



CITY OF KIRKLAND

Public Works Department

123 Fifth Avenue, Kirkland, WA 98033 425.587-3225

www.ci.kirkland.wa.us

MEMORANDUM

To: Marilynne Beard, Interim City Manager

From: Rob Jammerman, Development and Environmental Services Engineering Manager
Ray Steiger, P.E., Interim Public Works Director

Date: July 6, 2010

Subject: STREET CUT FEE

RECOMMENDATION

City Council approves the attached ordinance amending the sections 19.12 and 5.74 of the Kirkland Municipal Code establishing a street cut fee for all new street cuts within the public right-of-way.

BACKGROUND DISCUSSION

On June 1, 2010, the proposed street cut fee ordinance was presented to the City Council (see attached June 1st staff report). After discussing the proposed street cut fee, the Council recommended that additional time be allowed and a second request for comments about the proposed fee be sent to the Kirkland Developers Partnership Forum and the Franchise Companies. Both groups were notified that additional time to comment on the proposed fee was being made available. We received one email from the Master Builders Association indicating that no comments had been received from their group. To date, no comments have been received from other groups or individuals on this matter.

During the additional comment period, Councilmember Sternoff asked if an enhanced crack sealing program could be pursued to reduce the impacts of street cuts on our Pavement Condition Index (PCI). Council will recall that crack sealing (applying liquid asphalt along pavement cracks to seal out water) is identified as one of the elements of the overall street preservation strategy (Attachment B). Public Works staff has discussed this issue and is pursuing the following:

1. Construction inspection staff will make sure that all street cuts (by utilities, franchises, private development, and CIP) are properly sealed along the edges when the asphalt patch is complete.
2. Prior to release of any street maintenance security (after the required two-year period), construction inspection staff will re-inspect the asphalt patches and require the street cuts to be re-sealed when necessary.
3. The Street Maintenance Division of Public Works will assess whether additional crack sealing efforts can be added within funding and resource limitations of their existing budget and workplan.
4. The Capital Improvement Project Division will analyze the feasibility of adding crack sealing to the annual Street Preservation Program, similar to that being done in other neighboring jurisdictions.

Attachments: June 1st, 2010 Street Cut Fee Staff Report
Street preservation strategies
Ordinance and Publication Summary.



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MEMORANDUM

To: Marilynne Beard, Interim City Manager

From: Ray Steiger, P.E., Interim Public Works Director
Rob Jammerman, Development and Environmental Services Engineering Manager

Date: June 1, 2010

Subject: Street Cut Fee

RECOMMENDATION:

City Council approves the attached Ordinance amending the sections 19.12 and 5.74 of the Kirkland Municipal Code establishing a Street Cut Fee for all new street cuts within the public right-of-way.

BACKGROUND DISCUSSION:

On February 14, 2009, Public Works Staff presented the 2008 State of the Streets report to the City Council outlining the funding deficiencies in our Street Preservation Program and recommending several options to provide additional funding to the program; one such fee was a Street Cut Fee. Ray Steiger, Interim Public Works Director presented a Street Preservation Strategy report to the City Council. After reviewing and discussing the report, Council recommended that Staff bring back more information regarding the Street Cut Fee and other funding sources; this follow up was presented to Council on February 16th, 2010 (Attachment A).

At their February 16th meeting, Council approved the elements outlined in the "yellow" column. Detailed information regarding the Street Cut Fee has now been developed, and an ordinance to adopt the fee is included with this memo. Components of the fee are as follows:

1. Utility street cuts (patches) are one of the major causes of Pavement Condition Index (PCI) decline. Simply put, an asphalt street that is not cut and patched will have a slower declining PCI than a street with that has been cut and patched; the faster the PCI declines, the sooner the street has to be overlaid.
2. Staff studied permit data from the last 10 years and estimated that between 700 and 1000 new asphalt patches occur in our public streets each year. The majority of these asphalt patches are either associated with franchise utility work such as gas, electric, phone cable, or fiber-optics, or with new development projects. The Public Works Department does have an asphalt overlay policy

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for major utility work in the right-of-way and any patches that were overlaid were not counted in these study numbers; the patches are counted for this exercise only if they don't trigger an overlay.

3. Both the City of Bellevue and Bothell have had Street Cut Fees for many years. The City of Bellevue's Street Cut Fee is \$59 per 100 sq. ft. and is being reviewed for a fee increase. The City of Bothell's Street Cut Fee is \$14 per lineal foot of trench which equates to approximately \$140 per 100 sq. ft of patch (trench widths vary).
4. When developing the Street Cut Fee, staff found that the most equitable approach is to base the fee on the actual costs to provide an asphalt overlay over the subject street cut. In 2009, the City paid approximately \$4/square foot to overlay our streets. Because patch sizes vary and are subject to adjustment in the field, it is recommended that the Street Cut Fee be set at \$200 for every 50 sq. ft. of patch size (\$4 per sq. ft. overlay cost X 50 sq. ft. = \$200) The following table outlines the recommended fee schedule:

Street Cut Size ⁽¹⁾	Street Cut Fee ⁽²⁾
1 – 50 sq. ft.	\$200
51-100 sq. ft.	\$400
100 sq. ft or greater	\$400 plus \$400 each additional 100 sq. ft. of patch area

⁽¹⁾Multiple patches that are within the vicinity of each other will be measured collectively to determine the fee.

⁽²⁾Any permit applicant that is required to overlay the street as a condition of their project will not pay the Street Cut Fee for any street cuts in the overlay area.

With this fee adoption, it is estimated that between \$100,000 and \$150,000 will be generated annually for the Street Preservation Program.

5. There will be additional time required by the Public Works Development Engineers and Engineering Technicians to administer the new fee. To account for this new work, it is recommended that each Street Cut Fee have an additional \$25 administration fee added to it. The administration fee has been included in the attached fee ordinance.
6. On May 21st, a notice was sent to the Kirkland Developers Partnership Forum and all Utility Franchise Holders regarding the proposed Street Cut Fee and the presentation of the fee to Council at the June 1, 2010 Council meeting.

If the Council approves the recommended Street Cut Fee, staff recommends that further analysis be done to assess whether utility patches caused by our own utility work should also be assessed a Street Cut Fee and contribute to the Street Preservation Program accordingly. As an example, if the Surface Water Utility repaired a storm line failure and patched the street, the utility would be "charged" for the patch and funds would be transferred from the Surface Water Utility to the Street Preservation fund. Moving forward with this policy may result in a slight increase to the utility rates.

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Other Fee Administration Change

One other Public Works fee administration change has been included with this Ordinance. The existing fee for Engineering Review and Inspection of major street and utility improvements is 10% of the value of the improvements. The existing code requires this fee to be paid at the time of permit issuance. If the permit is not picked up, the Public Works Department is not reimbursed for the time to review the permit.

The proposed amendment requires applicants to pay up to half of their Public Works Engineering Review and Inspection fee (up to 5% of the value of the improvements) *at the time of permit application*. In doing so, the Public Works Engineering review time will be covered even if a permit is not picked up after processing. This methodology is consistent with the process used by the Building Department which charges an intake fee to cover their review time before the permit is issued.

Attachment 1 - February 16, 2010 Street Preservation Strategies Report.

Attachment 2 - Ordinance to amend 5.74 of the KMC

Attachment 1

**CITY OF KIRKLAND****Department of Public Works**123 Fifth Avenue, Kirkland, WA 98033 425.587.3800
www.ci.kirkland.wa.us**MEMORANDUM**

To: David Ramsay, City Manager

From: Ray Steiger, P.E., Interim Public Works Director
Andrea Mast, P.E., Project Engineer

Date: February 10, 2010

Subject: STREET PRESERVATION STRATEGIES

RECOMMENDATION:

It is recommended that the City Council review and discuss the proposed street preservation strategies.

BACKGROUND AND DISCUSSION:

This memo summarizes the work of the Transportation Commission, the Council Finance Committee, and Public Works Staff over the last year to develop a proposal to stabilize and/or increase the overall pavement quality in the City of Kirkland. Staff has included a number of options for consideration and is seeking additional comment, feedback, and direction from the Council.

Pavement Condition Index and Deferred Maintenance

In 2002, 2005, and 2009, Staff presented Council with reports that summarized the City's Pavement Management System (PMS), the roadway network pavement condition, and made recommendations for funding of the City's Annual Street Preservation Program based on a ten year projection of the street system condition. Using information presented in the reports, and after discussions with Staff, Council established budgets for the Annual Street Preservation Program in the Capital Improvement Program. Additionally, based on the 2005 report, Council approved the purchase of a commercial grade asphalt paving machine for use by City maintenance personnel to supplement the Annual Preservation Program.

In the 2009 report to Council, Staff indicated that the overall Pavement Condition Index (PCI) for the City's street network had declined to 65 and was trending downward; this compared to an overall PCI of 70 and 67 in the 2005 and 2002 reports respectively. As a point of reference, a newly paved roadway has a PCI of 100, and over time, the PCI decreases depending on environmental exposure, traffic volumes, and other factors (Figure A). The PCI of the overall City street network is a combination of *all* individual roadways (150 miles of City streets) and their respective PCI's; it is this overall PCI that is used to summarize the "health" of the network. This measure is utilized for objective comparisons over time, with other agencies, and in grant funding applications. Other factors also need to be considered when assessing the complete picture of street network health such as the type of road vs. the PCI (for example, maintaining higher PCI's on the arterials helps commerce and transit in addition to cars; neighborhood street speeds are lower and PCI for driver comfort is not as crucial), however the PCI is a good benchmark to use for comparisons.

Besides sufficient funding, optimizing the investment level for a street network over its lifetime requires two considerations: 1) determining the best treatment measure for given conditions (the PCI rating among those conditions), and 2) determining the correct time to apply the measure. To start with, Kirkland has identified a

number of acceptable treatment measures for pavement repair ranging in cost and applicability; they include: slurry seal, patching, overlay, and total reconstruction. An *unacceptable* treatment measure, tried in the mid 1990's, is called "chip seal", and this measure is not used in Kirkland; the materials used in chip seal were incompatible with the urban nature of Kirkland and community feedback took that measure off the list of options. Slurry seal on the other hand (also a low cost preventative maintenance measure) is used on certain roads with good PCI's (typically above 80), and it allows for the roadway's life to be extended a number of years at a low cost (Figure B). Slurry seal cannot be applied indefinitely, since over time the structure of the underlying asphalt will break down, but it can be applied on repeating cycles (say every 5 – 8 years) thereby saving the cost of the more expensive overlay treatment. As graphically shown in Figure B, a number of low costs slurry seals can be applied to keep the pavement in the "good" range rather than immediately overlaying at the early signs of degradation. On the other end of the cost spectrum is total reconstruction.

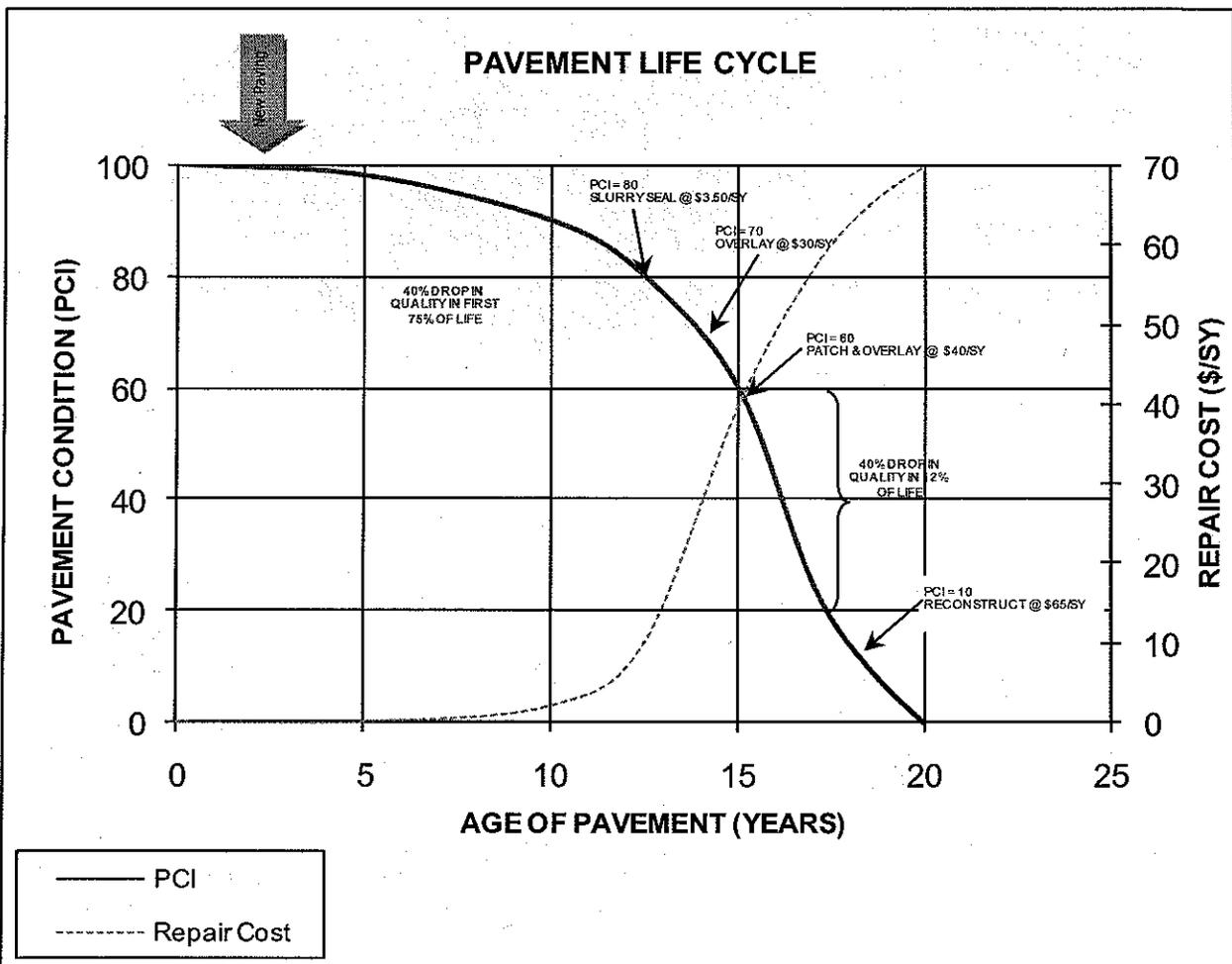


Figure A – Typical asphalt degradation curve over time

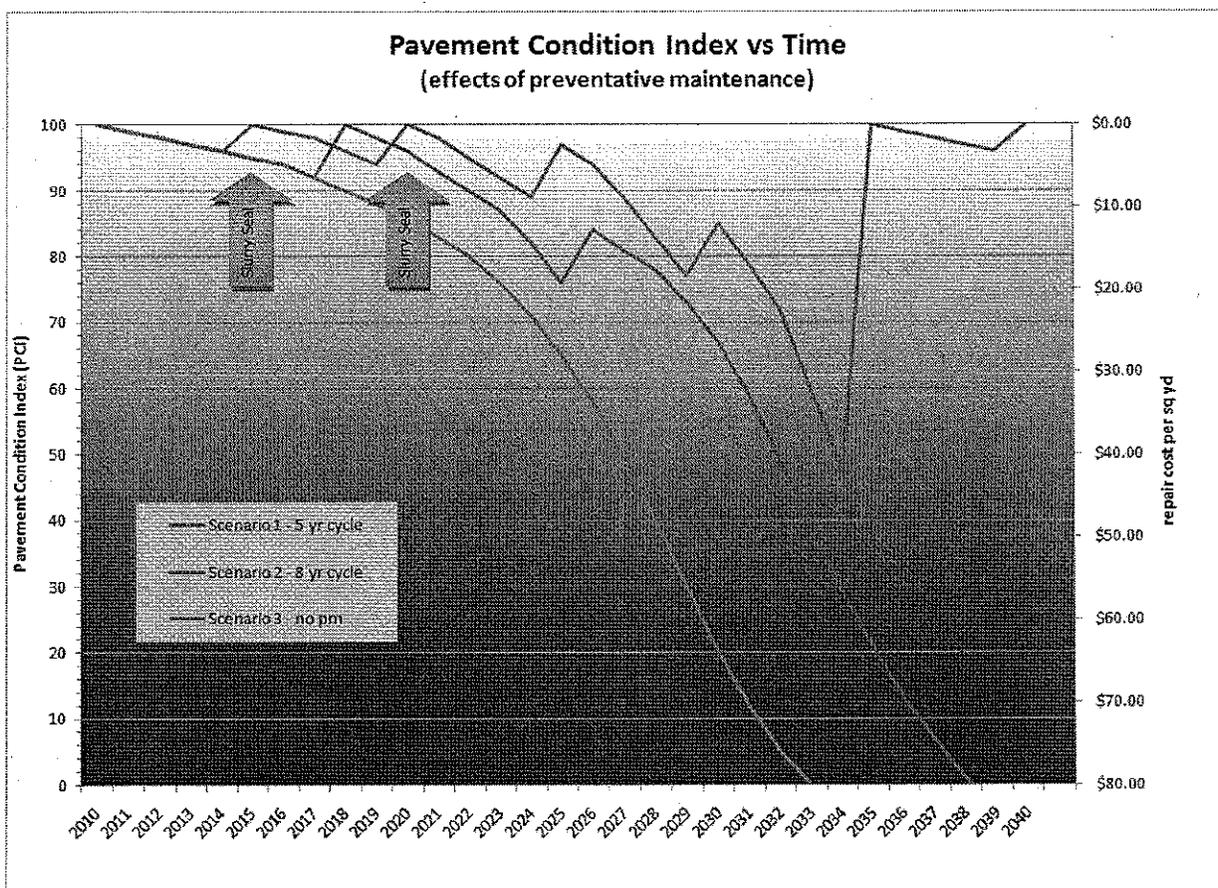


Figure B – lifecycle cost comparison of asphalt treatment measures

Reconstruction involves complete removal of the roadway section down to the native soil, and then the road is reconstructed with excellent materials using appropriate construction methods under good weather conditions; this is the most expensive measure and represents the largest impact to residents, commuters, and other users during the construction activities. This measure is typically used once a roadway has degraded below the 20 PCI range. The direct cost of reconstruction does not increase significantly as the road degrades further than this PCI range, but the indirect cost, tire damage, complaints, and general community dissatisfaction, will continue to go up. Most of the roadways under Kirkland’s current funding level and overall PCI fall within the more moderately priced overlay treatment measure.

Along with the PCI, a second attribute that can be looked at globally with the PMS is the deferred maintenance of the network – the estimated repair cost in current dollars to bring the whole system to a PCI of 85. A PCI of 85 for the entire network represents the optimum investment in the system. At this level, repair costs are minimized since the low cost treatment measures are applicable at that level. An overall PCI of 100 as a target would not consider the useful life of the pavement and is virtually impossible to attain for a large roadway system. A typical roadway will function completely well between the PCI 85 and 100 level without any maintenance. On the other hand, a PCI that slips into the “steeper” portion of the degradation curve, not only costs more to repair but degrades at an accelerated rate. Thus, industry wide a PCI at 85 is recognized to optimize investment over the life of a system; this sweet spot on the degradation curve balances expenditures and amount of useful life of the pavement. For comparison, Figure C shows a number of comparable agencies.

Questions	Mill Creek	Marysville	Kent	Olympia	Bellevue	Redmond	Bothell
Network PCI	NA	76	81	78	83 (OCI)	85 (estimated)	68 (OCI)

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Since the 2009 report

Staff has worked on this issue for the last several months. In addition, we presented draft proposals at three Transportation Commission meetings during 2009, and each time were provided with useful feedback and direction. In July, 2009 Staff updated the Finance Committee with information on the components and requirements of a Transportation Benefit District (TBD). At that time, the Finance Committee asked that Staff present the TBD option in context of the full array of funding options. Staff was asked to continue to work with the Transportation Commission on developing options.

The recommendations in this memo are a result of feedback from the Transportation Commission. There were several recommendations the Transportation Commission noted which are incorporated in this summary. It should be noted the Transportation Commission also reviewed our recommendations in light of the recently developed 'Transportation Conversation' document and with consideration of the recent Council Goal on 'Dependable Infrastructure.' In addition, Staff has attended pavement management workshops, researched practices in other cities, and evaluated our internal procedures and processes in order to develop this set of recommendations.

A detailed presentation of our recommendations is included as Figure E, and staff is prepared to review in detail each of the proposals. Below are two summaries of the information on the spreadsheet, and are most easily understood read alongside the information on Figure E.

Summary of the Current Situation and Proposed Strategy

1. The annual revenue required to attain and sustain a PCI of 70, Council's adopted LOS, is highly dependent upon the prevailing inflation rate. In general terms, staff estimates approximately \$5-7 M/year, depending on the rate of inflation. Given the long-term nature of investment in the street network, the inflation rates dramatically change the annual cost requirements.
2. Currently the city has \$2.7 M available in annual preservation funds. This includes \$2.0 M for the Annual Preservation program, \$400 K for the Street Maintenance Division's pavement program, and an estimated \$300 from other various roadway restoration projects (i.e. grant projects).
3. The gap, therefore, is between \$2.3 M and \$4.3 M/yr.
4. We are assuming there will be no single source of revenue in the near future to close that gap.
5. Therefore, we have developed a four-tiered strategy for increasing funding levels. The details of each tier are included in the attached spreadsheet. The Tiers are:
 - a. Efficiencies
 - b. Regulatory and Policy Changes
 - c. Partnerships
 - d. New Revenue Sources
6. In addition, we have reviewed each of the strategies and placed them in four somewhat additive alternatives based on their relative ease of implementation. These are color-coded on the attached spreadsheet. The alternatives are:
 - a. Base Program (existing 2009-2014 CIP)
 - b. Administrative Changes made with Council knowledge (recommended in the 2011-2016 CIP)
 - c. Changes requiring Council decisions and/or financial impacts to third parties
 - d. Changes requiring State Legislative Action or third party agreements
7. Staff is recommending we proceed with the administrative changes (Alternative B) and are currently developing a community outreach/involvement program for pursuing Alternative C (upon input from the Council Finance Committee). Primary among the strategies requiring Council action is community feedback regarding the Transportation Benefit District (explanation later in this memo). Input gained from the community feedback would also be applicable in the event legislation is passed for the Street Utility also.

Street Maintenance Strategy

Element	Annual Investment Alternatives				Annual cost or notes
	Base	1	2	3	
	2009-2014 CIP	Administrative changes (implement in 2011-2016 CIP)	Council decisions or potential impacts to other parties	State legislative or 3rd Party agreements required	
Current Budget					
Overlay	\$ 1,800,000				CIP - Phase I
Preventative Maintenance (i.e. slurry seal)	\$ 200,000				CIP - Phase II
Operating Fund for Street Maint crews	\$ 400,000				117
1. Efficiencies					
a More aggressive crack sealing		\$ (10,000)			deprec., materials
b Increased utilization of Paver		\$ (11,500)			deprec., materials
c Acquisition of Milling machine			\$ (51,667)		deprec., materials
2. Regulatory and Policy Changes					
a Post Improvements to paving standards	\$ 57,600				
b Utilize more CDF in backfill			\$ 20,000		
c Expand standard street patch width			\$ 20,000		
d Implement Street Cut Fee (researched other cities)			\$ 93,000	\$ 25,000	
e Water, Sewer, Storm contribution for pavement impacts	\$ 190,000				
f Modify PCI from 70 to 70 for arterials and 65 for neighborhood streets	\$ 50,000				
3. Be an active partner					
a Prior grants and 3rd party contributions	\$ 350,000				
b Additional third party contributions beyond 3.a	\$ 20,000				
c Eliminate studded tires				\$ 100,000	\$5000 for lobby
d Regional partnerships - efficiencies in joint contracts with other cities				\$ 50,000	
e Gas Tax Increase - statewide				\$ 50,000	
4. Pursue new revenues					
a Additional \$500K in 2011					Milling machine?
b Reallocate funds from Capacity to Street Maintenance and Overlay			\$ 50,000		
c Solid Waste haulers fee - new contract discussion				\$ 200,000	(Bothell's #)
d Transportation Benefit District, 2011			\$ 750,000		\$20/vehicle/wr
e Proposed Street Utility Legislation				\$ 4,000,000	\$5/month/SF
Total Annual Funding Level	\$ 2,827,600	\$ 3,067,600	\$ 4,055,600	\$ 5,490,600	

By end of 2020 @ 4% inflation	PCI	Arterials Non-arterial	2008 #s				
			55	70	70	70	70
			70	50	58	62	110
	Optimum one time investment	\$ million	15.5	54.8	48.9	43.8	32.0

By end of 2020 @ 5% inflation	PCI	Arterials Non-arterial	2008 #s				
			55	68	70	70	70
			70	47	54	60	70
	Optimum one time investment	\$ million	15.5	68.1	62.1	57.1	35.5

Notes:
 + Indicates that element is included in the Alternative
 - Indicates that element is not included in the Alternative
 - value is decreasing
 + value is increasing

Figure E – Street Maintenance Strategies and projected outcomes

Summary Discussion of Figure E

1. The current total annual investment for pavement maintenance and preservation, shown in **beige**, is \$2.8 Million. This alternative includes existing City funding and also considers existing third party funding such as TIB grants, WSDOT paving of City streets, and franchise paving.
2. By including the additional elements, identified as Administrative in the **green** column, the annual investment increases to \$3.0 Million. This requires City utilities (water, sewer, storm) to pay into the

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- street preservation fund if roads are impacted by utility projects; past practice has allowed utilities to patch sufficiently well if roads were in good condition and paving contribution was "waived" if the road was in poor condition. This cost will be reflected in utility estimates in the CIP.
3. The third column includes areas requiring Council direction. This column, shown in **yellow**, includes the Transportation Benefit District (TBD) and purchase of a commercial grade asphalt milling machine. Staff is recommending Council consider implementing a TBD in 2011. Essentially, cities can create a Transportation Benefit District for all or part of their jurisdiction. The process is
 - a. Governing Body determines need, creates boundary, and establishes revenue source
 - b. Projects must be in state or regional plan, street maintenance projects are allowable
 - c. Four funding mechanisms are available; only one, a vehicle license fee of \$20 per vehicle or less, are available without public vote. This would generate between \$750-850 K annually in pre-annexation Kirkland. If post-annexation Kirkland is included, it would generate approximately \$1.3 M annually.
 - d. Six cities in Washington have implemented TBD's with a \$20 vehicle license fee
 - e. The Transportation Commission supported a TBD after careful debate, and included the following comments.
 - i. It is important to consider this in light of annexation, specifically, whether to include the annexation area or not.
 - ii. If the PCI in the annexation area is higher than existing Kirkland's, consider use of TBD for other projects like sidewalks, active transportation projects, or other efforts; and continue to use TBD in existing Kirkland for annual overlay
 - iii. If the Street Utility ever becomes a viable option, consider the TBD as a temporary measure for street maintenance purposes. If a Street Utility was approved and utilized, the City could sunset the TBD, or utilize it for specific beneficial transportation projects.
 - f. If Council provides direction to proceed, staff could return with a report on the schedule, issues, and process for a Kirkland Transportation Benefit District
 4. The fourth column in **red** includes items beyond the City to implement. Primary among these is the proposed Street Utility currently under discussion in the state legislature. Specifically, the proposed legislation eliminates the past legal barriers and replaces a flat per parcel fee with a fee directly tied to land use and estimated travel patterns and system usage. These are very preliminary numbers, but some estimates are that, for single-family homes, the monthly fees would range from \$2 to \$8. Small retail would be \$11.17, and large retail \$83.20. In addition, the way a Street Utility would operate; the cost of maintaining the entire street system (pavement, signals, markings) would be paid by the users. Therefore, if we estimated our annual need at \$7 M, the rates would be set to generate that amount. Consequently, the maintenance needs of the city would be fully funded. There is still much debate to come on this bill, but it does have the potential to resolve urban street maintenance needs. As the Transportation Commission suggested, the TBD, if implemented, could be redirected or eliminated with use of the Street Utility. This option is the only that fully funds our needs.
 5. Other recommendations of the Transportation Commission.
 - a. The Commission also suggested that sometime in the future, Kirkland staff develop a quantitative measure for the active transportation network. They believed that sidewalks, paths and trails and bike lanes could benefit from a measure similar to the PCI for pavement. They recognized this was potentially a difficult and time-consuming effort, but urged staff to consider a low-cost way to measure that network, particularly the sidewalk network.
 - b. The Commission reviewed the information for the Deferred Maintenance figures as presented in the staff recommendation. They urged us to find a more straightforward and understandable way to present that information. Specifically, they suggested we look at whether deferred maintenance is simply increasing or decreasing; rather than focus on the total dollar amount of the backlog or of deferred maintenance.

Summary Policy Issues

1. Does Council support staff implementation of the Administrative Changes in the Green column?
2. Does Council support implementation of the recommendations in the Yellow Column regarding third parties (excluding TBD)

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3. Does Council support a TBD in Kirkland in 2011, and if so, what are the boundaries?
4. Council supports the Street Utility in the 2010 Legislative Agenda, consistent with Association of Washington Cities priorities

Street Maintenance Strategy

Street Maintenance Strategy							
Element	Annual Investment Alternatives				Annual cost or notes		
	Base	1	2	3			
	2009-2014 CIP	Administrative changes (implement in 2011-2016 CIP)	Council decisions or potential impacts to other parties	State legislature or 3rd Party agreements required			
Current Budget							
	Overlay	\$ 1,800,000	√	√	na	CIP - Phase I	
	Preventative Maintenance (i.e. slurry seal)	\$ 200,000	√	√	na	CIP - Phase II	
	Operating Fund for Street Maint crews	\$ 400,000	√	√	na	117	
1. Efficiencies							
→	a More aggressive crack sealing	\$ (10,000)	√	√	√	deprec., materials	
	b Increased utilization of Paver	\$ (11,500)	√	√	√	deprec., materials	
	c Acquisition of Milling machine			\$ (31,667)	√	deprec., materials	
2. Regulatory and Policy Changes							
	a Past Improvements to paving standards	\$ 57,600	√	√	√		
	b Utilize more CDF in backfill			\$ 20,000	√		
	c Expand standard street patch width			\$ 20,000	√		
	d Implement Street Cut Fee (researched other cities)			\$ 98,000	\$ 195,000		
	e Water, Sewer, Storm contribution for pavement impacts	\$ 190,000	√	√	√		
	f Modify PCI from 70 to 70 for arterials and 65 for neighborhood streets	\$ 50,000	√	√	na		
3. Be an active partner							
	a Prior grants and 3rd party contributions	\$ 350,000	√	√	√		
	b Additional third party contributions beyond 3.a	\$ 20,000	√	√	√		
	c Eliminate studded tires				\$ 100,000	\$5000 for lobby	
	d Regional partnerships - efficiencies in joint contracts with other cities						
	e Gas Tax Increase - statewide			\$ 50,000	\$ 50,000		
4. Pursue new revenues							
	a Additional \$500K in 2011					Milling machine?	
	b Reallocate funds from Capacity to Street Maintenance and Overlay			\$ 50,000	na		
	c Solid Waste haulers fee - new contract discussion				\$ 300,000	(Bothell's #)	
	d Transportation Benefit District, 2011			\$ 750,000	na	\$20/vehicle/yr	
	e Proposed Street Utility Legislation				\$ 4,700,000	\$5/month/SF	
Total Annual Funding Level		\$ 2,827,600	\$ 3,067,600	\$ 4,055,600	\$ 6,400,600		
			2008 #'s				
by end of 2020 @ 4% inflation	PCI	Arterials	55 -	70 +	70 +	70 +	
		Non-arterials	70 +	50 -	58 -	62	70 +
	Optimum one time investment	\$ million	15.5	54.8 -	48.9	43.8 -	32.8 -
			2008 #'s				
by end of 2020 @ 6% Inflation	PCI	Arterials	55 -	68 +	70 +	70 +	
		Non-arterials	70 +	47 -	54 -	60	70 +
	Optimum one time investment	\$ million	15.5	69.1 +	62.1 +	57.1 +	39.3 -
Notes:	√	Indicates that element is included in the Alternative					
	na	Indicates that element is not included in the Alternative					
	-	value is decreasing					
	+	value is increasing					

<p>incomplete actions Penalty—Nonmaintenance of FOG systems Penalty—Inaccurate or incomplete report</p>	<p>\$1,000.00 total. \$100.00/day for 60 days max. \$500.00 + city maintenance costs. Second year: \$1,000.00 + city maintenance costs \$100.00 for first offense</p>
<p>Sewer—Billing Sewer service <u>call</u> (customer problem)</p>	<p>\$20.00</p>
<p>Right-of-Way Permit to work in ROW—Standard Permit to work in ROW—Basic <u>Street Cut Fee 1-50 sq. ft.</u> <u>Street Cut Fee 51-100 sq. ft.</u> <u>Street Cut fee 101 sq. ft. or larger</u> <u>Street Cut Administration Fee</u></p>	<p>\$372.00 \$106.00 <u>\$200.00</u> <u>\$400.00</u> <u>\$400 + 400 for each additional 100 sq. ft.</u> <u>\$25 per street cut</u></p>
<p>Storm Drainage (Surface Water) Surface water drainage plan check fees (see PW pre-approved plans and policies for description of review types): (a) Small—Type I review (b) Small—Type II review (c) Targeted review (d) Full review (e) Roof/driveway drain connection inspection (f) Surface water adjustment process (see PW pre-approved plans and policies for full description)</p>	<p>\$375.00 \$905.00 \$1,580.00 \$3,160.00 \$637.00 \$150.00 for up to 2 hours of process, and then \$75/hour thereafter</p>
<p>Miscellaneous Review and Inspection Fees When the public works department provides engineering review or inspections services, and a fee for such service is not published, the applicant shall pay the following rate for such services Impact fee—Independent fee review Right-of-way nonuser relinquishment review fee</p>	<p>\$75.00 per hour \$200.00, plus \$75.00 per hour of review \$375.00 for up to 5 hours' process, and \$75.00/hour thereafter</p>
<p>City trees Civil penalties for violations, per day</p>	<p>1st violation—\$200.00 2nd violation—</p>

	\$400.00
	3rd violation—\$600.00

(b) Whenever any construction work, public improvement or other activity is required or permitted to be performed upon any public right-of-way, or within or upon any property which, upon completion of said work or activity, is to be conveyed or dedicated as public right-of-way or public easement, the city shall not accept for maintenance or otherwise such work, improvement, facility or activity until there has been paid to the city by the person required or permitted to perform such work or activity an amount equal to ten percent of the estimated cost of construction of such work, improvement, facility or activity as and for reimbursement to the city for its cost of review and inspection of such work, improvement, facility or activity. In addition, prior to the release of any permit for construction of storm drainage collection and conveyance on private property the permit applicant shall pay a fee equal to ten percent of the estimated cost of construction of such work, improvement, facility or activity as and for reimbursement to the city for its cost of review and inspection of such work, improvement, facility or activity. Estimated cost of construction shall be determined by the director of the department of public works. Whenever such a review and inspection fee is required, the Public Works Department is authorized to collect up to one half of the fee at permit application with the remainder being due at permit issuance.

(c) This section shall not apply to:

(1) Work performed under public works construction contracts let by the city pursuant to Chapter 3.85 of this code; or

(2) So much of such work performed under a developer's extension agreement (Chapter 35.91 RCW facilities agreement) as is determined by the director of public works to be for the benefit of the Kirkland water or Kirkland sewer system rather than for the benefit of the property being concurrently subdivided, developed or improved by the signors to the developer extension agreement.

(d) The director is authorized to interpret the provisions of this chapter and may issue rules for its administration. This includes, but is not limited to, correcting errors and omissions and adjusting fees to match the scope of the project. The fees established here will be reviewed annually, and, effective January 1st of each year, may be administratively increased or decreased by an adjustment, rounded to the nearest dollar, to reflect the current published annual change in the Seattle Consumer Price Index for Wage Earners and Clerical Workers as needed in order to maintain the cost recovery objectives established by the city council.

Section 2. Section 19.12.090 of the Kirkland Municipal Code is hereby amended to read as follows:

19.12.090 Permit fee required.

(a) The fee for a permit to disrupt a street surface, curb or sidewalk or place a utility in the right-of-way and the fee for a street cut that will not be overlaid by the applicant causing the street cut is set forth in Section 5.74.040.

(b) Also, a street security deposit shall be paid. The street security deposit shall be in an amount determined by the director of public works to be sufficient to pay for the cost to the city to restore the street surface, curb or sidewalk in event of failure. At least annually, the director shall prepare and maintain schedules for street security deposits, which reflect the current actual cost to the city as determined by the most recent Engineering News Record Construction Cost Index. Such schedules shall at all times be available to the general public.

(c) If the work is performed by jacking or boring under the street, the entire street security deposit shall be refunded.

(d) If the street surface is disturbed and properly repaired and restored, the portion of the street security deposit as is established for refund in the schedule provided for in subsection (b) of this section shall be refunded after ninety days from the date of repair.

(e) Inspections shall be requested by the contractor at least two hours prior to backfill, in order to receive a refund.

(f) No refund of a street security deposit shall be made until sufficient time has elapsed following the completion of the disruption work to assure the fact of "nonfailure" of the restoration.

Section 3. If any provision of this ordinance or its application to any person or circumstance is held invalid, the remainder of the ordinance, or the application of the provision to other persons or circumstances is not affected.

Section 4. This ordinance shall be in force and effect five days from and after its passage by the Kirkland City Council and publication pursuant to Section 1.08.017, Kirkland Municipal Code in the summary form attached to the original of this ordinance and by this reference approved by the City Council.

Passed by majority vote of the Kirkland City Council in open meeting this ____ day of _____, 2010.

Signed in authentication thereof this ____ day of _____, 2010.

MAYOR

Attest:

City Clerk

Approved as to Form:

City Attorney

PUBLICATION SUMMARY
OF ORDINANCE NO. 4244

AN ORDINANCE OF THE CITY OF KIRKLAND RELATING TO STREET CUT FEES AND AMENDING SECTIONS 5.74.040 AND 19.12.090 OF THE KIRKLAND MUNICIPAL CODE.

SECTION 1. Amends Kirkland Municipal Code ("KMC") Section 5.74.040 by adding a street cut fee to the fee schedule for permit and administrative fees charged by the public works department.

SECTION 2. Amends KMC Section 19.12.090 by adding a reference as to where the fee schedule for street cuts is located in the KMC.

SECTION 3. Provides a severability clause for the ordinance.

SECTION 4. Authorizes publication of the ordinance by summary, which summary is approved by the City Council pursuant to Section 1.08.017 Kirkland Municipal Code and establishes the effective date as five days after publication of summary.

The full text of this Ordinance will be mailed without charge to any person upon request made to the City Clerk for the City of Kirkland. The Ordinance was passed by the Kirkland City Council at its meeting on the _____ day of _____, 2010.

I certify that the foregoing is a summary of Ordinance _____ approved by the Kirkland City Council for summary publication.

City Clerk