33.6%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.5%	12.8%	0.4%	27.6%
II / III	0.0%	5.6%	9.3%	0.0%	14.9%
IV	0.0%	5.5%	26.3%	0.5%	32.3%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2034 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	17.5%	27.1%	0.4%	45.0%
II / III	0.0%	2.0%	6.0%	0.0%	8.0%

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

V	0.0%	16.1%	30.0%	0.9%	47.0%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Scenarios Criteria:

Appendix D-3

Scenario 3

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 65

Year	PM	Budget	Rehabilitation			Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2025	12%	$1,300,000	II	$218,510	Non-Project	$175,530	$0	$11,308,689	Funded	$0
			III	$133,825					Unmet	$70,075
			IV	$762,300	Project	$0				
			V	$0						
			Total	$1,114,635						
			Project	$0						
2026	0%	$1,300,000	II	$0	Non-Project	$10,767	$0	$10,977,940	Funded	$0
			III	$221,901					Unmet	$0
			IV	$1,055,909	Project	$0				
			V	$0						
			Total	$1,277,810						
			Project	$0						
2027	0%	$1,300,000	II	$0	Non-Project	$0	$0	$10,556,115	Funded	$0
			III	$0					Unmet	$0
			IV	$915,544	Project	$0				
			V	$360,869						
			Total	$1,276,412						
			Project	$0						
2028	0%	$1,300,000	II	$0	Non-Project	$0	$0	$10,560,847	Funded	$0
			III	$0					Unmet	$0
			IV	$1,159,249	Project	$0				
			V	$134,291						
			Total	$1,293,540						
			Project	$0						
2029	0%	$1,300,000	II	$0	Non-Project	$0	$0	$10,389,236	Funded	$0
			III	$0					Unmet	$0
			IV	$130,613	Project	$0				
			V	$1,154,836						
			Total	$1,285,449						
			Project	$0						
2030	15%	$1,300,000	II	$253,313	Non-Project	$201,863	$0	$10,073,543	Funded	$0
			III	$0					Unmet	$82,055
			IV	$0	Project	$0				
			V	$836,034						
			Total	$1,089,347						
			Project	$0						
2031	15%	$1,300,000	II	$0	Non-Project	$215,882	$0	$10,008,101	Funded	$0
			III	$0					Unmet	$0
			IV	$156,253	Project	$0				
			V	$925,152						
			Total	$1,081,404						
			Project	$0						
2032	13%	$1,300,000	II	$0	Non-Project	$194,008	$0	$9,540,011	Funded	$0
			III	$0					Unmet	$0
			IV	$0	Project	$0				
			V	$1,105,278						
			Total	$1,105,278						
			Project	$0						

Scenarios Criteria:

Criteria:

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2033	14%	$1,300,000	II $0	Non-Project	$266,279	$0	$8,977,681	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $1,029,712						
			Total $1,029,712						
			Project $0						
2034	14%	$1,300,000	II $0	Non-Project	$205,984	$0	$8,423,255	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $1,092,213						
			Total $1,092,213						
			Project $0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	$6,082,869	$816,022	$0	$39,662
Other	$0	$23,623	$0	$3,117
Residential/Local	$5,562,931	$430,668	$0	$109,351
Grand Total:	$11,645,800	$1,270,313	$0	$152,131

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 65

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2025	$1,300,000	12%	2029	$1,300,000	0%	2033	$1,300,000	14%
2026	$1,300,000	0%	2030	$1,300,000	15%	2034	$1,300,000	14%
2027	$1,300,000	0%	2031	$1,300,000	15%			
2028	$1,300,000	0%	2032	$1,300,000	13%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2025	46	50	2.25	4.50
2026	43	52	0.98	1.96
2027	40	52	0.74	1.48
2028	37	54	0.80	1.61
2029	35	55	0.46	0.92
2030	32	57	1.82	3.64
2031	30	59	1.35	2.50
2032	28	61	1.01	2.02
2033	26	63	1.04	2.09
2034	24	65	1.07	2.14

Percent Network Area by Functional Class and Condition Category

Condition in base year 2025, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	11.4%	5.4%	0.4%	17.2%
II / III	0.0%	8.7%	15.4%	0.0%	24.0%
IV	0.0%	5.5%	27.6%	0.5%	33.6%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.5%	17.1%	0.4%	31.9%
II / III	0.0%	5.6%	9.3%	0.0%	14.9%
IV	0.0%	5.5%	22.0%	0.5%	28.0%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2034 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	33.6%	33.1%	0.4%	67.2%
II / III	0.0%	2.0%	6.0%	0.0%	8.1%

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 65

V	0.0%	0.0%	23.9%	0.9%	24.8%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Scenarios Criteria:

Appendix D-4

Scenario 4

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Cost Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 70

Year	PM	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2025	9%	$1,500,000	II $218,510	Non-Project	$145,641	$0	$11,100,600	Funded	$0
			III $133,825					Unmet	$68,965
			IV $959,414	Project	$0				
			V $40,864						
			Total $1,352,614						
			Project $0						
2026	0%	$1,500,000	II $0	Non-Project	$0	$0	$10,562,082	Funded	$0
			III $221,901					Unmet	$0
			IV $1,268,202	Project	$0				
			V $0						
			Total $1,490,103						
			Project $0						
2027	0%	$1,500,000	II $0	Non-Project	$14,956	$0	$9,912,174	Funded	$0
			III $0					Unmet	$0
			IV $487,763	Project	$0				
			V $989,300						
			Total $1,477,063						
			Project $0						
2028	0%	$1,500,000	II $0	Non-Project	$28,678	$0	$9,692,625	Funded	$0
			III $0					Unmet	$0
			IV $1,159,249	Project	$0				
			V $310,575						
			Total $1,469,824						
			Project $0						
2029	0%	$1,500,000	II $0	Non-Project	$0	$0	$9,296,948	Funded	$0
			III $0					Unmet	$0
			IV $130,613	Project	$0				
			V $1,352,855						
			Total $1,483,469						
			Project $0						
2030	9%	$1,500,000	II $253,313	Non-Project	$146,353	$0	$8,733,447	Funded	$0
			III $0					Unmet	$71,262
			IV $0	Project	$0				
			V $1,093,616						
			Total $1,346,929						
			Project $0						
2031	23%	$1,500,000	II $0	Non-Project	$354,920	$0	$8,513,962	Funded	$0
			III $0					Unmet	$0
			IV $156,253	Project	$0				
			V $987,355						
			Total $1,143,608						
			Project $0						
2032	25%	$1,500,000	II $0	Non-Project	$434,847	$0	$7,692,547	Funded	$0
			III $0					Unmet	$0
			IV $0	Project	$0				
			V $1,064,395						
			Total $1,064,395						
			Project $0						

Scenarios Criteria:

Criteria:

Year	PM	Budget		Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2033	25%	$1,500,000	II	$0	Non-Project	$384,862	$0	$6,983,891	Funded	$0
			III	$0					Unmet	$0
			IV	$0	Project	$0				
			V	$1,099,625						
			Total	$1,099,625						
			Project	$0						
2034	22%	$1,500,000	II	$0	Non-Project	$348,289	$0	$6,373,139	Funded	$0
			III	$0					Unmet	$0
			IV	$0	Project	$0				
			V	$1,145,660						
			Total	$1,145,660						
			Project	$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Collector	$5,915,430	$898,035	$0	$31,756
Other	$262,626	$24,665	$0	$3,117
Residential/Local	$6,895,232	$935,846	$0	$105,354
Grand Total:	$13,073,288	$1,858,546	$0	$140,227

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 70

Year	Budget	PM	Year	Budget	PM	Year	Budget	PM
2025	$1,500,000	9%	2029	$1,500,000	0%	2033	$1,500,000	25%
2026	$1,500,000	0%	2030	$1,500,000	9%	2034	$1,500,000	22%
2027	$1,500,000	0%	2031	$1,500,000	23%			
2028	$1,500,000	0%	2032	$1,500,000	25%			

Projected Network Average PCI by Year

Year	Never Treated	With Selected Treatment	Treated Centerline Miles	Treated Lane Miles
2025	46	51	2.17	4.34
2026	43	53	1.01	2.01
2027	40	54	0.82	1.65
2028	37	56	0.99	1.98
2029	35	58	0.57	1.13
2030	32	61	1.67	3.35
2031	30	63	1.81	3.44
2032	28	66	1.60	3.21
2033	26	68	1.59	3.18
2034	24	70	1.64	3.28

Percent Network Area by Functional Class and Condition Category

Condition in base year 2025, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	11.4%	5.4%	0.4%	17.2%
II / III	0.0%	8.7%	15.4%	0.0%	24.0%
IV	0.0%	5.5%	27.6%	0.5%	33.6%
V	0.0%	10.0%	14.7%	0.4%	25.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2025 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	14.5%	18.7%	0.4%	33.6%
II / III	0.0%	5.6%	9.3%	0.0%	14.9%
IV	0.0%	5.5%	20.5%	0.5%	26.5%
V	0.0%	10.0%	14.5%	0.4%	24.9%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Condition in year 2034 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
I	0.0%	33.6%	39.2%	1.3%	74.1%
II / III	0.0%	2.0%	4.8%	0.0%	6.8%

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Network Condition Summary

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Improve PCI to 70

V	0.0%	0.0%	19.1%	0.0%	19.1%
Total	0.0%	35.6%	63.1%	1.3%	100.0%

Scenarios Criteria:

Appendix E

Sections Selected for Treatment

Appendix E-1

Scenario 1

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year	Budget	PM
2025	$500,000	25%
2026	$500,000	8%
2027	$500,000	0%
2028	$500,000	0%

Year	Budget	PM
2029	$500,000	0%
2030	$500,000	25%
2031	$500,000	25%
2032	$500,000	21%

Year	Budget	PM
2033	$500,000	25%
2034	$500,000	25%

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
09TH ST	M ST	O ST	9TH	0200	935	50	46,750	C	AC/AC		68	69	78	$62,333	9,286	CHIP SEAL+BASE REPAIRS
												Treatment Total		$62,333		
05TH ST	CENTRAL	END	5TH	0100	287	53	15,211	R	AC/AC		62	63	73	$16,901	9,493	SURFACE SEAL W/ CRACK SEAL
08TH ST	M ST	END	8TH	0200	452	53	23,956	R	AC/AC		62	63	73	$26,618	10,927	SURFACE SEAL W/ CRACK SEAL
CROCKER AVE	END	LOS ANGELES	CROCKER	0100	383	36	13,788	R	AC/AC		64	65	75	$15,320	8,492	SURFACE SEAL W/ CRACK SEAL
LOS ANGELES ST	MYRTLE	RAILROAD	LOSANGELES	0200	838	36	30,168	R	AC/AC		61	62	72	$33,520	11,815	SURFACE SEAL W/ CRACK SEAL
M ST	4TH ST	7TH ST (S)	MST	0200	883	52	45,916	R	AC/AC		60	61	71	$51,018	10,795	SURFACE SEAL W/ CRACK SEAL
P ST	11TH ST	MOUREN	PST	0100	176	32	5,632	R	AC/AC		73	74	82	$6,258	9,063	SURFACE SEAL W/ CRACK SEAL
RAILROAD AVE	END	960' W/O LASSEN	RAILROAD	0100	600	36	21,600	R	AC/AC		79	80	88	$24,000	10,631	SURFACE SEAL W/ CRACK SEAL
STANFORD AVE	LOS ANGELES	END	STANFORD	0200	320	36	11,520	R	AC/AC		60	61	71	$12,800	10,983	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$186,434		
11TH ST	M ST	N ST	11TH	0200	450	53	23,850	C	AC		59	61	100	$133,825	9,230	2" MILL AND HMA OVERLAY
												Treatment Total		$133,825		
PALMER AVE	GIFFEN	END	PALMER	0400	2,415	40	96,600	C	AC/AC		74	75	83	$115,383	11,214	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$115,383		
				Year 2025 Area Total			334,991					Year 2025 Total		$497,976		

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
11TH ST	P ST	R ST	11TH	0400	418	34	14,212	R	AC		78	77	85	$16,265	9,401	SLURRY SEAL W/ CRACK SEAL
ALLEY N/O 11TH	N ST	O ST	ALLEY11	0400	448	21	9,408	O	AC		83	82	90	$10,767	9,240	SLURRY SEAL W/ CRACK SEAL
R ST	PALMER	END	RST	0100	488	26	12,688	R	AC		84	84	91	$14,521	10,826	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$41,552		
APPLE AVE	ORANGE	LOS ANGELES	APPLE	0100	545	36	19,620	R	AC		44	43	100	$117,884	8,378	2" MILL AND HMA OVERLAY W/ DIGOUTS
HOME AVE	ORANGE	LOS ANGELES	HOME	0100	296	36	10,656	R	AC		43	42	100	$64,025	8,424	2" MILL AND HMA OVERLAY W/ DIGOUTS
O ST	4TH ST	END	OST	0200	1,013	43	43,559	R	AC		43	42	100	$261,717	8,397	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$443,625		
							Year 2026 Area Total		110,143			Year 2026 Total		$485,178		

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
CHERRY AVE	GRANADA	ORANGE	CHERRY	0100	303	37	11,211	R	AC		52	48	100	$69,380	7,899	2" MILL AND HMA OVERLAY W/ DIGOUTS
GIFFEN	11TH ST	MOUREN DR	GIFFIN	0100	250	35	8,750	R	AC/AC		50	47	100	$54,150	7,880	2" MILL AND HMA OVERLAY W/ DIGOUTS
L ST	10TH ST	11TH ST	LST	0100	361	52	18,772	R	AC		47	43	100	$116,172	8,128	2" MILL AND HMA OVERLAY W/ DIGOUTS
N ST	5TH ST	O ST	NST	0200	1,029	37	38,073	R	AC/AC		48	45	100	$235,618	7,982	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$475,320		
							Year 2027 Area Total		76,806			Year 2027 Total		$475,320		

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
GUADALUPE AVE	END	1ST ST	GUADALUPE	0100	112	37	4,144	R	AC		22	14	100	$44,654	4,579	3" HMA OVER 10" FDR OR Reconstruct
												Treatment Total		$44,654		
12TH ST	END	LASSEN	12TH	0100	563	36	20,268	R	AC		54	48	100	$129,193	7,663	2" MILL AND HMA OVERLAY W/ DIGOUTS
CENTRAL AVE	5TH ST	HURON	CENTRAL	0200	585	45	26,325	R	AC/AC		49	44	100	$167,802	7,801	2" MILL AND HMA OVERLAY W/ DIGOUTS
DINERO WY	4TH ST	HURON	DINERO	0100	901	23	20,723	R	AC		52	46	100	$132,093	7,747	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$429,088		
						Year 2028 Area Total		71,460				Year 2028 Total		$473,742		

Year: 2029

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
APPLE AVE	LOS ANGELES	LASSEN	APPLE	0200	376	51	19,176	R	AC		53	46	100	$125,899	7,521	2" MILL AND HMA OVERLAY W/ DIGOUTS
CHERRY AVE	ORANGE	LOS ANGELES	CHERRY	0200	439	37	16,243	R	AC		54	46	100	$106,643	7,546	2" MILL AND HMA OVERLAY W/ DIGOUTS
ORANGE AVE	TORNADO	MYRTLE	ORANGE	0100	1,052	36	37,872	R	AC		54	46	100	$248,647	7,542	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$481,190		
						Year 2029 Area Total		73,291				Year 2029 Total		$481,190		

Year: 2030

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
09TH ST	M ST	O ST	9TH	0200	935	50	46,750	C	AC/AC		68	67	77	$72,261	8,024	CHIP SEAL+BASE REPAIRS
												Treatment Total		$72,261		
05TH ST	CENTRAL	END	5TH	0100	287	53	15,211	R	AC/AC		62	64	74	$19,593	8,226	SURFACE SEAL W/ CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year: 2030

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
08TH ST	M ST	END	8TH	0200	452	53	23,956	R	AC/AC		62	65	75	$30,857	9,567	SURFACE SEAL W/ CRACK SEAL
CROCKER AVE	END	LOS ANGELES	CROCKER	0100	383	36	13,788	R	AC/AC		64	64	74	$17,760	7,339	SURFACE SEAL W/ CRACK SEAL
LOS ANGELES ST	MYRTLE	RAILROAD	LOSANGELES	0200	838	36	30,168	R	AC/AC		61	65	75	$38,859	10,505	SURFACE SEAL W/ CRACK SEAL
M ST	4TH ST	7TH ST (S)	MST	0200	883	52	45,916	R	AC/AC		60	64	74	$59,144	9,461	SURFACE SEAL W/ CRACK SEAL
P ST	11TH ST	MOUREN	PST	0100	176	32	5,632	R	AC/AC		73	73	82	$7,254	7,889	SURFACE SEAL W/ CRACK SEAL
STANFORD AVE	LOS ANGELES	END	STANFORD	0200	320	36	11,520	R	AC/AC		60	64	74	$14,839	9,662	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$188,306		
PALMER AVE	GIFFEN	END	PALMER	0400	2,415	40	96,600	C	AC/AC		74	74	82	$133,761	9,782	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$133,761		
CROCKER AVE	LOS ANGELES	END	CROCKER	0200	317	36	11,412	R	AC/AC		52	43	100	$77,173	7,392	2" MILL AND HMA OVERLAY W/ DIGOUTS
O ST	ALLEY N/O 8TH ST	9TH ST	OST	0300	179	21	3,759	R	AC		58	47	100	$25,420	7,303	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$102,593		
				Year 2030 Area Total			304,712					Year 2030 Total		$496,921		

Year: 2031

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
11TH ST	M ST	N ST	11TH	0200	450	53	23,850	C	AC		59	81	89	$34,016	9,349	SLURRY SEAL W/ CRACK SEAL
04TH ST	LASSEN	AZTECA	4TH	0100	1,155	34	39,270	C	AC		94	83	90	$56,008	9,313	SLURRY SEAL W/ CRACK SEAL
04TH ST	AZTECA	M ST	4TH	0200	491	34	16,694	C	AC		94	83	90	$23,809	9,313	SLURRY SEAL W/ CRACK SEAL
R ST	PALMER	END	RST	0100	488	26	12,688	R	AC		84	84	91	$16,833	9,145	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$130,667		

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Year: 2031

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
06TH ST	END	O ST	6TH	0100	361	37	13,357	R	AC/AC		55	42	100	$93,036	7,232	2" MILL AND HMA OVERLAY W/ DIGOUTS
FRESNO ST	RAILROAD	MYRTLE	FRESNO	0100	989	13	12,857	R	AC		60	49	100	$89,553	6,916	2" MILL AND HMA OVERLAY W/ DIGOUTS
GIFFEN	MOUREN DR	PALMER AVE	GIFFIN	0200	461	35	16,135	R	AC		57	45	100	$112,385	7,145	2" MILL AND HMA OVERLAY W/ DIGOUTS
STANFORD AVE	END	LOS ANGELES	STANFORD	0100	266	36	9,576	R	AC/AC		59	50	100	$66,700	6,795	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$361,673		
							Year 2031 Area Total		144,427			Year 2031 Total		$492,340		

Year: 2032

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
APPLE AVE	ORANGE	LOS ANGELES	APPLE	0100	545	36	19,620	R	AC		44	84	91	$26,811	7,105	SURFACE SEAL W/ CRACK SEAL
RAILROAD AVE	END	960' W/O LASSEN	RAILROAD	0100	600	36	21,600	R	AC/AC		79	78	86	$29,517	9,062	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$56,328		
SILVA AVE	END	1ST ST	SILVA	0100	112	35	3,920	R	AC		31	11	100	$47,541	4,069	3" HMA OVER 10" FDR OR Reconstruct
												Treatment Total		$47,541		
HURON AVE	LASSEN AVE	CENTRAL AVE	HURON	0100	330	30	9,900	C	AC/AC		24	0	100	$140,698	4,126	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$140,698		
O ST	1ST ST	4TH ST	OST	0100	901	30	27,030	R	AC		70	61	100	$170,835	6,531	2" MILL AND HMA OVERLAY
												Treatment Total		$170,835		
11TH ST	P ST	R ST	11TH	0400	418	34	14,212	R	AC		78	75	83	$19,421	8,092	SLURRY SEAL W/ CRACK SEAL
04TH ST	M ST	O ST	4TH	0300	997	34	33,898	C	AC		94	81	88	$49,797	9,117	SLURRY SEAL W/ CRACK SEAL
ALLEY N/O 11TH	N ST	O ST	ALLEY11	0400	448	21	9,408	O	AC		83	80	88	$12,856	8,353	SLURRY SEAL W/ CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

													Treatment Total			$82,074	
							Year 2032 Area Total		139,588				Year 2032 Total			$497,476	

Year: 2033

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
HOME AVE	ORANGE	LOS ANGELES	HOME	0100	296	36	10,656	R	AC		43	83	90	$14,999	7,457	SURFACE SEAL W/ CRACK SEAL
													Treatment Total	$14,999		
10TH ST	M ST	N ST	10TH	0200	473	52	24,596	C	AC		34	0	100	$360,042	4,006	3.5" HMA over 10" FDR OR Reconstruct
													Treatment Total	$360,042		
09TH ST	1,593' E/O O ST	280' W/O SISKIYOU	9TH	0500	1,980	40	79,200	C	AC		99	82	90	$119,836	8,822	SLURRY SEAL W/ CRACK SEAL
													Treatment Total	$119,836		
							Year 2033 Area Total		114,452				Year 2033 Total	$494,877		

Year: 2034

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
CHERRY AVE	GRANADA	ORANGE	CHERRY	0100	303	37	11,211	R	AC		52	83	90	$16,253	7,240	SURFACE SEAL W/ CRACK SEAL
O ST	4TH ST	END	OST	0200	1,013	43	43,559	R	AC		43	81	89	$63,150	7,679	SURFACE SEAL W/ CRACK SEAL
													Treatment Total	$79,403		
09TH ST	1,093' E/O O ST	1,593' E/O O ST	9TH	0400	500	32	16,000	C	AC		3	0	100	$241,238	3,889	3.5" HMA over 10" FDR OR Reconstruct
HURON AVE	CENTRAL AVE	END	HURON	0200	243	30	7,290	C	AC		20	0	100	$109,914	3,889	3.5" HMA over 10" FDR OR Reconstruct
													Treatment Total	$351,152		
M ST	9TH ST	11TH ST	MST	0400	853	52	44,356	R	AC		94	84	91	$64,305	9,602	SLURRY SEAL W/ CRACK SEAL
													Treatment Total	$64,305		
							Year 2034 Area Total		122,416				Year 2034 Total	$494,860		

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: City Current Budget

Grand Total Section Area:	1,492,286	Grand Total	$4,889,880

Appendix E-2

Scenario 2 (Recommended Scenario)

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year	Budget	PM
2025	$700,000	24%
2026	$700,000	2%
2027	$700,000	0%
2028	$700,000	0%

Year	Budget	PM
2029	$700,000	0%
2030	$700,000	24%
2031	$700,000	25%
2032	$700,000	24%

Year	Budget	PM
2033	$700,000	25%
2034	$700,000	25%

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
09TH ST	M ST	O ST	9TH	0200	935	50	46,750	C	AC/AC		68	69	78	$62,333	9,286	CHIP SEAL+BASE REPAIRS
												Treatment Total		$62,333		
05TH ST	CENTRAL	END	5TH	0100	287	53	15,211	R	AC/AC		62	63	73	$16,901	9,493	SURFACE SEAL W/ CRACK SEAL
08TH ST	M ST	END	8TH	0200	452	53	23,956	R	AC/AC		62	63	73	$26,618	10,927	SURFACE SEAL W/ CRACK SEAL
CROCKER AVE	END	LOS ANGELES	CROCKER	0100	383	36	13,788	R	AC/AC		64	65	75	$15,320	8,492	SURFACE SEAL W/ CRACK SEAL
LOS ANGELES ST	MYRTLE	RAILROAD	LOSANGELES	0200	838	36	30,168	R	AC/AC		61	62	72	$33,520	11,815	SURFACE SEAL W/ CRACK SEAL
M ST	4TH ST	7TH ST (S)	MST	0200	883	52	45,916	R	AC/AC		60	61	71	$51,018	10,795	SURFACE SEAL W/ CRACK SEAL
RAILROAD AVE	END	960' W/O LASSEN	RAILROAD	0100	600	36	21,600	R	AC/AC		79	80	88	$24,000	10,631	SURFACE SEAL W/ CRACK SEAL
STANFORD AVE	LOS ANGELES	END	STANFORD	0200	320	36	11,520	R	AC/AC		60	61	71	$12,800	10,983	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$180,177		
11TH ST	M ST	N ST	11TH	0200	450	53	23,850	C	AC		59	61	100	$133,825	9,230	2" MILL AND HMA OVERLAY
												Treatment Total		$133,825		
11TH ST	P ST	R ST	11TH	0400	418	34	14,212	R	AC		78	79	87	$15,791	9,357	SLURRY SEAL W/ CRACK SEAL
PALMER AVE	GIFFEN	END	PALMER	0400	2,415	40	96,600	C	AC/AC		74	75	83	$115,383	11,214	SLURRY SEAL W/ CRACK SEAL
R ST	PALMER	END	RST	0100	488	26	12,688	R	AC		84	85	92	$14,098	10,522	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$145,272		

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year: 2025

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
APPLE AVE	ORANGE	LOS ANGELES	APPLE	0100	545	36	19,620	R	AC		44	45	100	$114,450	8,514	2" MILL AND HMA OVERLAY W/ DIGOUTS
HOME AVE	ORANGE	LOS ANGELES	HOME	0100	296	36	10,656	R	AC		43	44	100	$62,160	8,568	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$176,610		
							Year 2025 Area Total		386,535			Year 2025 Total		$698,217		

Year: 2026

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
P ST	11TH ST	MOUREN	PST	0100	176	32	5,632	R	AC/AC		73	72	81	$6,446	8,950	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$6,446		
ALLEY N/O 11TH	N ST	O ST	ALLEY11	0400	448	21	9,408	O	AC		83	82	90	$10,767	9,240	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$10,767		
GIFFEN	11TH ST	MOUREN DR	GIFFIN	0100	250	35	8,750	R	AC/AC		50	49	100	$52,573	7,980	2" MILL AND HMA OVERLAY W/ DIGOUTS
L ST	10TH ST	11TH ST	LST	0100	361	52	18,772	R	AC		47	46	100	$112,788	8,256	2" MILL AND HMA OVERLAY W/ DIGOUTS
N ST	5TH ST	O ST	NST	0200	1,029	37	38,073	R	AC/AC		48	47	100	$228,755	8,097	2" MILL AND HMA OVERLAY W/ DIGOUTS
O ST	4TH ST	END	OST	0200	1,013	43	43,559	R	AC		43	42	100	$261,717	8,397	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$655,834		
							Year 2026 Area Total		124,194			Year 2026 Total		$673,046		

Year: 2027

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
GUADALUPE AVE	END	1ST ST	GUADALUPE	0100	112	37	4,144	R	AC		22	17	100	$43,353	4,717	3" HMA OVER 10" FDR OR Reconstruct

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

											Treatment Total			$43,353		
CHERRY AVE	GRANADA	ORANGE	CHERRY	0100	303	37	11,211	R	AC		52	48	100	$69,380	7,899	2" MILL AND HMA OVERLAY W/ DIGOUTS
M ST	11TH ST	PALMER	MST	0500	1,743	52	90,636	R	AC		44	40	100	$560,908	8,229	2" MILL AND HMA OVERLAY W/ DIGOUTS
											Treatment Total			$630,289		
					Year 2027 Area Total		105,991				Year 2027 Total			$673,642		

Year: 2028

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
SILVA AVE	END	1ST ST	SILVA	0100	112	35	3,920	R	AC		31	24	100	$42,240	4,579	3" HMA OVER 10" FDR OR Reconstruct
											Treatment Total			$42,240		
12TH ST	END	LASSEN	12TH	0100	563	36	20,268	R	AC		54	48	100	$129,193	7,663	2" MILL AND HMA OVERLAY W/ DIGOUTS
APPLE AVE	LOS ANGELES	LASSEN	APPLE	0200	376	51	19,176	R	AC		53	48	100	$122,232	7,623	2" MILL AND HMA OVERLAY W/ DIGOUTS
CENTRAL AVE	5TH ST	HURON	CENTRAL	0200	585	45	26,325	R	AC/AC		49	44	100	$167,802	7,801	2" MILL AND HMA OVERLAY W/ DIGOUTS
CHERRY AVE	ORANGE	LOS ANGELES	CHERRY	0200	439	37	16,243	R	AC		54	48	100	$103,537	7,648	2" MILL AND HMA OVERLAY W/ DIGOUTS
DINERO WY	4TH ST	HURON	DINERO	0100	901	23	20,723	R	AC		52	46	100	$132,093	7,747	2" MILL AND HMA OVERLAY W/ DIGOUTS
											Treatment Total			$654,858		
					Year 2028 Area Total		106,655				Year 2028 Total			$697,098		

Year: 2029

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
O ST	1ST ST	4TH ST	OST	0100	901	30	27,030	R	AC		70	65	100	$156,338	6,425	2" MILL AND HMA OVERLAY
											Treatment Total			$156,338		
06TH ST	END	O ST	6TH	0100	361	37	13,357	R	AC/AC		55	47	100	$87,695	7,456	2" MILL AND HMA OVERLAY W/ DIGOUTS
CROCKER AVE	LOS ANGELES	END	CROCKER	0200	317	36	11,412	R	AC/AC		52	45	100	$74,925	7,510	2" MILL AND HMA OVERLAY W/ DIGOUTS

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year: 2029

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
GIFFEN	MOUREN DR	PALMER AVE	GIFFIN	0200	461	35	16,135	R	AC		57	50	100	$105,934	7,336	2" MILL AND HMA OVERLAY W/ DIGOUTS
ORANGE AVE	TORNADO	MYRTLE	ORANGE	0100	1,052	36	37,872	R	AC		54	46	100	$248,647	7,542	2" MILL AND HMA OVERLAY W/ DIGOUTS
O ST	ALLEY N/O 8TH ST	9TH ST	OST	0300	179	21	3,759	R	AC		58	50	100	$24,680	7,393	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$541,881		
									Year 2029 Area Total		109,565		Year 2029 Total	$698,219		

Year: 2030

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
09TH ST	M ST	O ST	9TH	0200	935	50	46,750	C	AC/AC		68	67	77	$72,261	8,024	CHIP SEAL+BASE REPAIRS
												Treatment Total		$72,261		
05TH ST	CENTRAL	END	5TH	0100	287	53	15,211	R	AC/AC		62	64	74	$19,593	8,226	SURFACE SEAL W/ CRACK SEAL
08TH ST	M ST	END	8TH	0200	452	53	23,956	R	AC/AC		62	65	75	$30,857	9,567	SURFACE SEAL W/ CRACK SEAL
CROCKER AVE	END	LOS ANGELES	CROCKER	0100	383	36	13,788	R	AC/AC		64	64	74	$17,760	7,339	SURFACE SEAL W/ CRACK SEAL
LOS ANGELES ST	MYRTLE	RAILROAD	LOSANGELES	0200	838	36	30,168	R	AC/AC		61	65	75	$38,859	10,505	SURFACE SEAL W/ CRACK SEAL
M ST	4TH ST	7TH ST (S)	MST	0200	883	52	45,916	R	AC/AC		60	64	74	$59,144	9,461	SURFACE SEAL W/ CRACK SEAL
RAILROAD AVE	END	960' W/O LASSEN	RAILROAD	0100	600	36	21,600	R	AC/AC		79	80	88	$27,823	9,070	SURFACE SEAL W/ CRACK SEAL
STANFORD AVE	LOS ANGELES	END	STANFORD	0200	320	36	11,520	R	AC/AC		60	64	74	$14,839	9,662	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$208,874		
09TH ST	1,093' E/O O ST	1,593' E/O O ST	9TH	0400	500	32	16,000	C	AC		3	0	100	$214,337	4,377	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$214,337		
11TH ST	M ST	N ST	11TH	0200	450	53	23,850	C	AC		59	83	90	$33,025	8,789	SLURRY SEAL W/ CRACK SEAL

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year: 2030

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
11TH ST	P ST	R ST	11TH	0400	418	34	14,212	R	AC		78	78	86	$18,306	8,263	SLURRY SEAL W/ CRACK SEAL
PALMER AVE	GIFFEN	END	PALMER	0400	2,415	40	96,600	C	AC/AC		74	74	82	$133,761	9,782	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$185,092		
							Year 2030 Area Total		359,571			Year 2030 Total		$680,564		

Year: 2031

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
APPLE AVE	ORANGE	LOS ANGELES	APPLE	0100	545	36	19,620	R	AC		44	84	91	$26,030	7,318	SURFACE SEAL W/ CRACK SEAL
P ST	11TH ST	MOUREN	PST	0100	176	32	5,632	R	AC/AC		73	72	80	$7,472	7,756	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$33,502		
10TH ST	M ST	N ST	10TH	0200	473	52	24,596	C	AC		34	2	100	$339,374	4,250	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$339,374		
04TH ST	LASSEN	AZTECA	4TH	0100	1,155	34	39,270	C	AC		94	83	90	$56,008	9,313	SLURRY SEAL W/ CRACK SEAL
04TH ST	AZTECA	M ST	4TH	0200	491	34	16,694	C	AC		94	83	90	$23,809	9,313	SLURRY SEAL W/ CRACK SEAL
04TH ST	M ST	O ST	4TH	0300	997	34	33,898	C	AC		94	83	90	$48,346	9,313	SLURRY SEAL W/ CRACK SEAL
ALLEY N/O 11TH	N ST	O ST	ALLEY11	0400	448	21	9,408	O	AC		83	82	89	$12,482	8,218	SLURRY SEAL W/ CRACK SEAL
R ST	PALMER	END	RST	0100	488	26	12,688	R	AC		84	84	91	$16,833	9,313	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$157,479		
FRESNO ST	RAILROAD	MYRTLE	FRESNO	0100	989	13	12,857	R	AC		60	49	100	$89,553	6,916	2" MILL AND HMA OVERLAY W/ DIGOUTS
STANFORD AVE	END	LOS ANGELES	STANFORD	0100	266	36	9,576	R	AC/AC		59	50	100	$66,700	6,795	2" MILL AND HMA OVERLAY W/ DIGOUTS
												Treatment Total		$156,253		

** - Treatment from Project Selection

Scenarios Criteria:

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

					Year 2031 Area Total		184,239			Year 2031 Total				$686,608		
Year: 2032																	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
GIFFEN	11TH ST	MOUREN DR	GIFFIN	0100	250	35	8,750	R	AC/AC		50	84	91	$11,957	7,105	SURFACE SEAL W/ CRACK SEAL
HOME AVE	ORANGE	LOS ANGELES	HOME	0100	296	36	10,656	R	AC		43	83	90	$14,562	7,681	SURFACE SEAL W/ CRACK SEAL
L ST	10TH ST	11TH ST	LST	0100	361	52	18,772	R	AC		47	84	91	$25,652	7,105	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$52,171		
11TH ST	N ST	O ST	11TH	0300	488	53	25,864	C	AC		54	25	100	$367,576	4,126	3.5" HMA over 10" FDR OR Reconstruct
HURON AVE	LASSEN AVE	CENTRAL AVE	HURON	0100	330	30	9,900	C	AC/AC		24	0	100	$140,698	4,126	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$508,274		
09TH ST	1,593' E/O O ST	280' W/O SISKIYOU	9TH	0500	1,980	40	79,200	C	AC		99	84	91	$116,346	8,878	SLURRY SEAL W/ CRACK SEAL
GUADALUPE AVE	END	1ST ST	GUADALUPE	0100	112	37	4,144	R	AC		22	85	91	$5,663	6,492	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$122,009		
					Year 2032 Area Total		157,286			Year 2032 Total				$682,454		
Year: 2033																	
Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
N ST	5TH ST	O ST	NST	0200	1,029	37	38,073	R	AC/AC		48	83	90	$53,589	7,457	SURFACE SEAL W/ CRACK SEAL
O ST	4TH ST	END	OST	0200	1,013	43	43,559	R	AC		43	83	90	$61,310	7,457	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$114,899		
12TH ST	M ST	N ST	12TH	0200	457	52	23,764	R	AC		9	0	100	$296,854	3,950	3" HMA OVER 10" FDR OR Reconstruct
02ND ST	N ST	O ST	2ND	0200	221	36	7,956	R	AC		33	10	100	$99,384	3,950	3" HMA OVER 10" FDR OR Reconstruct
												Treatment Total		$396,239		

** - Treatment from Project Selection

Scenarios Criteria:

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenarios - Sections Selected for Treatment

Interest: 3.00% Inflation: 3.00% Printed: 8/5/2025

Scenario: Maintain at PCI of 46

Year: 2033

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
HURON AVE	CENTRAL AVE	END	HURON	0200	243	30	7,290	C	AC		20	0	100	$106,713	4,006	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$106,713		
05TH ST	CENTRAL	END	5TH	0100	287	53	15,211	R	AC/AC		62	68	100	$77,075	7,141	2" MILL AND HMA OVERLAY
												Treatment Total		$77,075		
						Year 2033 Area Total		135,853				Year 2033 Total		$694,926		

Year: 2034

Street Name	Begin Location	End Location	Street ID	Section ID	Length	Width	Area	FC	Surface Type	Area ID	Current PCI	Treatment PCI Before	Treatment PCI After	Cost	Rating	Treatment
12TH ST	END	LASSEN	12TH	0100	563	36	20,268	R	AC		54	84	91	$29,383	6,697	SURFACE SEAL W/ CRACK SEAL
APPLE AVE	LOS ANGELES	LASSEN	APPLE	0200	376	51	19,176	R	AC		53	84	91	$27,800	6,697	SURFACE SEAL W/ CRACK SEAL
CENTRAL AVE	5TH ST	HURON	CENTRAL	0200	585	45	26,325	R	AC/AC		49	84	91	$38,165	6,697	SURFACE SEAL W/ CRACK SEAL
CHERRY AVE	GRANADA	ORANGE	CHERRY	0100	303	37	11,211	R	AC		52	83	90	$16,253	7,240	SURFACE SEAL W/ CRACK SEAL
												Treatment Total		$111,602		
PALMER AVE	LASSEN	O ST	PALMER	0100	925	36	33,300	C	AC		4	0	100	$502,077	3,889	3.5" HMA over 10" FDR OR Reconstruct
												Treatment Total		$502,077		
M ST	9TH ST	11TH ST	MST	0400	853	52	44,356	R	AC		94	84	91	$64,305	9,602	SLURRY SEAL W/ CRACK SEAL
SILVA AVE	END	1ST ST	SILVA	0100	112	35	3,920	R	AC		31	83	90	$5,683	6,744	SLURRY SEAL W/ CRACK SEAL
												Treatment Total		$69,988		
						Year 2034 Area Total		158,556				Year 2034 Total		$683,666		
						Grand Total Section Area:		1,828,445				Grand Total		$6,868,440		

** - Treatment from Project Selection

Scenarios Criteria:

Appendix F

GIS Maps

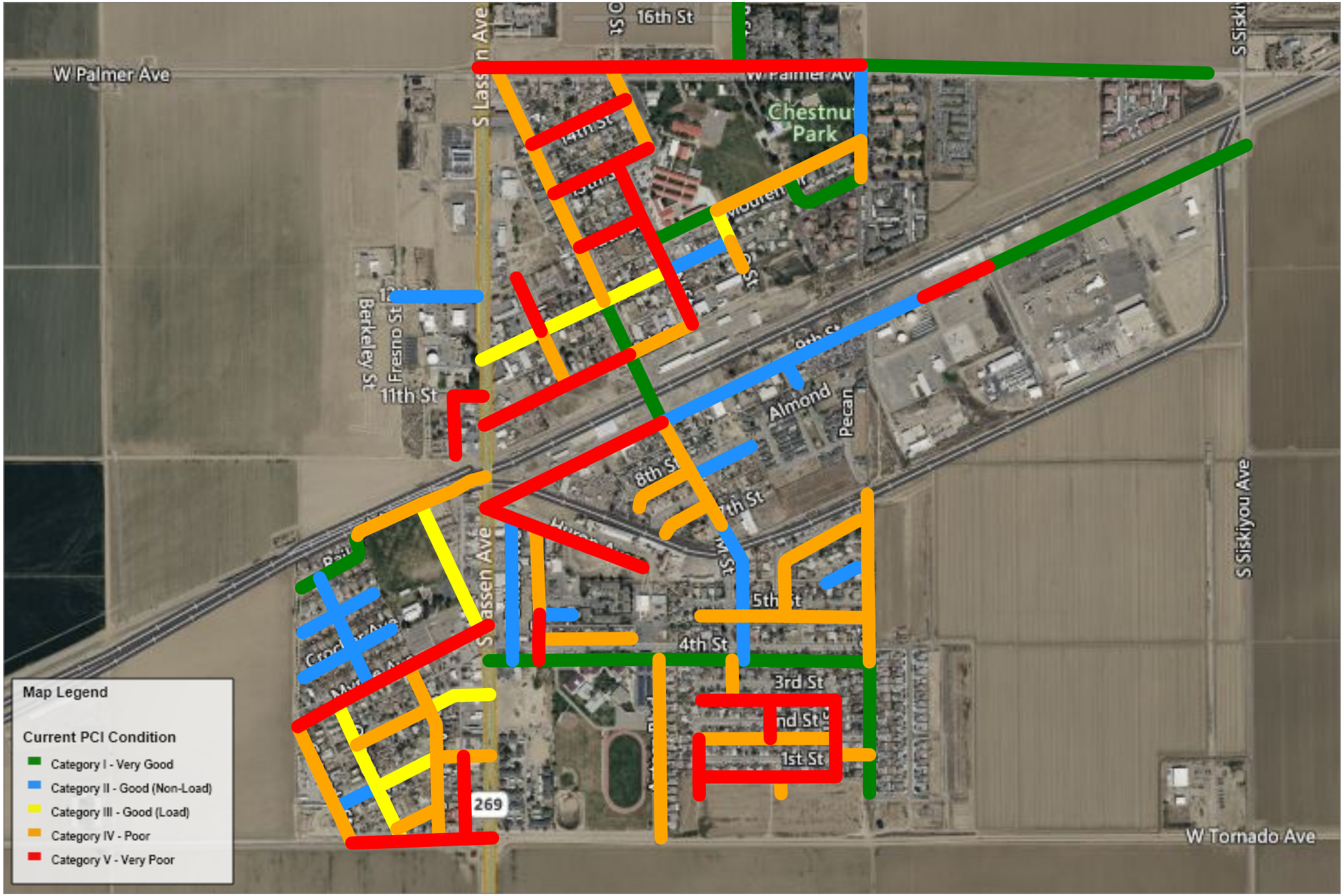
Appendix F-1

Current PCI Conditions

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Current PCI Condition

Printed: 8/5/2025



Appendix F-2

Scenario 1: City's Current Budget - PCI Conditions by FY 34/35

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenario PCI Condition

City Current Budget - 2034 Project Period - Total Rehab for 2034: $351,152 - Printed: 8/6/2025

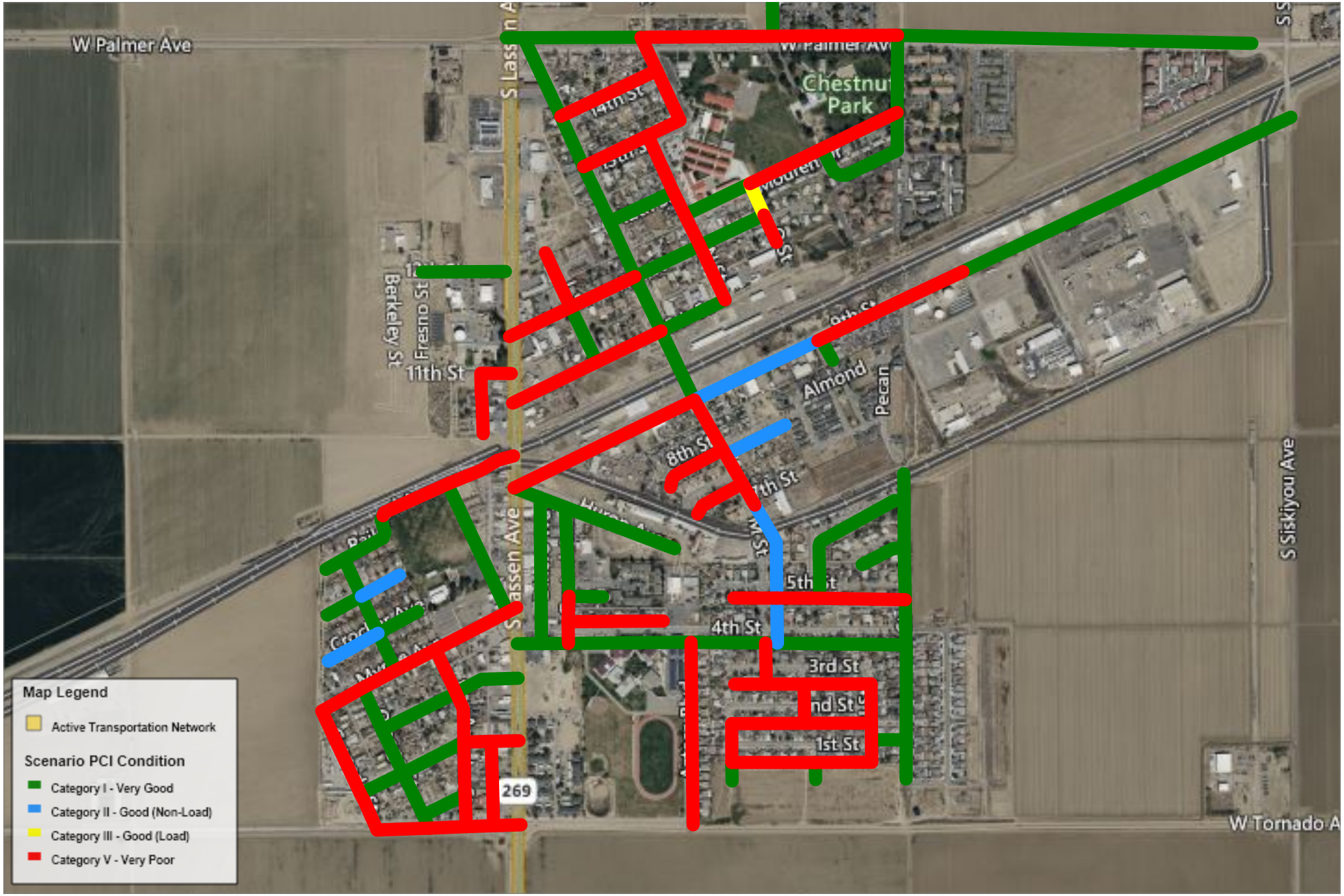
Appendix F-3

Scenario 2: Maintain PCI of 54 - PCI Conditions by FY 34/35

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenario PCI Condition

Maintain at PCI of 46 - 2034 Project Period - Total Rehab for 2034: $502,077 - Printed: 8/6/2025



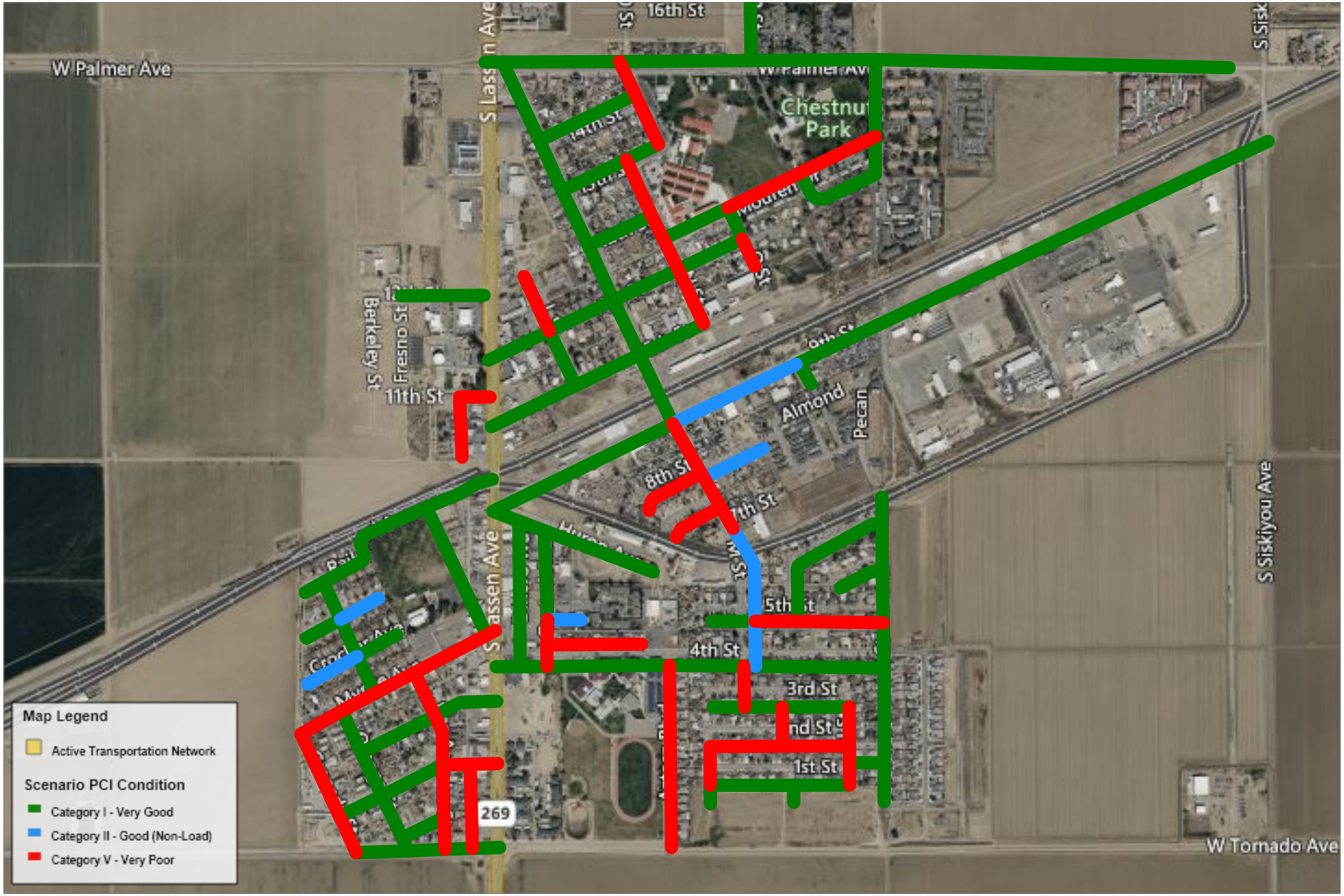
Appendix F-4

Scenario 3: Improve to PCI of 65 - PCI Conditions by FY 34/35

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenario PCI Condition

Improve PCI to 65 - 2034 Project Period - Total Rehab for 2034: $1,092,213 - Printed: 8/6/2025



Appendix F-4

Scenario 4: Improve to PCI of 70 - PCI Conditions by FY 34/35

City of Huron
6311 S. Lassen Ave
Huron, CA 93234

Scenario PCI Condition

Improve PCI to 70 - 2034 Project Period - Total Rehab for 2034: $1,145,660 - Printed: 8/6/2025