Pavement Management Program
Budget Options Report

Capitol Asset & Pavement Services Inc

July, 2013

City of Pendleton

Table of Contents

Executive Summary

Capitol Asset & Pavement Services, Inc. was contracted by The City of Pendleton Public Works Department to perform visual inspections of all of the paved streets maintained by The City of Pendleton. All 74.0 centerline miles of streets were evaluated in accordance with MTC standards and the Streetsaver Online 9.0 database was updated with the inspection data. Pavement inspections were completed in April, 2013.

The maintenance decision tree treatments and costs were reviewed and updated to reflect current pavement maintenance treatment prices in central Oregon. A Budgetary Needs analysis was performed based on the updated inspections and treatment costs and four budget scenarios were evaluated to compare the effects of various funding levels.

The City's street network consists of 74.0 centerline miles of paved streets. A detailed visual inspection of the City's streets resulted in a calculated average PCI of 68. Using a 0-100 PCI scale, with 100 being the most favorable, a rating of 68 places the City's street network in the upper range of the 'Fair' condition category.

Four scenarios were analyzed for various street maintenance funding levels. The budget includes preventative maintenance and rehabilitation work for existing paved street surfaces. The City's current strategy of street maintenance, along with current prices for the treatments, was entered into a decision tree matrix. This matrix defines what treatments need to be applied to streets in varying PCI condition. Utilizing this decision matrix, it was determined that the City will need to spend $35.7 million over the next ten years to bring the street network into 'optimal' condition, or an overall street network PCI of about 83. At this level, the City should be able to maintain the street network in the future with mostly cost-effective preventative maintenance treatments (crack seals and chip seals). Comparing this with the current funding level of $3.0 million over the next ten years shows that the network PCI decreasing by 7 points, to 61 by 2023. Scenarios were also run to determine the funding level required to maintain the overall network PCI at the current value, as well as increase the PCI by 5 points over the next ten years.

Table 1 – Summary of Outcome of Different Funding Levels (Scenarios)

Scenario #	1	2	3	4
Average yearly budget	$3.17 million *Unconstrained*	$300,000 *Current Funding*	$700,000 *Maintain PCI*	$1.7 million *Increase PCI 5pts*
Total budget for 10 years	$35.7 million	$3.0 million	$7.0 million	$17.0 million
Current PCI	68	68	68	68
Current % in 'Good' condition	61.4%	61.4%	61.4%	61.4%
PCI after 10 yrs (change)	83 (+15)	61 (-7)	68 (0)	73 (+5)
Backlog after 10 years	$0	$39.5 million	$34.3 million	$25.7 million
% 'Good' In 10 years	99.2%	62.8%	81.7%	85.6%

Purpose

This report is intended to assist The City of Pendleton with identifying street maintenance priorities specific to the City.

The report examines the overall condition of the street network and highlights the impacts of various funding levels on the network pavement condition and deferred maintenance funding shortfalls. The Metropolitan Transportation Commission, MTC, Streetsaver Pavement Management Program (PMP) was used for this evaluation. The intent of this program is to develop a maintenance strategy that will improve the overall condition of the street network to an optimal Pavement Condition Index (PCI) in the low to mid 80's and also to maintain it at that level.

The MTC Streetsaver program maximizes the cost-effectiveness of the maintenance treatment plan by recommending a multi-year street maintenance and rehabilitation plan based on the most cost-effective repairs available. A comprehensive preventative maintenance program is a critical component of this plan as these treatments extend the life of good pavements at a much lower cost than rehabilitation overlay or reconstruction treatments. To this end, various 'what-if' analyses (scenarios) were conducted to determine the most cost-effective plan for maintaining the City's street network over ten years and at various funding levels.

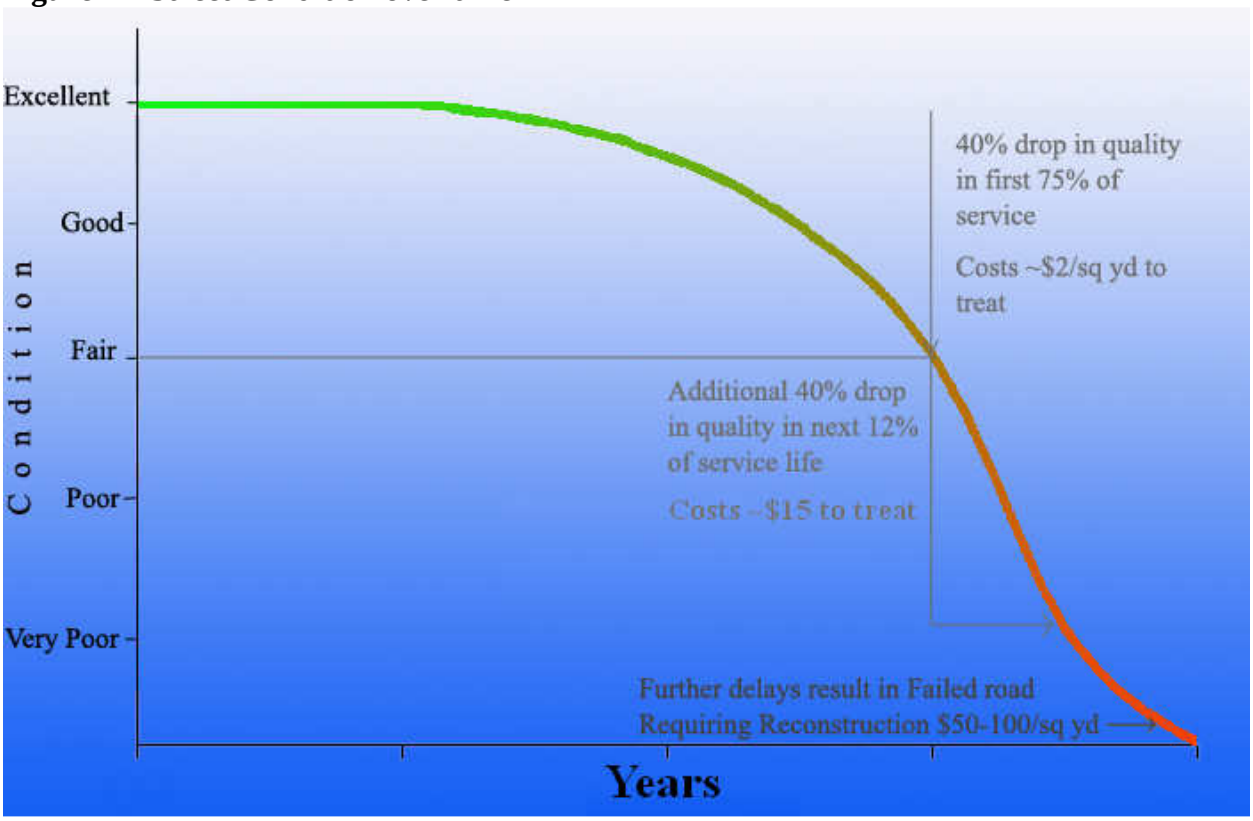
Pavement Management Strategy

Pavement Management is a set of tools and philosophies designed to manage the maintenance activities of Asphalt Concrete and Portland Concrete Pavements. A Pavement Management System consists of a module to keep track of existing and historical pavement condition data and a decision making process to help choose the most cost-effective maintenance strategies and which streets to treat when.

Conventional wisdom of most public works and street department agencies has been to treat streets in a "worst-first" philosophy. Under this "worst-first" policy, streets are allowed to deteriorate to a nearly failed condition before any rehabilitation (such as Overlays or Reconstructions), are applied. This can also be called the "don't fix if it aint broke" mentality.

Pavement Management Systems are designed with a more cost-effective, "Best-first" approach. The reasoning behind this philosophy, is that it is better to treat streets with lower-cost, preventative maintenance treatments, such as Slurry Seals, Chip Seals, and Crack Seals, and extend their life cycle, before the street condition deteriorates to a state where it requires more costly rehabilitation and reconstruction treatments. Generally, paved streets spend about three-quarters of their life-cycle in fair to excellent condition, where the street shows little sign of deterioration, and has a high service level. After this time, the street condition begins to deteriorate at a rapid rate and, if not maintained properly, soon reach a condition where it will require costly overlays and reconstructions. If treated with a surface seal and other preventative measures, the street condition will remain at a good level for a longer period of time. Figure 1 shows a typical condition deterioration curve for a street.

Figure 1 – Street Condition over time



Existing Pavement Condition

The City of Pendleton is responsible for the repair and maintenance of 74.0 paved centerline miles of streets. The City's paved street network replacement value is estimated at $154.8 million.[1] This represents a significant asset for City officials to manage. This asset valuation assumes replacement of the entire street network in present day dollars.

The average overall network Pavement Condition Index (PCI) of the City's street network is 68, which indicates that the street network is in 'Fair' condition. The Pavement Condition Index is a measurement of pavement condition that ranges from 0 to 100. A newly constructed or overlaid street would have a PCI of 100, while a failed street (requiring complete reconstruction) would have a PCI under 25. Appendix B contains a report detailing the PCI information for each street.

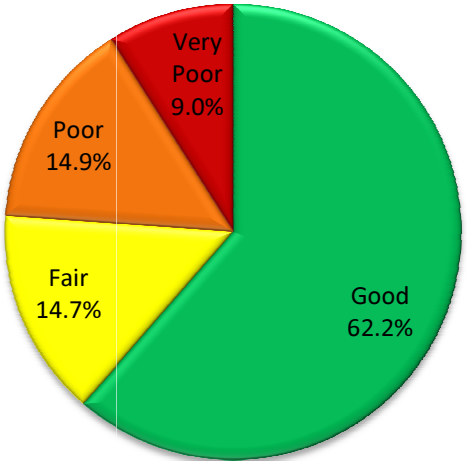
Table 2 details the network statistics and pavement condition by functional class. Table 3 and Figure 2 present the Percent Network Area by Functional and Condition classes.

Table 2 – Street Network Statistics and Average PCI by Functional Class

Functional Class	Centerline Miles	Lane Miles	# of Sections	% of Network (by Area)	Average PCI
Arterial	1.63	3.68	6	2.2%	91
Collector	17.26	37.01	63	26.1%	79
Residential	55.11	110.22	509	71.7%	64
Totals	74.00	150.91	578	--	68

Table 3 and Figure 2 – Percent Network Area by Functional Class and Condition Class

Condition Class	PCI Range	Arterial	Collector	Residential	Total
Good (I)	70-100	2.2%	20.3%	39.0%	61.4%
Fair (II/III)	50-69	0.0%	2.9%	11.8%	14.7%
Poor (IV)	25-49	0.0%	2.1%	12.8%	14.9%
Very Poor (V)	0-24	0.0%	0.8%	8.2%	9.0%
Totals		2.2%	26.1%	71.7%	



[1] Replacement value is calculated as the current cost to reconstruct each street in the network

Present Cost to Repair the Street Network

The MTC Pavement Management Program (PMP) is designed to achieve an optimal network PCI somewhere between the low and mid 80's, which is in the middle of the good condition category. In other words, the system will recommend maintenance treatments in an attempt to bring all of the streets in the City to a 'Good' condition, with the majority of the streets falling in the low to mid 80's PCI range. Streets with a PCI in the 80's (as opposed to 60's) will likely remain in the 'Good' condition category for a longer period of time if relatively inexpensive preventive maintenance treatments are used. Once the PCI falls below 70, more expensive rehabilitation treatments will be needed.

The Budget Needs module of the PMP estimates a necessary funding level for the City's Pavement Preservation and Rehabilitation Program of $35.7 million[2] over the next ten-year period (2014 – 2023) in order to improve and maintain the street network PCI at an optimal level. Of this total, approximately $15.9 million is needed in the first year alone. The ten year cost of $35.7 million exceeds the City's planned ten year funding level of $3.0 million by approximately $32.7 million.

As mentioned earlier, the average PCI for the City's streets is 68, which is in the 'Fair' condition category. Why then, does it cost so much to repair the City's streets, and why bother improving them?

First, the cost to repair and maintain a pavement depends on its current PCI. In the 'Good' category it costs very little to apply preventive maintenance treatments, such as crack and slurry seals, which can extend the life of a pavement by correcting minor faults and reducing further deterioration. Minor treatments are applied before pavement deterioration has become severe and usually costs less than $2.25/sq. yd. Approximately three-fifths (61.4%) of the City's street network would benefit from these relatively inexpensive, life-extending treatments.

Approximately one-seventh (14.7%) of the City's street network falls into the 'Fair' condition category. Pavements in this range show some form of distress caused by traffic load related activity[3] or environmental distress[4] that requires more than a life-extending treatment. At this point, a well-designed pavement will have served at least 75 percent of its life with the quality of the pavement dropping approximately 40 percent. For residential streets, the street would still benefit from a slurry seal, with some patching to address some localized base issues. Arterial and Collector streets would require a 2 inch overlay at this condition category. These treatments typically range in cost from $3.25 to $8.25/sq. yd.

The remaining 23.9% of the City's street network falls into the 'Poor' or 'Very Poor' PCI ranges. These pavements are near the end of their service lives and often exhibit major forms of distress such as potholes, extensive cracking, etc. At this stage, a street usually requires either a thick overlay or reconstruction. The costs for these treatments range from $8.25 to $110.00/sq. yd.

[2] Treatment costs are based on this year's average costs per square yard, with future years including a 4% inflation adjustment per year after 2014.

[3] Load-related distresses (Alligator cracking, rutting/depressions) are caused primarily by traffic loading or sub-base issues

[4] Environmental distresses (Longitudinal/Transverse Cracking, Block Cracking, Weathering/Ravelling) are caused primarily by environmental factors (oxidation and aging of pavement, tire wear, cracking due to expansion/contraction of pavement)

One of the key elements of a pavement repair strategy is to keep streets that are in the 'Good' or 'Fair' categories from deteriorating. This is particularly true for streets in the 'Fair' range, because they are at the point where pavement deterioration accelerates if left untreated. However, the deterioration rate for pavements in the 'Poor' to 'Very Poor' range is relatively flat and the condition of these streets will not decline significantly if repairs are delayed. As more 'Good' streets deteriorate into the 'Fair', 'Poor', and 'Very Poor' categories, the cost of deferred maintenance will continue to increase. The cost of the deferred maintenance backlog will stop increasing only when enough funds are provided to prevent streets from deteriorating into a worse condition category, or the whole network falls into the 'Very Poor' category (i.e. can not deteriorate any further).

Budget Needs

Based on the principle that it costs less to maintain streets in good condition than bad, the MTC PMP strives to develop a maintenance strategy that will first improve the overall condition of the network to an optimal PCI somewhere between the low and mid 80's, and then sustain it at that level. The average PCI for The City of Pendleton is 68, which is in the upper end of the 'Fair' condition category. Current funding strategies demonstrate there is a $15.6 million deferred maintenance backlog[5] in the first year of the scenario. If these issues are not addressed, the quality of the street network will inevitably decline. In order to correct these deficiencies, a cost-effective funding and maintenance and rehabilitation strategy must be implemented.

The first step in developing a cost-effective maintenance and rehabilitation strategy is to determine, assuming unlimited revenues, the maintenance "needs" of the City's street network. Using the PMP Budget Needs module; street maintenance needs are estimated at $35.7 million over the next ten years. If the City follows the strategy recommended by the program, the average network PCI will maintain at a level of 80-83[6] throughout the ten years. If, however, current pavement maintenance funding is exhausted and little or no maintenance is applied over the next ten years, already distressed streets will continue to deteriorate, and the network PCI will drop to 50. The results of the Budget Needs analysis are summarized in Table 4.[7]

5 Definition of deferred maintenance backlog can be found in Appendix A

6 Optimal PCI fluctuates from year to year as the program goal is to keep streets at a PCI above 70. In some years more streets are treated than in others, and so the PCI may increase to a higher level, then deteriorate. In general, the optimal PCI is in the low to mid 80's

7 Actual program outputs are included in Appendixes B through F

Table 4. Summary of Results from Needs Analysis

	2014-15	2015-16	2016-17	2016-17	2017-18	
PCI with Treatment	81	80	82	82	83	
PCI, no Treatment	66	65	63	61	59	
Budget Needs	$15,876,212	$1,609,906	$4,194,896	$2,117,005	$3,326,188	
Rehabilitation	$15,104,574	$1,590,517	$3,866,384	$2,088,166	$3,261,330	
Preventative Maintenance	$771,637	$19,388	$328,511	$28,838	$64,857	

	2019-20	2020-21	2021-22	2022-23	2023-24	Total
PCI with Treatment	83	83	85	84	83	---
PCI, no Treatment	57	55	53	52	50	---
Budget Needs	$3,428,473	$1,878,102	$2,398,135	$258,960	$576,543	**$35,664,420**
Rehabilitation	$3,418,679	$1,874,754	$892,588	$127,455	$138,312	**$32,362,759**
Preventative Maintenance	$9,793	$3,347	$1,505,546	$131,504	$438,230	**$3,301,651**

Table 5 shows the level of expenditure required to maintain the City's pavement condition at optimal network PCI and eliminate the current maintenance and rehabilitation backlog. The results of the Budget Needs analysis represent the ideal funding strategy recommended by the MTC PMP. Of the $35.7 million in maintenance and rehabilitation needs shown, approximately $3.3 million or 9.3 percent is earmarked for preventive maintenance or life-extending treatments, while $32.4 million or 90.7 percent is allocated for the more costly rehabilitation and reconstruction treatments**.**

Budget Scenarios

Having determined the maintenance and rehabilitation needs of the City's street network, the next step in developing a cost-effective maintenance and rehabilitation strategy is to conduct 'what-if' analyses. Using the PMP budget scenarios module, the impact of various budget scenarios can be evaluated. The program projects the effects of the different scenarios on pavement condition PCI and deferred maintenance (backlog). By examining the effects on these indicators, the advantages and disadvantages of different funding levels and maintenance strategies become clear. For the purpose of this report, the following scenarios were run for a ten (10)-year period.

1. *Unconstrained (zero "deferred" maintenance)* — The annual amounts, as identified in the Budget Needs analysis totaling $35.7 million, were input into the Budget Scenarios module. This scenario shows the effects of implementing the ideal investment strategy (as recommended by the MTC PMP Needs module). The preventive maintenance split[8] used for each year in the analysis period was recommended by the Budget Needs module.
2. *Current Investment Level* — An average annual budget of $300,000 was evaluated over ten years, for a total of $3.0 million, to determine the effects of continuing pavement maintenance at the current budget level.
3. *Maintain Current PCI* — An annual funding level of $700,000 per year, for a ten year total of $7.0 million, was evaluated to determine the effects at this investment level. A 20 percent preventive maintenance split[8] was used for the purpose of this analysis. This funding level sustains the current overall network average PCI at a minimum of 68 over the duration of the ten-year analysis period.
4. *Increase PCI 5 points* — An annual funding level of $1.7 million per year, for a ten year total of $17.0 million, was evaluated to determine the effects at this investment level. A 25 percent preventive maintenance split[8] was used for the purpose of this analysis. This funding level sustains the current overall network average PCI at a minimum of 73 over the duration of the ten-year analysis period.

Table 5. Scenario Summary

Scenario Name	10 year budget	2023 PCI *(change)*	2023 deferred maintenance	2023 % good	2023 % Very Poor
1 - Unconstrained	$35.7 million	83 *(+15)*	$0	99.2%	0.0%
2 - Current Investment	$3.0 million	61 *(-7)*	$39.5 million	62.8%	18.3%
3 - Maintain Current PCI	$7.0 million	68 *(0)*	$34.3 million	81.7%	16.8%
4 - Increase PCI 5 points	$17.0 million	75 *(+5)*	$25.7 million	85.6%	12.6%

[8] The preventative maintenance split is the percentage of the total budget that is dedicated solely for preventative maintenance treatments. (For Scenario 4 – with $1.7 total budget per year, the PM amount = $425,000 per year)

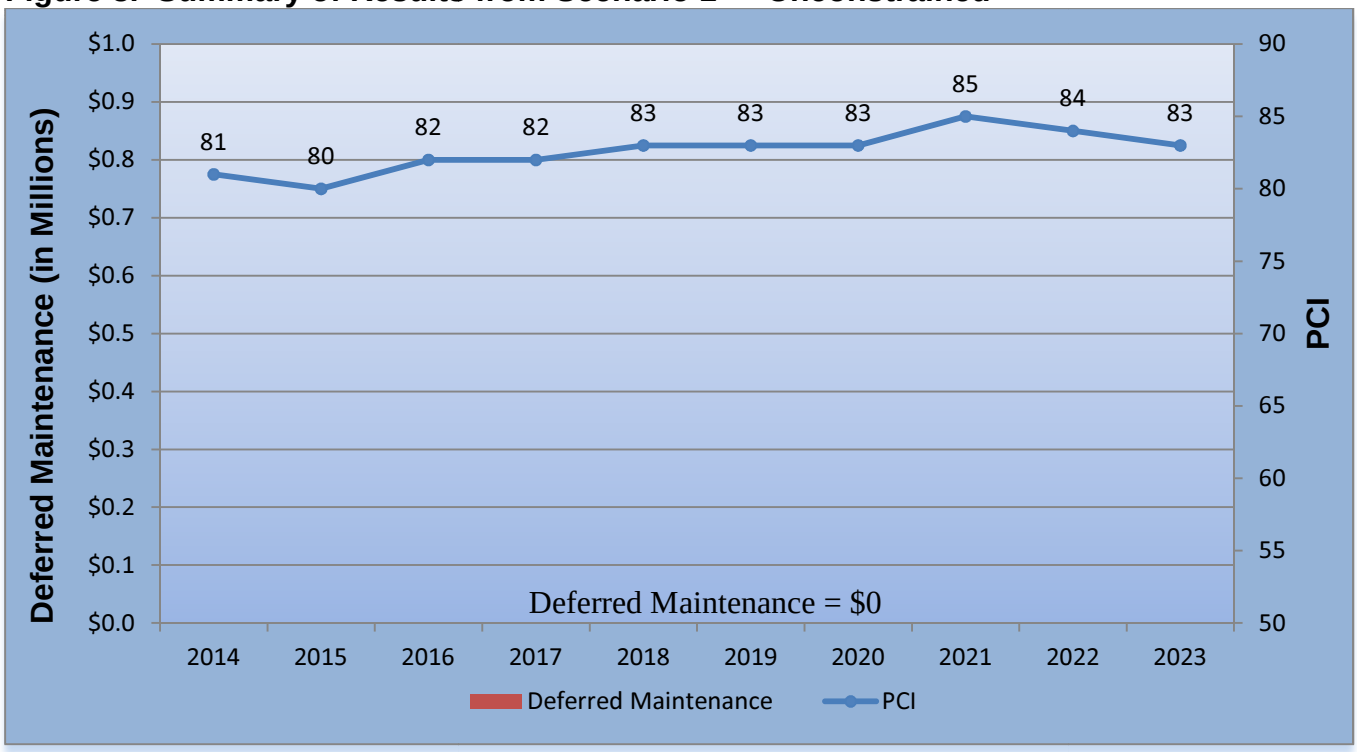
Scenario 1 — Unconstrained *(zero deferred maintenance)*

This scenario shows the effects of implementing the ideal investment strategy, as recommended by the MTC PMP Needs module. Because it is more cost-effective to eliminate the deferred maintenance backlog as quickly as possible, the bulk of the maintenance needs are addressed in the first year of the ten-year program, raising the overall average network PCI to 84. The PCI remains at an optimal level over the entire time period. By 2023, 99.2 percent of the network improves into the 'Good' condition category, an increase from the current level of 61.4 percent in 'Good' condition. These results are shown in both Table 6 and Figure 3.

Table 6. Summary of Results from Scenario 1 — Unconstrained

	2014	2015	2016	2017	2018	
Budget	$15,876,212	$1,609,906	$4,194,896	$2,117,005	$3,326,188	
Rehabilitation	$15,104,574	$1,590,517	$3,866,384	$2,088,166	$3,261,330	
Preventative	$771,637	$19,388	$328,511	$28,838	$64,857	
Deferred	$0	$0	$0	$0	$0	
PCI	81	80	82	82	83	
	2019	**2020**	**2021**	**2022**	**2023**	**Total**
Budget	$3,428,473	$1,878,102	$2,398,135	$258,960	$576,543	**$35,664,420**
Rehabilitation	$3,418,679	$1,874,754	$892,588	$127,455	$138,312	**$32,362,759**
Preventative	$9,793	$3,347	$1,505,546	$131,504	$438,230	**$3,301,651**
Deferred	$0	$0	$0	$0	$0	---
PCI	83	83	85	84	83	

Figure 3. Summary of Results from Scenario 1 — Unconstrained



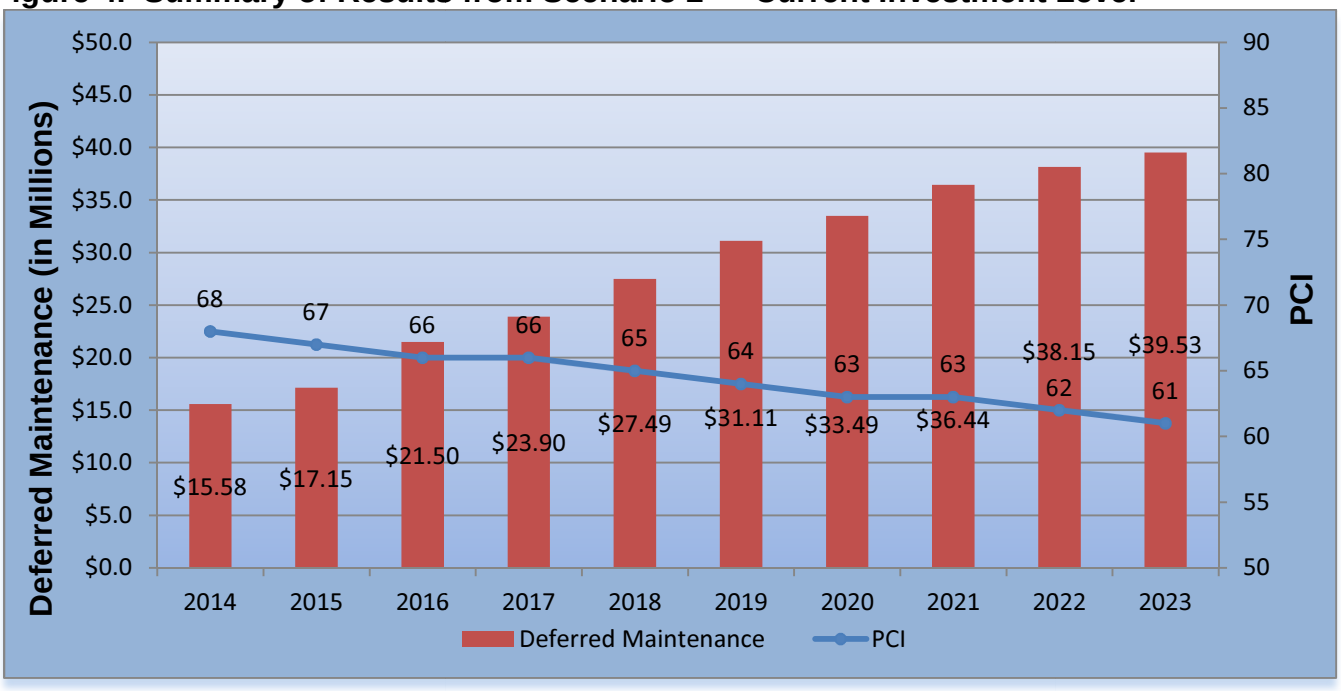
Scenario 2 — Current Investment Level

This scenario shows the effects of the City's current budget for street maintenance and rehabilitation, an average annual investment level of $300,000 per year starting in 2014, totaling $3.0 million over ten years. The overall network PCI will decrease by 7 points, from 68 currently, to 61 by 2023. Under this investment level, the deferred maintenance backlog increases, from $15.6 million in 2014, to $39.5 million in 2023. The backlog is mainly due to the number of streets that will require an expensive rehabilitation and reconstruction treatment, as the percentage of the street network in 'Very Poor' condition increases from 9.0% in 2013 to 18.3% in 2023. The percentage of the street network in 'Good' condition increases, from 61.4% in 2013, to 62.8% in 2023. These results are illustrated in Table 7 and Figure 4.

Table 7. Summary of Results from Scenario 2 — Current Investment Level

	2014	2015	2016	2017	2018	
Budget	$300,000	$300,000	$300,000	$300,000	$300,000	
Rehabilitation	$29,847	$31,026	$30,860	$30,859	$31,373	
Preventative	$153	$0	$0	$0	$0	
Deferred	$15,576,487	$17,150,726	$21,504,850	$23,896,988	$27,487,819	
PCI	68	67	66	66	65	
	2019	**2020**	**2021**	**2022**	**2023**	**Total**
Budget	$300,000	$300,000	$300,000	$300,000	$300,000	**$3,000,000**
Rehabilitation	$31,975	$30,184	$29,438	$30,115	$31,063	**$306,740**
Preventative	$0	$0	$562	$0	$0	**$715**
Deferred	$31,110,669	$33,487,212	$36,440,799	$38,152,382	$39,527,834	
PCI	64	63	63	62	61	

Figure 4. Summary of Results from Scenario 2 — Current Investment Level



Scenario 3 — Maintain Current PCI

This scenario shows the effects of an investment level of $700,000 per year for five years, starting in 2014, totaling $7.0 million over ten years. This investment level maintains the current PCI of 68 throughout the next ten years. While the PCI is stabilized, the deferred maintenance backlog still increases, from $15.2 million in 2014, to $29.3 million in 2018. The percentage of the street network in the 'Good' condition category increases from 61.4% currently, to 81.7% in 2023. Also, the percentage of streets in 'Very Poor' condition increases to 16.8% from the current level of 9.0%. These results are illustrated in Table 8 and Figure 5.

Table 8. Summary of Results, Scenario 3 — Maintain Current PCI

	2014	2015	2016	2017	2018	
Budget	$700,000	$700,000	$700,000	$700,000	$700,000	
Rehabilitation	$559,804	$557,608	$558,129	$558,690	$548,690	
Preventative	$139,890	$141,486	$141,782	$140,651	$151,028	
Deferred	$15,176,446	$16,420,076	$20,364,279	$22,371,346	$25,647,783	
PCI	69	70	70	70	70	
	2019	**2020**	**2021**	**2022**	**2023**	**Total**
Budget	$700,000	$700,000	$700,000	$700,000	$700,000	**$7,000,000**
Rehabilitation	$500,878	$547,314	$549,430	$496,261	$523,410	**$5,400,214**
Preventative	$199,176	$150,896	$150,188	$203,676	$176,475	**$1,595,248**
Deferred	$29,278,678	$31,340,392	$32,772,020	$33,602,260	$34,300,346	
PCI	70	69	69	68	68	

Figure 5. Summary of Results from Scenario 3 — Maintain Current PCI

Scenario 4 — Maintain PCI above 70

This scenario shows the effects of an investment level of $1.7 million per year for ten years, starting in 2012, totaling $17.0 million over ten years. This investment level maintains the overall average street network PCI at 70 or above over the ten year scenario. The PCI decreases 10 points over the entire ten year analysis period, from the current level of 68, to 70 in 2021. The deferred maintenance backlog increases greatly, from $2.3 million in 2012, to $25.7 million in 2021, mainly due to the increase of streets that will need reconstruction. The percentage of the street network in the 'Good' condition category decreases from 87.7 percent to 53.1 percent in 2021. The percentage of streets in 'Poor' or 'Very Poor' condition increases to 5.5 percent from the current level of 0.8 percent. These results are illustrated in Table 9 and Figure 6.

Table 9. Summary of Results, Scenario 4 — Maintain PCI above 70

	2014	2015	2016	2017	2018	
Budget	$1,700,000	$1,700,000	$1,700,000	$1,700,000	$1,700,000	
Rehabilitation	$1,271,111	$1,271,048	$1,256,792	$1,253,309	$1,271,668	
Preventative	$428,629	$372,706	$328,511	$28,838	$59,433	
Deferred	$14,176,434	$14,567,913	$17,614,534	$18,977,826	$21,536,818	
PCI	72	72	73	73	73	
	2019	**2020**	**2021**	**2022**	**2023**	**Total**
Budget	$1,700,000	$1,700,000	$1,700,000	$1,700,000	$1,700,000	**$17,000,000**
Rehabilitation	$1,242,190	$1,266,140	$1,238,605	$1,237,817	$1,249,916	**$12,558,596**
Preventative	$13,426	$2,933	$461,247	$461,944	$448,985	**$2,606,652**
Deferred	$24,359,409	$25,698,804	$26,428,896	$26,167,421	$25,716,842	
PCI	72	72	72	73	73	

Figure 6. Summary of Results from Scenario 4 — Maintain PCI above 70

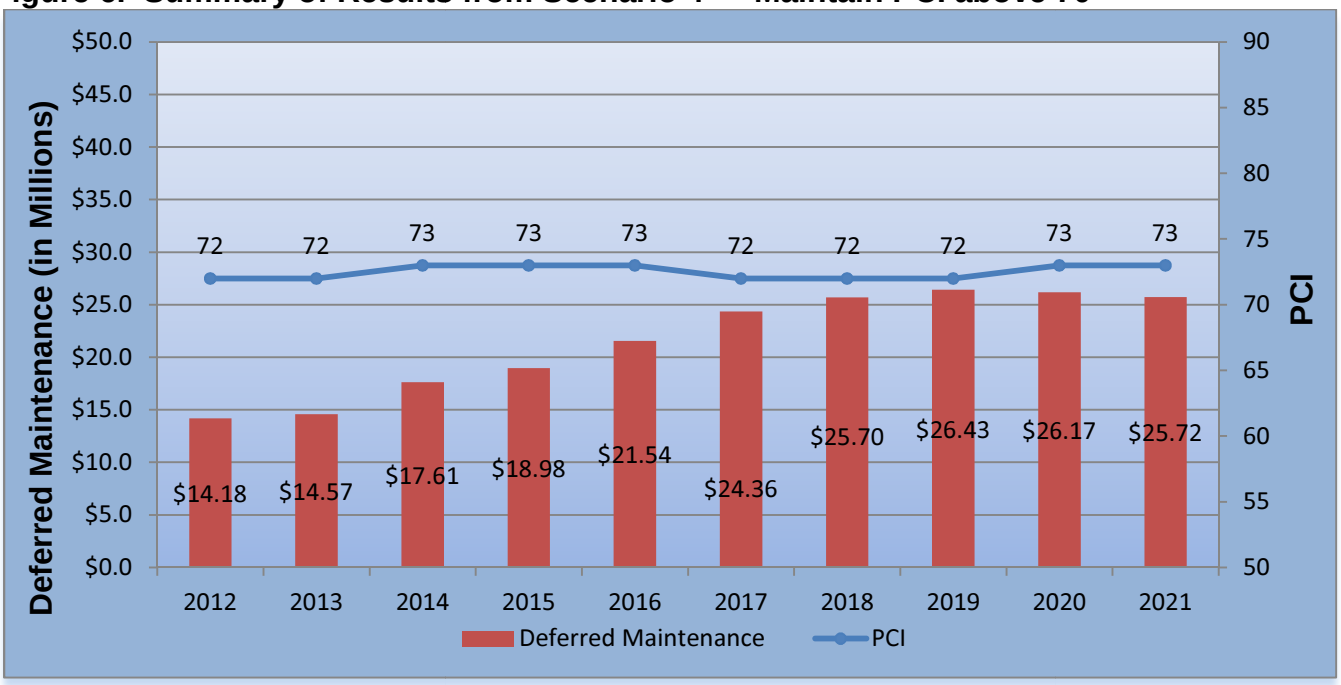
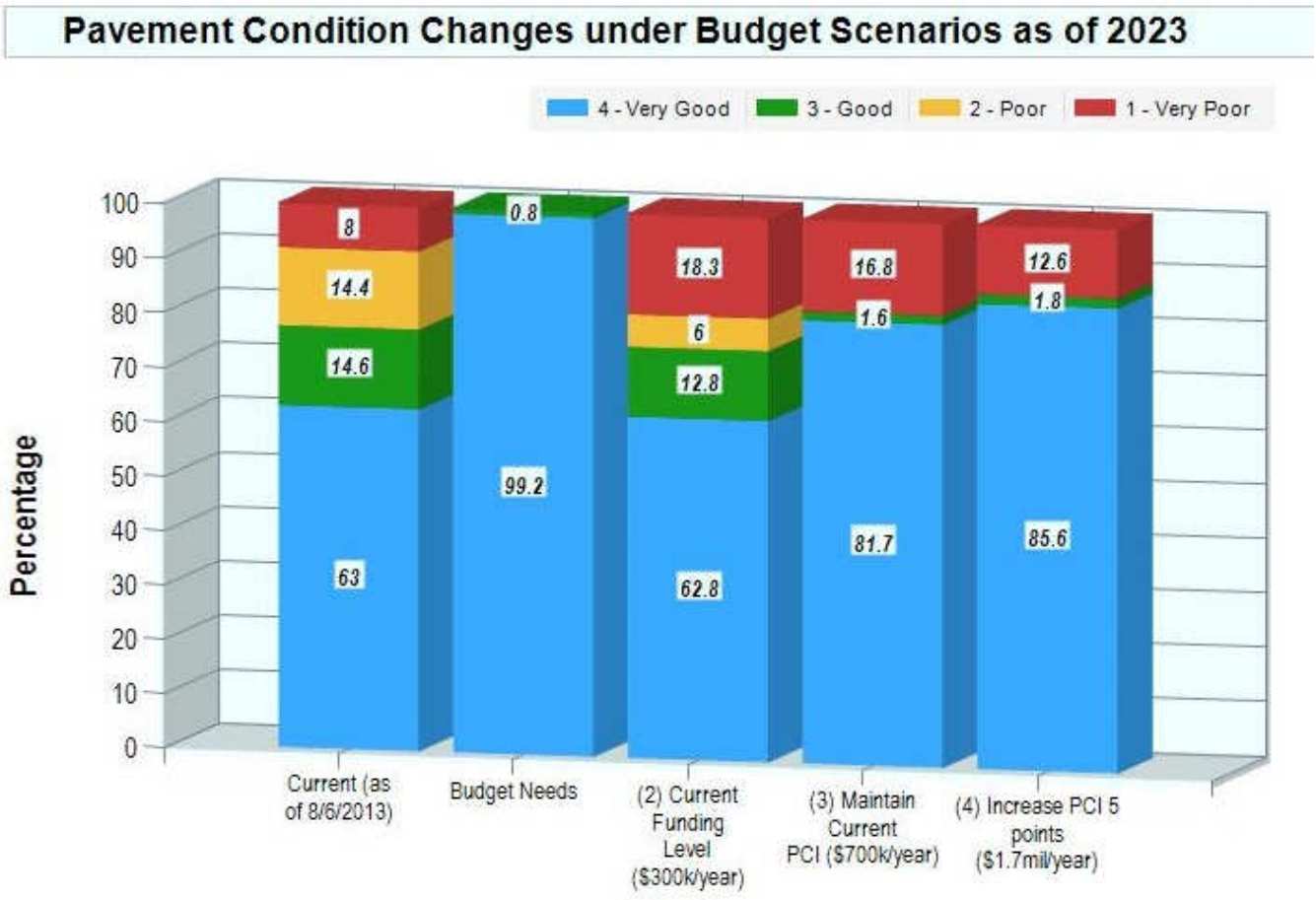


Figure 7 depicts the percent of the street network in the various condition categories for the four scenarios evaluated.

Figure 7. Percent of street network in Condition Categories for the Four Scenarios



Recommendations

Of the various maintenance and funding options considered, the *ideal* strategy for the City is presented in Scenario 1, with a five-year expenditure total of $35.7 million. Not only does this surface management plan improve the network PCI to an optimal level of 83, it also eliminates the entire deferred maintenance backlog in the first year. As examined scenarios deviate from this strategy, the cost to the City will increase in the long term. However, the amount of funds in the first year of expenditure, approximately $15.9 million, may make this strategy unrealistic for the City. This scenario can, however, be used as a base line for comparing other scenarios.

In order to maintain the current PCI of 68 over the next ten years, street maintenance funding would have to be increased to $700,000 per year ($7.0 million over the next ten years). The deferred maintenance price tag would still increase however, from $15.2 million in 2014 to $34.3 million in 2023, mainly due to the increasing number of streets that would fall into 'Very Poor' condition, where they will require expensive reconstruction treatment. By following this strategy through 2023, the percentage of the street network in ‘Very Poor’ condition increases to 16.8% in 2023, up from 9.0% currently. The good news, though, is in 2023, 81.7% of the street network would be in 'Very Good' condition, where they would be able to be maintained by less expensive surface seals, that is up from 67.4% currently.

As demonstrated in the different scenarios, the City needs to invest a significant amount of money on expensive rehabilitation and reconstruction projects. This will reduce the deferred maintenance backlog, increase the network PCI, and allow money to be spent for less capital-intensive treatments such as slurry seals, crack sealing, and thin overlays in the future.

The PMP Budget Needs Module is recommending $30.5 million for streets in the ‘Poor’ to ‘Very Poor’ condition. Because these categories require extensive rehabilitation and reconstruction work, the work will consume approximately 85.6% of the planned costs, as estimated by the PMP. This places the City in a challenging position of trying to avoid increasing future street rehabilitation costs coupled with the risk of a substantial increase in an already significant five year shortfall projection. Currently, 9.0% of the street network is in ‘Very Poor’ condition. However, the 18.3% of the street network will be in 'Very Poor' condition in five years if current funding levels continue. This conclusion is noteworthy to the City Council. Unless funding is allocated to support an increase in the City’s street rehabilitation program, the City may lose the opportunity to utilize lower cost preventative maintenance and light overlay treatment options.

The City should seek to increase funding for street maintenance.

Preparation of a budget options report is just one step in using the MTC PMP to build an effective street maintenance program. Recommendations for further steps are:

- Link major street repairs with utility maintenance schedules to prevent damage to newly paved street surfaces.

- Obtain detailed subsurface information on selected sections before major rehabilitation projects are contracted. Costs for large rehabilitation projects are extremely variable and estimates can sometimes be reduced following project-level engineering analysis. It is possible that only a portion of a street recommended for reconstruction actually requires such heavy-duty repair.

- Evaluate the specific treatments and costs recommended by the PMP, and modify them to reflect the actual repairs and unit costs that are expected to be used.

- Test other budget options with varying revenues and preventive maintenance and rehabilitation splits.

- Prepare a brief memo to City Officials outlining the recommended five-year maintenance program. The memo should include the amount of revenues available for pavement repair, a list of streets to be repaired, and the type of repair to be completed (listed in order of year of scheduled treatment), as well as any requests for specific budgetary actions.

In addition to performing cyclic pavement condition inspections, unit cost information for the applications of various maintenance and rehabilitation treatments should be updated annually in the PMP 'Decision Tree Module'. If this data is not kept current, the City runs the risk of understating actual funding requirements to adequately maintain the street network. A pavement inspection cycle that would allow for the inspection of arterial and collector streets every two years and residential streets every three to four years is recommended.

The City has completed the foundation work necessary to execute a successful pavement management plan. The street system is 'Fair' condition, indicating that the City has not consistently applied sufficient funds to maintain their large capital investment in the street system. At the current investment level, the street condition will continue to deteriorate. To improve the condition of the street system and reduce the maintenance backlog, additional revenues and support from various decision-making bodies are required.

As more 'Good' streets deteriorate into the 'Poor' and 'Very Poor' categories, the cost of deferred maintenance will continue to increase. The cost of the deferred maintenance backlog will stop increasing only when enough funds are provided to prevent streets from deteriorating into a worse condition category, or when the whole network falls into the 'Very Poor' category (i.e. can not deteriorate any further). At that time, the network would have to be replaced at a cost of $154.8 million.

Appendix A - Definitions

The *pavement condition index*, or PCI, is a measurement of the health of the pavement network or condition and ranges from 0 to 100. A newly constructed street would have a PCI of 100, while a failed street would have a PCI of 10 or less. The PCI is calculated based on pavement distresses identified in the field.

Network is defined as a complete inventory of all streets and other pavement facilities in which the City has jurisdiction and maintenance responsibilities. To facilitate the management of streets, they are subdivided into management sections identified as a segment of street, which has the same characteristics.

Urban Arterial street system carries the major portion of trips entering and leaving the urban area, as well as the majority of through movements desiring to bypass the central City. In addition, significant intra-area-travel such as between central business districts and outlying residential areas exists.

Urban Collector Street provides land access service and traffic circulation within residential neighborhoods, commercial, and industrial areas. It differs from the arterial system in that facilities on a collector system may penetrate residential neighborhoods.

Urban Local Street system comprises all facilities not one of the higher systems. It serves primarily to provide direct access to abutting land and access to the higher systems.

Preventive Maintenance refers to repairs applied while the pavement is in "good" condition. Such repairs extend the life of the pavement at relatively low costs, and prevent the pavement from deteriorating into conditions requiring more expensive treatments. Preventive maintenance treatments include chip seals, crack sealing, and deep patching. Treatments of this sort are applied before pavement deterioration has become severe and usually cost less than $2.00/sq. yd.

Deferred Maintenance refers to the dollar amount of maintenance and rehabilitation work that should have been completed to maintain the street in "good" condition, but had to be deferred due to funding deficiencies for preventative maintenance and/or pavement rehabilitation programs. The actual repairs that are being deferred are often referred to as a "backlog."

Stop Gap refers to the dollar amount of repairs applied to maintain the pavement in a serviceable condition (e.g. pothole patching). These repairs are a temporary measure to stop resident complaints, and do not extend the pavement life. Stopgap repairs are directly proportional to the amount of deferred maintenance.

Surface Types – AC is an Asphalt Concrete street that has one year's asphalt, for example a street that has been newly constructed reconstructed. In contrast AC/AC (in reports marked as O – AC/AC) is a street that has an overlay treatment over the original asphalt construction.

Appendix B

Network Summary Statistics

Network Replacement Cost

Network Summary Statistics

Printed: 07/29/2013

	Total Sections	Total Center Miles	Total Lane Miles	PCI
Arterial	6	1.63	3.68	91
Collector	63	17.26	37.01	79
Residential/Local	509	55.11	110.22	64
**** Combined**	55	3.90	7.79	N/A
Gravel	55	3.90	7.79	N/A
Total	**633**	**77.89**	**158.70**	

Overall Network PCI as of 7/29/2013: 68

**** Combined Sections are those without a PCI Date - they have not been inspected or had a Treatment applied.**

Network Replacement Cost

Printed: 07/29/2013

Functional Class	Surface Type	Lane Miles	Unit Cost/ Square Foot	Pavement Area/ Square Feet	Cost To Replace (in thousands)
Arterial	AC	0.3	$12.2	25,310	$309
	AC/AC	3.3	$12.2	250,536	$3,062
Collector	AC	18.0	$12.2	1,701,924	$20,801
	AC/AC	18.6	$12.2	1,574,679	$19,246
	AC/PCC	0.4	$12.2	32,608	$399
Residential/Local	AC	36.9	$12.2	3,062,911	$37,436
	AC/AC	71.2	$12.2	5,912,338	$72,262
	PCC	0.2	$0.0	16,766	$0
	ST	1.9	$12.2	103,236	$1,262
	Grand Total:	150.9		12,680,308	$154,776

Appendix C

Needs Analysis Reports

Needs - Projected PCI/Cost Summary

Inflation Rate = **3.00** **%** Printed: 07/31/2013

Year	PCI Treated	PCI Untreated	PM Cost	Rehab Cost	Cost
2014	81	66	$771,637	$15,104,574	$15,876,211
2015	80	65	$19,388	$1,590,517	$1,609,905
2016	82	63	$328,511	$3,866,384	$4,194,895
2017	82	61	$28,838	$2,088,166	$2,117,004
2018	83	59	$64,857	$3,261,330	$3,326,187
2019	83	57	$9,793	$3,418,679	$3,428,472
2020	83	55	$3,347	$1,874,754	$1,878,101
2021	85	53	$1,505,546	$892,588	$2,398,134
2022	84	52	$131,504	$127,455	$258,959
2023	83	50	$438,230	$138,312	$576,542

% PM	PM Total Cost	Rehab Total Cost	Total Cost
9.26%	**$3,301,651**	**$32,362,759**	**$35,664,410**

Needs - Preventive Maintenance
Treatment/Cost Summary

Inflation Rate = **3.00 %** Printed: 07/31/2013

Treatment	Year		Area Treated	Cost
2 IN OVERLAY (RESTORATION)				
	2016		1,192.22 sq.yd.	$10,435
	2017		1,714.22 sq.yd.	$15,454
	2018		1,680 sq.yd.	$15,600
	2021		3,098.33 sq.yd.	$31,438
	2022		3,017.22 sq.yd.	$31,535
	2023		7,681.22 sq.yd.	$82,685
		Total	18,383.22	$187,147
SEAL CRACKS				
	2014		3,735.64 ft.	$3,212
	2015		853.85 ft.	$754
	2016		1,208.64 ft.	$1,095
	2017		90.49 ft.	$86
	2018		11,091.07 ft.	$10,740
	2019		1,816.26 ft.	$1,806
	2020		3,268.27 ft.	$3,347
	2021		583.8 ft.	$622
	2022		2,614.23 ft.	$2,839
	2023		1,617.3 ft.	$1,810
		Total	26,879.54	$26,311
SLURRY SEAL				
	2014		341,504.56 sq.yd.	$768,425
	2015		8,040 sq.yd.	$18,634
	2016		132,780.44 sq.yd.	$316,981
	2017		5,408.67 sq.yd.	$13,298
	2018		15,208.22 sq.yd.	$38,517
	2019		3,061.56 sq.yd.	$7,987
	2021		532,431 sq.yd.	$1,473,486
	2022		34,074.89 sq.yd.	$97,130
	2023		120,481.89 sq.yd.	$353,735
		Total	1,192,991.22	$3,088,193
		Total Quantity	1,238,253.98	$3,301,651

Needs - Rehabilitation
Treatment/Cost Summary

Inflation Rate = **3.00 %** Printed: 07/31/2013

Treatment	Year		Area Treated		Cost
2 INCH OVERLAY	2014		118,178.56	sq.yd.	$1,049,785
	2015		36,762.11	sq.yd.	$362,329
	2016		39,625.11	sq.yd.	$382,302
	2017		36,872.89	sq.yd.	$339,489
	2018		28,251.89	sq.yd.	$267,087
	2019		10,347.44	sq.yd.	$100,046
	2020		27,476.78	sq.yd.	$296,253
	2021		16,396.89	sq.yd.	$196,621
	2022		9,584.78	sq.yd.	$118,383
	2023		9,082.67	sq.yd.	$115,547
		Total	332,579.11	sq.yd.	$3,227,842
SLURRY W/ LOCALIZED PATCHING (cat III)	2014		15,032.56	sq.yd.	$48,860
	2015		980.22	sq.yd.	$3,282
	2016		4,982.78	sq.yd.	$17,181
	2017		3,175	sq.yd.	$11,277
	2018		1,080	sq.yd.	$3,951
	2023		417.78	sq.yd.	$1,772
		Total	25,668.33	sq.yd.	$86,323
RECONSTRUCT STRUCTURE (AC)	2014		126,418	sq.yd.	$13,906,002
	2015		10,425.22	sq.yd.	$1,181,181
	2016		29,179.22	sq.yd.	$3,405,195
	2017		14,454.22	sq.yd.	$1,737,400
	2018		24,153	sq.yd.	$2,990,292
	2019		26,024.33	sq.yd.	$3,318,633
	2020		12,017.89	sq.yd.	$1,578,501
	2021		4,386.67	sq.yd.	$593,457
		Total	247,058.56	sq.yd.	$28,710,661
SLURRY SEAL	2014		44,410.22	sq.yd.	$99,927
	2015		18,866.22	sq.yd.	$43,725
	2016		25,847.44	sq.yd.	$61,706
	2021		37,041.44	sq.yd.	$102,510
	2022		3,182.67	sq.yd.	$9,072
	2023		7,150.44	sq.yd.	$20,993
		Total	136,498.44	sq.yd.	$337,933
				Total Cost	$32,362,759

Decision Tree

Printed: 07/31/2013

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Arterial	AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	3		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	3		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	3		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$56.25			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	3		
			Surface Treatment	DO NOTHING	$0.00		99	
			Restoration Treatment	DO NOTHING	$0.00			100
		II - Good, Non-Load Related		DO NOTHING	$0.00			
		III - Good, Load Related		DO NOTHING	$0.00			
		IV - Poor		DO NOTHING	$0.00			
		V - Very Poor		DO NOTHING	$0.00			

Functional Class and Surface combination not used

Decision Tree

Printed: 07/31/2013

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Collector	AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	DO NOTHING	$0.00		9	
			Restoration Treatment	DO NOTHING	$0.00			99
		II - Good, Non-Load Related		2 INCH OVERLAY	$9.75			
		III - Good, Load Related		2 INCH OVERLAY	$9.75			
		IV - Poor		2 INCH OVERLAY	$9.75			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	99		
			Surface Treatment	DO NOTHING	$0.00		99	
			Restoration Treatment	DO NOTHING	$0.00			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

Decision Tree

Printed: 07/31/2013

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	SLURRY SEAL	$2.25		7	
			Restoration Treatment	2 IN OVERLAY (RESTORATION)	$8.25			22
		II - Good, Non-Load Related		SLURRY SEAL	$2.25		7	
		III - Good, Load Related		SLURRY W/ LOCALIZED PATCHING (cat III)	$3.25			
		IV - Poor		2 INCH OVERLAY	$8.25			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/AC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	SLURRY SEAL	$2.25		7	
			Restoration Treatment	2 IN OVERLAY (RESTORATION)	$8.25			2
		II - Good, Non-Load Related		SLURRY SEAL	$2.25		7	
		III - Good, Load Related		SLURRY W/ LOCALIZED PATCHING (cat III)	$3.25			
		IV - Poor		2 INCH OVERLAY	$8.25			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	AC/PCC	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	4		
			Surface Treatment	SLURRY SEAL	$2.25		8	
			Restoration Treatment	2 IN OVERLAY (RESTORATION)	$8.25			3
		II - Good, Non-Load Related		SLURRY SEAL	$2.25		8	
		III - Good, Load Related		SLURRY W/ LOCALIZED PATCHING (cat III)	$3.25			
		IV - Poor		2 INCH OVERLAY	$8.25			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			
	PCC	I - Very Good	Crack Treatment	DO NOTHING	$0.00	99		
			Surface Treatment	DO NOTHING	$0.00		99	
			Restoration Treatment	DO NOTHING	$0.00			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

Decision Tree

Printed: 07/31/2013

Functional Class	Surface	Condition Category	Treatment Type	Treatment	Cost/Sq Yd, except Seal Cracks in LF:	Yrs Between Crack Seals	Yrs Between Surface Seals	# of Surface Seals before Overlay
Residential/Local	ST	I - Very Good	Crack Treatment	SEAL CRACKS	$0.85	5		
			Surface Treatment	SLURRY SEAL	$2.25		9	
			Restoration Treatment	DO NOTHING	$0.00			3
		II - Good, Non-Load Related		SLURRY SEAL	$2.25		8	
		III - Good, Load Related		SLURRY W/ LOCALIZED PATCHING (cat III)	$3.25			
		IV - Poor		2 INCH OVERLAY	$8.25			
		V - Very Poor		RECONSTRUCT STRUCTURE (AC)	$110.00			

Functional Class and Surface combination not used

Appendix D

Scenario Analysis Reports

Scenarios - Network Condition Summary

Interest: 5% **Inflation: 3%** Printed: 07/31/2013

Scenario: (1) Unconstrained Needs

Year	Budget	PM Amt	Year	Budget	PM Amt	Year	Budget	PM Amt
2014	$15,876,212	0%	**2015**	$1,609,906	0%	**2016**	$4,194,896	0%
2017	$2,117,005	0%	**2018**	$3,326,188	0%	**2019**	$3,428,473	0%
2020	$1,878,102	0%	**2021**	$2,398,135	0%	**2022**	$258,960	0%
2023	$576,543	0%						

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment
2014	66	81
2015	65	80
2016	63	82
2017	61	82
2018	59	83
2019	57	83
2020	55	83
2021	53	85
2022	52	84
2023	50	83

Percent Network Area by Functional Classification and Condition Class
Condition in base year 2014, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	20.3%	39.0%	0.0%	61.4%
II / III	0.0%	2.9%	11.8%	0.0%	14.7%
IV	0.0%	2.1%	12.8%	0.0%	14.9%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2014 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	24.6%	56.2%	0.0%	83.0%
II / III	0.0%	0.8%	7.6%	0.0%	8.4%
IV	0.0%	0.7%	7.9%	0.0%	8.6%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2023 after schedulable treatments applied.

Scenarios - Network Condition Summary

Printed: 07/31/2013

Scenario: (1) Unconstrained Needs

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	26.1%	70.9%	0.0%	99.2%
II / III	0.0%	0.0%	0.8%	0.0%	0.8%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Scenarios - Cost Summary

Interest: 5.00% **Inflation: 3.00%** Printed: 07/31/2013

Scenario: (1) Unconstrained Needs

Year	PM Amt	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2014	0%	$15,876,212	**II** $386,894	**Non-Project**	$771,637	$0	$0	**Funded**	$0
			III $48,860					**Unmet**	$0
			IV $762,818	**Project**	$0				
			V $13,906,002						
			Total **$15,104,574**						
			Project $0						
2015	0%	$1,609,906	**II** $259,271	**Non-Project**	$19,388	$0	$0	**Funded**	$0
			III $50,441					**Unmet**	$0
			IV $99,624	**Project**	$0				
			V $1,181,181						
			Total **$1,590,517**						
			Project $0						
2016	0%	$4,194,896	**II** $272,391	**Non-Project**	$328,511	$0	$0	**Funded**	$0
			III $17,181					**Unmet**	$0
			IV $171,617	**Project**	$0				
			V $3,405,195						
			Total **$3,866,384**						
			Project $0						
2017	0%	$2,117,005	**II** $27,578	**Non-Project**	$28,838	$0	$0	**Funded**	$0
			III $11,277					**Unmet**	$0
			IV $311,911	**Project**	$0				
			V $1,737,400						
			Total **$2,088,166**						
			Project $0						
2018	0%	$3,326,188	**II** $14,003	**Non-Project**	$64,857	$0	$0	**Funded**	$0
			III $3,951					**Unmet**	$0
			IV $253,084	**Project**	$0				
			V $2,990,292						
			Total **$3,261,330**						
			Project $0						
2019	0%	$3,428,473	**II** $7,017	**Non-Project**	$9,793	$0	$0	**Funded**	$0
			III $0					**Unmet**	$0
			IV $93,029	**Project**	$0				
			V $3,318,633						
			Total **$3,418,679**						
			Project $0						

Year	PM Amt	Budget		Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2020	0%	$1,878,102	**II**	$142,556	**Non-Project**	$3,347	$0	$0	**Funded**	$0
			III	$23,692					**Unmet**	$0
			IV	$130,005	**Project**	$0				
			V	$1,578,501						
			Total	**$1,874,754**						
			Project	$0						
2021	0%	$2,398,135	**II**	$257,523	**Non-Project**	$1,505,546	$0	$0	**Funded**	$0
			III	$41,608					**Unmet**	$0
			IV	$0	**Project**	$0				
			V	$593,457						
			Total	**$892,588**						
			Project	$0						
2022	0%	$258,960	**II**	$127,455	**Non-Project**	$131,504	$0	$0	**Funded**	$0
			III	$0					**Unmet**	$0
			IV	$0	**Project**	$0				
			V	$0						
			Total	**$127,455**						
			Project	$0						
2023	0%	$576,543	**II**	$136,540	**Non-Project**	$438,230	$0	$0	**Funded**	$0
			III	$1,772					**Unmet**	$0
			IV	$0	**Project**	$0				
			V	$0						
			Total	**$138,312**						
			Project	$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	$35,327	$368	$0	$0
Collector	$4,017,321	$7,142	$0	$0
Residential/Local	$28,310,111	$3,294,141	$0	$0
Grand Total:	$32,362,759	$3,301,651	$0	$0

Scenarios - Network Condition Summary

Interest: 5% Inflation: 3% Printed: 08/06/2013

Scenario: (2) Current Funding Level ($300k/year)

Year	Budget	PM Amt	Year	Budget	PM Amt	Year	Budget	PM Amt
2014	$300,000	10%	2015	$300,000	10%	2016	$300,000	10%
2017	$300,000	10%	2018	$300,000	10%	2019	$300,000	10%
2020	$300,000	10%	2021	$300,000	10%	2022	$300,000	10%
2023	$300,000	10%						

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment
2014	66	68
2015	65	67
2016	63	66
2017	61	66
2018	59	65
2019	57	64
2020	55	63
2021	53	63
2022	52	62
2023	50	61

Percent Network Area by Functional Classification and Condition Class
Condition in base year 2014, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	20.3%	39.0%	0.0%	61.4%
II / III	0.0%	2.9%	11.8%	0.0%	14.7%
IV	0.0%	2.1%	12.8%	0.0%	14.9%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2014 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	21.6%	41.0%	0.0%	64.8%
II / III	0.0%	2.9%	10.0%	0.0%	12.9%
IV	0.0%	0.8%	12.5%	0.0%	13.3%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class

Scenarios - Network Condition Summary

Printed: 08/06/2013

Scenario: (2) Current Funding Level ($300k/year)

Condition in year 2023 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	19.0%	41.7%	0.0%	62.8%
II / III	0.0%	4.2%	8.6%	0.0%	12.8%
IV	0.0%	1.5%	4.5%	0.0%	6.0%
V	0.0%	1.5%	16.9%	0.0%	18.3%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Scenarios - Cost Summary

Interest: 5.00% Inflation: 3.00% Printed: 08/06/2013

Scenario: (2) Current Funding Level ($300k/year)

Year	PM Amt	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2014	10%	$300,000	II $57,897	Non-Project	$29,847	$153	$15,576,487	Funded	$0
			III $0					Unmet	$120,112
			IV $211,898	Project	$0				
			V $0						
			Total $269,795						
			Project $0						
2015	10%	$300,000	II $38,870	Non-Project	$31,026	$0	$17,150,726	Funded	$0
			III $0					Unmet	$14,252
			IV $229,491	Project	$0				
			V $0						
			Total $268,361						
			Project $0						
2016	10%	$300,000	II $40,146	Non-Project	$30,860	$0	$21,504,850	Funded	$0
			III $0					Unmet	$31,877
			IV $228,800	Project	$0				
			V $0						
			Total $268,946						
			Project $0						
2017	10%	$300,000	II $81,632	Non-Project	$30,859	$0	$23,896,988	Funded	$0
			III $0					Unmet	$20,460
			IV $187,221	Project	$0				
			V $0						
			Total $268,853						
			Project $0						
2018	10%	$300,000	II $55,210	Non-Project	$31,373	$0	$27,487,819	Funded	$0
			III $0					Unmet	$28,203
			IV $213,229	Project	$0				
			V $0						
			Total $268,439						
			Project $0						
2019	10%	$300,000	II $49,948	Non-Project	$31,975	$0	$31,110,669	Funded	$0
			III $0					Unmet	$145,613
			IV $217,881	Project	$0				
			V $0						
			Total $267,829						
			Project $0						

Year	PM Amt	Budget	Rehabilitation			Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2020	10%	$300,000	II	$46,335	Non-Project	$30,184	$0	$33,487,212	Funded	$0
			III	$0					Unmet	$28,500
			IV	$223,493	Project	$0				
			V	$0						
			Total	$269,828						
			Project	$0						
2021	10%	$300,000	II	$94,463	Non-Project	$29,438	$562	$36,440,799	Funded	$0
			III	$1,678					Unmet	$49,751
			IV	$173,857	Project	$0				
			V	$0						
			Total	$269,998						
			Project	$0						
2022	10%	$300,000	II	$124,454	Non-Project	$30,115	$0	$38,152,382	Funded	$0
			III	$0					Unmet	$26,279
			IV	$145,165	Project	$0				
			V	$0						
			Total	$269,619						
			Project	$0						
2023	10%	$300,000	II	$60,823	Non-Project	$31,063	$0	$39,527,834	Funded	$0
			III	$0					Unmet	$39,528
			IV	$208,042	Project	$0				
			V	$0						
			Total	$268,865						
			Project	$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	$35,327	$368	$0	$0
Collector	$893,496	$3,386	$0	$67,218
Residential/Local	$1,761,710	$302,986	$0	$437,357
Grand Total:	$2,690,533	$306,740	$0	$504,575

Scenarios - Network Condition Summary

Interest: 5% **Inflation: 3%** Printed: 07/31/2013

Scenario: (3) Maintain Current PCI ($700k/year)

Year	Budget	PM Amt	Year	Budget	PM Amt	Year	Budget	PM Amt
2014	$700,000	20%	**2015**	$700,000	20%	**2016**	$700,000	20%
2017	$700,000	20%	**2018**	$700,000	20%	**2019**	$700,000	20%
2020	$700,000	20%	**2021**	$700,000	20%	**2022**	$700,000	20%
2023	$700,000	20%						

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment
2014	66	69
2015	65	70
2016	63	70
2017	61	70
2018	59	70
2019	57	70
2020	55	69
2021	53	69
2022	52	68
2023	50	68

Percent Network Area by Functional Classification and Condition Class
Condition in base year 2014, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	20.3%	39.0%	0.0%	61.4%
II / III	0.0%	2.9%	11.8%	0.0%	14.7%
IV	0.0%	2.1%	12.8%	0.0%	14.9%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2014 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	21.7%	43.5%	0.0%	67.4%
II / III	0.0%	2.9%	9.9%	0.0%	12.8%
IV	0.0%	0.7%	10.2%	0.0%	10.8%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2023 after schedulable treatments applied.

Scenarios - Network Condition Summary

Printed: 07/31/2013

Scenario: (3) Maintain Current PCI ($700k/year)

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	25.2%	54.3%	0.0%	81.7%
II / III	0.0%	0.0%	1.6%	0.0%	1.6%
V	0.0%	0.9%	15.9%	0.0%	16.8%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Scenarios - Cost Summary

Interest: 5.00% **Inflation: 3.00%** Printed: 07/31/2013

Scenario: (3) Maintain Current PCI ($700k/year)

Year	PM Amt	Budget		Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2014	20%	$700,000	II	$61,500	Non-Project	$139,890	$110	$15,176,446	Funded	$0
			III	$0					Unmet	$113,019
			IV	$498,304	Project	$0				
			V	$0						
			Total	**$559,804**						
			Project	$0						
2015	20%	$700,000	II	$174,717	Non-Project	$141,486	$0	$16,420,076	Funded	$0
			III	$10,816					Unmet	$11,107
			IV	$372,075	Project	$0				
			V	$0						
			Total	**$557,608**						
			Project	$0						
2016	20%	$700,000	II	$347,114	Non-Project	$141,782	$0	$20,364,279	Funded	$0
			III	$39,398					Unmet	$25,438
			IV	$171,617	Project	$0				
			V	$0						
			Total	**$558,129**						
			Project	$0						
2017	20%	$700,000	II	$216,604	Non-Project	$140,651	$0	$22,371,346	Funded	$0
			III	$30,175					Unmet	$12,528
			IV	$311,911	Project	$0				
			V	$0						
			Total	**$558,690**						
			Project	$0						
2018	20%	$700,000	II	$191,544	Non-Project	$151,028	$0	$25,647,783	Funded	$0
			III	$21,854					Unmet	$21,204
			IV	$253,084	Project	$0				
			V	$82,208						
			Total	**$548,690**						
			Project	$0						
2019	20%	$700,000	II	$15,434	Non-Project	$199,176	$0	$29,278,678	Funded	$0
			III	$10,017					Unmet	$137,699
			IV	$222,214	Project	$0				
			V	$253,213						
			Total	**$500,878**						
			Project	$0						

Year	PM Amt	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2020	20%	$700,000	**II** $142,556	**Non-Project**	$150,896	$0	$31,340,392	**Funded**	$0
			III $23,692					**Unmet**	$19,053
			IV $134,121	**Project**	$0				
			V $246,945						
			Total **$547,314**						
			Project $0						
2021	20%	$700,000	**II** $210,261	**Non-Project**	$150,188	$0	$32,772,020	**Funded**	$0
			III $41,608					**Unmet**	$32,200
			IV $22,298	**Project**	$0				
			V $275,263						
			Total **$549,430**						
			Project $0						
2022	20%	$700,000	**II** $161,422	**Non-Project**	$203,676	$0	$33,602,260	**Funded**	$0
			III $0					**Unmet**	$12,850
			IV $65,625	**Project**	$0				
			V $269,214						
			Total **$496,261**						
			Project $0						
2023	20%	$700,000	**II** $160,546	**Non-Project**	$176,475	$0	$34,300,346	**Funded**	$0
			III $0					**Unmet**	$23,629
			IV $0	**Project**	$0				
			V $362,864						
			Total **$523,410**						
			Project $0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	$35,327	$368	$0	$0
Collector	$2,869,932	$5,042	$0	$39,876
Residential/Local	$2,494,955	$1,589,838	$0	$368,851
Grand Total:	$5,400,214	$1,595,248	$0	$408,728

Scenarios - Network Condition Summary

Interest: 5% **Inflation: 3%** Printed: 07/31/2013

Scenario: (4) Increase PCI 5 points ($1.7mil/year)

Year	Budget	PM Amt	Year	Budget	PM Amt	Year	Budget	PM Amt
2014	$1,700,000	25%	**2015**	$1,700,000	25%	**2016**	$1,700,000	25%
2017	$1,700,000	25%	**2018**	$1,700,000	25%	**2019**	$1,700,000	25%
2020	$1,700,000	25%	**2021**	$1,700,000	25%	**2022**	$1,700,000	25%
2023	$1,700,000	25%						

Projected Network Average PCI by year

Year	Never Treated	With Selected Treatment
2014	66	72
2015	65	72
2016	63	73
2017	61	73
2018	59	73
2019	57	72
2020	55	72
2021	53	72
2022	52	73
2023	50	73

Percent Network Area by Functional Classification and Condition Class
Condition in base year 2014, prior to applying treatments.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	20.3%	39.0%	0.0%	61.4%
II / III	0.0%	2.9%	11.8%	0.0%	14.7%
IV	0.0%	2.1%	12.8%	0.0%	14.9%
V	0.0%	0.8%	8.2%	0.0%	9.0%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class
Condition in year 2014 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	23.8%	48.1%	0.0%	74.1%
II / III	0.0%	0.8%	7.6%	0.0%	8.4%
IV	0.0%	0.7%	7.9%	0.0%	8.6%
V	0.0%	0.8%	8.1%	0.0%	8.9%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Percent Network Area by Functional Classification and Condition Class

Scenarios - Network Condition Summary

Printed: 07/31/2013

Scenario: (4) Increase PCI 5 points
($1.7mil/year)

Condition in year 2023 after schedulable treatments applied.

Condition Class	Arterial	Collector	Res/Loc	Other	Total
I	2.2%	26.1%	57.3%	0.0%	85.6%
II / III	0.0%	0.0%	1.8%	0.0%	1.8%
V	0.0%	0.0%	12.6%	0.0%	12.6%
Total	**2.2%**	**26.1%**	**71.7%**	**0.0%**	**100.0%**

Scenarios - Cost Summary

Interest: 5.00% **Inflation: 3.00%** Printed: 07/31/2013

Scenario: (4) Increase PCI 5 points ($1.7mil/year)

Year	PM Amt	Budget	Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2014	25%	$1,700,000	**II** $386,894	**Non-Project**	$428,629	$0	$14,176,434	**Funded**	$0
			III $48,860					**Unmet**	$98,092
			IV $762,818	**Project**	$0				
			V $72,539						
			Total **$1,271,111**						
			Project $0						
2015	25%	$1,700,000	**II** $259,271	**Non-Project**	$372,706	$52,294	$14,567,913	**Funded**	$0
			III $50,441					**Unmet**	$4,749
			IV $99,624	**Project**	$0				
			V $861,712						
			Total **$1,271,048**						
			Project $0						
2016	25%	$1,700,000	**II** $272,391	**Non-Project**	$328,511	$96,489	$17,614,534	**Funded**	$0
			III $17,181					**Unmet**	$22,693
			IV $171,617	**Project**	$0				
			V $795,603						
			Total **$1,256,792**						
			Project $0						
2017	25%	$1,700,000	**II** $27,578	**Non-Project**	$28,838	$396,162	$18,977,826	**Funded**	$0
			III $11,277					**Unmet**	$11,514
			IV $311,911	**Project**	$0				
			V $902,543						
			Total **$1,253,309**						
			Project $0						
2018	25%	$1,700,000	**II** $14,003	**Non-Project**	$59,433	$365,567	$21,536,818	**Funded**	$0
			III $3,951					**Unmet**	$17,202
			IV $253,084	**Project**	$0				
			V $1,000,630						
			Total **$1,271,668**						
			Project $0						
2019	25%	$1,700,000	**II** $7,017	**Non-Project**	$13,426	$411,574	$24,359,409	**Funded**	$0
			III $0					**Unmet**	$114,660
			IV $93,029	**Project**	$0				
			V $1,142,144						
			Total **$1,242,190**						
			Project $0						

Year	PM Amt	Budget		Rehabilitation		Preventative Maintenance	Surplus PM	Deferred		Stop Gap
2020	25%	$1,700,000	**II**	$142,556	**Non-Project**	$2,933	$422,067	$25,698,804	**Funded**	$0
			III	$23,692					**Unmet**	$15,567
			IV	$130,005	**Project**	$0				
			V	$969,887						
			Total	**$1,266,140**						
			Project	$0						
2021	25%	$1,700,000	**II**	$257,523	**Non-Project**	$461,247	$0	$26,428,896	**Funded**	$0
			III	$41,608					**Unmet**	$28,005
			IV	$0	**Project**	$0				
			V	$939,474						
			Total	**$1,238,605**						
			Project	$0						
2022	25%	$1,700,000	**II**	$127,455	**Non-Project**	$461,944	$0	$26,167,421	**Funded**	$0
			III	$0					**Unmet**	$10,419
			IV	$0	**Project**	$0				
			V	$1,110,362						
			Total	**$1,237,817**						
			Project	$0						
2023	25%	$1,700,000	**II**	$136,540	**Non-Project**	$448,985	$0	$25,716,842	**Funded**	$0
			III	$1,772					**Unmet**	$19,942
			IV	$0	**Project**	$0				
			V	$1,111,604						
			Total	**$1,249,916**						
			Project	$0						

Summary

Functional Class	Rehabilitation	Prev. Maint.	Funded Stop Gap	Unmet Stop Gap
Arterial	$35,327	$368	$0	$0
Collector	$4,096,585	$6,917	$0	$8,717
Residential/Local	$8,426,684	$2,599,367	$0	$334,126
Grand Total:	$12,558,596	$2,606,652	$0	$342,843

Appendix E

Section PCI/RSL Listing

Map – Current PCI Condition

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
10THCT	005	10TH COURT SW	NYE AVENUE SW	CUL-DE-SAC	258	32	8,256	R - Residential/Local	A - AC	78	25.18
10THNW	005	10TH STREET NW	BRIDGE DECK N	CARDEN AVE NW	832	40	33,280	C - Collector	O - AC/AC	92	29.32
10THNW	010	10TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	374	37	13,838	C - Collector	O - AC/AC	61	11.81
10THNW	015	10TH STREET NW	DESPAIN AVE NW	FURNISH AVE NW	736	28	20,608	R - Residential/Local	O - AC/AC	78	31.4
10THNW	020	10TH STREET NW	FURNISH AVE NW	HORN AVE NW	621	28	17,388	R - Residential/Local	O - AC/AC	24	0
10THNW	025	10TH STREET NW	HORN AVE NW	KING AVE NW/9TH ST NW	632	25	15,800	R - Residential/Local	O - AC/AC	32	2.68
10THSE	010	10TH STREET SE	GOODWIN AVE SE/FRANKLIN GRADE	FRAZER AVE SE	413	24	9,912	R - Residential/Local	O - AC/AC	81	32.55
10THSE	015	10TH STREET SE	FRAZER AVE SE	ST HWY 11	301	30	9,030	R - Residential/Local	O - AC/AC	87	43.53
10THSE	020	10TH STREET SE	10TH ST SE	EMIGRANT AVE SE/CORNER	275	31	8,525	R - Residential/Local	A - AC	84	33.67
10THSE	025	10TH STREET SE	COURT AVE SE	BYERS AVE SE	415	31	12,865	R - Residential/Local	A - AC	64	17.89
10THSE	030	10TH STREET SE	BYERS AVE SE	DEAD END N	509	32	16,288	R - Residential/Local	A - AC	28	0.93
10THSW	002	10TH STREET SW	DEAD END S	ISAAC AVE SW	458	33	15,114	R - Residential/Local	A - AC	84	28.6
10THSW	003	10TH STREET SW	GOODWIN PL SW	GOODWIN AVE SW	245	27	6,615	R - Residential/Local	O - AC/AC	84	38.29
10THSW	005	10TH STREET SW	FRAZER AVE SW	DEAD END SE	197	28	5,516	R - Residential/Local	A - AC	92	32.94
10THSW	010	10TH STREET SW	EMIGRANT AVE SW	DORION AVE	368	40	14,720	R - Residential/Local	O - AC/AC	64	17.82
10THSW	012	10TH STREET SW	DORION AVE	COURT AVE	368	40	14,720	R - Residential/Local	O - AC/AC	92	37.09
10THSW	015	10TH STREET SW	COURT AVE SW	BRIDGE DECK	297	42	12,474	R - Residential/Local	O - AC/AC	95	38.11
10THSW	020	10TH STREET SW	BRIDGE DECK S	BRIDGE DECK N	257	38	9,766	R - Residential/Local	P - PCC	91	74.08
11THCT	005	11TH COURT SW	NYE AVENUE SW	CUL-DE-SAC	312	32	9,984	R - Residential/Local	A - AC	79	26.32
11THNW	005	11TH STREET NW	AURA AVE NW	CARDEN AVE NW	554	28	15,512	R - Residential/Local	O - AC/AC	67	21.5
11THNW	010	11TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	347	28	9,716	R - Residential/Local	O - AC/AC	61	18.63
11THNW	015	11TH STREET NW	DESPAIN AVE NW	GILLIAM AV NW	1,078	28	30,184	R - Residential/Local	O - AC/AC	76	30.09
11THNW	020	11TH STREET NW	GILLIAM AVE NW	HORN AVE NW	240	25	6,000	R - Residential/Local	O - AC/AC	59	17.36
11THNW	025	11TH STREET NW	HORN AVE NW	LOT #816/WIDTH CHG	617	25	15,425	R - Residential/Local	O - AC/AC	31	2.31
11THNW	030	11TH STREET NW	LOT #816/WIDTH CHG	KING AVE NW	243	33	8,019	R - Residential/Local	O - AC/AC	60	16.33
11THSE	015	11TH STREET SE	FRAZER AVE SE	EMIGRANT AVE SE/CORNER	283	33	9,339	R - Residential/Local	A - AC	81	29.43
11THSE	020	11TH STREET SE	COURT AVE SE	ALEXANDER AVE SE	695	31	21,545	R - Residential/Local	O - AC/AC	19	0
11THSW	003	11TH STREET SW	HAILEY AVE SW	GOODWIN AVE SW	395	27	10,665	R - Residential/Local	O - AC/AC	82	36.18
12THCT	005	12TH COURT SW	NYE AVENUE SW	CUL-DE-SAC	195	32	6,240	R - Residential/Local	A - AC	75	22.07
12TDNW	005	12TH DRIVE NW	12TH ST NW	END OF LOOP	494	27	13,338	R - Residential/Local	O - AC/AC	40	5.45

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
12THNW	005	12TH STREET NW	EAGLE CREST APPT CMPLX	CARDEN AVE NW	411	33	13,563	R - Residential/Local	O - AC/AC	77	31.32
12THNW	010	12TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	345	28	9,660	R - Residential/Local	O - AC/AC	50	11.43
12THNW	015	12TH STREET NW	DESPAIN AVE NW	HORN AVE NW	1,311	37	48,507	R - Residential/Local	O - AC/AC	40	5.83
12THNW	020	12TH STREET NW	HORN AVE NW	KING AVE NW	974	33	32,142	R - Residential/Local	O - AC/AC	18	0
12THNW	025	12TH STREET NW	KING AVE NW	12TH DR NW	303	33	9,999	R - Residential/Local	O - AC/AC	86	33.61
12THNW	030	12TH STREET NW	12TH DR NW	PVT RD/PKNG LOT	488	33	16,104	R - Residential/Local	O - AC/AC	75	26.71
12THSE	010	12TH STREET SE	COURT PL SE	BYERS AVE SE	386	33	12,738	R - Residential/Local	O - AC/AC	74	27.02
12THSE	015	12TH STREET SE	BYERS AVE SE	ALEXANDER PL SE	287	37	10,619	R - Residential/Local	O - AC/AC	85	32.94
12THDR	005	12TH STREET SW	NYE AVENUE SW	NORTH DEAD END	1,011	32	32,352	R - Residential/Local	A - AC	83	30.76
12THSW	005	12TH STREET SW	CULDESAC S	FRAZER AVE SW	305	29	8,845	R - Residential/Local	O - AC/AC	12	0
12THSW	010	12TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	377	29	10,933	R - Residential/Local	O - AC/AC	41	6.22
12THSW	015	12TH STREET SW	DORIAN AVE SW	COURT AVE SW	376	35	13,160	R - Residential/Local	O - AC/AC	82	36.18
13TSNW	005	13TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	362	28	10,136	R - Residential/Local	O - AC/AC	72	24.89
13THSW	003	13TH STREET SW	ISAAC AVE SW	HAILEY AVE SW	433	33	14,289	R - Residential/Local	O - AC/AC	74	26.11
13THSW	004	13TH STREET SW	HAILEY AVE SW	GOODWIN LN SW	320	25	8,000	R - Residential/Local	O - AC/AC	76	30.71
13THSW	005	13TH STREET SW	CULDESAC S	FRAZER AVE SW	312	29	9,048	R - Residential/Local	O - AC/AC	8	0
13THSW	010	13TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	372	33	12,276	R - Residential/Local	O - AC/AC	83	32.6
13THSW	015	13TH STREET SW	EMIGRANT AVE SW	DORIAN AVE SW	402	29	11,658	R - Residential/Local	A - AC	87	36.36
14TDNW	005	14TH DRIVE NW	14TH ST NW	DEAD END N	120	12	1,440	R - Residential/Local	A - AC	16	0
14THNW	005	14TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	299	31	9,269	R - Residential/Local	O - AC/AC	85	36.16
14THNW	010	14TH STREET NW	DESPAIN AVE NW	15TH DR NW/15TH ST NW	1,155	25	28,875	R - Residential/Local	O - AC/AC	77	27.83
14THSE	005	14TH STREET SE	DR. OFFICE PARKING LOT	COURT AVE SE	188	20	3,760	R - Residential/Local	A - AC	64	16.43
14THSE	010	14TH STREET SE	COURT AVE SE	COURT PL SE	359	31	11,129	R - Residential/Local	O - AC/AC	82	34.1
14THSW	002	14TH STREET SW	DEAD END SOUTH	MARSHALL AVENUE SW	118	32	3,776	R - Residential/Local	A - AC	81	26.7
14THSW	010	14TH STREET SW	EMIGRANT AVENUE SW	CUL-DE-SAC	351	28	9,828	R - Residential/Local	O - AC/AC	86	33.61
15TDNW	005	15TH DRIVE NW	15TH ST NW	SCHOOL PARKING LOT	782	33	25,806	R - Residential/Local	O - AC/AC	17	0
15THDE	005	15TH DRIVE SE	BYERS AVE SE	ALEXANDER PL SE	221	29	6,409	R - Residential/Local	O - AC/AC	37	4.93
15THNW	005	15TH STREET NW	15TH DR NW	14TH ST NW	778	25	19,450	R - Residential/Local	O - AC/AC	79	30.43
15THSE	005	15TH STREET SE	DR. OFFICE PKNG LOT	COURT AVE SE	179	32	5,728	R - Residential/Local	A - AC	74	24.23
15THSE	010	15TH STREET SE	BYERS AVE SE	ALEXANDER PL SE	255	68	17,340	R - Residential/Local	A - AC	52	9.42
15THSW	005	15TH STREET SW	GOODWIN AVE SW	FRAZER AVE	242	29	7,018	R - Residential/Local	O - AC/AC	13	0

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
15THSW	010	15TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	393	42	16,506	R - Residential/Local	O - AC/AC	78	29.1
15THSW	015	15TH STREET SW	EMIGRANT AVE SW	DEAD END N	468	29	13,572	R - Residential/Local	O - AC/AC	78	28.02
16THSE	005	16TH STREET SE	PRIVATE DR S	COURT AVE SE	162	28	4,536	R - Residential/Local	A - AC	35	3.13
16THSE	007	16TH STREET SE	COURT AVE	CUL DE SAC NORTH	305	30	9,150	R - Residential/Local	A - AC	91	32.52
16THSE	010	16TH STREET SE	BYERS AVE SE	ALEXANDER PL SE	254	32	8,128	R - Residential/Local	O - AC/AC	31	2.31
16THSW	010	16TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	371	29	10,759	R - Residential/Local	O - AC/AC	49	10.86
16THSW	015	16TH STREET SW	EMIGRANT AVE SW	SMITH FOOD SALES LOT	507	29	14,703	R - Residential/Local	O - AC/AC	73	27.8
17THSE	005	17TH STREET SE	DEAD END S	COURT AVE SE	229	16	3,664	R - Residential/Local	A - AC	45	7.31
17THSE	010	17TH STREET SE	COURT AVE SE	COURT PLACE SE	376	29	10,904	A - Arterial	A - AC	86	22.05
17THSE	015	17TH STREET SE	COURT PLACE SE	BYERS AVE SE	794	33	26,202	C - Collector	O - AC/AC	41	4.25
17THSE	025	17TH STREET SE	ALEXANDER PL SE	CULDESAC N	238	33	7,854	R - Residential/Local	O - AC/AC	82	30.85
17THST	005	17TH STREET SW	FRAZER AVE SW	COURT AVE SW	1,159	42	48,678	R - Residential/Local	O - AC/AC	95	38.12
18THSE	010	18TH STREET SE	COURT AVE SE	COURT PL SE	353	31	10,943	R - Residential/Local	O - AC/AC	10	0
18THSE	015	18TH STREET SE	DEAD END S OF BYERS PL	BYERS AVE SE	534	33	17,622	R - Residential/Local	O - AC/AC	28	1.09
18THST	005	18TH STREET SW	DEAD END S OF RUNNION AVE	LOT#1730/PAVE CHG	711	33	23,463	R - Residential/Local	A - AC	75	23.74
18THST	010	18TH STREET SW	LOT# 1730/PAVE CHG	PERKINS AVE SW	613	33	20,229	R - Residential/Local	A - AC	59	14.65
18THST	015	18TH STREET SW	PERKINS AVE SW	DEAD END N	430	33	14,190	R - Residential/Local	O - AC/AC	69	24.8
18THST	020	18TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	372	29	10,788	R - Residential/Local	O - AC/AC	56	15.01
18THST	025	18TH STREET SW	EMIGRANT AVE SW	DEAD END N	447	33	14,751	R - Residential/Local	O - AC/AC	58	15.18
18THST	030	18TH STREET SW	WEST GATE	BYERS AVENUE SW	809	35	28,315	R - Residential/Local	O - AC/AC	20	0
19THDE	010	19TH DRIVE SE	COURT AVE SE	COURT PL SE	324	21	6,804	R - Residential/Local	O - AC/AC	12	0
19THDE	015	19TH DRIVE SE	PVT ROAD/ DEAD END S	BYERS AVE	671	33	22,143	R - Residential/Local	O - AC/AC	33	3.13
19THSE	005	19TH STREET SE	DEAD END S	COURT AVE SE	145	31	4,495	R - Residential/Local	O - AC/AC	17	0
19THSE	010	19TH STREET SE	COURT AVE SE	COURT PL SE	347	29	10,063	R - Residential/Local	O - AC/AC	51	12.24
19THSE	015	19TH STREET SE	CULDESAC S OF BYERS PL SE	BYERS AVE SE	612	33	20,196	R - Residential/Local	O - AC/AC	19	0
19THSE	020	19TH STREET SE	BYERS AVE SE	DEAD END N	378	33	12,474	R - Residential/Local	O - AC/AC	78	27.54
19THST	005	19TH STREET SW	HAILEY AVE SW	GOODWIN AVE SW	438	33	14,454	R - Residential/Local	A - AC	28	0.92
19THST	015	19TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	380	29	11,020	R - Residential/Local	O - AC/AC	84	38.98
19THST	020	19TH STREET SW	EMIGRANT AVE	DEAD END N	288	33	9,504	R - Residential/Local	O - AC/AC	48	10.05
1STSNE	005	1ST STREET NE	DESPAIN AVE NE	ELLIS AVE NE	357	30	10,710	R - Residential/Local	O - AC/AC	85	32.94

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
1STSNE	010	1ST STREET NE	ELLIS AVE NE	ELLIS PL NE	188	30	5,640	R - Residential/Local	O - AC/AC	18	0
1STSTE	005	1ST STREET SE	KIRK AVE SE	JAY ST SE	486	33	16,038	R - Residential/Local	O - AC/AC	77	27.32
1STSTE	007	1ST STREET SE	DEAD END S	ISAAC AVE SE	370	29	10,730	R - Residential/Local	O - AC/AC	63	18.69
1STSTE	010	1ST STREET SE	ISAAC AVE SE	HAILEY AVE SE	400	33	13,200	R - Residential/Local	O - AC/AC	77	29.63
1STSTE	015	1ST STREET SE	FRAZER AVE SE	DORION AVE SE	594	42	24,948	R - Residential/Local	O - AC/AC	42	7.23
1STSTE	020	1ST STREET SE	DORIAN AVE SE	COURT AVE SE	342	40	13,680	R - Residential/Local	O - AC/AC	32	2.56
1STSTE	025	1ST STREET SE	COURT AVE SE	BYERS AVE SE	329	40	13,160	R - Residential/Local	O - AC/AC	95	38.12
1STSTE	030	1ST STREET SE	BYERS AVE SE	DEAD END NW	198	38	7,524	R - Residential/Local	O - AC/AC	86	33.61
1STSSW	003	1ST STREET SW	CULDESAC S. OF TAHOE AVE SW	HOUSE #1706	1,070	33	35,310	R - Residential/Local	O - AC/AC	96	38.29
1STSSW	004	1ST STREET SW	HOUSE #1706	QUINNEY PL SW	880	33	29,040	R - Residential/Local	O - AC/AC	80	26.98
1STSSW	005	1ST STREET SW	DEAD END S	ISAAC AVE SW	438	33	14,454	R - Residential/Local	O - AC/AC	72	22.95
1STSSW	015	1ST STREET SW	FRAZER AVE SW	DORION AVE SW	595	40	23,800	R - Residential/Local	O - AC/AC	54	13.73
1STSSW	020	1ST STREET SW	DORION AVE SW	COURT AVE SW	378	40	15,120	R - Residential/Local	O - AC/AC	67	20.6
1STSSW	025	1ST STREET SW	COURT AVE SW	BYERS AVE SW/CORNER	322	40	12,880	R - Residential/Local	O - AC/AC	50	11.32
1STSTW	007	1ST STREET SW	ISAAC AVE SW	DEAD END N	295	29	8,555	R - Residential/Local	O - AC/AC	83	37.22
1STSTW	010	1ST STREET SW	HAILEY AVE SW	GOODWIN AVE SW	368	29	10,672	R - Residential/Local	O - AC/AC	47	9.97
20THSE	005	20TH STREET SE	COURT AVE SE	COURT PL SE	351	31	10,881	R - Residential/Local	O - AC/AC	28	1.04
20THST	010	20TH STREET SW	GOODWIN AVE SW	FRAZER PL SW	304	33	10,032	R - Residential/Local	O - AC/AC	84	37.51
20THST	015	20TH STREET SW	EMIGRANT AVE SW	COURT AVE SW	792	42	33,264	C - Collector	O - AC/AC	91	28.99
20THST	020	20TH STREET SW	COURT AVE SW	WAL-MART PARKING LOT	1,083	56	60,648	C - Collector	A - AC	73	13.05
21DRNW	005	21ST DRIVE NW	SOUTH DEAD END	DESPAIN AVENUE NW	171	33	5,643	R - Residential/Local	A - AC	79	25.42
21DRNW	010	21ST DRIVE NW	DESPAIN AVENUE NW	GILLIAM AVENUE NW	1,023	32	32,736	R - Residential/Local	O - AC/AC	74	26.11
21STNW	004	21ST STREET NW	DESPAIN AVENUE NW	GILLIAM AVENUE NW	965	32	30,880	R - Residential/Local	A - AC	65	16.92
21STNW	005	21ST STREET NW	GILLIAM AVENUE NW	#524 21ST STREET NW	457	32	14,624	R - Residential/Local	A - AC	41	5.82
21STNW	010	21ST STREET NW	#524 21ST STREET NW	EAST DEAD END	626	32	20,032	R - Residential/Local	A - AC	66	17.63
21STST	005	21ST STREET SW	NYE AVE SW	DEAD END N GATE	503	33	16,599	R - Residential/Local	O - AC/AC	83	38.39
21STST	010	21ST STREET SW	HAILEY AVE SW	ISAAC AVE SW/END OF PAVE	416	32	13,312	R - Residential/Local	O - AC/AC	79	28.73
21STST	015	21ST STREET SW	DEAD END S OF FRAZER PL	DEAD END N OF FRAZER PL	253	29	7,337	R - Residential/Local	O - AC/AC	43	7.83
21STSW	020	21ST STREET SW	EMIGRANT AVE SW	DORION AVE SW	479	32	15,328	R - Residential/Local	O - AC/AC	77	27.83
22NDST	005	22ND STREET SW	QUINNEY AVE SW	QUINNEY DR SW	316	33	10,428	R - Residential/Local	O - AC/AC	72	24.01

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
22NDST	015	22ND STREET SW	DEAD END S	DORIAN AVE SW	154	32	4,928	R - Residential/Local	A - AC	60	14.3
23STNW	005	23RD STREET NW	FURNISH AVENUE NW	NORTH DEAD END	1,107	32	35,424	R - Residential/Local	A - AC	82	30.11
23RDST	005	23RD STREET SW	NYE AVE SW	LADOW AVE SW	525	37	19,425	C - Collector	O - AC/AC	87	27.18
23RDST	010	23RD STREET SW	PERKINS AVE SW	NYE AVE SW	563	37	20,831	R - Residential/Local	O - AC/AC	58	16
23RDST	015	23RD STREET SW	DORION AVE SW	COURT AVE SW	338	33	11,154	R - Residential/Local	O - AC/AC	37	4.76
24THST	005	24TH STREET SW	DEAD END S/W OF PARK	400 FT S OF PERKINS AVE SW	607	33	20,031	R - Residential/Local	A - AC	87	38.1
24THST	010	24TH STREET SW	400 FT S OF PERKINS AVE SW	125 FT N OF PERKINS AVE	526	33	17,358	R - Residential/Local	A - AC	34	2.86
24THST	015	24TH STREET SW	125 FT N OF PERKINS AVE SW	CULDESAC N OF MARSHALL AVE	728	37	26,936	R - Residential/Local	A - AC	52	10.5
25THST	005	25TH STREET SW	MARSHALL AVE SW	30TH ST SW/CORNER	559	33	18,447	R - Residential/Local	O - AC/AC	87	34.27
27THST	005	27TH STREET SW	BEG OF PAVES/PRIVATE DRIVE	MINI MARKET BACK ENTRANCE	450	16	7,200	R - Residential/Local	O - AC/AC	42	7
27THST	010	27TH STREET SW	MINI MARKET BACK ENTRANCE	HAILEY AVE SW	486	20	9,720	R - Residential/Local	O - AC/AC	66	21.12
28THST	002	28TH DRIVE SW	RIVERVIEW DR SW WEST INT	ROAD NARROWS	1,824	30	54,720	R - Residential/Local	A - AC	84	34.23
28THST	003	28TH DRIVE SW	ROAD NARROWS	30TH STREET SW	482	42	20,244	R - Residential/Local	A - AC	47	8.16
28THST	004	28TH STREET SW	30TH ST SW	PENDLETON SQUARE APTS	570	34	19,380	R - Residential/Local	A - AC	58	13.29
28THST	010	28TH STREET SW	HAILEY AVE SW	30TH ST SW	1,432	33	47,256	R - Residential/Local	O - AC/AC	80	32.51
28THST	015	28TH STREET SW	ATHLETIC CLUB PARKING LOT	30TH ST SW	948	33	31,284	R - Residential/Local	O - AC/AC	81	32.55
29THST	005	29TH STREET SW	28TH ST SW	HAILEY AVE SW	1,191	33	39,303	R - Residential/Local	O - AC/AC	82	34.87
2NDCSW	010	2ND COURT SW	CUL DE SAC S. OF TAHOE AVE SW	CUL DE SAC N. OF TAHOE AVE SW	490	33	16,170	R - Residential/Local	A - AC	96	34.04
2NDSTE	005	2ND STREET SE	KIRK ST SE	200 FT N OF JAY ST SE	783	33	25,839	R - Residential/Local	O - AC/AC	25	0
2NDSTE	010	2ND STREET SE	200 FT N OF JAY ST SE	ISAAC ST SE	336	29	9,744	R - Residential/Local	O - AC/AC	60	17.41
2NDSTE	015	2ND STREET SE	FRAZER AVE SE	COURT AVE SE	957	40	38,280	R - Residential/Local	O - AC/AC	92	37.09
2NDSTE	020	2ND STREET SE	COURT AVE SE	BYERS AVE SE	334	35	11,690	R - Residential/Local	O - AC/AC	87	34.27
2NDSTE	025	2ND STREET SE	BYERS AVE SE	CULDESAC NW	284	42	11,928	R - Residential/Local	O - AC/AC	18	0
2NDSSW	001	2ND STREET SW	DEAD END SOUTH	NYE AVENUE SW	774	32	24,768	R - Residential/Local	A - AC	21	0
2NDSSW	002	2ND STREET SW	DEAD END S	ISAAC AVE SW	321	22	7,062	R - Residential/Local	A - AC	54	11.33
2NDSSW	003	2ND STREET SW	BEGINNING OF PAVEMENT	QUINNEY PLACE SW	363	30	10,890	R - Residential/Local	A - AC	82	31.34

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
2NDSSW	004	2ND STREET SW	ISAAC AVE SW	DEAD END N	226	33	7,458	R - Residential/Local	O - AC/AC	70	25.94
2NDSSW	005	2ND STREET SW	HAILEY AVE SW	GOODWIN AVE SW	391	29	11,339	R - Residential/Local	O - AC/AC	55	14.36
2NDSSW	010	2ND STREET SW	FRAZER AVENUE SW	EMIGRANT AVENUE SW	221	42	9,282	R - Residential/Local	O - AC/AC	82	38.41
2NDSSW	015	2ND STREET SW	EMIGRANT AVENUE SW	DORION AVENUE SW	382	40	15,280	R - Residential/Local	O - AC/AC	18	0
2NDSSW	020	2ND STREET SW	DORION AVENUE SW	COURT AVENUE SW	378	40	15,120	R - Residential/Local	O - AC/AC	87	44.3
20STNW	005	2OTH STREET NW	21ST STREET NW	NORTH DEAD END (GATE)	158	32	5,056	R - Residential/Local	A - AC	78	26.89
30THST	005	30TH STREET SW	25TH ST SW/CORNER	ST HWY 395	537	37	19,869	R - Residential/Local	O - AC/AC	32	2.56
30THST	010	30TH STREET SW	ST HWY 395	28TH ST SW (S INT)	151	37	5,587	C - Collector	O - AC/AC	78	22.96
30THST	015	30TH STREET SW	28TH ST SW (S INT)	HAILEY AVE SW	1,423	33	46,959	C - Collector	O - AC/AC	84	25.48
30THST	020	30TH STREET SW	HAILEY AVE SW	28TH AVE SW	975	42	40,950	R - Residential/Local	O - AC/AC	56	12.44
31STST	005	31ST STREET SW	MARSHALL AVE SW	JAY AVE SW	861	33	28,413	R - Residential/Local	O - AC/AC	52	11.94
31STST	010	31ST STREET SW	JAY AVE SW	HAILEY AVE SW	561	33	18,513	R - Residential/Local	O - AC/AC	62	19.39
32NDST	005	32ND STREET SW	JAY AVE SW	HAILEY AVE SW	617	33	20,361	R - Residential/Local	A - AC	41	5.61
33RDCT	005	33RD COURT SW	CULDESAC W	PERKINS AVE SW	620	33	20,460	R - Residential/Local	A - AC	33	2.71
33RDST	005	33RD STREET SW	PERKINS AVE SW	JAY AVE SW	1,280	33	42,240	R - Residential/Local	A - AC	80	26.06
37THCT	005	37TH COURT SW	37TH ST SW	CULDESAC E	149	33	4,917	R - Residential/Local	O - AC/AC	84	35.64
37THST	005	37TH STREET SW	SOUTHGATE PLACE SW	JAY AVE SW	2,108	40	84,320	C - Collector	A - AC	78	14.51
37THST	010	37TH STREET SW	JAY AVE SW	HAILEY AVE SW	611	28	17,108	C - Collector	A - AC	50	5.36
37THST	015	37TH STREET SW	HAILEY AVE SW	PRIVATE DRIVE NW-LOT 610	1,054	16	16,864	R - Residential/Local	A - AC	74	21.13
39THST	005	39TH STREET SW	41ST ST SW	40TH ST SW	1,107	33	36,531	R - Residential/Local	A - AC	87	30.42
3RDDSE	003	3RD DRIVE SE	SOUTH DEAD END	NYE AVENUE SE	388	32	12,416	R - Residential/Local	A - AC	75	22.89
3RDSSE	025	3RD DRIVE SE	EMIGRANT AVE SE	DORION AVE SE	387	31	11,997	R - Residential/Local	O - AC/AC	16	0
3RDSSE	030	3RD DRIVE SE	DORIAN AVE SE	COURT AVE SE	362	35	12,670	R - Residential/Local	O - AC/AC	36	3.93
3RDSSE	035	3RD DRIVE SE	COURT AVE SE	BYERS AVE SE	322	31	9,982	R - Residential/Local	O - AC/AC	57	13.58
3RDPSW	005	3RD PLACE SW	NYE AVENUE SW	CUL-DE-SAC	342	32	10,944	R - Residential/Local	A - AC	86	29.83
3RDNW	005	3RD STREET NW	DESPAIN AVE NW	ELLIS AVE NW	393	28	11,004	R - Residential/Local	O - AC/AC	43	7.73
3RDNW	015	3RD STREET NW	FURNISH AVE NW	HORN PL NW	722	30	21,660	R - Residential/Local	O - AC/AC	79	32.26
3RDNW	020	3RD STREET NW	HORN PL NW	CULDESAC W	458	33	15,114	R - Residential/Local	O - AC/AC	86	33.61
3RDSE	005	3RD STREET SE	DEAD END SOUTH	PAVEMENT WIDENS	212	18	3,816	R - Residential/Local	A - AC	84	34.71
3RDSE	010	3RD STREET SE	ROAD WIDENS	NYE AVENUE SE	519	31	16,089	R - Residential/Local	A - AC	47	7.71
3RDSSE	005	3RD STREET SE	DEAD END S	ROAD WIDENS LOT #810	292	12	3,504	R - Residential/Local	O - AC/AC	81	36.85

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
3RDSSE	010	3RD STREET SE	ROAD WIDENS LOT #310	ISAAC AVE SE	151	24	3,624	R - Residential/Local	O - AC/AC	81	36.85
3RDSSE	015	3RD STREET SE	ISAAC AVE SE	FRAZER AVE SE	1,305	33	43,065	R - Residential/Local	O - AC/AC	39	5.64
3RDSSE	020	3RD STREET SE	FRAZER AVE SE	EMIGRANT AVE SE	282	33	9,306	R - Residential/Local	O - AC/AC	24	0
3RDSSE	040	3RD STREET SE	BYERS AVE SE	CULDESAC NW	350	40	14,000	R - Residential/Local	O - AC/AC	71	23.89
3RDSSW	001	3RD STREET SW	DEAD END S. OF TAHOE AVE SW	HOUSE #1626	1,370	33	45,210	R - Residential/Local	A - AC	90	37.29
3RDSSW	003	3RD STREET SW	HOUSE #1626	QUINNEY PL SW	370	33	12,210	R - Residential/Local	A - AC	80	26.06
3RDSSW	005	3RD STREET SW	100 FT S OF HAILEY AVE SW	GOODWIN AVE SW	526	29	15,254	R - Residential/Local	O - AC/AC	84	32.25
3RDSSW	010	3RD STREET SW	EMIGRANT AVENUE SW	DORION AVENUE SW	363	29	10,527	R - Residential/Local	A - AC	89	40.57
3RDSSW	015	3RD STREET SW	DORION AVENUE SW	COURT AVENUE SW	384	29	11,136	R - Residential/Local	A - AC	19	0
40THPL	005	40TH PLACE SW	40TH ST SW	CULDESAC NE	178	33	5,874	A - Arterial	O - AC/AC	87	29.45
40THST	005	40TH STREET SW	DEAD END W OF 41ST ST	41ST ST SW	155	33	5,115	R - Residential/Local	O - AC/AC	87	43.53
40THST	010	40TH STREET SW	41ST SW	LOT #1437/INTERSECTION	1,117	33	36,861	R - Residential/Local	O - AC/AC	61	18.35
40THST	015	40TH STREET SW	PERKINS AVE SW	PERKINS AVE SW/41ST ST	1,245	33	41,085	R - Residential/Local	O - AC/AC	64	19.48
41STST	005	41ST STREET SW	QUINNEY AVE SW	PERKINS AVE SW	265	33	8,745	R - Residential/Local	A - AC	85	35.25
41STST	010	41ST STREET SW	PERKINS AVE SW	PENDLETON COMM PARK	2,290	33	75,570	R - Residential/Local	A - AC	57	13.59
42NDST	005	42ND STREET SW	VISTA AVE SWR	SHERIDIAN AVE SW	1,225	33	40,425	R - Residential/Local	A - AC	85	29.22
43RDST	005	43RD STREET SW	VISTA AVE SW	LOT #1826/PAVE CHG	455	33	15,015	R - Residential/Local	A - AC	87	30.42
43RDST	010	43RD STREET SW	LOT #1826/PAVE CHG	SHERIDIAN AVE SW	749	33	24,717	R - Residential/Local	O - AC/AC	85	37.51
44THST	005	44TH STREET SW	KORVOLA RD/SUNSET AVE	SHERIDIAN AVE SW	830	20	16,600	C - Collector	A - AC	92	21.69
44THST	010	44TH STREET SW	SHERIDIAN AVE SW	QUINNEY AVE SW	616	40	24,640	C - Collector	A - AC	75	14.12
44THST	015	44TH STREET SW	QUINNEY AVE SW	100 FT N OF PERKINS AVE SW	933	40	37,320	R - Residential/Local	O - AC/AC	62	19.51
44THST	020	44TH STREET SW	100 FT N OF PERKINS AVE	LOT #1415/PAVE CHG	422	40	16,880	R - Residential/Local	O - AC/AC	88	42.61
44THST	025	44TH STREET SW	LOT #1415/PAVE CHG	COMM PARK ENT N OF PERKINS AVE	949	40	37,960	R - Residential/Local	O - AC/AC	77	31.94
45THDR	005	45TH DRIVE SW	45TH ST SW	CULDESAC SW	218	33	7,194	R - Residential/Local	A - AC	61	15.94
45THST	005	45TH STREET SW	KORVOLA RD SW	CULDESAC N	959	33	31,647	R - Residential/Local	O - AC/AC	81	32.55

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
45THST	010	45TH STREET SW	PERKINS AVE SW	OLSON AVE SW	634	33	20,922	R - Residential/Local	A - AC	39	5.01
46STNW	005	46TH STREET NW	B AVENUE NW	A AVENUE NW	378	20	7,560	R - Residential/Local	S - ST	28	0.46
46THST	005	46TH STREET SW	PERKINS AVE SW	OLSON ST SW	366	33	12,078	R - Residential/Local	A - AC	84	28.6
47STNW	005	47TH STREET NW	200 FT S. OF J AVENUE NW	H PLACE NW	509	20	10,180	R - Residential/Local	S - ST	16	0
47STNW	010	47TH STREET NW	B AVENUE NW	A AVENUE NW	372	20	7,440	R - Residential/Local	S - ST	34	1.68
49DRNW	003	49TH DRIVE NW	H AVENUE	F AVENUE	480	18	8,640	R - Residential/Local	S - ST	16	0
49STNW	010	49TH STREET NW	H AVENUE NW	C AVENUE NW	1,329	20	26,580	R - Residential/Local	A - AC	6	0
49STNW	015	49TH STREET NW	C AVENUE NW	A AVENUE NW	649	20	12,980	R - Residential/Local	A - AC	9	0
4THPSW	005	4TH PLACE SW	NYE AVENUE SW	CUL-DE-SAC	284	32	9,088	R - Residential/Local	A - AC	87	30.42
4THSNW	005	4TH STREET NW	DEAD E S	DESPAIN AVE NW	336	28	9,408	R - Residential/Local	O - AC/AC	73	28.53
4THSNW	010	4TH STREET NW	DESPAIN AVE NW	GILLIAM AVE NW	1,088	33	35,904	R - Residential/Local	O - AC/AC	39	5.83
4THSNW	015	4TH STREET NW	GILLIAM AVE NW	LOT #616/PAVE CHG	220	30	6,600	R - Residential/Local	O - AC/AC	31	2.29
4THSNW	020	4TH STREET NW	LOT #616/PAVE CHG	INGRAM LANE NW	697	32	22,304	R - Residential/Local	O - AC/AC	23	0
4THSNW	025	4TH STREET NW	INGRAM LN NW	JOHNS LN NW	351	33	11,583	R - Residential/Local	O - AC/AC	81	30.14
4THSSE	005	4TH STREET SE	DEAD END S OF HAILEY AVE SE	DEAD END N OF GOODWIN AVE SE	975	25	24,375	R - Residential/Local	O - AC/AC	79	31.71
4THSSE	010	4TH STREET SE	FRAZER AVE SE	EMIGRANT AVE SE	379	37	14,023	R - Residential/Local	O - AC/AC	77	29.63
4THSSE	015	4TH STREET SE	EMIGRANT AVE SE	DORION AVE SE	388	29	11,252	R - Residential/Local	O - AC/AC	44	8.16
4THSSE	020	4TH STREET SE	DORION AVE SE	COURT AVE SE	362	40	14,480	R - Residential/Local	O - AC/AC	57	15.9
4THSSE	025	4TH STREET SE	COURT AVE SE	CULDESAC N	667	29	19,343	R - Residential/Local	O - AC/AC	21	0
4THSSW	010	4TH STREET SW	FRAZER AVE SW	COURT AVE SW	1,119	40	44,760	R - Residential/Local	O - AC/AC	38	4.89
4THSTW	005	4TH STREET SW	HAILEY AVE SW	FRAZER AVE SW	800	42	33,600	R - Residential/Local	O - AC/AC	18	0
50STNW	005	50TH STREET NW	C AVENUE NW	A AVENUE	520	16	8,320	R - Residential/Local	S - ST	83	19.18
51STNW	005	51ST STREET NW	B AVENUE NW	A AVENUE NW	371	24	8,904	R - Residential/Local	S - ST	18	0
52STNW	005	52ND STREET NW	B AVENUE	A AVENUE	390	24	9,360	R - Residential/Local	A - AC	78	24.78
52STNW	010	52ND STREET NW	B AVENUE	C AVENUE	213	22	4,686	R - Residential/Local	S - ST	2	0
56DRNW	005	56TH DRIVE NW	A AVENUE NW	CUL-DE-SAC	1,409	24	33,816	R - Residential/Local	A - AC	75	25.45
57DRNW	005	57TH DRIVE NW	GOLDEN AVE NW	CUL-DE-SAC	494	30	14,820	R - Residential/Local	A - AC	77	27.25
5THPSW	005	5TH PLACE SW	NYE AVENUE SW	CUL-DE-SAC	199	32	6,368	R - Residential/Local	A - AC	32	2.21
5THSNW	005	5TH STREET NW	BAILEY AVE NW	DESPAIN AVE NW	670	28	18,760	R - Residential/Local	O - AC/AC	56	13.41
5THSNW	010	5TH STREET NW	DESPAIN AVE NW	FURNISH AVE NW	720	28	20,160	R - Residential/Local	O - AC/AC	74	25.59
5THSNW	015	5TH STREET NW	FURNISH AVE NW	GILLIAM AVE NW	384	28	10,752	R - Residential/Local	O - AC/AC	61	18.63
5THSNW	020	5TH STREET NW	GILLIAM AVE NW	INGRAM LANE NW	845	33	27,885	R - Residential/Local	O - AC/AC	69	25

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
5THSNW	025	5TH STREET NW	INGRAM LN NW	DEAD END N	722	33	23,826	R - Residential/Local	O - AC/AC	22	0
5THSSE	005	5TH STREET SE	DORION AVE SE	COURT AVE SE	326	44	14,344	R - Residential/Local	O - AC/AC	83	34.88
5THSSE	010	5TH STREET SE	COURT AVE SE	BYERS AVE SE (S INT)	301	29	8,729	R - Residential/Local	O - AC/AC	45	8.76
5THSSE	015	5TH STREET SE	BYERS AVE SE (S INT)	DEAD END N	378	29	10,962	R - Residential/Local	O - AC/AC	76	31.21
5THSSW	003	5TH STREET SW	HAILEY AVE SW	NORTH DEAD END	760	30	22,800	R - Residential/Local	A - AC	21	0
5THSTS	005	5TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	376	29	10,904	R - Residential/Local	O - AC/AC	25	0
5THSTS	010	5TH STREET SW	DORIAN AVE SW	COURT AVE SW	399	29	11,571	R - Residential/Local	O - AC/AC	87	34.27
6THSNW	005	6TH STREET NW	BAILEY AVE NW	CARDEN AVE NW	340	28	9,520	R - Residential/Local	O - AC/AC	51	12.24
6THSNW	010	6TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	341	33	11,253	R - Residential/Local	O - AC/AC	58	15.18
6THSNW	015	6TH STREET NW	DESPAIN AVE NW	ELLIS AVE NW	376	28	10,528	R - Residential/Local	O - AC/AC	48	10.52
6THSNW	020	6TH STREET NW	DEAD END S	FURNISH AVE NW	133	28	3,724	R - Residential/Local	O - AC/AC	46	9.43
6THSNW	025	6TH STREET NW	FURNISH AVE NW	GILLIAM AVE NW	366	28	10,248	R - Residential/Local	O - AC/AC	69	24.2
6THSNW	030	6TH STREET NW	GILLIAM AVE NW	DEAD END N	1,570	33	51,810	R - Residential/Local	O - AC/AC	45	8.14
6THSSE	003	6TH STREET SE	SOUTH DEAD END	NYE AVENUE SE	350	32	11,200	R - Residential/Local	A - AC	75	24.55
6THSSE	010	6TH STREET SE	ISAAC AVE SE	GOODWIN AVE SE	826	29	23,954	R - Residential/Local	O - AC/AC	75	25.92
6THSSE	015	6TH STREET SE	FRAZER AVE SE	COURT AVE SE	973	33	32,109	R - Residential/Local	O - AC/AC	13	0
6THSSE	020	6TH STREET SE	COURT AVE SE	BYERS AVE SE	399	29	11,571	R - Residential/Local	O - AC/AC	84	32.25
6THSSE	025	6TH STREET SE	BYERS AVE SE	CULDESAC N	199	29	5,771	R - Residential/Local	O - AC/AC	4	0
6THSSW	002	6TH STREET SW	DEAD END S	ISAAC AVE SW	494	33	16,302	R - Residential/Local	O - AC/AC	76	28.4
6THSSW	005	6TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	397	35	13,895	R - Residential/Local	O - AC/AC	89	35.51
6THSSW	007	6TH STREET SW	EMIGRANT AVE SW	DORIAN AVE SW	397	35	13,895	R - Residential/Local	O - AC/AC	79	31.1
6THSSW	010	6TH STREET SW	DORIAN AVE SW	COURT AVE SW	388	33	12,804	R - Residential/Local	O - AC/AC	87	44.97
7THSNW	005	7TH STREET NW	DEAD END S OF BAILEY AVE NW	CARDEN AVE NW	532	44	23,408	R - Residential/Local	O - AC/AC	81	31.69
7THSNW	010	7TH STREET NW	CARDEN AVE NW	FURNISH AVE NW	1,049	44	46,156	R - Residential/Local	O - AC/AC	54	13.94
7THSNW	015	7TH STREET NW	FURNISH AVE NW	8TH ST NW	1,275	24	30,600	R - Residential/Local	O - AC/AC	52	12.61
7THSSE	010	7TH STREET SE	HAILEY AVE SE	GOODWIN AVE SE	417	33	13,761	R - Residential/Local	O - AC/AC	39	5.5
7THSSE	015	7TH STREET SE	DEAD END S	HAILEY AVE SE	869	32	27,808	R - Residential/Local	O - AC/AC	86	33.61
7THSSE	020	7TH STREET SE	FRAZER AVE SE	EMIGRANT AVE SE	380	29	11,020	R - Residential/Local	O - AC/AC	25	0
7THSSE	025	7TH STREET SE	EMIGRANT AVE SE	DORION AVE SE	383	29	11,107	R - Residential/Local	O - AC/AC	88	34.9
7THSSE	030	7TH STREET SE	DORION AVE SE	COURT AVE SE	117	33	3,861	R - Residential/Local	O - AC/AC	84	32.25
7THSSE	035	7TH STREET SE	COURT AVE SE	DEAD END N	607	29	17,603	R - Residential/Local	O - AC/AC	75	25.92
7THSSW	002	7TH STREET SW	100 FT S OF ISAAC AVE/BEG PAVE	HAILEY AVE SW	533	33	17,589	R - Residential/Local	O - AC/AC	36	4.45

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
7THSSW	003	7TH STREET SW	HAILEY AVE SW	GOODWIN AVE SW	401	22	8,822	R - Residential/Local	O - AC/AC	73	24.55
7THSSW	005	7TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	375	29	10,875	R - Residential/Local	O - AC/AC	71	26.13
7THSSW	010	7TH STREET SW	DORION AVENUE SW	COURT AVENUE SW	382	29	11,078	R - Residential/Local	O - AC/AC	19	0
8THSNW	005	8TH STREET NW	DEAD END S OF BAILEY AVE	CARDEN AVE NW	632	28	17,696	R - Residential/Local	O - AC/AC	20	0
8THSNW	010	8TH STREET NW	CARDEN AVE NW	FURNISH AVR NW	1,049	28	29,372	R - Residential/Local	O - AC/AC	79	28.73
8THSNW	015	8TH STREET NW	FURNISH AVE NW	GILLIAM AVE NW	366	32	11,712	R - Residential/Local	O - AC/AC	40	6.11
8THSNW	020	8TH STREET NW	GILLIAM AVE NW	9TH ST NW/KING AVE	1,305	25	32,625	R - Residential/Local	O - AC/AC	30	1.81
8THSSE	005	8TH STREET SE	DEAD END S	HAILEY AVE SE	844	32	27,008	R - Residential/Local	O - AC/AC	78	28.02
8THSSE	010	8TH STREET SE	HAILEY AVE SE	GOODWIN AVE SE	390	33	12,870	R - Residential/Local	O - AC/AC	84	32.25
8THSSE	015	8TH STREET SE	EMIGRANT AVENUE SE	DORION AVENUE SE	390	29	11,310	R - Residential/Local	O - AC/AC	31	2.29
8THSSE	020	8TH STREET SE	COURT AVENUE SE	BRIDGE	734	31	22,754	C - Collector	O - AC/AC	32	1.84
8THSSE	025	8TH STREET SE	BRIDGE	END OF PAVEMENT	584	14	8,176	R - Residential/Local	O - AC/AC	4	0
8THSSW	005	8TH STREET SW	DEAD END S	HAILEY AVE SW	895	33	29,535	R - Residential/Local	O - AC/AC	75	26.71
8THSSW	010	8TH STREET SW	HAILEY AVE SW	GOODWIN AVE SW	399	25	9,975	R - Residential/Local	O - AC/AC	82	34.87
8THSSW	015	8TH STREET SW	FRAZER AVE SW	EMIGRANT AVE SW	381	29	11,049	R - Residential/Local	O - AC/AC	28	1.04
8THSSW	020	8TH STREET SW	DORION AVENUE SW	COURT AVENUE SW	384	29	11,136	R - Residential/Local	O - AC/AC	81	30.14
9THDRE	005	9TH DRIVE SE	COURT AVE SE	DEAD END N	817	29	23,693	R - Residential/Local	O - AC/AC	17	0
9THSNW	003	9TH STREET NW	DEAD END S	BAILEY AVE NW	409	28	11,452	R - Residential/Local	O - AC/AC	38	5.4
9THSNW	005	9TH STREET NW	BAILEY AVE NW	CARDEN AVE NW	337	28	9,436	R - Residential/Local	O - AC/AC	50	11.17
9THSNW	010	9TH STREET NW	CARDEN AVE NW	DESPAIN AVE NW	350	33	11,550	R - Residential/Local	O - AC/AC	50	11.64
9THSNW	015	9TH STREET NW	DESPAIN AVE NW	ELLIS AVE NW	347	28	9,716	R - Residential/Local	O - AC/AC	75	28.15
9THSNW	020	9TH STREET NW	ELLIS AVE NW	GILLIAM AVE NW	691	28	19,348	R - Residential/Local	O - AC/AC	85	32.94
9THSNW	025	9TH STREET NW	GILLIAM AVE NW	10TH ST/KING AVE	909	24	21,816	R - Residential/Local	O - AC/AC	18	0
9THSSE	005	9TH STREET SE	DEAD END S	PAVE WIDENS/LOT #89	225	16	3,600	R - Residential/Local	O - AC/AC	77	30.56
9THSSE	010	9TH STREET SE	PAVE WIDENS/LOT #89	HAILEY AVE SE	901	32	28,832	R - Residential/Local	O - AC/AC	58	14.21
9THSSE	015	9TH STREET SE	FRAZER AVE SE	CULDESAC N	153	33	5,049	R - Residential/Local	A - AC	85	36.28
9THSSE	020	9TH STREET SE	ST HWY 11	COURT AVE SE	436	40	17,440	R - Residential/Local	A - AC	85	35.25
9THSSE	025	9TH STREET SE	COURT AVE SE	BYERS AVE SE	390	29	11,310	R - Residential/Local	O - AC/AC	41	6.67
9THSSE	030	9TH STREET SE	BYERS AVE SE	DEAD END N	304	33	10,032	R - Residential/Local	O - AC/AC	83	31.55
9THSSW	003	9TH STREET SW	HAILEY AVE SW	GOODWIN AVE SW	395	27	10,665	R - Residential/Local	O - AC/AC	79	31.71
9THSSW	015	9TH STREET SW	DORION AVENUE SW	COURT AVENUE SW	387	29	11,223	R - Residential/Local	O - AC/AC	82	30.85
AAVNW	005	A AVENUE NW	AIRPORT ROAD NW	56TH DRIVE NW	3,493	24	83,832	C - Collector	O - AC/AC	63	13.41

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
AAVNW	006	AIRPORT ROAD NW	56TH DR NW	STAGE GULCH RD NW	6,880	36	247,680	C - Collector	A - AC	95	23.14
AAVNW	007	AIRPORT ROAD NW	STAGE GULCH RD NW	PENNY LN NW	11,250	36	405,000	C - Collector	A - AC	94	22.69
AAVNW	008	AIRPORT ROAD NW	PENNY LN NW	I-84 ON RAMP	12,360	36	444,960	C - Collector	A - AC	95	23.15
AIRPOR	005	AIRPORT ROAD NW	STATE HWY 30	H AVENUE NW	3,251	30	97,530	A - Arterial	O - AC/AC	92	28.68
AIRPOR	010	AIRPORT ROAD NW	H AVENUE NW	A AVENUE NW	2,519	28	70,532	A - Arterial	O - AC/AC	92	28.68
ALEXPL	005	ALEXANDER PLACE SE	11TH ST SE	12TH ST SE	237	33	7,821	R - Residential/Local	O - AC/AC	87	34.27
ALEXPL	010	ALEXANDER PLACE SE	15TH ST SE	15TH DR SE	243	18	4,374	R - Residential/Local	O - AC/AC	75	26.13
ALEXPL	015	ALEXANDER PLACE SE	15TH DR SE	18TH ST SE	730	33	24,090	R - Residential/Local	O - AC/AC	34	3.49
ALPHCT	005	ALPHA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	332	29	9,628	R - Residential/Local	O - AC/AC	77	27.83
ATHEAV	005	ATHENS AVENUE SW	NYE AVENUE SW	THETA COURT SW	2,369	32	75,808	R - Residential/Local	A - AC	76	24.74
ATHEAV	010	ATHENS AVENUE SW	THETA COURT SW	TUTUILLA ROAD SW	2,032	32	65,024	R - Residential/Local	O - AC/AC	88	43.98
AURANW	005	AURA AVENUE NW	11TH ST NW	10TH ST NW	290	33	9,570	R - Residential/Local	A - AC	81	30.94
BAVNW	005	B AVENUE NW	A AVENUE NW	49TH STREET NW	1,479	24	35,496	R - Residential/Local	A - AC	80	27.51
BAVNW	010	B AVENUE NW	49TH STREET NW	52ND STREET NW	703	24	16,872	R - Residential/Local	S - ST	52	7.13
BPLNW	005	B PLAC E NW	C AVENUE NW	B AVENUE	372	22	8,184	R - Residential/Local	S - ST	24	0
BAIANW	005	BAILEY AVENUE NW	10TH ST NW	8TH ST NW	519	28	14,532	R - Residential/Local	O - AC/AC	42	7.16
BAIANW	010	BAILEY AVENUE NW	8TH ST NW	6TH ST NW	538	28	15,064	R - Residential/Local	O - AC/AC	74	28.39
BAIANW	015	BAILEY AVENUE NW	6TH ST NW	175 FT W OF MAIN ST N	1,182	17	20,094	R - Residential/Local	O - AC/AC	65	20.29
BAIANW	020	BAILEY AVENUE NW	175 FT W OF MAIN ST N	MAIN ST N	33	175	5,775	R - Residential/Local	O - AC/AC	86	33.61
BROADL	005	BROADLANE AVENUE SW	SUNSET DRIVE SW	DEAD END E CULDESAC	1,249	20	24,980	R - Residential/Local	O - AC/AC	84	37.51
BYERSE	005	BYERS AVENUE SE	MAIN ST S	1ST AVE SE	249	37	9,213	C - Collector	O - AC/AC	87	27.17
BYERSE	010	BYERS AVENUE SE	1ST AVE SE	3RD ST SE	555	33	18,315	C - Collector	O - AC/AC	79	22.44
BYERSE	015	BYERS AVENUE SE	3RD ST SE	5TH ST SE	483	37	17,871	C - Collector	O - AC/AC	30	1.26
BYERSE	020	BYERS AVENUE SE	5TH ST SE	6TH ST SE	534	33	17,622	C - Collector	O - AC/AC	73	18.85
BYERSE	025	BYERS AVENUE SE	6TH ST SE	9TH ST SE	771	29	22,359	C - Collector	O - AC/AC	85	26.06
BYERSE	030	BYERS AVENUE SE	9TH ST SE	11TH ST SE	765	29	22,185	C - Collector	O - AC/AC	18	0
BYERSE	035	BYERS AVENUE SE	11TH ST SE	12TH ST SE	263	32	8,416	C - Collector	O - AC/AC	41	4.59
BYERSE	040	BYERS AVENUE SE	12TH AVE SE	13TH ST SE	544	50	27,200	C - Collector	O - AC/AC	83	27.41
BYERSE	045	BYERS AVENUE SE	13TH ST SE	15TH DR SE	762	30	22,860	C - Collector	O - AC/AC	53	8.97
BYERSE	050	BYERS AVENUE SE	15TH DR SE	17TH ST SE	451	32	14,432	C - Collector	O - AC/AC	51	7.71

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
BYERSE	055	BYERS AVENUE SE	17TH ST SE	END OF PAVE	953	33	31,449	C - Collector	O - AC/AC	71	18.09
BYERSW	003	BYERS AVENUE SW	BEG. OF PAV. #1826	18TH STREET SW	328	22	7,216	R - Residential/Local	A - AC	82	31.83
BYERSW	005	BYERS AVENUE SW	1ST ST SW	MAIN ST S	243	35	8,505	C - Collector	O - AC/AC	39	3.8
BYERSP	005	BYERS PLACE SE	17TH ST SE	CULDESAC E OF 19TH DR	982	33	32,406	R - Residential/Local	O - AC/AC	40	6.35
CAVNW	010	C AVENUE NW	AIRPORT ROAD NW	49TH STREET NW	1,729	26	44,954	R - Residential/Local	A - AC	95	33.97
CAVNW	015	C AVENUE NW	49TH STREET NW	52ND STREET NW	763	20	15,260	R - Residential/Local	A - AC	95	33.97
CARANW	035	CARDEN AVENUE NW	WESTGATE/HWY 30	NORTHGATE/ST HWY 37	732	26	19,032	C - Collector	O - AC/AC	63	13.36
CARANW	040	CARDEN AVENUE NW	NORTHGATE/HWY 37	HIGH SCHOOL ENT ROAD	1,621	38	61,598	C - Collector	O - AC/AC	95	29.97
CARANW	045	CARDEN AVENUE NW	HIGH SCHOOL ENT ROAD	10TH ST NW	1,992	40	79,680	C - Collector	O - AC/AC	49	7.01
CARANW	050	CARDEN AVENUE NW	10TH ST NW	5TH ST NW	1,290	28	36,120	R - Residential/Local	O - AC/AC	59	14.3
COMMUE	005	COMMUNITY PARK PARKING LOT	WEST END OF PKNG LOT-W 41ST AV	EAST END OF PKNG LOT-E 41ST AV	287	83	23,821	R - Residential/Local	O - AC/AC	80	30.23
COMMUW	010	COMMUNITY PARK PARKING LOT	44TH AVE SW	400 FT W OF 44TH AVE SW	400	68	27,200	R - Residential/Local	A - AC	95	33.97
COMMUW	015	COMMUNITY PARK PARKING LOT	400 FT W OF 44TH AVE SW	GATE W	280	68	19,040	R - Residential/Local	O - AC/AC	95	38.11
COURAW	005	COURT AVENUE SW	300 FT W OF 23RD AVE	100 FT W OF RR TRACKS	1,915	40	76,600	A - Arterial	A - AC	92	24.4
COURAW	010	COURT AVENUE SW	100 FT W OF RR TRACKS	DORION AVE SW	343	42	14,406	A - Arterial	A - AC	91	24.08
COURPE	005	COURT PLACE SE	COURT AVE SE	11TH ST SE	315	32	10,080	C - Collector	A - AC	78	15.63
COURPE	010	COURT PLACE SE	11TH ST SE	FRAZER AVE SE	584	40	23,360	C - Collector	A - AC	73	12.79
COURPE	015	COURT PLACE SE	FRAZER AVE SE	14TH ST SE	471	33	15,543	C - Collector	O - AC/AC	60	11.85
COURPE	020	COURT PLACE SE	14TH ST SE	17TH ST SE	767	37	28,379	C - Collector	O - AC/AC	87	27.17
COURPE	022	COURT PLACE SE	1TH ST SE	16TH ST SE	360	20	7,200	R - Residential/Local	A - AC	88	38.46
COURPE	025	COURT PLACE SE	17TH ST SE	20TH ST SE	1,067	32	34,144	C - Collector	O - AC/AC	85	29.34
COURPE	030	COURT PLACE SE	20TH ST SE	PARKING LOT	763	24	18,312	C - Collector	A - AC	0	0
COURPW	005	COURT PLACE SW	ST HWY 37	300 FT W OF 23RD AVE/OXFRD STE	2,357	42	98,994	C - Collector	A - AC	77	13.4
DELTCT	005	DELTA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	336	32	10,752	R - Residential/Local	A - AC	75	23.24
DESPNE	005	DESPAIN AVENUE NE	MAIN ST N	1ST ST NE	221	30	6,630	R - Residential/Local	O - AC/AC	61	18.63

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
DESPNW	003	DESPAIN AVENUE NW	21ST DRIVE NW	21ST STREET NW	387	33	12,771	R - Residential/Local	O - AC/AC	84	32.25
DESPNW	005	DESPAIN AVENUE NW	HIGH SCHOOL PARKING LOT	14TH ST NW	404	24	9,696	R - Residential/Local	O - AC/AC	37	4.9
DESPNW	010	DESPAIN AVENUE NW	14TH ST NW	12TH ST NW	491	30	14,730	R - Residential/Local	O - AC/AC	44	8.16
DESPNW	015	DESPAIN AVENUE NW	12TH ST NW	9TH ST NW	790	30	23,700	R - Residential/Local	O - AC/AC	58	16
DESPNW	020	DESPAIN AVENUE NW	9TH ST NW	4TH ST NW	1,303	32	41,696	R - Residential/Local	O - AC/AC	76	26.62
DESPNW	025	DESPAIN AVENUE NW	4TH ST NW	MAIN ST N	530	32	16,960	R - Residential/Local	O - AC/AC	76	26.62
DEPLNW	010	DESPIAN PLACE NW	12TH ST NW	CUL DE SAC	355	29	10,295	R - Residential/Local	A - AC	51	9.93
DORISW	003	DORIAN AVENUE SW	23RD ST SW	20TH ST SW	771	32	24,672	R - Residential/Local	O - AC/AC	11	0
EAVNW	015	E AVENUE NW	49TH DRIVE NW	50TH STREET NW	329	18	5,922	R - Residential/Local	A - AC	58	13.29
ELLANE	005	ELLIS AVENUE NE	MAIN ST N	1ST ST NE	241	28	6,748	R - Residential/Local	O - AC/AC	33	3.06
ELLANE	010	ELLIS AVENUE NE	1ST ST NE	DEAD END E GUARDRAIL	333	18	5,994	R - Residential/Local	O - AC/AC	12	0
ELLANW	005	ELLIS AVENUE NW	14TH ST NW	12TH ST NW	465	28	13,020	R - Residential/Local	O - AC/AC	62	19.39
ELLANW	010	ELLIS AVENUE NW	12TH ST NW	11TH ST NW	249	33	8,217	R - Residential/Local	O - AC/AC	85	32.94
ELLANW	015	ELLIS AVENUE NW	11TH ST NW	10TH ST NW	259	28	7,252	R - Residential/Local	O - AC/AC	80	33.67
ELLANW	020	ELLIS AVENUE NW	10TH AVE NW	6TH ST NW	926	28	25,928	R - Residential/Local	O - AC/AC	32	2.73
ELLANW	025	ELLIS AVENUE NW	5TH ST NW	MAIN ST N	720	28	20,160	R - Residential/Local	O - AC/AC	53	12.95
EMIGSE	025	EMIGRANT AVENUE SE	MAIN ST	9TH ST SE	2,339	40	93,560	C - Collector	O - AC/AC	79	23.69
EMIGSE	030	EMIGRANT AVENUE SE	9TH ST SE	ST HWY 11	179	24	4,296	R - Residential/Local	A - AC	84	32.26
EMIGSW	015	EMIGRANT AVENUE SW	21ST ST SW	DEAD END E	242	29	7,018	R - Residential/Local	A - AC	30	1.61
FAVNW	005	F AVENUE NW	49TH DRIVE NW	50TH STREET NW	470	22	10,340	R - Residential/Local	S - ST	16	0
FRANKL	005	FRANKLIN GRADE SE	200 FT S OF JUVENILE ENTRANCE	GOODWIN AVE SE/10TH ST SE	1,703	22	37,466	R - Residential/Local	A - AC	83	32.18
FRAZPE	005	FRAZER PLACE SE	COURT AVE SE	DEAD END W	305	31	9,455	R - Residential/Local	A - AC	77	24.73
FRAZPL	005	FRAZER PLACE SW	21ST AVE SW	20TH AVE SW	315	33	10,395	R - Residential/Local	O - AC/AC	87	34.27
FRAZPL	010	FRAZER PLACE SW	20TH ST SW	FRAZER AVE SW	816	33	26,928	R - Residential/Local	O - AC/AC	25	0
FURNIS	005	FURNISH AVENUE NE	MAIN ST N	END OF PAVE/PVT DR	650	20	13,000	R - Residential/Local	O - AC/AC	17	0

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
FURNNW	003	FURNISH AVENUE NW	23RD STREET NW	NORTHGATE (STATE HWY 37)	1,069	33	35,277	R - Residential/Local	O - AC/AC	81	32.55
FURNNW	005	FURNISH AVENUE NW	DEAD END W	12TH ST NW	221	28	6,188	R - Residential/Local	O - AC/AC	51	12.24
FURNNW	010	FURNISH AVENUE NW	12TH ST NW	10TH ST NW	551	28	15,428	R - Residential/Local	O - AC/AC	66	20.08
FURNNW	015	FURNISH AVENUE NW	10TH ST NW	7TH ST NW	738	28	20,664	R - Residential/Local	O - AC/AC	78	28.02
FURNNW	020	FURNISH AVENUE NW	7TH ST NW	4TH ST NW	790	28	22,120	R - Residential/Local	O - AC/AC	42	6.84
FURNNW	025	FURNISH AVENUE NW	4TH ST NW	MAIN ST N	503	28	14,084	R - Residential/Local	O - AC/AC	82	35.56
FURPNW	005	FURNISH PLACE NW	HORN AVE NW	GILLIAM AVE NW	372	28	10,416	R - Residential/Local	O - AC/AC	68	23.28
GAMMCT	005	GAMMA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	328	29	9,512	R - Residential/Local	O - AC/AC	78	29.1
GILLNW	000	GILLIAM AVENUE NW	NORTHGATE (STATE HWY 37)	21ST STREET NW	354	32	11,328	R - Residential/Local	A - AC	40	5.41
GILLNW	001	GILLIAM AVENUE NW	FURNISH PL NW	12TH ST NW	258	28	7,224	R - Residential/Local	O - AC/AC	44	7.81
GILLNW	002	GILLIAM AVENUE NW	12TH ST NW	10TH ST NW	559	28	15,652	R - Residential/Local	O - AC/AC	77	27.32
GILLNW	003	GILLIAM AVENUE NW	10TH ST NW	8TH ST NW	438	28	12,264	R - Residential/Local	O - AC/AC	77	32.44
GILLNW	005	GILLIAM AVENUE NW	6TH ST NW	4TH ST NW	483	33	15,939	R - Residential/Local	O - AC/AC	87	34.27
GILLNW	010	GILLIAM AVENUE NW	4TH ST NW	3RD ST NW	242	33	7,986	R - Residential/Local	O - AC/AC	21	0
GILLNW	015	GILLIAM AVENUE NW	3RD ST NW	DEAD END N	211	29	6,119	R - Residential/Local	O - AC/AC	28	1.1
GOLDEN	005	GOLDEN AVENUE SW	RIETH RD	WEST DEAD END	782	30	23,460	R - Residential/Local	A - AC	80	30.67
GOAVSE	005	GOODWIN AVENUE SE	MAIN ST S	BEG OF PCC	654	29	18,966	R - Residential/Local	O - AC/AC	56	15.01
GOAVSE	007	GOODWIN AVENUE SE	BEG OF PCC	3RD ST SE	250	28	7,000	R - Residential/Local	P - PCC	66	32.2
GOAVSE	009	GOODWIN AVENUE SE	3RD ST SE	4TH ST SE	224	29	6,496	R - Residential/Local	O - AC/AC	82	38.41
GOODSE	010	GOODWIN AVENUE SE	ST HWY 11	6TH ST SE	1,019	32	32,608	C - Collector	C - AC/PCC	55	9.84
GOODSE	015	GOODWIN AVENUE SE	6TH S SE	8TH ST SE	542	26	14,092	R - Residential/Local	O - AC/AC	86	33.61
GOODSE	020	GOODWIN AVENUE SE	8TH ST SE	10TH ST SE	513	23	11,799	R - Residential/Local	O - AC/AC	45	8.87
GOAVSW	023	GOODWIN AVENUE SW	15TH ST SW	13TH ST SW	540	24	12,960	R - Residential/Local	O - AC/AC	9	0

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
GOAVSW	025	GOODWIN AVENUE SW	DEAD END SW	11TH ST SW	282	24	6,768	R - Residential/Local	O - AC/AC	27	0.7
GOAVSW	030	GOODWIN AVENUE SW	11TH ST SW	7TH ST SW	1,017	24	24,408	R - Residential/Local	O - AC/AC	59	17.06
GOAVSW	035	GOODWIN AVENUE SW	END OF PAVE/7TH ST	6TH ST SW	312	29	9,048	R - Residential/Local	O - AC/AC	63	18.11
GOAVSW	040	GOODWIN AVENUE SW	6TH ST SW	4TH ST SW	507	29	14,703	R - Residential/Local	O - AC/AC	85	32.94
GOAVSW	045	GOODWIN AVENUE SW	4TH ST SW	2ND ST SW	500	29	14,500	R - Residential/Local	O - AC/AC	35	3.86
GOAVSW	050	GOODWIN AVENUE SW	2ND ST SW	MAIN ST S	521	29	15,109	R - Residential/Local	O - AC/AC	21	0
GOODWI	015	GOODWIN AVENUE SW	100 FT W OF 20TH ST SW	GOODWIN PLACE SW	746	33	24,618	R - Residential/Local	O - AC/AC	87	43.53
GOODWL	005	GOODWIN LANE SW	GOODWIN PLACE (W INT)	13TH ST SW	453	29	13,137	R - Residential/Local	O - AC/AC	87	34.27
GOODWL	010	GOODWIN LANE SW	13TH ST SW	GOODWIN PLACE SW	312	22	6,864	R - Residential/Local	O - AC/AC	62	19.39
GOODWI	005	GOODWIN PLACE SW	HAILEY AVE SW	11TH AVE	657	32	21,024	R - Residential/Local	A - AC	83	27.98
GOODWI	016	GOODWIN PLACE SW	HAILEY AVE SW	GOODWIN AVE SW	445	33	14,685	R - Residential/Local	O - AC/AC	61	18.51
GOODWI	017	GOODWIN PLACE SW	GOODWIN AVE/GOODWIN PL	13TH STREET SW	1,297	33	42,801	R - Residential/Local	A - AC	85	35.8
GOODWI	020	GOODWIN PLACE SW	13TH ST SW	11TH ST SW	545	25	13,625	R - Residential/Local	O - AC/AC	85	38.51
GOODWI	025	GOODWIN PLACE SW	11TH ST SW	9TH ST SW	601	25	15,025	R - Residential/Local	O - AC/AC	31	2.24
HAVNW	005	H AVENUE NW	AIRPORT ROAD NW	49TH DRIVE NW	1,249	26	32,474	R - Residential/Local	A - AC	10	0
HPLNW	005	H PLACE NW	H AVENUE NW	47TH STREET NW	290	18	5,220	R - Residential/Local	S - ST	14	0
HAILSE	005	HAILEY AVENUE SE	1ST ST SE	3RD ST SE	492	29	14,268	R - Residential/Local	O - AC/AC	67	21.98
HAILSE	010	HAILEY AVENUE SE	3RD ST SE	4TH ST SE	232	33	7,656	R - Residential/Local	O - AC/AC	80	29.44
HAILSE	015	HAILEY AVENUE SE	6TH ST SE	7TH ST SE	284	33	9,372	R - Residential/Local	O - AC/AC	35	3.92
HAILSE	020	HAILEY AVENUE SE	7TH ST SE	9TH ST SE	533	32	17,056	R - Residential/Local	O - AC/AC	77	27.32
HAILEY	005	HAILEY AVENUE SW	37TH ST SW	30TH ST SW	2,349	26	61,074	C - Collector	O - AC/AC	71	17.81
HAILEY	010	HAILEY AVENUE SW	30TH ST SW	29TH ST SW	438	38	16,644	C - Collector	O - AC/AC	79	23.69
HAILEY	015	HAILEY AVENUE SW	29TH ST SW	ST HWY 395	1,912	38	72,656	C - Collector	O - AC/AC	46	6.13
HAILEY	020	HAILEY AVENUE SW	TUTUILLA RD SW	21ST ST SW	492	24	11,808	R - Residential/Local	O - AC/AC	75	26.13
HAILEY	025	HAILEY AVENUE SW	19TH ST SW	15TH ST SW	932	33	30,756	R - Residential/Local	O - AC/AC	58	15.18
HAILEY	030	HAILEY AVENUE SW	15TH ST SW	13TH ST SW	499	35	17,465	R - Residential/Local	O - AC/AC	70	25.15
HAILEY	035	HAILEY AVENUE SW	13TH ST SW	11TH ST SW	520	24	12,480	R - Residential/Local	O - AC/AC	42	6.69

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
HAILEY	040	HAILEY AVENUE SW	11TH ST SW	7TH ST SW	1,025	24	24,600	R - Residential/Local	O - AC/AC	76	27.28
HAILEY	045	HAILEY AVENUE SW	7TH ST SW	5TH ST SW	519	36	18,684	R - Residential/Local	O - AC/AC	58	15.18
HAILEY	050	HAILEY AVENUE SW	5TH ST SW	2ND ST SW	797	32	25,504	R - Residential/Local	O - AC/AC	85	32.94
HAILEY	055	HAILEY AVENUE SW	2ND ST SW	1ST ST SW	257	33	8,481	R - Residential/Local	O - AC/AC	65	20.68
HAILEL	005	HAILEY LANE SW	HAILEY AVE (E INT)	HAILEY AVE (W INT)	675	26	17,550	R - Residential/Local	O - AC/AC	85	40.16
HAILEP	005	HAILEY PLACE SW	32ND ST SW	CULDESAC	453	33	14,949	R - Residential/Local	A - AC	56	13.03
HORNW	001	HORN AVE NW	DEAD END N LOT #1406	KING AVE NW	259	33	8,547	R - Residential/Local	A - AC	18	0
HORNW	002	HORN AVE NW	KING AVE NW	12TH ST NW	1,879	33	62,007	R - Residential/Local	A - AC	69	18.91
HORNW	003	HORN AVE NW	12TH ST NW	10TH ST NW	571	25	14,275	R - Residential/Local	O - AC/AC	32	2.65
HORNW	005	HORN AVE NW	5TH ST NW	4TH ST NW	240	33	7,920	R - Residential/Local	A - AC	84	28.6
HORPNW	010	HORN PLACE NW	23RD ST NW	HAMMERHEAD	267	21	5,607	R - Residential/Local	A - AC	95	33.82
INGANW	003	INGRAM AVENUE NW	23RD STREET NW	CUL-DE-SAC	453	18	8,154	R - Residential/Local	A - AC	86	35.55
INGANW	005	INGRAM AVENUE NW	HORN AVE NW	12TH ST NW	842	33	27,786	R - Residential/Local	O - AC/AC	75	26.71
INGLNW	006	INGRAM LANE NW	5TH ST NW	4TH ST NW	300	33	9,900	R - Residential/Local	A - AC	57	12.79
INGLNW	007	INGRAM LANE NW	4TH ST NW	MAIN ST N	632	33	20,856	R - Residential/Local	O - AC/AC	79	26.41
ISAASE	005	ISAAC AVENUE SE	MAIN ST S	3RD ST SE	803	35	28,105	R - Residential/Local	O - AC/AC	80	31.83
ISAASE	010	ISAAC AVENUE SE	3RD ST SE	3RD DR SE	283	33	9,339	R - Residential/Local	O - AC/AC	25	0
ISAASE	015	ISAAC AVENUE SE	6TH ST SE	8TH ST SE	495	32	15,840	R - Residential/Local	O - AC/AC	81	30.15
ISAASE	020	ISAAC AVENUE SE	9TH ST SE	10TH ST SE	242	32	7,744	R - Residential/Local	O - AC/AC	78	32.61
ISAASE	025	ISAAC AVENUE SE	10TH ST SE	FRANKLIN GRADE/10TH ST	483	18	8,694	R - Residential/Local	O - AC/AC	59	15.75
ISAACA	005	ISAAC AVENUE SW	JAY AVE SW	32ND ST SW	700	33	23,100	R - Residential/Local	A - AC	79	26.96
ISAACA	010	ISAAC AVENUE SW	32ND ST SW	31ST ST SW	663	33	21,879	R - Residential/Local	A - AC	41	5.83
ISAACA	015	ISAAC AVENUE SW	31ST ST SW	30TH ST SW	870	33	28,710	R - Residential/Local	A - AC	85	35.25
ISAASW	033	ISAAC AVENUE SW	14TH ST SW	13TH ST SW	320	28	8,960	R - Residential/Local	O - AC/AC	92	51.65
ISAASW	035	ISAAC AVENUE SW	13TH ST SW	12TH ST SW	234	33	7,722	R - Residential/Local	O - AC/AC	80	29.44
ISAASW	041	ISAAC AVENUE SW	12TH ST SW	10TH ST SW	580	22	12,760	R - Residential/Local	O - AC/AC	51	10.83
ISAASW	042	ISAAC AVENUE SW	10TH ST SW	8TH ST SW	520	29	15,080	R - Residential/Local	O - AC/AC	95	38.11
ISAASW	043	ISAAC AVENUE SW	8TH ST SW	7TH ST SW	290	22	6,380	R - Residential/Local	O - AC/AC	76	31.21
ISAASW	045	ISAAC AVENUE SW	7TH ST SW	3RD ST SW	1,046	35	36,610	R - Residential/Local	O - AC/AC	86	33.61
ISAASW	050	ISAAC AVENUE SW	3RD ST SW	MAIN ST S	771	35	26,985	R - Residential/Local	O - AC/AC	74	29.3
JAVNW	005	J AVENUE NW	AIRPORT ROAD NW	47TH STREET NW	845	18	15,210	R - Residential/Local	S - ST	14	0
JAYAV	005	JAY AVENUE SW	37TH ST SW	32ND ST SW	1,134	31	35,154	R - Residential/Local	A - AC	80	26.06

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
JAYAV	010	JAY AVENUE SW	32ND ST SW	31ST ST SW	549	33	18,117	R - Residential/Local	O - AC/AC	56	14.85
JAYAV	015	JAY AVENUE SW	31ST ST SW	30ST ST SW	863	33	28,479	R - Residential/Local	O - AC/AC	78	28.36
JAYSTE	005	JAY STREET SE	1ST ST SE	2ND ST SE	255	33	8,415	R - Residential/Local	O - AC/AC	88	34.9
JOHANW	005	JOHNS AVENUE NW	KING AVE NW	12TH ST NW	791	28	22,148	R - Residential/Local	O - AC/AC	13	0
JOHLNE	005	JOHNS LANE NE	MAIN ST N	2ND ST NE	184	33	6,072	R - Residential/Local	A - AC	80	26.76
JOHLNW	005	JOHNS LANE NW	4TH ST NW	LOT #314/PAVE CHG	208	33	6,864	R - Residential/Local	O - AC/AC	62	19.39
JOHLNW	010	JOHNS LANE NW	LOT #314/PAVE CHG	MAIN ST N	905	33	29,865	R - Residential/Local	A - AC	86	35.55
JOHPNW	005	JOHNS PLACE NW	8TH ST NW	CULDESAC E	528	4	2,112	R - Residential/Local	O - AC/AC	47	9.97
KINANW	005	KING AVENUE NW	HORN AVE NW	JOHNS AVE/PAVE CHG	508	37	18,796	R - Residential/Local	O - AC/AC	78	31.4
KINANW	010	KING AVENUE NW	JOHNS AVE NW/PAVE CHG	10TH ST NW	1,230	37	45,510	R - Residential/Local	O - AC/AC	48	10.45
KIRKAE	005	KIRK AVENUE SE	MAIN ST S	KIRK PL SE	332	33	10,956	R - Residential/Local	A - AC	77	26.23
KIRKAE	010	KIRK AVENUE SE	KIRK PL SE	DEAD END BARRICADE NE	672	33	22,176	R - Residential/Local	O - AC/AC	31	2.24
KIRKAV	005	KIRK AVENUE SW	37TH ST SW	33RD ST SW	874	33	28,842	R - Residential/Local	A - AC	47	8.46
KIRKAV	010	KIRK AVENUE SW	DEAD END W OF 31ST ST SW	31ST ST SW	549	33	18,117	R - Residential/Local	A - AC	46	7.73
KIRKAV	015	KIRK AVENUE SW	31ST ST SW	30TH ST SW	863	33	28,479	R - Residential/Local	A - AC	60	15.33
KIRKAV	020	KIRK AVENUE SW	W DEAD END	MAIN ST S	129	33	4,257	R - Residential/Local	A - AC	78	27.33
KIRKPL	005	KIRK PLACE SE	KIRK AVE SE	CULDESAC NW	180	33	5,940	R - Residential/Local	O - AC/AC	85	38.51
KORVOL	005	KORVOLA ROAD SW	CITY LIMITS	44TH ST SW	324	24	7,776	R - Residential/Local	O - AC/AC	92	37.09
LADOW	005	LADOW AVENUE SW	37TH ST SW	33RD ST SW	804	33	26,532	R - Residential/Local	A - AC	83	27.97
LADOW	010	LADOW AVENUE SW	DEAD END SW OF 31ST ST	28TH ST SW	1,136	33	37,488	R - Residential/Local	O - AC/AC	82	35.56
LADOW	015	LADOW AVENUE SW	28TH ST SW	ST HWY 395	176	33	5,808	R - Residential/Local	A - AC	65	16.98
LADOW	020	LADOW AVENUE SW	25TH ST SW	23RD ST SW	349	37	12,913	C - Collector	O - AC/AC	88	27.69
LADOW	025	LADOW AVENUE SW	23RD ST SW	DEAD END E BARRICADE	622	32	19,904	R - Residential/Local	A - AC	44	7.09
MAINPL	005	MAIN PLACE SW	MAIN ST S	CULDESAC W	261	32	8,352	R - Residential/Local	A - AC	82	30.77
MAINSN	010	MAIN STREET N	DESPAIN AVE NW	100 FT S OF FURNISH AVE NW	600	64	38,400	R - Residential/Local	O - AC/AC	21	0
MAINSN	015	MAIN STREET N	100 FT S OF FURNISH AVE NW	100 FT S OF GILLAM NW	382	64	24,448	R - Residential/Local	O - AC/AC	36	4.35
MAINSN	020	MAIN STREET N	100 FT S GILLAM NW	JOHNS LANE	1,778	38	67,564	R - Residential/Local	A - AC	72	23.27
MAINSN	05	MAIN STREET N	BYERS AVE	DESPAIN AVE NE	480	44	21,120	R - Residential/Local	O - AC/AC	56	14.85

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
MAINST	005	MAIN STREET S	KIRK AVE SW	ISAAC AVE SW	1,250	33	41,250	R - Residential/Local	O - AC/AC	74	24.39
MAINST	010	MAIN STREET S	ISAAC AVE SW	GOODWIN AVE SW	838	35	29,330	C - Collector	O - AC/AC	73	19.28
MAINST	015	MAIN STREET S	GOODWIN AVE SW	EMIGRANT AVE SW	824	56	46,144	C - Collector	O - AC/AC	71	17.94
MAINST	020	MAIN STREET S	EMIGRANT AVE SW	BYERS AVE	1,155	60	69,300	C - Collector	O - AC/AC	80	24.69
MARSHA	003	MARSHALL AVENUE SW	33RD ST SW	CUL DE SAC	430	33	14,190	R - Residential/Local	A - AC	72	21.05
MARSHA	005	MARSHALL AVENUE SW	31TH ST SW	28TH ST SW	770	33	25,410	R - Residential/Local	A - AC	37	4.21
MARSHA	010	MARSHALL AVENUE SW	NYE AVE SW	31ST ST SW	449	33	14,817	R - Residential/Local	A - AC	80	26.06
MARSHA	015	MARSHALL AVENUE SW	ST HWY 395	24TH ST SW	758	37	28,046	R - Residential/Local	O - AC/AC	63	19.08
MARSHA	020	MARSHALL AVENUE SW	TUTILLIA RD	300 FT EAST OF 14TH STREET	1,254	32	40,128	R - Residential/Local	O - AC/AC	62	16.96
MARSHA	025	MARSHALL AVENUE SW	300 FT EAST OF 14TH STREET	NYE AVENUE SW	955	32	30,560	R - Residential/Local	O - AC/AC	33	2.83
MARSHC	005	MARSHALL COURT SW	37TH ST SW	CULDESAC E	216	33	7,128	R - Residential/Local	O - AC/AC	87	41.66
MARSHP	005	MARSHALL PLACE SW	37TH ST SW	CULDESAC W	457	33	15,081	R - Residential/Local	O - AC/AC	86	39.51
MARSHP	010	MARSHALL PLACE SW	MARSHALL AVENUE SW	CUL-DE-SAC	193	32	6,176	R - Residential/Local	A - AC	65	18.57
NYEAVE	001	NYE AVENUE SE	3RD STREET SE	3RD DRIVE SE	717	38	27,246	C - Collector	O - AC/AC	21	0
NYEAVE	002	NYE AVENUE SE	3RD DRIVE SE	6TH STREET SE	816	42	34,272	R - Residential/Local	A - AC	35	3.45
NYEAVE	003	NYE AVENUE SE	6TH STREET SE	END OF PAVEMENT	325	40	13,000	R - Residential/Local	A - AC	78	24.78
NYEAVE	005	NYE AVENUE SW	PERKINS AVE SW	MARSHALL AVE SW	904	32	28,928	R - Residential/Local	O - AC/AC	80	31.07
NYEAVE	010	NYE AVENUE SW	MARSHALL AVE SW	28TH ST SW	817	33	26,961	R - Residential/Local	O - AC/AC	78	29.77
NYEAVE	020	NYE AVENUE SW	ST HWY 395	24TH ST SW	844	37	31,228	C - Collector	O - AC/AC	78	22.73
NYEAVE	025	NYE AVENUE SW	23RD ST SW	END OF CURB/RD NARROWS	526	33	17,358	C - Collector	A - AC	61	8.49
NYEAVE	027	NYE AVENUE SW	50 FT SW OF ATHENS AVE SW	TUTUILLA RD SW	295	38	11,210	R - Residential/Local	A - AC	71	20.11
NYEAVE	028	NYE AVENUE SW	TUTUILLA ROAD SW	150 FT EAST OF 10TH COURT SW	1,265	38	48,070	R - Residential/Local	A - AC	75	26.3
NYEAVE	030	NYE AVENUE SW	100 FT SOUTH OF MARSHALL AVE	5TH PL SW	710	40	28,400	C - Collector	A - AC	86	19.56
NYEAVE	032	NYE AVENUE SW	5TH PL SW	2ND ST SW	821	40	32,840	C - Collector	A - AC	17	0

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
NYEAVE	035	NYE AVENUE SW	2ND STREET SW	3RD STREET SE	1,238	38	47,044	C - Collector	O - AC/AC	78	22.95
OLSONS	005	OLSON AVENUE SW	46TH ST SW	45TH ST SW	391	33	12,903	R - Residential/Local	A - AC	33	2.65
OLSONS	010	OLSON AVENUE SW	ST HWY 395	24TH ST SW	1,003	37	37,111	R - Residential/Local	A - AC	50	9.5
OLSONS	015	OLSON AVENUE SW	23RD ST SW	DEAD END E GATE	536	33	17,688	R - Residential/Local	A - AC	59	14.74
OVERLP	005	OVERLOOK PLACE SW	OVERLOOK ST SW	CULDESAC NW	449	32	14,368	R - Residential/Local	O - AC/AC	83	37.22
OVERLO	005	OVERLOOK STREET SW	TERRACE DR SW	RIVER VIEW DR SW	928	32	29,696	R - Residential/Local	O - AC/AC	75	26.13
PERKAV	004	PERKINS AVENUE SW	DEAD END W OF 46TH ST	44TH ST SW	916	33	30,228	R - Residential/Local	A - AC	28	0.93
PERKAV	005	PERKINS AVENUE SW	41ST ST SW (N INT)	PERKINS LANE SW	554	33	18,282	R - Residential/Local	A - AC	77	24.15
PERKAV	010	PERKINS AVENUE SW	PERKINS LANE SW	41ST ST SW (S INT)	516	33	17,028	R - Residential/Local	A - AC	85	36.28
PERKAV	015	PERKINS AVENUE SW	41ST ST (S INT)	SOUTHGATE PLACE SW	538	33	17,754	R - Residential/Local	O - AC/AC	76	26.62
PERKAV	020	PERKINS AVENUE SW	33RD ST SW	NYE AVE SW	247	32	7,904	R - Residential/Local	O - AC/AC	76	27.28
PERKAV	025	PERKINS AVENUE SW	NYE AVE SW	ROOSTERS BACK LOT ENTRANCE	913	33	30,129	R - Residential/Local	O - AC/AC	83	37.22
PERKAV	030	PERKINS AVENUE SW	ROOSTERS BACK ENTRANCE	ST HWY 395	405	33	13,365	R - Residential/Local	O - AC/AC	20	0
PERKAV	035	PERKINS AVENUE SW	ST HWY 395	24TH ST SW	1,126	37	41,662	R - Residential/Local	O - AC/AC	45	7.46
PERKAV	040	PERKINS AVENUE SW	24TH ST SW	DEAD END NE	1,861	40	74,440	R - Residential/Local	A - AC	57	13.55
PERKCT	005	PERKINS COURT SW	PERKINS AVE SW	CULDESAC SW	242	33	7,986	R - Residential/Local	O - AC/AC	86	41.39
PERKLN	005	PERKINS LANE SW	PERKINS AVE SW	CULDESAC N	184	33	6,072	R - Residential/Local	O - AC/AC	86	41.39
PIONPL	005	PIONEER PLACE NW	RIETH RAOD	GATE	1,657	32	53,024	R - Residential/Local	A - AC	73	22.66
QUINNA	005	QUINNEY AVENUE SW	W DEAD END	44TH ST SW	459	34	15,606	R - Residential/Local	A - AC	39	4.46
QUINNA	010	QUINNEY AVENUE SW	44TH ST SW	LOT #4039/WIDTH CHG	1,161	37	42,957	C - Collector	A - AC	95	23.15
QUINNA	015	QUINNEY AVENUE SW	LOT #4039/WIDTH CHG	SOUTHGATE PLACE SW	318	44	13,992	C - Collector	A - AC	95	23.15
QUINNA	020	QUINNEY AVENUE SW	100 FT W OF 22ND AVE SW	LOT #1920/PAVE CHG	1,186	33	39,138	R - Residential/Local	O - AC/AC	85	36.19

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
QUINNA	025	QUINNEY AVENUE SW	LOT #1920/PAVE CHG	DEAD END SE END OF PAVE	309	33	10,197	R - Residential/Local	A - AC	80	29.24
QUINNC	005	QUINNEY COURT SW	QUINNEY AVE SW	CULDESAC E	196	33	6,468	R - Residential/Local	A - AC	28	0.93
QUINND	005	QUINNEY DRIVE SW	PERKINS AVE SW(W INT)	PERKINS AVE SW(E INT)	883	33	29,139	R - Residential/Local	O - AC/AC	84	32.25
QUINNL	005	QUINNEY LANE SW	QUINNEY AVE SW	CULDESAC NE	212	33	6,996	R - Residential/Local	A - AC	82	31.83
QUINNP	005	QUINNEY PLACE SW	QUINNEY AVE SW	CULDESAC E	205	33	6,765	R - Residential/Local	A - AC	38	4.61
QUINNP	012	QUINNEY PLACE SW	CUL DE SAC WEST	3RD ST SW	390	22	8,580	R - Residential/Local	A - AC	96	34.04
QUINNP	015	QUINNEY PLACE SW	3RD ST SW	1ST ST SW	710	33	23,430	R - Residential/Local	A - AC	82	27.45
RIVERV	005	RIVER VIEW DRIVE SW	28TH DRIVE SW	100 FT W OF OVERLOOK	1,613	32	51,616	R - Residential/Local	O - AC/AC	83	37.22
RIVERV	010	RIVER VIEW DRIVE SW	100 FT W. OF OVERLOOK	28TH ST SW	1,630	32	52,160	R - Residential/Local	A - AC	90	42.87
RUNNAV	005	RUNNION AVENUE SW	TUTUILLA ROAD SW	300 FT NORTH OF QUINNEY PLACE	1,531	33	50,523	R - Residential/Local	O - AC/AC	82	31.01
RUNNAV	010	RUNNION AVENUE SW	300 FT NORTH OF QUINNEY PLACE	QUINNEY PL SW	300	33	9,900	R - Residential/Local	A - AC	85	35.8
RUNNCT	005	RUNNION COURT SW	44TH ST SW	CULDESAC E	342	33	11,286	R - Residential/Local	A - AC	80	30.67
RUNNDR	005	RUNNION DRIVE SW	100 FT S OF RUNNION PL	QUINNEY AVE	386	33	12,738	R - Residential/Local	A - AC	54	11.33
RUNNDR	010	RUNNION DRIVE SW	QUINNEY AVE	18TH ST SW	437	33	14,421	R - Residential/Local	A - AC	82	31.83
RUNNLN	005	RUNNION LANE SW	RUNNION DR SW	LOT #1885/PAVE CHG	112	33	3,696	R - Residential/Local	A - AC	61	14.83
RUNNLN	010	RUNNION LANE SW	LOT #1885/PAVE CHG	CU;DESAC S	249	33	8,217	R - Residential/Local	A - AC	85	35.25
RUNNPL	005	RUNNION PLACE SW	RUNNION DR SW	CULDESAC N	207	33	6,831	R - Residential/Local	A - AC	59	13.79
SHERID	005	SHERIDIAN AVENUE SW	44TH ST SW	42ND ST SW	544	33	17,952	R - Residential/Local	O - AC/AC	85	37.51
SKYDNW	005	SKYLINE DRIVE NW	KING AVE NW	CULDESAC N	1,211	35	42,385	R - Residential/Local	O - AC/AC	77	30.12
SKYLNW	005	SKYLINE LANE NW	SKYLINE DR NW	CULDESAC	365	33	12,045	R - Residential/Local	O - AC/AC	77	30.12
SOUTGP	005	SOUTHGATE PLACE SW	ST HWY 395 (S INT)	100 FT N OF SUNSET AVE SW	522	22	11,484	C - Collector	A - AC	81	16.52
SOUTGP	010	SOUTHGATE PLACE SW	100 FT N OF SUNSET AVE SW	ST HWY 395 (N INT)	3,127	33	103,191	C - Collector	A - AC	74	13.98
STRDNW	010	STAGE GULCH RD NW	AIRPORT RD NW	END OF PAVEMENT	480	27	12,960	R - Residential/Local	A - AC	95	33.82
SUNSET	005	SUNSET DRIVE SW	BROADLANE/BEG OF PAVE	KORVOLA RD SW	865	18	15,570	R - Residential/Local	O - AC/AC	83	35.76

Section PCI/RSL Listing

Printed: 05/29/2013

Street ID	Section ID	Street Name	From	To	Length	Width	Area	Functional Class	Surface Type	Current PCI	Remaining Life
TAHOEA	005	TAHOE AVENUE SW	42ND ST SW	DEAD END E	155	33	5,115	R - Residential/Local	A - AC	89	31.54
TAHOEA	010	TAHOE AVENUE SW	TUTUILLA RD SW	3RD ST SW	1,580	33	52,140	R - Residential/Local	A - AC	95	33.82
TAHOEA	020	TAHOE AVENUE SW	3RD ST SW	1ST ST SW	660	33	21,780	R - Residential/Local	A - AC	95	33.97
TAHOEA	030	TAHOE AVENUE SW	1ST SW	TEMP DEAD END	110	33	3,630	R - Residential/Local	A - AC	95	33.97
TERRAC	005	TERRACE DRIVE SW	RIVER VIEW DR	DEAD END N OF OVERLOOK STR	265	32	8,480	R - Residential/Local	O - AC/AC	79	31.1
THETCT	005	THETA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	1,357	32	43,424	R - Residential/Local	A - AC	80	30.05
TUTURD	005	TUTUILLA ROAD SW	STATE HWY 395	HAILEY AVENUE SW	413	32	13,216	C - Collector	O - AC/AC	77	20.75
TUTURD	010	TUTUILLA ROAD SW	HAILEY AVENUE SW	MARSHALL AVENUE SW	2,593	42	108,906	C - Collector	O - AC/AC	88	27.69
TUTURD	015	TUTUILLA ROAD SW	MARSHALL AVENUE SW	NYE AVENUE SW	1,502	42	63,084	C - Collector	O - AC/AC	89	28.17
TUTURD	020	TUTUILLA ROAD SW	NYE AVENUE SW	ATHENS AVENUE SW	2,235	42	93,870	C - Collector	O - AC/AC	89	28.17
TUTURD	030	TUTUILLA ROAD SW	ATHENS AVE SW	CITY LIMITS 100' S. OF TAHOE AVE	1,060	42	44,520	C - Collector	O - AC/AC	90	33.48
VISTAA	005	VISTA AVENUE SW	43RD ST SW	42ND ST SW	630	33	20,790	R - Residential/Local	A - AC	82	27.34
VISTAP	005	VISTA PLACE SW	VISTA AVE SW	CULDESAC	665	33	21,945	R - Residential/Local	A - AC	83	27.97
VITACT	005	VITA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	329	29	9,541	R - Residential/Local	O - AC/AC	91	36.61
WESTNW	005	WESTGATE DRIVE NW	WESTGATE DRIVE SW	BEGINNING OF CURB	1,363	34	46,342	R - Residential/Local	O - AC/AC	76	31.61
WESTNW	010	WESTGATE DRIVE NW	BEGINNING OF CURB	WESTGATE (EOCI ENTRANCE)	674	30	20,220	R - Residential/Local	A - AC	64	17.36
WESTSW	004	WESTGATE DRIVE SW	BEGINNING OF PAVEMENT	WESTGATE NW	1,250	30	37,500	R - Residential/Local	A - AC	81	30
WESTSW	005	WESTGATE DRIVE SW	WESTGATE NW	EAST DEAD END	1,640	30	49,200	R - Residential/Local	A - AC	84	34.23
ZETACT	005	ZETA COURT SW	ATHENS AVENUE SW	CUL-DE-SAC	329	30	9,870	R - Residential/Local	O - AC/AC	87	41.66

City of Pendleton

Current PCI Condition

Printed: 7/31/2013

Feature Legend

- I - Very Good
- II - Good (non-load)
- III - Good (load-related)
- IV - Poor
- V - Very Poor

0 0.5 Miles

Appendix F

Scenario Maps
Scenario - Treatments Selected
Scenario - Street Condition after 10 years

Scenarios - Sections Selected for Treatment Reports for each Scenario are available separate from this report. These reports show a list of all treatments selected in any given year for each Scenario.

City of Pendleton

Scenario Treatments

(1) Unconstrained Needs - All Project Periods - Printed: 7/31/2013

Feature Legend

- 2 IN OVERLAY (RESTORATION)
- 2 INCH OVERLAY
- RECONSTRUCT STRUCTURE (AC)
- SLURRY SEAL
- SLURRY W/ LOCALIZED PATCHING (cat III)

0 0.5 Miles

City of Pendleton

Scenario Treatments

(2) Current Funding Level ($300k/year) - All Project Periods - Printed: 8/6/2013

Feature Legend

- 2 INCH OVERLAY
- SLURRY SEAL
- SLURRY W/ LOCALIZED PATCHING (cat III)

0 0.5 Miles

City of Pendleton

Scenario Treatments

(3) Maintain Current PCI ($700k/year) - All Project Periods - Printed: 7/31/2013

Feature Legend

- 2 INCH OVERLAY
- RECONSTRUCT STRUCTURE (AC)
- SLURRY SEAL
- SLURRY W/ LOCALIZED PATCHING (cat III)

0 0.5 Miles

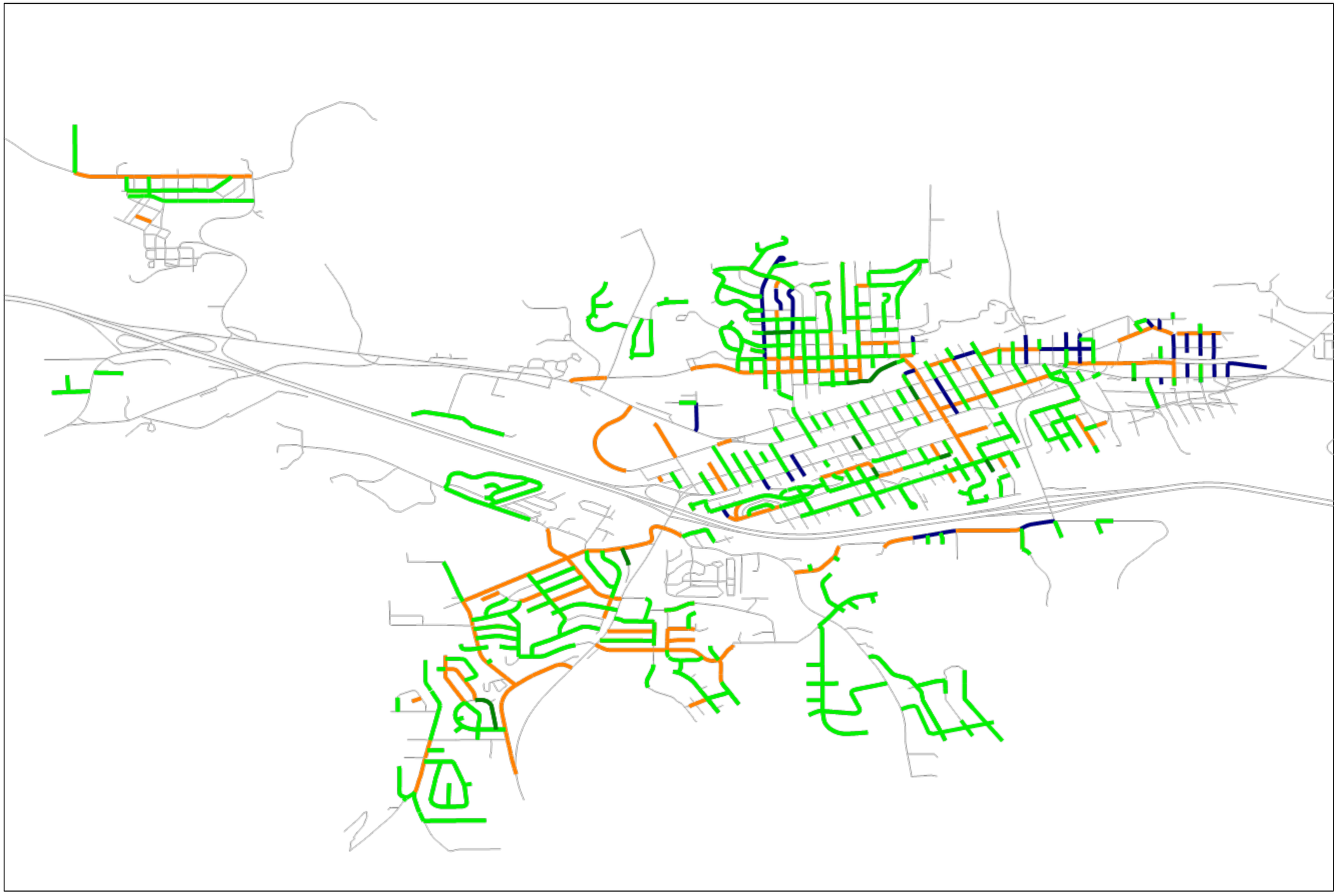
City of Pendleton

Scenario Treatments

(4) Increase PCI 5 points ($1.7mil/year) - All Project Periods - Printed: 7/31/2013

Feature Legend

- 2 IN OVERLAY (RESTORATION)
- 2 INCH OVERLAY
- RECONSTRUCT STRUCTURE (AC)
- SLURRY SEAL
- SLURRY W/ LOCALIZED PATCHING (cat III)



0 0.5 Miles

City of Pendleton

Scenario PCI Condition

(1) Unconstrained Needs - 2023 Project Period - Total Rehab: $138,312 - Printed: 7/31/2013

Feature Legend

- I - Very Good
- II - Good (non-load)
- III - Good (load-related)

0 0.5 Miles

City of Pendleton

Scenario PCI Condition

(2) Current Funding Level ($300k/year) - 2023 Project Period - Total Rehab: $268,865 - Printed: 8/6/2013

Feature Legend

- I - Very Good
- II - Good (non-load)
- III - Good (load-related)
- IV - Poor
- V - Very Poor

0 0.5 Miles

City of Pendleton

Scenario PCI Condition

(3) Maintain Current PCI ($700k/year) - 2023 Project Period - Total Rehab: $523,410 - Printed: 7/31/2013

Feature Legend

- I - Very Good
- II - Good (non-load)
- III - Good (load-related)
- V - Very Poor

0 0.5 Miles

City of Pendleton

Scenario PCI Condition

(4) Increase PCI 5 points ($1.7mil/year) - 2023 Project Period - Total Rehab: $1,249,916 - Printed: 7/31/2013

Feature Legend

- I - Very Good
- II - Good (non-load)
- III - Good (load-related)
- V - Very Poor

0 0.5 Miles