Pavement Condition Assessment for Saddle Creek Community Services District

June 2016

Peter Rei, P.E.



Table of Contents

- I. Introduction
- II. Executive Summary
- III. Data Collection Methodology
- IV. Data Analysis Methodology
- V. Summary of Current Road Network System Conditions
- VI. Summary of Current Deferred Maintenance Backlog
- VII. Budget Scenarios
 - a. No Project
 - b. Status Quo PCI =62
 - c. \$50,000 per year budget
 - d. \$100,000 per year budget
- VIII. Budget Recommendations
- IX. Proposed Project Lists for FY 2017
- X. Attachments
 - a. Network Conditions Summary \$100,000/year budget scenario
 - b. August 11, 2006 Pavement Evaluation for Saddle Creek Resort, prepared by Jon Lyman, P.E.
 - c. Current PCI Calculations by 100-foot roadway section

I. Introduction

Saddle Creek Community Services District owns and operates the infrastructure for the subdivision surrounding the Saddle Creek Resort and Golf Course in Copperopolis, California. Of particular interest to this report is the road network that serves the subdivision and it's residents.

There are a total of just under 8 miles of asphalt roadways within the Saddle Creek subdivision. The oldest roads in the Saddle Creek subdivision were built in 1995 with the construction of the entrance road off of Little John Road, Saddle Creek Drive and Oak Creek Drive. In 1998 the roads within the Knolls neighborhood and the Mitchell Lakes neighborhood were added, followed by the roads within the Rockridge neighborhood in 2001, the Oak Creek and Oak Meadow neighborhoods in 2004, the Glens neighborhood in 2007 and the most recent addition of the roads in the Hawkridge neighborhood in 2011.

It has now been more than 20 years since the construction of the original asphalt roads and their age is beginning to show. The purpose of this report is to examine the current condition of all of the roadways within the Saddle Creek subdivision, develop several roadway maintenance and rehabilitation strategies to address the current and future roadway maintenance needs and provide current and future budget recommendations to the Saddle Creek Community Services District Board and General Manager.

II. Executive Summary

The goal of pavement management is to devise an ongoing program of pavement preventative maintenance which maintains the roadways in the most cost-effective manner over time. If scheduled effectively these treatments can dramatically increase the quality of pavement conditions and decrease the yearly expenditures necessary to maintain those improved pavement conditions over time.

The metric that is used in pavement management is called the Pavement Condition Index. The PCI is number between 0 and 100 which attempts to capture the current condition of a roadway pavement for a specific section. A score of 100 indicates a brand new pavement that has just been constructed. Over time the forces of weathering and loading, primarily from heavier vehicles, begin to degrade all pavements. The PCI score measures the extent of this degradation as a reduction in the score from the original score of 100.

Figure 1 depicts the typical Pavement decay curve which represents the condition (PCI score) of pavements as they age. New pavements normally perform well for the first few years after they are constructed. However, as time goes on they begin to degrade. This degradation accelerates if the pavements are not provided with preventative maintenance treatments after the 5-8 years.

As the degradation continues the cost to repair the degradation, and return the pavement to a "very good" condition continues to rise. The cost to perform preventative maintenance treatments on relatively new pavements (PCI of 70 to 100) is in the range of \$2-4 per square yard. However, the cost to repair severely damaged pavements (PCI of 25 or lower) can range from \$70-100 per square yard. The old saying "you can pay me now or pay me a whole lot more later" accurately describe the result of not committing to an ongoing pavement management program that maintains the PCI at a level of 70 or above.

From discussions with current Saddle Creek Community Services District management and line employees it was learned that no significant pavement maintenance has been done over the life of the subdivision. With the exception of some very minor patching and crack sealing the pavements are essentially untouched from their original construction.

The existing average PCI value for the roads within the Saddle Creek Community Services District is calculated to be 62 as of May 2016, with 31.4% of the roadways classified in poor or very poor condition. The average PCI for all of the Saddle Creek roadways was quoted to be 78 in an August 2006 report by Jon Lynch P.E. to the District Manager of the Saddle Creek Community Services District. The drop in PCI from 78 in 2006 to 62 in 2016 is very significant and represents a very large increase in the current and future cost of maintaining the roadways in an acceptable condition. Immediate attention to addressing the pavement conditions of the roadways is now essential to reverse this continuing decline in pavement conditions.

Based on the recent inspections and analysis the current estimated cost of the unmet needs to repair all of the roadways within the Saddle Creek subdivision is approximately \$560,000 in 2016 dollars. This cost represents the amount of money needed to return all roadways within the subdivision up to a "very good" condition (PCI of 70 or above).

If nothing is done to address the ongoing deterioration of pavement conditions the average PCI for all roadways within the subdivision is projected to deteriorate from the current value of 62 to a value of 52 by the year 2021. The reduction in PCI score directly correlates to the ongoing deterioration of the pavement condition caused by weathering and continued use of the roadways by vehicles, particularly heavily loaded vehicles such as garbage trucks, propane trucks, moving vans etc.

A yearly budget of \$50,000 per year is needed to raise the average PCI of the subdivision roads from it's current value of 62 (31.4% of pavement in poor or very poor condition) to a value of 66 by the year 2021 (19.3% of pavement in poor or very poor condition).

A yearly budget of \$100,000 per year is needed to raise the average PCI of the subdivision roads from it's current value of 62 (31.4% of pavement in poor or very poor condition) to a value of 79 by the year 2021 (4.6% of pavement in poor or very poor condition).



Figure 1 – Pavement Decay Curve

III. Data Collection Methodology

Pavement condition data was collected over a period of three weeks in May 2016 using the Pavement Condition Index Distress Identification Manual For Flexible Pavements and the Streetsaver Pavement Management program both published by the Metropolitan Transportation Commission. The Streetsaver program is the most widely used pavement management program in California and is used to manage over 340,000 miles of roadways throughout the state.

Each street was divided up into 100 foot sections. Each roadway section was measured to confirm the width of the roadway in order to accurately calculate the total area of pavement for that section.

Each roadway section was then carefully evaluated for the following pavement distresses:

1. Alligator Cracking

Longitudinal and transverse cracks running parallel to each other. Normally caused by repeated heavy traffic loading. Measured by the square foot as Low, Medium or High severity

2. Block Cracking

Longitudinal and transverse cracks that divide a pavement into approximately rectangular pieces. Normally caused by shrinkage of pavement from heating and cooling over extended periods of time. Measured by the square foot as Low, Medium or High severity.

3. Vertical Pavement Distortions

Abrupt upward or downward displacements in the pavement surface. Normally caused by unstable pavement materials, lack of adequate roadway support or tree roots. Measured by the square foot as Low, Medium or High severity.

4. Longitudinal and Transverse Cracking

Cracks that are parallel or perpendicular to the pavement's centerline. Normally caused by shrinkage of the pavement from heating and cooling over extended periods of time or poor construction joints. Measured by the linear foot as Low, Medium or High severity.

5. Patching/Utility Cuts

An area of pavement that has been replaced or covered with new pavement material to repair the existing pavement or a cut in the pavement due to the placement or maintenance of subsurface utilities. Measured by the square foot as Low, Medium or High severity.

6. Rutting/Depressions

Surface depressions in the wheel paths. Normally caused by weaknesses in the substructure of the road and repeated heavy loading from vehicles. Measured by the square foot as Low, Medium or High severity.

7. Raveling

The dislodging of coarse rock aggregate particles from the asphalt binder material. Normally caused by insufficient asphalt binder in the pavement or poor compaction of the pavement during construction. Measured by the square foot as Medium or High severity.

8. Weathering

The wearing away of the asphalt binder holding the rock aggregate together. Normally caused by oxidization from repeated exposure to the elements, particularly sunlight, poor compaction during construction or insufficient asphalt content. Measured by the square foot as Low, Medium or High severity.

IV. Data Analysis Methodology

All collected pavement distress data was input into the Metropolitan Transportation Commission Streetsaver program for analysis. The outputs of the Streetsaver program include the PCI calculations for each 100 foot section of roadway pavement and an associated pavement condition score (PCI).

Collector Roads vs. Local Roads

The analyzed data is summarized by type of roadway. In the case of the Saddle Creek subdivision two categories of roadway were used. Saddle Creek Drive and Oak Creek Drive were classified as collector roads. The remainder of the roadways were classified as local roads. This allows the program to place a slightly higher emphasis on collector roads in recognition that these roads normally carry greater volumes of traffic and experience a greater amount of heavy loads. Thus, they are more likely to deteriorate faster than are the local roads. This distinction is used later in the selection of roadway rehabilitation projects to place a greater importance to repairs to these roadway sections.

Summary of Current Roadway Pavement Conditions by PCI

The collector roadways average PCI was calculated to have a score of 53
The local roadways average PCI was calculated to have a score of 69
The overall average PCI for all roadways combined was calculated to have a score of 62.

Summary of Current Roadway Pavement Conditions by Category

Very Good – PCI of 70 to 100	51.7%
Good – PCI of 50 to 70	16.9%
Poor – PCI of 25 to 50	28.0%
Very Poor – PCI of 0-24	3.4%
Total	100.0%

V. Summary of Current Road Network System Conditions and Deferred Maintenance Backlog

Summary of Current Conditions

These results indicate that only 51.7% of the roadways within the subdivision are in Very Good condition. These are mostly the roadway constructed in the past 5-7 years. These roadway pavements are excellent candidates for preventative maintenance treatments such as crack sealing, slurry sealing and chip seals to prolong their life at a high PCI and to also prevent them from requiring more costly rehabilitation in the future if they continue to deteriorate.

16.9% of the roadways within the subdivision are within the Good category. These roadway pavements are prime candidates for pavement rehabilitation treatments such as thin overlays and site-specific dig-outs of old failed pavements. Continued deterioration of these pavements without rehabilitation in the very near future will result in greatly increased costs to eventually repair these pavements to acceptable levels.

3.4 % of the existing pavements have already fallen below a score of 50 into the Poor or Very Poor category. These pavements are now sufficiently compromised that they will require more involved and expensive pavement rehabilitation treatments such as wider area removal and replacement of pavements, thicker overlays and possibly the addition of pavement fabric in conjunction with thicker overlays to provide more support for load related distresses.

Summary of Costs to improve the condition of distressed pavement to a Very Good condition

Using the data from the Streetsaver analysis the cost of repairing the current pavement conditions and returning all of those distressed pavements to a Very Good condition is estimated to be approximately \$560,000 in 2016 dollars. This amount is based on current construction costs for pavement preventative maintenance and pavement restoration projects in Northern California. The costs include a combination of project design, bidding, construction contract, and construction management expenses.

The \$560,000 backlog is further subdivided to include \$510,000 in pavement rehabilitation costs and \$50,000 in pavement preventative maintenance costs.

VI. Budget Scenarios

Using the calculated backlog figure of \$560,000 a series of possible budget scenarios are offered for consideration. All of these budget scenarios include a yearly inflation factor of 3.0 percent. This figure is representative of the Cost of Construction index published in the Engineering News Record for Northern California over the past 20 years.

The budget scenarios also include an interest figure of 5.0%, as recommended by the Streetsaver program, to account for the cost of money over time.

1. Do Nothing

This alternative assumes that there will be no effort to address the current pavement needs. The estimated 5-year cost of this scenario is obviously \$0. The calculated result of this scenario for the five year period from 2016-2020 is summarized below:

<u>Year</u>	Average PCI	% of Roadway Sections In Poor or Very Poor condition	<u>Deferred Maintenance</u>
2017	62	30.4%	\$192,921
2018	60		
2019	57		
2020	54		
2021	52	41.0%	\$495,714

2. Status Quo - PCI of 62

This alternative assumes that there will be an effort prevent the current roadway conditions from deteriorating further. However, there will not be an improvement in the average overall pavement conditions within the subdivision as a whole. The estimated 5-year cost of this scenario is \$ 154,175. The calculated result of this scenario for the five year period from 2016-2020 is summarized below:

<u>Year</u>	Average PCI	% of Roadway Sections In Poor or Very Poor condition	Deferred Maintenance
2017	62	30.4%	\$192,921
2018	62		
2019	62		
2020	62		
2021	62	32.2%	\$424,390

3. Budget of \$50,000 per year

This alternative assumes that there will be a budget of \$50,000 per year established to devote to pavement preventative maintenance and rehabilitation. The 5-year cost of this scenario is \$250,000. The calculated result of this scenario for the five year period from 2016-2020 is summarized below:

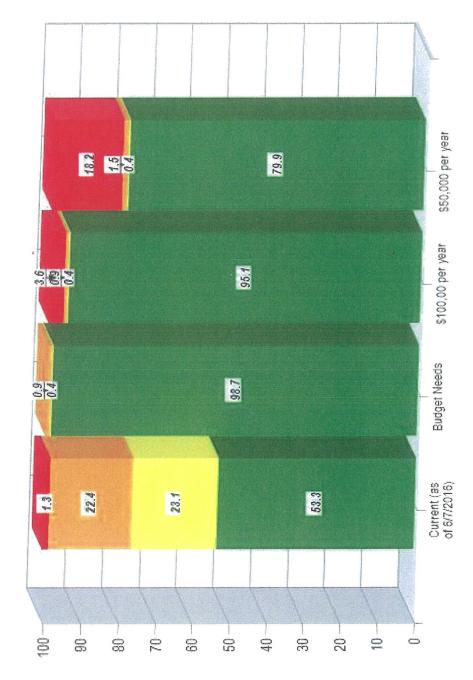
<u>Year</u>	Average PCI	% of Roadway Sections In Poor or Very Poor condition	<u>Deferred Maintenance</u>
2017	65	30.4%	\$192,921
2018	66		
2019	66		
2020	66		
2021	66	19.7%	\$353,065

4. Budget of \$100,000 per year

This alternative assumes that there will be a budget of \$100,000 per year established to devote to pavement preventative maintenance and rehabilitation. The 5-year cost of this scenario is \$500,000. The calculated result of this scenario for the five year period from 2016-2020 is summarized below:

<u>Year</u>	Average PCI	% of Roadway Sections In Poor or Very Poor condition	<u>Deferred Maintenance</u>
2017	68	31.4%	\$96,616
2018	71		
2019	74		
2020	76		
2021	79	4.6%	\$91,329





Percentage

VII. Budget Recommendations

Based on the four options analyzed it is the recommendation of this report that a budget of \$100,000 per year be established. This amount will be sufficient to allow yearly improvements to the overall average pavement condition of all roadways within the subdivision. The expected increase in PCI from the current value of 62 to the projected PCI value of 79 in 2021 is significant and will bring all roadways within the subdivision up to a Very Good condition within the 5 year period.

Once the overall average condition of the subdivision roadways is improved it will be far less expensive on a yearly basis to maintain that improved condition assuming continued pavement preventative maintenance treatments are applied. In fact, it may even be possible to consider lowering the annual budget amount once the overall average condition of the roadways is above 75 as there will be less expensive pavement rehabilitation needing to be done and more inexpensive preventative maintenance.

IX Project Lists for FY 2017-2020

The projects shown below are based on a \$100,000 per year budget using the Streetsaver analysis of the best use of funding to improve the overall condition of the subdivision roadways. If the actual budget is smaller than \$100,000 per year some of these recommended projects will need to be delayed. Not all roadways in the subdivision are recommended for treatments in the first three years. This is due to many factors but primarily is driven by the cost-effectiveness of treatments to particular roadways when trying to maximize the effectiveness on the overall subdivision PCI based on the funding available. It is likely that any roadways not listed on the recommended list for 2017-2020 will be scheduled for treatments in later years.

It is also important to realize that all roadway sections on a given roadway do not require the same treatment. Some sections may need more involved rehabilitation than other sections do on the same roadway due to localized roadway distresses. For ease of construction it makes sense to combine all sections on the same roadway with the same pavement treatment. This tends to increase the cost of roadway treatments somewhat but results in a much more aesthetically pleasing project as opposed to a haphazard series of spot treatments.

Other factors which may be appropriate to consider in the selection of projects include combining similar treatments into one yearly contract. For example, if it is desirable to perform chip sealing on multiple roadways it will be much more cost-effective to combine all of the chip sealing operations into one contract in a particular year rather than do several small contracts each year.

Additional project selection criterion could include the desires of local elected representatives (political considerations) or other factors. Those considerations are beyond the scope of this report and are not included in the recommended project lists.

Recommended projects for 2017

Hawkridge Drive (Oakwood Place to Hawkridge Court) - Crack Sealing Hawkridge Court – Crack Sealing Quail Covey Court – Crack Sealing Quail Creek Drive – Crack Sealing

Glen View Court – Chip Seal
Knolls Court – Chip Seal
Knolls Drive – Chip Seal
Oak Creek Drive (Saddle Creek Drive Intersection to end) – Chip Seal
Quail Meadows Lane – Chip Seal
Resort Roundabout – Chip Seal

Blue Oak Court – Thick Overlay
Copper Glen Court – Thick Overlay
Flagstone Court – Thick Overlay
Oak Creek Drive (Oakwood Place to Saddle Creek Drive) – Thick Overlay
Quail Meadows Court – Thick Overlay
Red Tail Court – Thick Overlay
Saddle Creek Drive (Gate to Resort Roundabout) – Thick Overlay
White Oak Court – Thick Overlay
Wood Duck Court – Thick Overlay

Recommended projects for 2018

Grandview Court – Chip Seal Leaf Crest Court – Chip Seal Mossy Woods Court – Chip Seal

Falcon Court – Thick Overlay
Greenstone Court – Thick Overlay
Hawkridge Drive (Hawkridge Court to Oak Creek Drive) – Thick Overlay
Summit Court – Thick Overlay
Summit Lane – Thick Overlay
Vista Knolls Court – Thick Overlay

Recommended projects for 2019

Falling Leaf Lane – Chip Seal Mitchell Lake Court – Chip Seal Mitchell Lake Lane – Chip Seal Wildflower Court – Chip Seal

Copper Glen Terrace – Reconstruct Rockridge Court – Reconstruct Rockridge Lane – Reconstruct

Recommended projects for 2020

Saddle Creek Drive (Resort Roundabout to Oak Creek Drive) - Reconstruct

Note: Various other projects are scheduled for either 2020 or 2021. The original scope of work for this report included a requirement to list the projects for 2017, 2018 and 2019. However, Saddle Creek Drive is shown as it is a major project for 2020. Other projects for 2020 and 2021 were not shown in this list, but would be shown on future lists in coming years.

X Attachments

Scenarios - Network Condition Summary

Interest: 5%

Inflation: 3%

Printed: 06/07/2016

Scenario: \$100,00 per year

Year	Budget	PM	Year	Budge	et PM	Year	Budget	PM
2017	\$100,000	5%	2019	\$100,00	0 5%	2021	\$100,000	5%
2018	\$100,000	5%	2020	\$100,00	0 5%			
		•	CI by year		Treated	Т	reated	
Year	Never Treat	•	/ith Selected Tr	eatment		· · · · · · · ·		
Year	Never Treat	ted V			Centerline Miles	· · · · · · · ·	Miles	
· .	Never Treat	•		eatment 68 71		· · · · · · · ·		
Year 2017	Never Treat	ted V 62		68	Centerline Miles 2.57	· · · · · · · ·	Miles 5.08	
Year 2017 2018	Never Treat	ted V 62 60		68 71	Centerline Miles 2.57 1.23	· · · · · · · ·	Miles 5.08 2.42	

Percent Network Area by Functional Class and Condition Category

Condition in base year 2017, prior to applying treatments.

Condition	Arterial	Collector	Res/Loc	Other	Total
1	0.0%	7.2%	44.5%	0.0%	51.7%
H / III	0.0%	1.8%	15.1%	0.0%	16.9%
IV	0.0%	17.7%	10.3%	0.0%	28.0%
V	0.0%	1.1%	2.2%	0.0%	3.3%
Total	0.0%	27.9%	72.1%	0.0%	100.0%

Condition in year 2017 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
1	0.0%	13.0%	55.4%	0.0%	68.4%
11 / 111	0.0%	0.7%	9.2%	0.0%	9.9%
IV	0.0%	13.1%	5.3%	0.0%	18.4%
V	0.0%	1.1%	2.2%	0.0%	3.3%
Total	0.0%	27.9%	72.1%	0.0%	100.0%

Condition in year 2021 after schedulable treatments applied.

Condition	Arterial	Collector	Res/Loc	Other	Total
1	0.0%	24.3%	70.8%	0.0%	95.1%
H / HI	0.0%	0.0%	0.4%	0.0%	0.4%
IV	0.0%	0.0%	0.9%	0.0%	0.9%
V	0.0%	3.6%	0.0%	0.0%	3.6%
Total	0.0%	27.9%	72.1%	0.0%	100.0%

August 11, 2006

Mr. Charles Martin District Manager Saddle Creek Community Services District. 1000 Saddle Creek Drive Copperopolis, CA 95228

Subject: Pavement Evaluation for Saddle Creek Resort

Dear Mr. Martin:

Thank you for providing me this opportunity for submitting a report on the condition of the pavements in Saddle Creek Resort. As an engineer with over 40 years of experience in the field, and having worked my last 20 plus years as City Engineer for Redwood City, I am pleased to bring my experience and training to bear on this application.

The roads at Saddle Creek generally are in very good shape, mostly because they are relatively new. However, several streets came in with ratings that are not acceptable. Included with this report is a Technical Memorandum which describes the methodology for evaluating the street pavements, along with the ratings of each of the streets within the subdivision. The report shows that Saddle Creek Drive, with a Pavement Condition Index of 52, needs an asphalt overlay. The other major streets constructed in the earlier stages of the development (Oak Creek Drive, Hawkridge Court, and accompanying side streets) are in need of a slurry seal.

The "Management Strategies" portion of this Technical Memorandum shows the cost associated with these treatments. I have also included some cost estimates for future planning purposes on the other major streets of concern. The Management Strategies Numbers 1 and 2 should be done as soon as possible, so as not to permit further deterioration of the roadways. Management Strategy No. 3 can be programmed for future treatment. By following these three strategies, the roadways will be brought up to a minimum standard which I feel is adequate for acceptance by the District. The strategies I have outlined will bring all the streets up to a Condition Index of at least 90 or better, which in laymen's terms is new or nearly new condition.

When it comes time for the slurry seal application, I would like the opportunity to provide the technical specifications for the product that we have used in Redwood City. Our product specification has proven successful over the years in restoring many of our aging streets, and these specifications are "tried and true".

I will be pleased to discuss any of the aspects of this report with you or any of the Board Members if you need me to make a presentation.

Sincerely.

Jon K. Lynghi PE

TECHNICAL MEMORANDUM

PAVEMENT EVALUATION FOR SADDLE CREEK RESORT

By: Jon K Lynch, PE. August 9, 2006

Background

The purpose of this report is to provide the Saddle Creek Community Services District (CSD) with an evaluation of the pavement condition of the roadways within the Development for which it is responsible for maintaining. It is our understanding that the roadways have not officially been turned over to the CSD for maintenance, but that they are still under the responsibility of the master developer of the project. This report will be a "snap shot" in time as to the present condition of the pavement.

Asphalt concrete is a product that deteriorates over time because of many factors, the most important of which is the repeated application of wheel loads. Secondarily, the asphalt binders in the roadway break down with time due to exposure to ultraviolet rays of the sun. The climate in Copperopolis is a bit harsher on the pavement than other areas because of the heat of the summer, and even the best pavements can break down unless a preventative maintenance program is followed. This report will summarize the results of the pavement inspection, and provide some guidelines and recommendations on what preventative maintenance is best for the condition of the pavement as observed on August 8, 2006.

Pavement Condition Index Method

The most widely accepted method of rating pavement is the Pavement Condition Index (PCI) Method. The PCI method was developed by the Construction Engineering Research Laboratory of the Corps of Engineers. The method was subsequently adopted by the Federal Aviation Administration to determine pavement condition of its airfield pavements. The PCI method is currently being used in the majority of the cities throughout the nine bay area counties, and has been adopted by the Metropolitan Transportation Commission as a management standard. It is now the most readily accepted method of rating pavements in California.

This method consists of the following three steps: dividing the roadway into sections and selecting sample units for inspection; identifying and recording pavement distress by types; computing the PCI from the survey data using the quantities of distress and the

area of the inspection units. Charts and graphs are provided to determine the loss of effectiveness for each of the many kinds of distress.

Basically, the differing pavement distresses are then given a "deduct value" based on the severity of the condition, and the deduct values are added together to come up with an adjusted value. The PCI is then calculated by subtracting from 100 the total deduct value. In other words, a new pavement would have no deduct values and would receive a PCI of 100. Older pavement would receive an appropriately lower PCI, depending on the amount and severity of the distress recorded in the inspection.

Typical distress patterns are alligator cracking, block cracking, distortions, longitudinal and transverse cracking, patching and utility cuts, rutting and depressions, and weathering and raveling. A person experienced in asphalt pavements is needed to verify the varying degrees of intensity of these conditions so that a uniform basis is used to compare one street to the next. Once the overall PCI index of the street is determined, then an evaluation can be made of its condition. The evaluation will lead to the development of an appropriate management strategy

Evaluating Pavement Life

Asphalt road surfaces have a lifetime of approximately 20 years. Attachment 1 shows the graph of the life span of a typical pavement compared to the cost of repairs. The graph shows PCI versus the life span of a typical pavement. Without maintenance, in the first 12-15 years the road quality can drop by as much as 40%. After this point the rate of deterioration dramatically increases, so that in just the next three years the quality will drop another 40%, after which the roadway will fail completely and require complete reconstruction. At this point the cost of restoring the pavement to a good condition becomes the most expensive.

The PCI will determine the rating of the pavement. Attachment 2 to this report shows a summary of the range of condition indexes, along with the rating corresponding to the index. As stated, a new pavement would have an index of 100, and a pavement with a 0 rating would indicate a totally failed pavement. Any street with a PCI of 70 or above is considered in very good condition. The best long term strategy for any agency is to keep the condition of your pavement such that the index is 80 or better.

Pavement Condition Index for Saddle Creek Subdivision

There are over 3.7 miles of streets that were rated in this program. The Attachment 3 shows the summary of the survey results of the streets in Saddle Creek. It is important to note that the newest streets (Copper Highlands, Copper Ridge, the Bungalows, and the "New Country Collection") were not rated as they are really new and therefore would not have any deduct values.

As a result of the survey performed on August 6, 2006, the overall PCI of the streets in Saddle Creek was determined to be 78, which is very good. However, the older streets which were constructed with the original development are rated lower, mainly due to age. The worst street is Saddle Creek Drive, which is rated at a PCI of 52. This street is the one which receives the most amount of traffic since is serves as the central artery of all the traffic in the development. It was found to have quite a number of low to moderate alligator cracking, many patches and utility cuts, rutting and depressions of low to moderate value, and quite a few longitudinal and transverse cracks. Also, even without the surface distress, it was apparent that the pavement was experiencing the light to moderate weathering and the beginning of raveling. This latter condition is the result of the evaporation loss of the asphalt binder in the mix due to aging.

As the aging of Saddle Creek Drive continues, the asphalt binder will wear away and the aggregate will start to pop out of the mix (more advanced cased of raveling), and the pavement will become very brittle. Repeated wheel loads will cause more alligatoring, rutting, possible block cracking, and eventual failure. The resulting stress will be almost impossible to repair without a total reconstruction. This pavement is at the point where a simple slurry seal coal will not suffice to protect the surface of the pavement. An overlay is recommended for this street, consisting of the placement of a reinforcing fabric over the existing surface, grinding the edge of the pavement along the gutter to provide an edge to pave, and overlaying with a minimum of 1-1/2 inches of asphalt concrete. The costs for this work are covered under the section on Pavement Management Strategies, management strategy No. 1.

The next most heavily aged section is Oak Creek Drive, between lots 98 and 26, which are the original construction limits for this street. Oak Creek drive has a PCI of 70. It suffers from minor alligatoring, a large number of utility trenches and miscellaneous patches, minor longitudinal and transverse cracking, and a few ruts or depressions. This street is on the verge of getting worse, and as the graphs show, now is the time to treat this street before it deteriorates into a fair-to-poor condition and it becomes more costly to repair. However, it is recommended that the simple treatment of a Polymer Modified Asphalt Slurry Seal (PASS) will bring this section up to acceptable standards. See management strategy No. 2.

The remainder of the streets that were built 7-10 years ago (Greenstone Ct., Blue Oak Ct., White Oak Ct., Wood Duck Ct., Hawkridge Ct., and Red Tail Ct.) should receive the same slurry seal treatment. Although they have a very good to excellent structural rating, they are beginning show the same weathering and raveling as the other streets in the same age bracket. Hawkridge Court, especially, will start to deteriorate more rapidly if not treated because of the additional traffic imposed by the newer development now taking place adjacent to that area.

The streets in the Knolls area, the newer sections of Oak Creek Drive, and the Mitchell Lake Courts are all in excellent condition, and no rehabilitation is recommended at this time. However, as these pavements reach the 8-10 year age mark, they should be scheduled for slurry seal treatment, just to keep them from raveling in the future.

Pavement Management Strategies

As a result of the condition assessment, three management strategies are recommended at this time.

- Strategy No. 1: Overlay of Saddle Creek Drive. The cost of this item consists of:
 - a. 1-1/2" AC overlay;
 - b. Wedge cutting along the edge of pavement;
 - c. Petromat reinforcing fabric over the existing roadway;
 - d. Striping.

Total Estimated Cost:

\$137,300

- Strategy No. 2: Slurry Seal of Oak Creek Drive, Hawkridge Court, and side streets. The Cost of this item consists of:
 - a. Polymer-modified Asphalt Slurry Seal (PASS);
 - b. Striping.

Total Estimated Cost

\$45,376

- Strategy No 3: Slurry Seal of remainder of development in 2008/2009:
 - a. PASS;
 - b. Striping.

Total Estimated Cost

\$89,972

It should be noted that these are budgeting figures, and cost estimates may vary from time to time. Prices are lower in the spring and the beginning of the summer, and are going to be higher in late fall as contractors fill up their bid quotas.

Summary and Conclusions

In summary, the pavements at Saddle Creek, although generally in good to excellent condition, need to be maintained. At this point in time the maintenance costs are reasonable and can be managed with proper planning. Proper planning and budgeting is the heart of good pavement management program. However, if the planned maintenance is not done, then the roadway system deteriorates to an unacceptable condition. This

adds immensely to the cost of repair. Now is the time to perform that maintenance if the CSD expects to keep the cost of its program to a reasonable range.

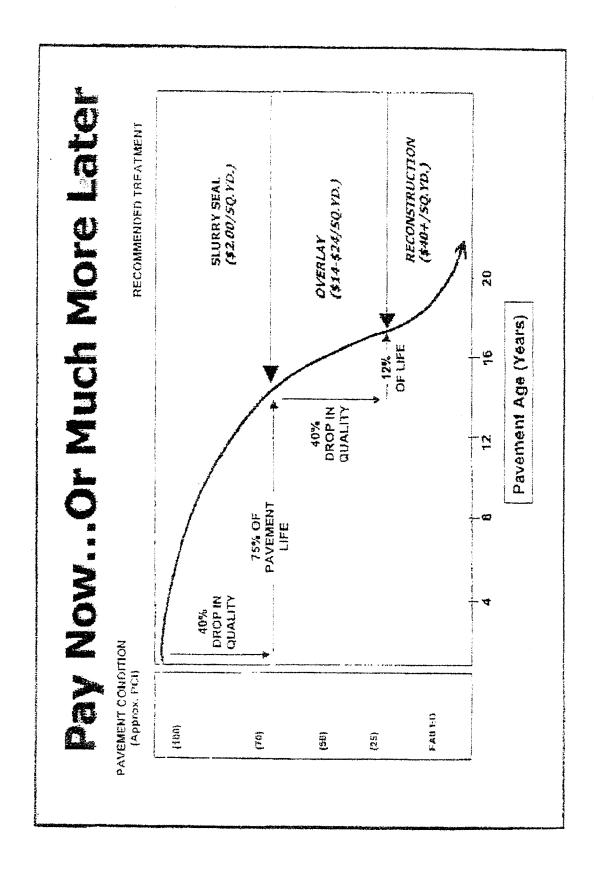
The key time frame for reacting to any maintenance program is at the 7-10 year span of the pavement's life. Most of the earlier roadways in the Saddle Creek Subdivision fall into that category. As this development continues to grow, the larger amount of cars and trucks using the two major streets (Saddle Creek Drive, Hawkridge Court, and Oak Creek Drive) will increase the rate of deterioration of the pavement.

The summer months are the best time to do this kind of work, because paving is subject to limitations on the air temperature (usually air temperatures of 70 degrees and rising are the required criteria). Therefore, the decision cannot be made to put this decision off until the winter.

Finally, the best pavement management program includes periodic resurveying of the streets approximately every five years. CSD staff is also encouraged to monitor the streets throughout the year to keep an eye on problem areas and conditions that might have changed since the last PCI inspection. Included in this report is a copy of the "Pavement Condition Index, Distress Identification Manual for Asphalt and Surface Treatment Pavements", published by the Metropolitan Transportation Commission. This document may assist staff in doing this annual inspection.

ATTACHMENT 1: PAVEMENT LIFE CYCLE

STRATEGY



Peter Rei

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i de	Section ID	Road Name	Begin Location	End Location	PCI Date				5			
010		₹.		20	5/14/2016	0	54	5 5	54	0.00	100.00	
000		RI HE OAK COURT	Janut. 10	30	5/14/2016	0	34	8	34	39.29	57.15	3.56
030		BLIE OAK COIRT	20	40	5/14/2016	0	52	25	25	0.00	100.00	0.00
200		BLUE OAK COURT	8 8	20	5/14/2016	0	52	52	25	0.00	100.00	0.00
050		BI HE OAK COURT	040	COURT	5/14/2016	0	54	54	54	0.00	100.00	0.00
3 8	COURT	BLUE OAK COURT	20	END	5/14/2016	0	52	25	25	1.09	97.83	1.09
010		COPPER GLEN COURT	INTX SADDLE CREEK LANE	20	5/14/2016	0	09	09	09	32.73	67.27	0.00
S	COURT	COPPER GLEN COURT	10	END	5/14/2016	0	49	49	49	25.83	60.77	13.40
010		COPPER GLEN TERRACE	INTX SADDLE CREEK LANE	20	5/14/2016	0	69	69	69	55.48	43.41	1.12
000		COPPER GI EN TERRACE	10	30	5/14/2016	0	20	20	20	0.70	98.61	0.70
020		COPPER GIEN TERRACE	20	40	5/14/2016	0	56	92	56	0.00	100.00	0.00
8 8		COPPER GIEN TERRACE	30	20	5/14/2016	0	20	50	50	0.42	99.16	0.42
2 0		CODDED GLEN TERRACE	÷ •	COURT	5/14/2016	0		61	. 19	0.00	100.00	0.0
3 8	COLIRT	COPPER GIEN TERRACE	20 20	END	5/14/2016	0	22	22	25	6.10	. 87.81	6.10
1		ENTEN BOAD IN	NHO! HILLI	SECTION 20	5/14/2016	0	54	54	54	0.00	100.00	0.0
Š	•		SOUTHBOUND INTO RESORT									
010	6	ENTRY ROAD IN	LITTLE JOHN	SECTION 10	5/14/2016	0	2	64	64	0.00	100.00	0.0
000		ENTRY ROAD IN	SECTION 10	GATE	5/14/2016	0	83	83	83	0.00	100.00	0.00
200		ENTRY ROAD OUT	GATE	SECTION 20	5/14/2016	0	64	64	64	00.00	100.00	0.0
		ENTRY ROAD OUT	SECTION 10	LITTLE JOHN	5/14/2016	0	83	83	83	00.00	100.00	0.00
030		ENTRY ROAD OUT	SECTION 10	RIGHT ONTO	5/14/2016	0	83	83	83	00:0	100.00	0.0
010	0	FALCON COURT	INTX HAWKRIDGE DRIVE	COURT	5/14/2016	0	54	2 5	5	0.00	100.00	0.0
Ç	COURT	FALCON COURT	010	END	5/14/2016	0	54	54	72	0.41	99.17	0.41
010		FALLING LEAF LANE	INTX OAK CRREK DRIVE		5/14/2016	0	8	25	18	1.37	97.25	1.37
020		FALLING LEAF LANE	10	30	5/14/2016	0	81	₩.	8	0.00	100.00	0.0
030		FALLING LEAF LANE	50	40	5/14/2016	0	81	84	<u>8</u>	1.51	96.98	1.51
040		FALLING LEAF LANE	30	20 20	5/14/2016	0	8	2	81	0.00	100.00	0.00
050	0	FALLING LEAF LANE	40	09	5/14/2016	0	81	8	<u>&</u>	0.00	100.00	0.00
080		FALLING LEAF LANE	20	70	5/14/2016	0	6/	42	79	3.48	93.03	3.48
070		FALLING LEAF LANE	09	80	5/14/2016	0	81	8	8	0.00	100.00	0.0
080		FALLING LEAF LANE	20	06	5/14/2016	0	.	8	81	1.68	96.65	1.68
¦ ၓ	COURT	FALLING LEAF LANE	08	END	5/14/2016	0	84	81	8	2.56	94.88	2.56
010	0	FLAGSTONE COURT	INTX OAK CREEK	COURT	5/14/2016	0	89	89	89	67.52	32.48	800
	COURT	FLAGSTONE COURT	010	END	5/14/2016	•	54	54	54	1.03	97.94	1.03

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Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
GRVC	010	GRANDVIEW COURT	INTX OAK CREEK DRIVE	COURT	5/14/2016	0	11	11	12	0.00	100.00	0.00
GRVC	COURT	GRANDVIEW COURT	010	END	5/14/2016	0	73	73	73	76.7	84.07	7.97
OSC	010	GLEN SIDE COURT	INTX SADDLE CREEK LANE	20	5/14/2016	0	8	18	18	1.41	97.18	1.41
esc	020	GLEN SIDE COURT	10	30	5/14/2016	0	81	25	8	0.00	100.00	00.0
CSC	030	GLEN SIDE COURT	20	40	5/14/2016	0	8	84	81	1.51	96.98	1.51
csc	040	GLEN SIDE COURT	30	20	5/14/2016	0	81	8	8	0.00	100.00	0.00
esc	020	GLEN SIDE COURT	40	09	5/14/2016	0	81	81	81	1.51	96.98	1.51
esc	090	GLEN SIDE COURT	90	COURT	5/14/2016	0	81	8	81	0.00	100.00	00.0
CSC	COURT	GLEN SIDE COURT	90	END	5/14/2016	0	80	80	80	0.00	100.00	00.0
GSTC	010	GREENSTONE COURT	INTX OAK CREEK DRIVE	20	5/14/2016	0	25	54	54	0.00	100.00	00.0
GSTC	020	GREENSTONE COURT	10	30	5/14/2016	0	46	46	46	15.38	69.25	15.38
GSTC	COURT	GREENSTONE COURT	020	END	5/14/2016	0	54	\$	\$	1.24	97.52	1.24
GVC	010	GLEN VIEW COURT	INTX SADDLE CEEK LANE	20	5/14/2016	0	29	59	59	0.84	98.32	0.84
GVC	020	GLEN VIEW COURT	10	30	5/14/2016	0	73	73	73	0.00	100.00	0.00
GVC	030	GLEN VIEW COURT	20	40	5/14/2016	0	73	73	73	0.00	100.00	0.00
GVC	040	GLEN VIEW COURT	30	50	5/14/2016	0	11	11	11	00'0	97.58	2.42
GVC	020	GLEN VIEW COURT	40	COURT	5/14/2016	0	61	61	61	1.01	97.99	1.01
GVC	COURT	GLEN VIEW COURT	20	END	5/14/2016	0	99	99	99	00.0	100.00	0.00
HRC	010	HAWKRIDGE COURT	INTX HAWKRIDGE DRIVE	020	5/14/2016	0	83	83	83	0.00	100.00	0.00
HRC	020	HAWKRIDGE COURT	010	030	5/14/2016	0	83	. 88	83	0.00	100.00	0.00
HRC	030	HAWKRIDGE COURT	020	040	5/14/2016	0	82	82	82	2.19	95.63	2.19
HRC	040	HAWKRIDGE COURT	030	COURT	5/14/2016	0	81	€	81	14.27	71.47	14.27
HRC	COURT	HAWKRIDGE COURT	040	END	5/14/2016	0	82	82	82	1.79	96.43	1.79
HRD	010	HAWKRIDGE DRIVE	END CUL-DE-SAC AT OAK WOOD PI ACF	020	5/14/2016	0	83	83	83	0.00	100.00	0.00
HRD	020	HAWKRIDGE DRIVE	010	030	5/14/2016	0	83	83	83	0	100 00	0
HRD	030	KNOLLS COURT	020	040	5/14/2016	0	83	83	: 23	0.00	100.00	0:00
HRD	040	HAWKRIDGE DRIVE	030	050	5/14/2016	0	83	83	83	0.00	100.00	0.00
HRD	050	HAWKRIDGE DRIVE	040	090	5/14/2016	0	82	82	82	0.00	100.00	0.00
HRD	090	HAWKRIDGE DRIVE	050	070	5/14/2016	0	8	8	81	5.97	88.07	5.97
HRD	070	HAWKRIDGE DRIVE	090	080	5/14/2016	0	82	82	82	3.15	93.71	3.15
HRD	080	HAWKRIDGE DRIVE	020	060	5/14/2016	0	82	82	82	2.16	95.68	2.16
HRD	060	HAWKRIDGE DRIVE	080	100	5/14/2016	0	84	81	81	8.24	83.51	8.24
HRD	100	HAWKRIDGE DRIVE	060	110	5/14/2016	0	83	83	83	0.00	100.00	0.00
HRD	110	HAWKRIDGE DRIVE	100	120	5/14/2016	0	82	82	82	2.19	95.63	2.19
HRD	120	HAWKRIDGE DRIVE	110	1303	5/14/2016	0	8	81	81	6.32	87.35	6.32
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HRD 130 HRD 150 HRD 150 HRD 160 HRD 170 HRD 190 HRD 200 HRD 200 HRD 200	430				The second secon			the second of the second of the second	人名英格兰 中 人名德里尔			
130 140 150 170 180 190 200 210 220			120	140	5/14/2016	0	83	83	83	0.00	100.00	0.00
150 150 170 180 190 200 210 220		HAWKINGS DRIVE	130	150	5/14/2016	0	83	83	83	0.00	100.00	0.00
200 200 200 200 200 220		HAMMED CE DENVE	140	160	5/14/2016	0	84	81	84	5.22	89.57	5.22
200 200 200 200 200 220			150	170	5/14/2016	0	83	83	83	00.0	100.00	0.00
200 200 210 210 220		HAWKINGE DAIVE	160	180	5/14/2016	0	8	81	8	7.32	85.37	7.32
200 200 210 220		HAWKINGE DRIVE	170	190	5/14/2016	0	83	83	83	0.00	100.00	0.00
200 200 210 220		HAWKRIDGE DRIVE	180	200	5/14/2016	0	18	84	81	8.24	83.51	8.24
200 210 220		HAVINGE DRIVE	£ 5	210	5/14/2016	0	79	79	6.2	3.48	93.03	3.48
220 220			300	220	5/14/2016	0	8	81	81	2.97	88.07	5.97
077		HAWKRIDGE DRIVE	240	900	5/14/2016	0	83	83	83	0.00	100.00	0.00
		HAWKNIDGE DRIVE	220	240	5/14/2016	0	6/	79	62	10.20	79.61	10.20
240		HAWKRINGE DRIVE	230	250	5/14/2016	0	83	83	85	0.00	100.00	0.00
250		HAWKRIDGE DRIVE	240	260	5/14/2016	0	83	83	83	0.00	100.00	0.00
007			250	270	5/14/2016	0	8	81	81	5.28	89.44	5.28
220		HAWKRIDGE DRIVE	260	280	5/14/2016	0	81	8	8	7.32	85.37	7.32
280		HAWKRIDGE DRIVE	270	290	5/14/2016	0	88	83	83	0.00	100.00	0.00
290		HAWKRIDGE DRIVE	280	300	5/14/2016	0	83	83	83	0.00	100.00	0.00
300		HAWKRIDGE DRIVE	290	310	5/14/2016		82	82	85	0.00	100.00	0.00
340		HAWKRIDGE DRIVE	300	320	5/14/2016	0	83	83	83	0.00	100.00	0.0
320		HAWKRIDGE DRIVE	310	330	5/14/2016	0	8	8	8	7.08	85.84	7.08
330		HAWKRIDGE DRIVE	320	340	5/14/2016	0	83	83	83	0.00	100.00	0.00
340		HAWKRIDGE DRIVE	330	350	5/14/2016	0	84	8	84	15.63	68.75	15.63
350		HAWKRIDGE DRIVE	340	360	5/14/2016	0	8	84	. 8	5.10	89.79	5.10
000		HAWKRIDGE DRIVE	350	370	5/14/2016	0	83	8	83	0.00	100.00	0.00
920		HAWKRIDGE DRIVE	360	380	5/14/2016	٥	83	83	83	0.00	100.00	0.00
000		TONG TOOM NAMED IN THE PROPERTY OF THE PROPERT	370	390	5/14/2016	0	83	83	83	0.00	100.00	0.00
000	**		380	400	5/14/2016	0	65	65	99	1.94	96.13	1.94
390		HAMKRIDGE DRIVE	390	380	5/14/2016	0	40	40	40	36.12	62.11	1.78
004			400	420	5/14/2016	0	5	54	54	0.00	100.00	0.00
014		HAVVANIDGE DAIVE	410	430	5/14/2016	0	5	54	54	0.00	100.00	0.00
420			420	440	5/14/2016	0	25	25	25	6.34	87.32	6.34
450			430	450	5/14/2016	0	53	53	53	00.0	100.00	0.00
440			440	460	5/14/2016	0	40	40	40	37.61	60.64	1.76
450			24.5	470	5/14/2016	0	25	52	52	25.15	74.34	0.52
460		HAWKRIDGE DRIVE	460	480	5/14/2016	0	54	25	54	00.0	100.00	0.00
0.4		HAWKRIDGE DRIVE	470	FND	5/14/2016	0	42	42	42	33.67	66.33	0.00
480		MAWARINGE DRIVE	INTY KNO! 3 S	200	5/14/2016		29	. 67	29	22.71	73.51	3.78
		NNOLLS COOK!	DRIVE								;	
000		KNOLLS COURT	010	030	5/14/2016	0	72	72	72	22.36	77.64	0.00
030		KNOLLS COURT	020	040	5/14/2016	0	99	89	89	33.49	61.34).T.c
040		KNOLLS COURT	030	050	5/14/2016	0	75	75	75	10.50	79.00	10.50
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Criteria:

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S S S		Road Name	Begin Location	End Location	PCI Date	Before	Affer	DCI High) I O O	Dot I and	100	100
0.6	020	KNOLLS COURT	040	090	5/14/2016	-	82	78	22	י כר ביסמר	100.00	
	090	KNOLLS COURT	020	COURT	5/14/2016		2 α	0 0	0 0	0.00	100.00	0.00
3	COURT	KNOLLS COURT	090	END .	5/14/2016		2 6	0 0	0 (9	0.00	100.00	0.00
ð	030	KNOLLS DRIVE	020/021	040	E/44/2046	• •	3 3	3 2	8 1	40.53	50.36	3.12
Q	040	KNOLIS DBIVE	030	2 0	0/14/2010	o (i i	C C	51	7.47	85.06	7.47
! ⊊	0.50	CALCELO DINAL	030	nen :	5/14/2016	0	72	75	75	0.00	100.00	0.00
9 9	060	KNOLLS DRIVE	040	090	5/14/2016	0	79	6/	79	13.09	73.81	13.09
a /	000	KNOLLS DRIVE	050	070	5/14/2016	0	79	6/	62	11.95	76.09	11.95
Đ.	070	KNOLLS DRIVE	090	080	5/14/2016	0	63	63	63	46.45	53.55	000
9	080	KNOLLS DRIVE	070	060	5/14/2016	0	<u>8</u>	81	81	000	100 00	00.0
ð	060	KNOLLS DRIVE	080	100	5/14/2016	0	62	62	5 Z	000	100.00	8 6
ð	100	KNOLLS DRIVE	060	110	5/14/2016	0	74	24	2 7	10.87	78.76	6.90
ð	110	KNOLLS DRIVE	100	120	5/14/2016	0	92	. 2	. 22	11.66	76.68	11.66
ð	120	KNOLLS DRIVE	110	130	5/14/2016	0	81	28	. 18	000	100.00	800
9	130	KNOLLS DRIVE	120	140	5/14/2016	0	26	2	. .		100.00	00.0
ð	140	KNOLLS DRIVE	130	150	5/14/2016	0	11	; Ł		12.23	75 54	2, 2,
Ð	150	KNOLLS DRIVE	140	160	5/14/2016	c	62	: 62	. 02	08.0	5.5	2.27
ξĐ	160	KNOLLS DRIVE	150	170	5/14/2016	0	22	2 2	2 2	16.90	66.30	9.30
Q	170	KNOLLS DRIVE	160	180	5/14/2016	0	8	81	. 18		100 00	8.0
8	180	KNOLLS DRIVE	170	190	5/14/2016	0	. 2	. 18	. 8	00.0	100.00	00.0
ð	190	KNOLLS DRIVE	180	200	5/14/2016	0	8	. 20	. 2	000	100.00	00.0
ξĐ	200	KNOLLS DRIVE	190	210	5/14/2016	0	11	77	11	12.24	75.51	12.24
9 :	210	KNOLLS DRIVE	200	220	5/14/2016	0	81	81	81	0.00	100.00	00.0
Q !	220	KNOLLS DRIVE	210	230	5/14/2016	0	4	25	49	18.60	62.80	18.60
Q (230	KNOLLS DRIVE	220	240	5/14/2016	0	84	81	8	0.00	100.00	0.00
Q 9	240	KNOLLS DRIVE	230	250	5/14/2016	0	11	77	77	12.23	75.54	12.23
2 §	250	KNOLLS DRIVE	240	260	5/14/2016	0	79	62	79	0.00	100.00	0.00
Q (760	KNOLLS DRIVE	250	270	5/14/2016	0	81	81	81	0.00	100.00	0.00
Q (270	KNOLLS DRIVE	260	280	5/14/2016	0	81	81	81	00.00	100.00	0.00
Ð 9	280	KNOLLS DRIVE	270	290	5/14/2016	0	78	78	78	15.24	69.52	15.24
2 9	290	KNOLLS DRIVE	280	300	5/14/2016	0	79	79	62	12.97	74.06	12.97
2 5	300	KNOLLS DRIVE	290	310	5/14/2016	0	71	71	7.	15.79	68.43	15.79
	310	KNOLLS DRIVE	300	320	5/14/2016	0	81	81	81	0.00	100.00	0.00
2 9	320	KNOLLS DRIVE	310	330	5/14/2016	0	79	62	79	13.36	73.28	13.36
2 9	330	KNOLLS DRIVE	320	310	5/14/2016	0	62	79	6/	8.89	82 21	888
2 9	340	KNOLLS DRIVE	330	350	5/14/2016	0	81	8	81	0.00	100.00	00.0
2 <u>9</u>	350	KNOLLS DRIVE	340	360	5/14/2016	0	84	81	81	0.00	100.00	00 0
	360	KNOLLS DRIVE	350	370	5/14/2016	0	78	78	78	12.42	75.16	12.42
2 9	370	KNOLLS DRIVE	360	380	5/14/2016	0	9/	76	76	10.62	78.76	10.62
Q !	380	KNOLLS DRIVE	370	390	5/14/2016	0	78	78	28	00.0	100.00	70:00
Đ	390	KNOLLS COURT	380	400	5/14/2016	0	83	18	. 6		00.001	9.

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PCI Calculation - Summary

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Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
	400	KNOLLS DRIVE	390	410	5/14/2016	0	81	18		0.00	100.00	0.00
9 5	410	KNOLLS DRIVE	40	420	5/14/2016	0	92	92	92	11.66	76.68	11.66
2 9	420	KNOLLS DRIVE	410	430	5/14/2016	0	78	. 82	78	10.97	78.05	10.97
Ş	430	KNOLLS DRIVE	420	440	5/14/2016	0	75	75	75	11.39	77.23	11.39
9 9	440	KNOLLS DRIVE	430	450	5/14/2016	0	11	11	11	12.32	75.36	12.32
S S	450	KNOLLS DRIVE	440	460	5/14/2016	0	78	28	78	5.51	88.98	5.51
2 9	460	KNOLLS COURT	450	470	5/14/2016	0	89	89	68	35.78	59.62	4.60
Q	470	KNOLLS DRIVE	460	INTX KNOLLS DRIVE	5/14/2016	0	26	18	18	0.00	100.00	0.00
KDIN	010	KNOLLS DRIVE	INTX OAK CREEK ROAD	20	5/14/2016	0	63	63	63	35.92	63.32	0.76
KDIN	020	KNOLLS DRIVE	10	30	5/14/2016	0	74	74	74	0.00	100.00	0.00
KDOUT	011	KNOLLS DRIVE	INTX OAK CREEK DRIVE	021	5/14/2016	0	99	99	99	16.03	67.93	16.03
KDOUT	021	KNOLLS DRIVE	10	30	5/14/2016	0	11	11	11	0.00	100.00	0.00
CC	010	LEAF CREST COURT	INTX OAK CREEK DRIVE	20	5/14/2016	0	81	18	18	0.00	100.00	0.00
991	020	LEAF CREST COURT	10	30	5/14/2016	0	82	82	82	0.00	100.00	0.00
227	030	LEAF CREST COURT	20	40	5/14/2016	0	81	81	81	5.28	89.44	5.28
201	040	LEAF CREST COURT	30	COURT	5/14/2016	0	83	83	83	0.00	100.00	0.00
331	COURT	LEAF CREST COURT	040	END	5/14/2016	0	81	81	81	4.60	90.80	4.60
MLC	010	MITCHELL LAKE COURT	INTX MITCHELL LAKE LANE	20	5/14/2016	0	76	76	76	17.60	64.79	17.60
υ Ε	020	MITCHELL LAKE COURT	10	30	5/14/2016	0	11	22	11	5.97	88.06	5.97
O IM	030	MITCHELL LAKE COURT	20	40	5/14/2016	0	73	73	73	0.00	100.00	0.00
N C	040	MITCHELL LAKE COURT	30	COURT	5/14/2016	0	72	72	72	5.50	88.99	5.50
MIC	COURT	MITCHELL LAKE COURT	040	END	5/14/2016	0	73	73	73	7.33	85.34	7.33
MLR	010	MITCHELL LAKE LANE	INTX OAK CREEK ROAD	20	5/14/2016	0	72	72	72	5.52	88.96	5.52
MER	020	MITCHELL LAKE LANE	5	30	5/14/2016	0	9/	9/	76	0.00	100.00	00.0
MIR	030	MITCHELL LAKE LANE	50	40	5/14/2016	0	79	79	79	0.00	100.00	0.00
MLR	040	MITCHELL LAKE LANE	30	50	5/14/2016	0	75	75	75	11.26	77.48	11.26
MIR	020	MITCHELL LAKE LANE	40	COURT	5/14/2016	0	46	46	46	55.05	44.95	00.0
MLR	COURT	MITCHELL LAKE LANE	90	END	5/14/2016	0	71	71	71	26.79	67.70	5.51
MWC	010	MOSSY WOODS COURT	INTX KNOLLS DRIVE	020	5/14/2016	0	25	84	<u>∞</u>	0.00	100.00	0.00
C/9W4	020	MOSSY WOODS COURT	010	030	5/14/2016	0	11	11	77	8.15	83.71	8.15
NAMA!	030	MOSSY WOODS COURT	020	COURT	5/14/2016	0	72	72	72	0.00	100.00	0.00
OWW.	COURT	MOSSY WOODS COURT	030	END	5/14/2016	0	6/	79	6/	14.94	70.12	14.94
200	010	OAK CREEK DRIVE	END	20	5/14/2016	0	82	82	82	0.00	100.00	0.00
300	020	OAK CREEK DRIVE	5	30	5/14/2016	0	82	82	82	0.00	100.00	0.00
OCD	030	OAK CREEK DRIVE	20	40	5/14/2016	0	8	81	81	3.16	93.68	3.16

Criteria:

MTC StreetSaver

MTC StreetSaver

6 SS1016

PCI Calculation - Summary

Peter Rei

Printed: 06/07/2016

STATE IDEAL Section ID Acade Mane Begin Location Foll Location </th <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>S</th> <th>D</th> <th></th> <th></th> <th></th> <th></th> <th></th>							S	D					
0400 OAK CREEK RANEL 30 514/2016 0 72 72 72 600 OAK CREEK RANEL 400 OAK CREEK RANEL 400 OAK CREEK RANEL 400 514/2016 0 72	Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
050 OWK CREEK DRIVE 40 60 61442016 7 7 7 7 7 7 34 89.2 070 OWK CREEK DRIVE 50 70 91442016 0 71 71 72 73 534 89.2 070 OWK CREEK DRIVE 70 70 71 7 7 7 7 73 73 73 73 70 <	ОСО	040	OAK CREEK DRIVE	30	20	5/14/2016	0	81		81	0.00	100.00	0.00
000 OMA CREEK DRIVER 50 70 514/2016 6 61<	ОСО	090	OAK CREEK DRIVE	40	90	5/14/2016	0	72	72	72	5.34	89.32	5.34
070 OMA CREEK DRIVER 0 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 514/2016 0 <td>ОСО</td> <td>090</td> <td>OAK CREEK DRIVE</td> <td>20</td> <td>70</td> <td>5/14/2016</td> <td>0</td> <td>81</td> <td>81</td> <td>81</td> <td>0.00</td> <td>100.00</td> <td>0.00</td>	ОСО	090	OAK CREEK DRIVE	20	70	5/14/2016	0	81	81	81	0.00	100.00	0.00
0800 OMA CREEK DRIVE 70 90 574/2016 7 7 7 73 35.9 63.16 110 OMA CREEK DRIVE 80 100 574/2016 0 73 73 35.9 63.16 110 OMA CREEK DRIVE 100 27 574/2016 0 73 73 35.9 62.91 110 OMA CREEK DRIVE 110 150 27 73 73 35.9 62.91 110 OMA CREEK DRIVE 110 150 27 73 73 85.9 62.93 62.91 140 OMA CREEK DRIVE 140 150 27/42016 0 73 73 85.9 62.9	OCD	020	OAK CREEK DRIVE	09	80	5/14/2016	0	81	81	81	1.44	97.12	1.44
0900 OMAC CREEK DRIVE 80 110 SHAZDIS 0 91 70 100 OMAC CREEK DRIVE 80 110 SHAZDIS 0 81 81 81 0.00 100 100 100 100 0 10 81 81 81 0.00 100	000	080	OAK CREEK DRIVE	70	06	5/14/2016	0	78	78	78	3.42	93.16	3.42
100 OAK CREEK DRIVE 100 514,0216 0 778 778 52.81 1100 OAK CREEK DRIVE 110 514,0216 0 779 779 750 60.00 120 OAK CREEK DRIVE 110 140 514,0276 0 779 779 68.85 86.29 140 OAK CREEK DRIVE 110 140 140 514,0276 0 779 779 68.85 86.29 140 OAK CREEK DRIVE 120 140 170 779 779 779 68.85 86.29 110 OAK CREEK DRIVE 170 140 170 779 779 779 68.95 86.95 86.29 86.29 86.29 110 OAK CREEK DRIVE 170 170 174,0276 0 171 77 77 77 77 77 77 77 77 77 77 77 77 77 77 77 77 77 77	Ω 000.	060	OAK CREEK DRIVE	80	100	5/14/2016	0	81	81	81	0.00	100.00	00.0
110 OAK CREEK DRIVE 100 20 51/42016 0 81 91 0.00 100.00 130 OAK CREEK DRIVE 100 120 51/42016 0 83 83 80 90 100.00 130 OAK CREEK DRIVE 120 140 51/42016 0 83 83 83 80 90 100.00 1190 OAK CREEK DRIVE 150 170 51/42016 0 83 83 83 80 100.00 100.00 1190 OAK CREEK DRIVE 150 170 51/42016 0 83 <td< td=""><td>οcρ</td><td>100</td><td>OAK CREEK DRIVE</td><td>06</td><td>110</td><td>5/14/2016</td><td>0</td><td>79</td><td>62</td><td>62</td><td>3.59</td><td>92.81</td><td>3.59</td></td<>	οcρ	100	OAK CREEK DRIVE	06	110	5/14/2016	0	79	62	62	3.59	92.81	3.59
120 OMA CREEK DRIVE 110 150 SH42016 0 73 73 685 682	000	110	OAK CREEK DRIVE	100	20	5/14/2016	0	8	81	81	0.00	100.00	0.00
130 OMA CREEK DRIVE 120 140 SF142D16 0 23 63 0.00 100 100 140 OMA CREEK DRIVE 140 574,42016 0 73 68 0.00 100 0 73 73 60 100 <td>000</td> <td>120</td> <td>OAK CREEK DRIVE</td> <td>110</td> <td>130</td> <td>5/14/2016</td> <td>0</td> <td>79</td> <td>62</td> <td>79</td> <td>6.85</td> <td>86.29</td> <td>6.85</td>	000	120	OAK CREEK DRIVE	110	130	5/14/2016	0	79	62	79	6.85	86.29	6.85
140 OAK CREEK DRIVE 130 150 Siy42016 0 73 73 76 665 86.29 150 OAK CREEK DRIVE 140 160 Siy442016 0 73 73 79 66 86.29 86.24 150 OAK CREEK DRIVE 140 170 Siy42016 0 83 83 0.00 100.00 150 OAK CREEK DRIVE 180 20 814,42016 0 83 83 0.00 100.00 150 OAK CREEK DRIVE 180 20 814,42016 0 81 81 81 6.00 100.00 210 OAK CREEK DRIVE 180 20 814,42016 0 81 81 83 9.00 100.00 210 OAK CREEK DRIVE 180 20 814,42016 0 81 81 81 80 9.00 100.00 220 OAK CREEK DRIVE 180 20 814,42016 0 81 8	000	130	OAK CREEK DRIVE	120	140	5/14/2016	0	83	83	83	0.00	100.00	0.00
150 OAK CREEK DRIVE 140 150 51/42016 0 79 79 779 789 827.4 150 OAK CREEK DRIVE 150 170	ОСО	140	OAK CREEK DRIVE	130	150	5/14/2016	0	79	79	79	6.85	86.29	6.85
190 OAK CREEK DRIVE 150 170 5142016 6 63 63 63 63 60 1000 190 OAK CREEK DRIVE 150 190 5142016 0 81 81 83 80 0.00 10000 190 OAK CREEK DRIVE 180 200 5142016 0 81 81 81 60 1000 200 OAK CREEK DRIVE 180 200 5142016 0 81 81 81 60 90 90 210 OAK CREEK DRIVE 190 220 5142016 0 81 81 81 80 90 90 220 OAK CREEK DRIVE 210 220 5142016 0 81 81 81 80 90 <td< td=""><td>ОСД</td><td>150</td><td>OAK CREEK DRIVE</td><td>140</td><td>160</td><td>5/14/2016</td><td>0</td><td>42</td><td>62</td><td>62</td><td>8.63</td><td>82.74</td><td>8.63</td></td<>	ОСД	150	OAK CREEK DRIVE	140	160	5/14/2016	0	42	62	62	8.63	82.74	8.63
170 OAK CREEK DRIVE 160 180 \$6142016 0 81 81 81 81 81 82 894 180 OAK CREEK DRIVE 170 190 \$6142016 0 81 81 81 61 900 10000 200 OAK CREEK DRIVE 180 200 \$6142016 0 81 81 81 81 80 10000 200 OAK CREEK DRIVE 220 \$62 \$61 81 81 81 80 90 90 200 OAK CREEK DRIVE 220 \$62 \$61 86 86 86 90	ОСО	160	OAK CREEK DRIVE	150	170	5/14/2016	0	83	83	83	0.00	100.00	0.00
199 OAK CREEK DRIVE 170 190 6/14/2016 0 83 83 83 83 0.00 100.00 199 OAK CREEK DRIVE 180 200 6/14/2016 0 81 81 81 4.98 90.04 210 OAK CREEK DRIVE 180 210 6/14/2016 0 81 81 81 85.1 90.04 210 OAK CREEK DRIVE 220 6/14/2016 0 81 81 81 85.1 90.04 220 OAK CREEK DRIVE 220 6/14/2016 0 86 86 86 10.00 100.00 230 OAK CREEK DRIVE 230 250 6/14/2016 0 86 86 10.00 100.00 230 OAK CREEK DRIVE 230 270 6/14/2016 0 87 36 10.00 100.00 230 OAK CREEK DRIVE 230 270 6/14/2016 0 87 36 86 10.00	OCD	170	OAK CREEK DRIVE	160	180	5/14/2016	0	81	81	81	5.28	89.44	5.28
190 OAK CREEK DRIVE 180 200 614/2016 0 61	ОСО	180	OAK CREEK DRIVE	170	190	5/14/2016	0	83	83	83	0.00	100.00	0.00
200 OAK CREEK DRIVE 190 210 61442016 0 61	OCD	190	OAK CREEK DRIVE	180	200	5/14/2016	0	81	81	81	4.98	90.04	4.98
210 OAK CREEK DRIVE 200 230 614/2016 0 81 81 81 616 616 81 81 81 616 81 <th< td=""><td>OCD</td><td>200</td><td>OAK CREEK DRIVE</td><td>190</td><td>210</td><td>5/14/2016</td><td>0</td><td>81</td><td>81</td><td>81</td><td>2.05</td><td>95.89</td><td>2.05</td></th<>	OCD	200	OAK CREEK DRIVE	190	210	5/14/2016	0	81	81	81	2.05	95.89	2.05
220 OAK CREEK DRIVE 210 220 614/2016 0 58 58 58 0.00 100.00 230 OAK CREEK DRIVE 220 240 514/2016 0 56 56 56 56 1.56 96.89 250 OAK CREEK DRIVE 230 250 514/2016 0 47 47 47 11.06 77.87 250 OAK CREEK DRIVE 250 260 514/2016 0 47 47 47 11.06 77.87 250 OAK CREEK DRIVE 250 260 514/2016 0 52 32 32 35.6 51.37 250 OAK CREEK DRIVE 270 270 47 47 47 11.06 77.87 250 OAK CREEK DRIVE 280 30 514/2016 0 52 52 52 52 52 52 52 52 52 52 52 52 52 52 52 52	OCD	210	OAK CREEK DRIVE	200	220	5/14/2016	0	84	81	81	6.75	86.51	6.75
230 OAK CREEK DRIVE 220 544 2016 6142016 6 67 7 7 7 7 400 250 OAK CREEK DRIVE 250 270 270 270 32 32 32 32 32 36 63 4007 7 410 7 410 7 410 410 7 410 <td>OCD</td> <td>220</td> <td>OAK CREEK DRIVE</td> <td>210</td> <td>230</td> <td>5/14/2016</td> <td>0</td> <td>28</td> <td>28</td> <td>58</td> <td>0.00</td> <td>100.00</td> <td>0.00</td>	OCD	220	OAK CREEK DRIVE	210	230	5/14/2016	0	28	28	58	0.00	100.00	0.00
240 OAK CREEK DRIVE 230 260 51442016 0 26 26 26 40 7 46.00 250 OAK CREEK DRIVE 240 280 5142016 0 47 47 11.06 77.87 250 OAK CREEK DRIVE 280 270 5142016 0 47 47 11.06 77.87 270 OAK CREEK DRIVE 280 280 5142016 0 54 54 56 56.3 58.3 58.3 58.3 58.3 58.3 58.3 58.9 61.00 98.00 9	OCD	230	OAK CREEK DRIVE	220	240	5/14/2016	0	26	56	56	1.56	96.89	1.56
250 OAK CREEK DRIVE 240 260 51/42016 0 47 47 47 11.06 77.87 260 OAK CREEK DRIVE 250 270 51/42016 0 34 47 47 11.06 77.87 280 OAK CREEK DRIVE 280 51/42016 0 54 54 54 56 56.37 280 OAK CREEK DRIVE 280 300 51/42016 0 52 52 52 52 56 57.99 300 OAK CREEK DRIVE 280 310 51/42016 0 54 54 54 100 98.00 310 OAK CREEK DRIVE 300 310 51/42016 0 52 52 52 56 59.86 320 OAK CREEK DRIVE 300 51/42016 0 57 77 77 48.17 48.11 330 OAK CREEK DRIVE 330 350 51/42016 0 52 52 52	OCD	240	OAK CREEK DRIVE	230	250	5/14/2016	0	56	26	56	40.07	48.00	11.94
260 OAK CREEK DRIVE 250 27 3144/2016 0 32 32 35 36.52 56.37 270 OAK CREEK DRIVE 260 280 51/4/2016 0 34 34 36 61.31 280 OAK CREEK DRIVE 270 280 51/4/2016 0 54 54 54 10 36 61.31 300 OAK CREEK DRIVE 280 310 51/4/2016 0 54 54 54 100 94.00 310 OAK CREEK DRIVE 280 310 51/4/2016 0 54 54 54 0.00 100.00 320 OAK CREEK DRIVE 320 51/4/2016 0 57 57 2.56 94.84 330 OAK CREEK DRIVE 320 350 51/4/2016 0 52 52 2.56 94.84 340 OAK CREEK DRIVE 330 350 51/4/2016 0 52 52 2.56 5.86	OCD	250	OAK CREEK DRIVE	240	260	5/14/2016	0	47	47	47	11.06	77.87	11.06
270 OAK CREEK DRIVE 260 280 5/14/2016 0 34 34 34 38-69 61.31 280 OAK CREEK DRIVE 270 280 5/14/2016 0 54 54 54 54 54 54 58 69 98.00 380 OAK CREEK DRIVE 280 30 5/14/2016 0 54 54 54 54 59 98.00 310 OAK CREEK DRIVE 280 310 5/14/2016 0 53 53 53 63 67 100.00 320 OAK CREEK DRIVE 320 320 5/14/2016 0 53 53 53 6.00 100.00 330 OAK CREEK DRIVE 330 350 5/14/2016 0 53	000	260	OAK CREEK DRIVE	250	270	5/14/2016	0	32	32	32	35.62	56.37	8.01
280 OAK CREEK DRIVE 270 290 5/14/2016 0 54 54 54 54 100 98.00 290 OAK CREEK DRIVE 280 300 6/14/2016 0 52 52 52 54 96.95 300 OAK CREEK DRIVE 280 310 6/14/2016 0 53 53 53 1,57 96.85 310 OAK CREEK DRIVE 300 320 5/14/2016 0 53 53 53 0.00 100.00 320 OAK CREEK DRIVE 320 340 5/14/2016 0 57 27 48.71 48.41 340 OAK CREEK DRIVE 320 350 5/14/2016 0 52 52 55 59.78 39.88 350 OAK CREEK DRIVE 350 360 5/14/2016 0 53 32 39.92 59.18 360 OAK CREEK DRIVE 360 360 5/14/2016 0 32 32 <t< td=""><td>000</td><td>270</td><td>OAK CREEK DRIVE</td><td>260</td><td>280</td><td>5/14/2016</td><td>0</td><td>34</td><td>8</td><td>8</td><td>38.69</td><td>61.31</td><td>0.00</td></t<>	000	270	OAK CREEK DRIVE	260	280	5/14/2016	0	34	8	8	38.69	61.31	0.00
290 OAK CREEK DRUVE 280 300 5/14/2016 0 52 52 52 52 59 94.99 300 OAK CREEK DRIVE 290 310 5/14/2016 0 54 54 54 54 50 94.99 310 OAK CREEK DRIVE 300 320 5/14/2016 0 53 53 53 50 100.00 320 OAK CREEK DRIVE 320 340 5/14/2016 0 57 27 27 27 2.56 94.88 340 OAK CREEK DRIVE 330 350 5/14/2016 0 52 22 52 2.58 94.88 350 OAK CREEK DRIVE 350 370 5/14/2016 0 53 53 53 53.18 53.18 360 OAK CREEK DRIVE 350 370 5/14/2016 0 54 34 37.16 60.85 380 OAK CREEK DRIVE 350 36 51/4/2016 0<	OCD	280	OAK CREEK DRIVE	270	290	5/14/2016	0	54	54	54	1.00	98.00	1.00
300 OAK CREEK DRIVE 290 310 5/14/2016 0 54 54 54 64 64 100 100 310 OAK CREEK DRIVE 300 320 5/14/2016 0 53 53 53 53 1.57 96.85 320 OAK CREEK DRIVE 310 330 5/14/2016 0 57 57 27 48.77 48.41 330 OAK CREEK DRIVE 320 340 5/14/2016 0 52 52 52 52 56 94.88 340 OAK CREEK DRIVE 340 360 370 5/14/2016 0 52 52 56 94.88 350 OAK CREEK DRIVE 350 370 5/14/2016 0 34 37.16 60.85 380 OAK CREEK DRIVE 360 360 5/14/2016 0 32 32 39.16 59.76 390 OAK CREEK DRIVE 360 400 5/14/2016 0 32	OCD	290	OAK CREEK DRIVE	280	300	5/14/2016	0	25	52	52	2.50	94.99	2.50
310 OAK CREEK DRIVE 300 320 6/14/2016 6 63 60 7	OCD	300	OAK CREEK DRIVE	290	310	5/14/2016	0	54	54	54	0.00	100.00	0.00
320 OAK CREEK DRIVE 310 330 6144/2016 0 53 53 53 0.00 100,00 330 OAK CREEK DRIVE 320 340 6144/2016 0 27 27 27 48.77 48.41 340 OAK CREEK DRIVE 330 360 6144/2016 0 52 52 56 59.18 59.18 350 OAK CREEK DRIVE 350 370 6144/2016 0 53 53 53 59.18 59.18 370 OAK CREEK DRIVE 350 370 5144/2016 0 34 34 37.16 60.85 380 OAK CREEK DRIVE 350 360 5144/2016 0 30 30 40.24 59.16 390 OAK CREEK DRIVE 380 410 5144/2016 0 32 32 32 39.16 59.06 410 OAK CREEK DRIVE 380 40 41 47 47 44.48 44.48 <	OCD	310	OAK CREEK DRIVE	300	320	5/14/2016	0	53	53	53	1.57	96.85	1.57
330 OAK CREEK DRIVE 320 340 5/14/2016 0 27 27 27 48.41 48.41 340 OAK CREEK DRIVE 330 350 5/14/2016 0 52 52 52 59.18 94.88 350 OAK CREEK DRIVE 340 360 5/14/2016 0 53 53 53 59.18 59.18 350 OAK CREEK DRIVE 350 370 5/14/2016 0 34 34 34 37.16 60.85 370 OAK CREEK DRIVE 360 380 5/14/2016 0 30 30 30.16 59.76 380 OAK CREEK DRIVE 380 400 5/14/2016 0 32 32 39.16 59.76 410 OAK CREEK DRIVE 380 410 5/14/2016 0 32 32 39.16 59.30 410 OAK CREEK DRIVE 390 410 410 41 47 47 48.37 50.88	OCD	320	OAK CREEK DRIVE	310	330	5/14/2016	0	23	53	53	0.00	100.00	0.00
340 OAK CREEK DRIVE 350 550 574/2016 0 52 52 52 52 58 94.88 350 OAK CREEK DRIVE 340 360 514/2016 0 53 53 53 59.18 59.18 360 OAK CREEK DRIVE 350 370 514/2016 0 34 34 34 37.16 60.85 370 OAK CREEK DRIVE 360 360 514/2016 0 36 30 37.16 60.85 380 OAK CREEK DRIVE 370 400 514/2016 0 32 32 32 39.16 59.76 400 OAK CREEK DRIVE 380 400 514/2016 0 32 32 39.16 59.90 410 OAK CREEK DRIVE 400 420 514/2016 0 47 47 47 47 47 47 44 420 OAK CREEK DRIVE 420 440 514/2016 0 36	ocn ()	330	OAK CREEK DRIVE	320	340	5/14/2016	0	27	27	27	48.77	48.41	2.82
350 OAK CREEK DRIVE 340 360 514/2016 0 32 32 39.92 59.18 360 OAK CREEK DRIVE 350 370 5714/2016 0 53 53 53 0.00 100.00 370 OAK CREEK DRIVE 360 360 5/14/2016 0 34 34 37.16 60.85 380 OAK CREEK DRIVE 370 400 5/14/2016 0 32 32 32 39.16 59.76 390 OAK CREEK DRIVE 380 400 5/14/2016 0 32 32 32 39.16 59.90 40 OAK CREEK DRIVE 390 410 5/14/2016 0 33 33 39.16 59.90 410 OAK CREEK DRIVE 400 420 5/14/2016 0 47 47 47 47 50.88 420 OAK CREEK DRIVE 420 440 5/14/2016 0 24 24 46.13 59.87	000	340	OAK CREEK DRIVE	330	350	5/14/2016	0	52	52	52	2.56	94.88	2.56
360 OAK CREEK DRIVE 350 370 6/14/2016 0 53 53 53 50 1000 370 OAK CREEK DRIVE 360 380 5/14/2016 0 34 34 34 37.16 60.85 380 OAK CREEK DRIVE 370 400 5/14/2016 0 32 32 32 39.16 59.06 400 OAK CREEK DRIVE 390 410 5/14/2016 0 32 32 32 39.16 59.00 410 OAK CREEK DRIVE 400 420 5/14/2016 0 47 47 47 47 47 47 47 47 48.37 50.88 420 OAK CREEK DRIVE 420 5/14/2016 0 24 24 48.37 50.88 420 OAK CREEK DRIVE 420 5/14/2016 0 36 36 46.13 53.87	OCD	350	OAK CREEK DRIVE	340	360	5/14/2016	0	32	32	32	39.92	59.18	0.90
370 OAK CREEK DRIVE 360 380 5/14/2016 0 34 34 37.16 60.85 380 OAK CREEK DRIVE 370 390 5/14/2016 0 32 32 32 59.76 390 OAK CREEK DRIVE 380 400 5/14/2016 0 32 32 39.16 59.00 400 OAK CREEK DRIVE 390 410 5/14/2016 0 47 47 47 47 47 47 47 47 48.37 50.88 420 OAK CREEK DRIVE 420 5/14/2016 0 24 24 47 47 47 50.88 420 OAK CREEK DRIVE 420 5/14/2016 0 36 36 46.13 53.87	OCD	360	OAK CREEK DRIVE	350	370	5/14/2016	0	53	53	53	00'0	100.00	0.00
380 OAK CREEK DRIVE 370 390 5/14/2016 0 30 30 40.24 59.76 390 OAK CREEK DRIVE 380 400 5/14/2016 0 32 32 32 31.6 59.90 400 OAK CREEK DRIVE 390 410 5/14/2016 0 33 33 38.73 61.27 410 OAK CREEK DRIVE 400 420 5/14/2016 0 47 47 47 25.52 74.48 420 OAK CREEK DRIVE 410 430 5/14/2016 0 24 24 48.37 50.88 430 OAK CREEK DRIVE 420 440 5/14/2016 0 36 36 46.13 53.87	OCD	370	OAK CREEK DRIVE	360	380	5/14/2016	0	8	34	34	37.16	60.85	1.99
390 OAK CREEK DRIVE 380 400 5/14/2016 0 32 32 32 39.16 59.90 400 OAK CREEK DRIVE 390 410 5/14/2016 0 47 47 47 47 25.52 74.48 420 OAK CREEK DRIVE 410 430 5/14/2016 0 24 24 48.37 50.88 430 OAK CREEK DRIVE 420 440 5/14/2016 0 24 24 48.37 50.88	ОСО	380	OAK CREEK DRIVE	370	390	5/14/2016	0	30	30	30	40.24	59.76	0.00
400 OAK CREEK DRIVE 390 410 5/14/2016 0 33 33 38.73 61.27 410 OAK CREEK DRIVE 400 420 5/14/2016 0 47 47 47 25.52 74.48 420 OAK CREEK DRIVE 410 430 5/14/2016 0 24 24 48.37 50.88 430 OAK CREEK DRIVE 420 440 5/14/2016 0 36 36 46.13 53.87	οcο •	390	OAK CREEK DRIVE	380	400	5/14/2016	0	32	32	32	39.16	99.90	0.94
410 OAK CREEK DRIVE 400 420 5/14/2016 0 47 47 25.52 74.48 420 OAK CREEK DRIVE 410 430 5/14/2016 0 24 24 48.37 50.88 430 OAK CREEK DRIVE 420 440 5/14/2016 0 36 36 36 46.13 53.87	OCD	400	OAK CREEK DRIVE	390	410	5/14/2016	0	33	33	33	38.73	61.27	0.00
420 OAK CREEK DRIVE 410 430 5/14/2016 0 24 24 24 48.37 50.88 430 OAK CREEK DRIVE 420 440 5/14/2016 0 36 36 36 46.13 53.87	οςο	410	OAK CREEK DRIVE	400	420	5/14/2016	0	47	47	47	25.52	74.48	0.00
430 OAK CREEK DRIVE 420 440 5/14/2016 0 36 36 36 46.13 53.87	OCD	420	OAK CREEK DRIVE	410	430	5/14/2016	0	24	24	24	48.37	50.88	0.75
	OCD	430	OAK CREEK DRIVE	420	440	5/14/2016	0	36	36	36	46.13	53.87	00.0

Peter Rei

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<u>:</u>	<u>:</u>	7 T	Docite of Continu	Fnd I ocation	PC! Date	PCI Before	After .	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
Street ID	Section ID	Road Name	jii roogi	750	5/14/2016	c		38	38	36.00	61.91	2.09
ОСО	440	OAK CREEK DRIVE	430	450	5/14/2018	, c	8 8	43	43	27.70	72.30	0.00
ОСВ	450	OAK CREEK DRIVE	440	400	014/2010	, ,	2 8	33	33	39.40	59.65	0.95
ОСО	460	OAK CREEK DRIVE	450	470	5/14/2016	> •	3 8	3 8	8 8	42.04	57.96	000
OCD	470	OAK CREEK DRIVE	460	480	5/14/2016	o (07 !	07	2 5	78.7	SB. 03	3.83
ОСО	480	OAK CREEK DRIVE	470	490	5/14/2016	0	43	543	5 ;	20.12	06.07	70.0
COC	200	OAK CREEK DRIVE	490	510	5/14/2016	0	55	55	55	0.00	100.00	0.00
300	510	OAK CREEK DRIVE	200	520	5/14/2016	0	37	37	37	32.19	66.22	1.58
000	200	OAK CREEK DRIVE	510	530	5/14/2016	0	54	54	54	0.00	100.00	0.00
000	320		220	540	5/14/2016	0	54	54	54	0.00	100.00	0.00
OCD	230	OAN CREEN DRIVE	320	550	5/14/2016	0	46	46	46	29.58	70.42	0.00
OCD	540	OAK CREEK DRIVE	0.00	200	5/14/2016		49	49	49	23.32	76.68	00.0
OCD	550	OAK CREEK DRIVE	040	200	5/14/2016		52	52	52	3.78	92.43	3.78
OCD	260	OAK CREEK DRIVE	220	0/0	5/14/2016		1 2	24	54	0.00	100.00	00'0
ОСО	220	OAK CREEK DRIVE	096	200	01142010	o c		33	8	37.14	61.91	0.94
aso	580	OAK CREEK DRIVE	970	080	5/14/2010		3 2	2 62	22	2.35	95.29	2.35
ОСО	290	OAK CREEK DRIVE	280	009	5/14/2016	o (7 6	20 0	1 19	900	100 00	00 0
OCD	009	OAK CREEK DRIVE	290	610	5/14/2016	0	දු ද	6 3	8 8	8.6	00.00	8 6
300	610	OAK CREEK DRIVE	009	620	5/14/2016	0	2			0.00	00:001	9,0
300	620	OAK CREEK DRIVE	610	630	5/14/2016	0	79	62	79	14.16	71.67	14.16
900	020	OAK CBEEK DBIVE	620	640	5/14/2016	0	82	82	82	0.00	100.00	0.00
OCD	930	OAK OPER DRIVE	020	650	5/14/2016	0	8	81	84	0.00	100.00	0.00
OCD	640	OAN CREEN DRIVE	000	980	5/14/2016	0	79	79	79	3.82	92.37	3.82
000	650	OAK CREEK DRIVE	040	000	5/14/2016	· c	99	99	99	0.00	100.00	0.00
OCD	099	OAK CREEK DRIVE	069	0/9	514470046		2 2) (C	89	43.01	56.99	0.00
000	029	OAK CREEK DRIVE	099	080	0/14/2010		3 8	2 6	0,2	3.56	92.89	3.56
ОСБ	089	OAK CREEK DRIVE	029	069	5/14/2016	-	2 3	. o	, g	00.0	100 00	0.00
OCD	069	OAK CREEK DRIVE	089	200	5/14/2016	5	<u>.</u>	- ÷	- 6	S. 6.	96.38	16.87
OCD	200	OAK CREEK DRIVE	069	710	5/14/2016	0	69	69	8 8	70.01 0.00	100.00	50.0
OCD	710	OAK CREEK DRIVE	700	720	5/14/2016	0		5	91	0.00	100.00	9 6
000	720	OAK CREEK DRIVE	710	END	5/14/2016	0	83	83	83	0.00	100.00	0.00
owc	010	OAKWOOD COURT	INTX OAKWOOD	20	5/14/2016	0	83	83	88	90.00	100.00	0.00
		!	PLACE		814470048	c	83	83	83	0.00	100.00	0.00
owc	020	OAKWOOD COURT	10	ος •	3/14/2010		3 8	8 8	8 8	000	100.00	0.00
OWC	030	OAKWOOD COURT	20	40	0/14/2010	> 0	3 8	8 8	8 8	1.32	97.35	1.32
OWC	040	OAKWOOD COURT	30	20	5/14/2016	> •	7 8	7 6	2 8	20.0	100.00	000
OWC	020	OAKWOOD COURT	40	90	5/14/2016	0 (S 0	2 8	8.0	100.00	800
OWC	090	OAKWOOD COURT	20	20	5/14/2016	0	83	20	င္သ	0.00	100.00	8 6
OWC	070	OAKWOOD COURT	09	COURT	5/14/2016	0	82	82	82	0.00	100.00	9.0
OWC	COURT	OAKWOOD COURT	20	END	5/14/2016	0	83	83	83	0.00	100.00	0.00
OWP	010	OAKWOOD PLACE	INTX OAK CREEK	20	5/14/2016	0	83	83	88	0.00	100.001	90.5
	o co	SAMOON BLACE	1 2	30	5/14/2016	0	84	81	81	9.13	81.73	9.13
OWP	OZO	CANWOOD FLACE	2 8	;	5/14/2016	c	92	92	92	0.00	100.00	0.00
OWP	030	OAKWOOD PLACE	50	0	0/4/2010	•	4	-				
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Printed: 06/07/2016

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Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
OWP	040	OAKWOOD PLACE	30	20	5/14/2016	0	6/	62	79	4 62	90.75	4 62
OWP	050	OAKWOOD PLACE	40	09	5/14/2016	0	83	83	83	0.00	100.00	000
OWP	090	OAKWOOD PLACE	. 50	70	5/14/2016	0	79	79	62	4.34	91.32	4.34
OWP	020	OAKWOOD PLACE	09	COURT	5/14/2016	0	73	73	73	0.00	100.00	0.00
OWP	COURT	OAKWOOD PLACE	70	END/BEGIN HAWKRIDGE ROAD	5/14/2016	0	79	62	79	6.07	87.87	6.07
PC	010	PEBBLE COURT	INTX ROCKRIDGE	COURT	5/14/2016	0	94	91	91	0.00	100.00	0.00
PC	COURT	PEBBLE COURT	10	END	5/14/2016	0	79	79	79	5.49	89.02	5 49
၁၁၀	010	QUAIL COVEY COURT	INTX QUAIL CREEK DRIVE	COURT	5/14/2016	0	83	82	82	2.27	95.47	2.27
occ	COURT	QUAIL COVEY COURT	010	END	5/14/2016	0	85	82	82	1.79	96.43	1.79
QCD	010	QUAIL CREEK DRIVE	INTX HAWKRIDGE DRIVE	020	5/14/2016	0	82	82	82	0.00	100.00	0.00
QCD	020	QUAIL CREEK DRIVE	010	030	5/14/2016	0	83	83	83	0.00	100.00	0.00
ОСD	030	QUAIL CREEK DRIVE	020	040	5/14/2016	0	8	81	81	0.00	100.00	0.00
QCD	040	QUAIL CREEK DRIVE	030	050	5/14/2016	0	82	82	82	2.19	95.63	2.19
QCD	050	QUAIL CREEK DRIVE	040	090	5/14/2016	0	82	82	82	2.19	95.63	2.19
QCD	090	QUAIL CREEK DRIVE	050	020	5/14/2016	0	84	84	81	8.24	83.51	8.24
QCD	020	QUAIL CREEK DRIVE	090	080	5/14/2016	0	83	83	83	0.00	100.00	0.00
QCD	080	QUAIL CREEK DRIVE	070	060	5/14/2016	0	83	83	83	0.00	100.00	0.00
QCD	060	QUAIL CREEK DRIVE	080	100	5/14/2016	0	81	81	81	5.28	89.44	5.28
QCD	100	QUAIL CREEK DRIVE	060	110	5/14/2016	0	83	83	83	0.00	100.00	0.00
acp	110	QUAIL CREEK DRIVE	100	120	5/14/2016	0	82	82	82	2.19	95.63	2.19
QCD	120	QUAIL CREEK DRIVE	110	130	5/14/2016	0	83	83	83	00.00	100.00	0.00
acb	130	QUAIL CREEK DRIVE	120	140	5/14/2016	0	83	83	83	00.0	100.00	0.00
QCD	140	QUAIL CREEK DRIVE	130	150	5/14/2016	0	83	83	83	00.00	100.00	0.00
acb	150	QUAIL CREEK DRIVE	140	160	5/14/2016	0	81	81	81	5.28	89.44	5.28
dcb 201	160	QUAIL CREEK DRIVE	150	170	5/14/2016	0	83	83	83	00.0	100.00	0.00
dcb gg	170	QUAIL CREEK DRIVE	160	180	5/14/2016	0	81	81	81	5.28	89.44	5.28
dcD GCD	180	QUAIL CREEK DRIVE	170	END	5/14/2016	0	81	81	81	8.24	83.51	8.24
QINIC	010	QUAIL MEADOWS COURT	INTX ROCKRIDGE LANE	20	5/14/2016	0	25	52	52	4.41	91.17	4.41
QMC	020	QUAIL MEADOWS COURT	10	30	5/14/2016	0	54	54	54	0.00	100.00	00.0
QMC	030	QUAIL MEADOWS COURT	20	40	5/14/2016	0	54	54	54	3.89	92.22	3.89
QMC	40	QUAIL MEADOWS COURT	30	COURT	5/14/2016	0	54	5	25	0.00	100.00	00 0
QMC	COURT	QUAIL MEADOWS COURT	40	END	5/14/2016	0	52	52	52	5.17	89.65	5.17
QML	010	QUAIL MEADOWS LANE	INTX ROCKRIDGE	20	5/14/2016	0	2	81	81	0.00	100.00	0.00
QML	020	QUAIL MEADOWS LANE	10	30	5/14/2016	0	62	52	79	7	01.78	7
QML	030	QUAIL MEADOWS LANE	20	40	5/14/2016	. 0	. 20	5 6	. 2		100.00	- 6
QML	040	QUAIL MEADOWS LANE	30	50	5/14/2016	0	73	73	23	4 53	90.94	0.04
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PCI Calculation - Summary

Printed: 06/07/2016

	050 060 COURT1	NOSO INSTITUTE					Alter				2 2 3 3	
	URT1	TIME SWICH SWITCH		U9	5/14/2016		79	79	79	0.00	100.00	0.00
	URT1	COURT MEADOWS LANE	Ç (5	COURT	5/14/2016	0	79	79	6/	1.10	97.79	1.10
	-	OHAII MEADOWS LANE	3 09	MIDDLE	5/14/2016	0	64	64	49	1.80	96.40	1.80
	CTOLICTS	OHAH MEADOWS LANE	Middle	END	5/14/2016	0	29	29	29	8.14	83.71	8.14
	MIDDLF	OLIAII MEADOWS LANE	COURT	COURT2	5/14/2016	0	83	83	83	0.00	100.00	0.00
		RESORT ROUNDABOUT	INTX SADDLECREEK DRIVF	020	5/14/2016	0	8	81	18	0.00	100.00	0.00
		RESORT ROUNDABOUT	010	030	5/14/2016	0	75	75	75	0.00	100.00	0.00
		RESORT ROUNDAROUT	020	040	5/14/2016	0	75	75	75	00.00	100.00	0.00
		RESORT ROUNDABOUT	030	INTX SADDLECREEK DRIVE	5/14/2016	0	18	18	18	13.60	72.81	13.60
	EB10	RESORT ROUNDABOUT	ROUNDABOUT	SADDLECREEK	5/14/2016	0	29	29	29	49.30	50.70	0.00
			10	DRIVE	814412018	_	7.5	75	75	0.00	100.00	0.00
		RESORI ROUNDABOUL	PARKING LOI	PARKING LOT	5/14/2016	. 0	. <u>e</u>	. 26	81	0.00	100.00	00.0
	SBT0 WB10	RESORT ROUNDABOUT	ROUNDABOUT	SADDLECREEK	5/14/2016	0	81	81	8	0.00	100.00	0.00
RRC 010	c	ROCKRIDGE COURT	INTX ROCKRIDGE	COURT	5/14/2016	0	24	24	24	1.22	97.56	1.22
	H	Tailoo nodiaxood	1 C	CNI	5/14/2016	0	28	28	28	0.00	100.00	00.00
RRL 010	010	ROCKRIDGE LANE	INTX SADDLE	20	5/14/2016	0	81	81	8	0.00	100.00	0.00
	ć		J. C.	30	5/14/2016	0	35	35	35	43.86	53.65	2.48
		ROCKRIDGE LANE	2 6	40	5/14/2016	0	19	61	61	26.88	73.12	00:00
KKL U30	5 6	ROCKRIDGE LANE	30	20	5/14/2016	0	20	20	90	1.54	96.92	1.54
	.	ROCKRIDGE LANE	40	09	5/14/2016	0	52	52	52	0.00	100.00	0.00
		ROCKRIDGE LANE	20	20	5/14/2016	0	52	52	52	0.00	100.00	00:00
	o c	ROCKBIDGE I ANF	09	80	5/14/2016	0	36	36	36	47.51	49.81	2.69
	, c	ROCKRIDGE LANE	70	06	5/14/2016	0	40	40	40	39.55	60.45	0.00
		ROCKRIDGE LANE	80	100	5/14/2016	0	29	29	29	41.40	43.56	15.04
		ROCKRIDGE LANE	06	110	5/14/2016	0	56	56	26	21.55	78.45	0.00
		ROCKRIDGE LANE	100	120	5/14/2016	0	20	20	20	24.27	75.73	0.00
		ROCKRIDGE LANE	110	130	5/14/2016	0	52	52	52	2.01	95.98	2.01
	. 0	ROCKRIDGE LANE	120	140	5/14/2016	0	54	54	54	0.00	100.00	0.00
	0	ROCKRIDGE LANE	130	150	5/14/2016	0	25	25	52	17.73	80.99	1.28
	. 0	ROCKRIDGE LANE	140	160	5/14/2016	0	25	25	52	1.83	96.34	1.83
	0	ROCKRIDGE LANE	150	170	5/14/2016	0	54	54	24	0.00	100.00	0.00
	0	ROCKRIDGE LANE	160	180	5/14/2016	0	54	54	54	1.44	97.11	1.44
	0	ROCKRIDGE LANE	170	190	5/14/2016	0	25	52	52	1.88	96.24	1.88
	0	ROCKRIDGE LANE	180	200	5/14/2016	0	34	8	34	0.99	98.02	0.99

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PCI Calculation - Summary

Printed: 06/07/2016

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Pct Other	3.6	4.68	0.76	3 63	06.0	0.00	5.09	2.70	0.00	0.00	0.00	0.00	2.16	0.00	2.53	0.37	1.43	0.00	0.87	3.69	00.0	0.00	00.0	00.00	0.34	12.36	0.00	00.00	0.00	0.00	3.77	7.16	4.99	00.00	6.74	6.46	1.31	12.25	0.00
Pct Envr	75.20	79.53	98.49	92.73	98.20	100.00	89.82	94.59	100.00	100.00	100.00	100.00	95.69	100.00	94.94	55.39	44.01	71.71	51.95	65.02	64.67	37.59	49.45	61.44	52.53	26.98	79.98	37.81	99.09	65.46	92.46	85.68	63.62	100.00	86.52	60.29	97.38	75.49	100.00
Pct Load	21.77	15.79	0.76	3.63	0.90	0.00	5.09	2.70	0.00	0.00	00'0	0.00	2.16	0.00	2.53	44.24	54.56	28.29	47.18	31.29	35.33	62.41	50.55	38.56	47.13	99.09	20.02	62.19	39.34	34.54	3.77	7.16	31.39	0.00	6.74	33.25	1.31	12.25	0.00
PCI Low	19	31	35	24	28	26	32	30	54	54	52	54	52	54	54	41	27	12	33	40	36	12	က	က	ო	17	26	25	38	4	50	52	9	54	34	38	54	4	53
PCI High	19	31	35	24	28	26	32	30	54	54	52	54	52	54	54	14	27	12	33	40	36	12	ო	က	ဗ	17	26	52	38	44	50	52	9	54	34	38	54	41	53
PC! After	19	3	35	24	28	56	32	30	54	54	52	54	52	54	54	4	27	12	33	40	36	12	က	က	က	17	56	22	38	44	20	25	9	54	34	38	54	4	53
PCI Before	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
PCI Date	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016	5/14/2016
End Location	210	220	230	240	250	260	270	280	END	COURT	END	20	30	COURT	END	080	06	100	110	120	130	140	150	160	ROUNDABOUT	190	200	210	220	230	240	250	260	270	280	290	300	310	320
Begin Location	190	200	210	220	230	240	250	260	270	INTX HAWKRIDGE DRIVE	010	INTX SUMMIT	10	20	30	090	20	80	06	100	110	120	130	140	150	ROUNDABOUT	180	190	200	210	220	230	240	250	260	270	280	290	300
Road Name	ROCKRIDGE LANE	RED TAIL COURT	RED TAIL COURT	SUMMIT COURT	SUMMIT COURT	SUMMIT COURT	SUMMIT COURT	SADDLE CREEK DRIVE																															
Section ID	200	210	220	230	240	250	260	270	280	010	COURT	10	20	30	COURT	020	080	060	100	110	120	130	140	150	160	180	190	200	210	220	230	240	250	260	270	280	290	300	310
Street ID	RRL	RIC	RTC	သွ	sc	SC	SC	SCD																															

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PCI Calculation - Summary

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Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
000	320	SADDI E CREEK DRIVE	310	330	5/14/2016	0	6	o	ø	63.63	27.75	8.62
3 3	220	SANDI E CREEK DRIVE	320	340	5/14/2016	0	œ	۵	œ	67.08	30.00	2.93
פרם	000	ביים אינוניס ביים פיים ביים ביים ביים ביים ביים ביים	000	350	5/14/2016	c	13	13	13	62.92	37.08	0.00
SCD	340	SADDLE CREEN DRIVE	930	920	5/14/2016	, c	. .	45	45	28.62	60.24	11.14
SCD	350	SADDLE CREEK DRIVE	340	200	0/14/2010		2 2	2 2	. 22	000	100 00	00 0
SCD	360	SADDLE CREEK DRIVE	350	3/0	5/14/2016	>	70	7 1	3 0	9 6	20.001	
SCD	370	SADDLE CREEK DRIVE	360	380	5/14/2016	0	25	52	25	7.77	80.00	77.7
SCD	380	SADDLE CREEK DRIVE	370	390	5/14/2016	0	32	35	32	44.72	53.86	1.4.1
100	390	SADDLE CREEK DRIVE	380	400	5/14/2016	0	20	20	20	14.32	84.64	1.04 40.1
200	306	SADDI E CREEK DRIVE	390	400	5/14/2016	0	54	54	54	5.89	88.23	5.89
SCD	290	SADDLE CREEK DRIVE	390	410	5/14/2016	0	52	52	52	7.08	85.84	7.08
SCD	400	SADDLE CREEN DRIVE	700	2 00	5/14/2016	_	54	54	54	0.00	100.00	00:00
SCD	410	SADDLE CREEN DRIVE	400	430	5/14/2018	, ,	47	47	47	33.20	62.97	3.83
SCD	420	SADDLE CREEN DRIVE	014	NTV OAV COEEK	6/14/2016	, c	: 2	52	52	2.05	95.91	2.05
SCD	430	SADDLE CREEK DRIVE	420	ROAD	01 14/2010)	4	;	ţ	i		
NICOS	010	SADDLE CREEK DRIVE	GATE	SECTION 20	5/14/2016	0	52	52	52	4.18	91.63	4.18
NICOS	000	SADDI E CREEK DRIVE	SECTION 10	SECTION 30	5/14/2016	0	54	54	54	0.00	100.00	0.00
SCOIN	030	SADDIE CREEK DRIVE	SECTION 20	SECTION 35	5/14/2016	0	47	47	47	4.91	76.93	18.16
SCDIN	000	ממט אבווייס דיימייס	ADDY 260 EEET	ADDY 330 FEFT	5/14/2016	0	26	26	56	0.00	100.00	0.00
SCDIN	035	SADDLE CREEN DRIVE	FROM GATE	FROM GATE	0.035	,	}	:				
NICOS	040	SADDLE CREEK DRIVE	SECTION 35	SECTION 50	5/14/2016	0	23	53	53	0.00	100.00	0.00
SCDIN	050	SADDLE CREEK DRIVE	SECTION 40	SECTION 60	5/14/2016	0	20	26	56	0.00	100.00	0.00
300	000	הייים אירותס דיממאס	OS INCITORIO	FIND SADDLE	5/14/2016	0	2	7	7	42.93	39.20	17.87
SCDIN	090	SADDLE CREEK DRIVE	SECTION 30	CREEK LANE		•	ı	ı				:
SCDIN	065	SADDLE CREEK DRIVE	SECTION 60	SECTION 70	5/14/2016	0	27	27	27	39.51	60.09	0.40
SCDOIT	011	SADDLE CREEK DRIVE	GATE	SECTION 21	5/14/2016	0	26	56	56	0.00	100.00	0.00
FIOUS	120	SANDI E CREEK DRIVE	SECTION 11	SECTION 31	5/14/2016	0	20	20	20	23.43	76.57	0.00
FIGURE	1 20	SADDI E CREEK DRIVE	SECTION 21	SECTION 35	5/14/2016	0	13	13	13	13.45	73.11	13.45
10000	3 5		SECTION 35	SECTION 51	5/14/2016	0	54	5	54	00.0	100.00	00.00
10003	1 20	SADDI E CREEK DRIVE	SECTION 41	SECTION 61	5/14/2016	0	52	52	52	00.0	100.00	0.00
SCDOOL	021		SECTION 51	INTX SADDLE	5/14/2016	0	52	52	52	00:00	100.00	0.00
SCDOUT	061	SAUDLE CREEN URIVE	SECTION 31	CREEK LANE)	}	}				•
SCL	010	SADDLE CREEK LANE	SADDLE CREEK DRIVE	20	5/14/2016	0	33	33	33	52.07	47.93	0:00
i S	020	SADDI E CREEK LANE	10	30	5/14/2016	0	69	59	59	38.97	61.03	0.00
, z	030	SADDIFCREFKLANE	50	40	5/14/2016	0	73	73	73	36.81	63.19	0.00
j 3	9	SADDIE CREEK ANE	· 8	20	5/14/2016	0	8	81	94	1.05	97.90	1.05
30.	95.0	SADDIE CREEK IANE	40	. 09	5/14/2016	0	69	69	69	49.01	50.99	0.00
, c	000	SADDIE CREEK ANE	: G	20	5/14/2016	0	72	72	72	46.80	52.24	96.0
, , ,	020	SADDI E CREEK I ANE	3 G	. 08	5/14/2016	0	72	72	72	0.00	100.00	0.00
30.0	0 0	SADOLE CREEK LANE	2 2	06	5/14/2016	0	7	71	71	48.01	51.99	0.00
SCL.	000	SADDEL CALERA DANE	> 08	5	5/14/2016	0	81	81	8	00'0	100.00	0.00
SCL	060	SADDLE CREEN LANE	00 (0	5 5	5/14/2018		1	7.2	7.7	25.80	67.95	6.25
SCL	100	SADDLE CREEK LANE	06	011	3/14/2010	>	,,		-	80.01		
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Criteria:

Peter Rei

PCI Calculation - Summary

Printed: 06/07/2016

						S	. <u>D</u>		4			
Street ID	Section ID	Road Name	Begin Location	End Location	PCI Date	Before	After	PCI High	PCI Low	Pct Load	Pct Envr	Pct Other
SCL	110	SADDLE CREEK LANE	100	120	5/14/2016		69	69	69	0.00	100.00	0.00
SCL	120	SADDLE CREEK LANE	110	130	5/14/2016	0	20	70	70	0.00	100.00	0.00
SCL	130	SADDLE CREEK LANE	120	140	5/14/2016	0	83	83	83	0.00	100.00	00:00
SCL	140	SADDLE CREEK LANE	130	COURT	5/14/2016	0	8	8	81	0.00	100:00	0.00
SCL	COURT	SADDLE CREEK LANE	140	END	5/14/2016	0	79	79	79	0.00	87.05	12.95
રા	010	SUMMIT LANE	INTX ROCKRIDGE LANE	20	5/14/2016	0	25	54	54	1.62	96.76	1.62
SL	020	SUMMIT LANE	10	30	5/14/2016	0	48	48	48	31.92	68.08	0.00
SL	030	SUMMIT LANE	20	40	5/14/2016	0	52	52	52	25.35	74.65	000
SL	040	SUMMIT LANE	30	50	5/14/2016	0	20	20	20	25.59	73.01	1.39
SF	050	SUMMIT LANE	40	09	5/14/2016	0	54	54	54	1.48	97.04	1.48
ઝ	090	SUMMIT LANE	50	70	5/14/2016	0	52	52	52	3.79	92.42	3.79
Z.	070	SUMMIT LANE	09	80	5/14/2016	0	54	54	54	0.00	100.00	0.00
ઝ	080	SUMMIT LANE	70	06	5/14/2016	0	54	54	54	0.00	100.00	0.00
રા	060	SUMMIT LANE	80	100	5/14/2016	0	54	54	54	1.43	97.14	1.43
સ	100	SUMMIT LANE	06	COURT	5/14/2016	0	54	25	54	0.00	100.00	0.00
SL	COURT	SUMMIT LANE	100	END	5/14/2016	0	22	55	55	0.00	100.00	00.00
VKC	010	VOSTA KNOLLS COURT	INTX KNOLLS DRIVE	020	5/14/2016	0	9/	9/	9/	7.61	84.78	7.61
VKC	020	VOSTA KNOLLS COURT	101	030	5/14/2016	0	78	78	78	0.00	100.00	0.00
VKC	030	VOSTA KNOLLS COURT	020	040	5/14/2016	0	74	74	74	10.98	78.04	10.98
VKC	040	VOSTA KNOLLS COURT	030	050	5/14/2016	0	9/	9/	76	0.00	100.00	0.00
VKC	050	VOSTA KNOLLS COURT	040	090	5/14/2016	0	73	73	73	14.68	70.64	14.68
VKC	090	VOSTA KNOLLS COURT	050	070	5/14/2016	0	6/	79	79	0.00	100.00	0.00
VKC	070	VOSTA KNOLLS COURT	090	080	5/14/2016	0	11	11	77	00'0	100.00	0.00
VKC	080	VOSTA KNOLLS COURT	070	060	5/14/2016	0	11	77	77	11.47	77.06	11.47
VKC	COURT	VOSTA KNOLLS COURT	060	END	5/14/2016	0	72	72	72	53.40	33.27	13.33
WDC	010	WOOD DUCK COURT	INTX OAK CREEK DRIVE	COURT	5/14/2016	0	52	52	52	0.00	100.00	0.00
WDC	COURT	WOOD DUCK COURT	10	END	5/14/2016	0	90	20	20	1.05	97.90	1.05
WFC	010	WILDFLOWER COURT	INTX KNOLLS DRIVE	020	5/14/2016	0	65	65	65	39.85	60.15	0.00
WFC	020	WILDFLOWER COURT	010	030	5/14/2016	0	74	74	74	39.91	60.09	0.00
WFC	030	WILDFLOWER COURT	020	COURT	5/14/2016	0	6/	62	79	0.00	100.00	0.00
WFC	COURT	WILDFLOWER COURT	030	END	5/14/2016	0	72	72	72	14.67	85.33	0.00
WOC	010	WHITE OAK COURT	INTX BLUE OAK COURT	COURT	5/14/2016	0	14	41	41	29.89	70.11	0.00
woc	COURT	WHITE OAK COURT	10	END	5/14/2016	0	48	48	48	13.58	85.56	0.87