

CITY COUNCIL AGENDA ITEM
CITY OF SHORELINE, WASHINGTON

AGENDA TITLE: Public Hearing for the 2003 –2008 Transportation Improvement Program for the City of Shoreline
DEPARTMENT: Public Works
PRESENTED BY: Paul S. Haines, Public Works Director

PROBLEM/ISSUE STATEMENT: On July 1, 2002, staff provided Council with a list of projects that are identified in the Transportation Improvement Program (TIP). The attached TIP consists of the transportation projects identified in the Roads Capital Fund of the City's Capital Improvement Program. In accordance with federal and state requirements, a public hearing is required to solicit public comments prior to the final adoption of the TIP, which is scheduled for July 22, 2002.

RCW 35.77.010 requires that all cities, towns, counties, and transit agencies review and revise their Six -Year Transportation Improvement Program (TIP) annually. The plan needs to be submitted to the Washington State Department of Transportation (WSDOT) before August 1, 2002. A public hearing must be held prior to adoption of the revised and extended TIP. The TIP serves as the Roads Capital Fund section of the City's 2003 – 2008 Capital Improvement Program (CIP) that will be submitted to Council at tonight's meeting.

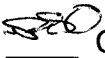
Each local TIP is used to secure federal funding for transportation projects as part of the Statewide Transportation Improvement Program (STIP). Also, the Transportation Improvement Board and the County Road Administration Board may require the inclusion of the TIP in the STIP in order to participate in grant programs administered by these agencies. The following provides a summary of the City's capital improvement projects identified in the TIP.

<u>Pedestrian/Non-Motorized Projects</u>	<u>Safety/Operations Projects</u>
• Interurban Trail • Interurban Trail Pedestrian Crossing	• Neighborhood Traffic Safety Program • Aurora Avenue North (145th St to 165th St).
• Curb Ramps Program • Pedestrian Program	• Aurora Avenue North (165th St to 205th St) Design • 15th Avenue NE (Including North City Business District Improvements)
<u>System Preservation Projects</u>	• North 160th Street @ Greenwood Ave. North Pre-Design Study
• Road Surface Maintenance Program • Annual Sidewalk Repair Program • Richmond Beach Overcrossing 167AOX	• Dayton Avenue North @ N. 175th Street Retaining Wall • 5th Avenue NE Drainage Improvements • Transportation Master Plan

RECOMMENDATION

Staff recommends that Council conduct a public hearing and solicit public comments on the proposed 2003 –2008 Six-Year Transportation Improvement Program.

Attachment: Proposed 2003 - 2008 Transportation Improvement Program

Approved By: City Manager  City Attorney N/A

City of Shoreline 2003 - 2008 Capital Improvement Plan
Interurban Trail

Orgkey: 2914095 J.L.# ST101610

Total Project Budget \$5,177,008

Project Location: North 145th Street to North 205th Street - Except for the segment from 175th to 188th.

Project Scope: Construct a pedestrian/bicycle trail including a parking lot and trail head from 145th Street along the Seattle City Light power transmission right of way. The trail is intended to go from 145th to 205th. Grant funding has been made available for all sections except the "Central" portion that is between 175th and 188th. It is expected that the "south segment" (145th to 155th) will be constructed in 2003, with the remaining segments, except the central segment, in years 2004 through 2006. The Central segment is not funded in this CIP. The Central segment design considerations will be a part of the Central Sub-Area Plan and considered as the Aurora project receives funding for this segment of Aurora improvements.

Project Justification: Provide Pedestrian and Bicycle access north-south in Shoreline. The Interurban trail is the backbone of Shoreline Pedestrian and Bicycle Plan.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$41,487									\$41,487
Pre-Design										
Design	\$714,914	\$233,785	\$233,785							\$948,699
Real Estate Acquisition										
Construction				\$1,100,000	\$1,028,941	\$1,028,941	\$1,028,941			\$4,186,822
Total Project Expenditures	\$756,401	\$233,785	\$233,785	\$1,100,000	\$1,028,941	\$1,028,941	\$1,028,941			\$5,177,008
Revenue Sources:										
Roads Capital Fund	\$322,304	\$233,785	\$233,785	\$120,421	\$725,334	\$318,253	\$284,941			\$2,005,037
WSDOT										
Federal - TEA-21	\$209,699					\$581,155				\$1,314,433
Surface Transportation Program - Urban	\$175,651			\$523,579						\$175,651
ISTEA				\$456,000			\$744,000			\$1,200,000
King County	\$48,747					\$129,533				\$178,280
IAC					\$303,607					\$303,607
Total Project Revenues	\$756,401	\$233,785	\$233,785	\$1,100,000	\$1,028,941	\$1,028,941	\$1,028,941			\$5,177,008
Impact on Operating Budget	\$0			\$10,000	\$15,000	\$20,000	\$25,000	\$25,750	\$25,523	\$95,750

This project will have a significant street and landscaping maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design	XXXXXXXX	XXXX					
Real Estate Acquisition		XXXX	XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX		
Construction			XXXXXXXXXXXX	XXXXXXXXXXXX	XXXXXXXXXXXX		

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Interurban Trail Pedestrian Crossing**

Orgkey: J.L.# Total Project Budget \$3,384,263

Project Location: Vicinity of N. 155th Street & Aurora Avenue North

Project Scope: This project includes the construction of pedestrian improvements in the vicinity of Aurora Avenue North and North 155th Street. The project will provide pedestrian/bicycle improvements to safely connect the Interurban Trail between North 155th Street and North 160th Street. The Interurban Trail runs through an area of significant population within the City, estimated at 5,000 per square mile, and will connect persons to services, other modes of transportation, employment and housing.

Project Justification: The pedestrian crossing is intended to provide continuity and a safe passageway for pedestrians and bicyclist in the vicinity of North 155th Street and Aurora Avenue North using the Interurban Trail in the City of Shoreline. The major benefits of this project include: providing connection of the Interurban Trail between 155th and about 160th across 155th street, Aurora Ave N, 160th St, and multiple commercial driveways.

This project will provide a tremendous benefit to Shoreline residents by providing a trail within the City that will provide them with recreational activities, linkage to shopping areas within and outside of the City, and connections to other trail systems in the Puget Sound region.

This project is contingent on securing grant funding from other agencies. If this project isn't funded, then the pedestrian crossing will not be constructed. Other alternatives will have to be explored to address the crossing in the vicinity of North 155th Street and Aurora Avenue North.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning										
Pre-Design										
Design										
Real Estate Acquisition										
Construction				\$534,292	\$2,849,971					\$534,292
Total Project Expenditures				\$534,292	\$2,849,971					\$3,384,263
Revenue Sources:										
WSDOT Target Zero				\$534,292						\$534,292
TEA-21					\$971,459					\$971,459
IAC Grant					\$1,611,366					\$1,611,366
Roads Capital Fund					\$267,146					\$267,146
Total Project Revenues				\$534,292	\$2,849,971					\$3,384,263
Impact on Operating Budget										

This project will have a significant street and landscaping maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design							
Real Estate Acquisition		XXXXXXXXXX					
Construction			XXXXXXXXXX	XXXXXXXXXX			

City of Shoreline 2003 - 2008 Capital Improvement Plan
Curb Ramps Program

Orgkey: 2914096

J.L.# Multiple

Project Location: Citywide

Total Project Budget \$1,320,723

Project Scope: Design and construct curb ramps, bus pads, and sidewalk repair. Curb ramps and bus pads are constructed to Americans with Disabilities Act (ADA) standards. Program could also include installation of wheelchair detection loops and audible pedestrian signals.

Project Justification: Remove barriers and increase/enhance accessibility in the community.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$22,716	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	\$57,716
Pre-Design										
Design	\$81,348	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$15,000	\$186,348
Real Estate Acquisition										
Construction	\$350,149	\$163,255	\$163,255	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$80,000	\$993,404
Total Project Expenditures	\$454,213	\$183,255	\$183,255	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,320,723
Revenue Sources:										
Roads Capital Fund	\$54,884	\$183,255	\$183,255	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$838,139
HUD Community Block Grant Program	\$311,435									\$311,435
Metro King County	\$6,060									\$6,060
Congestion Mitigation & Air Quality (CMAQ)	\$81,834									\$81,834
Total Project Revenues	\$454,213	\$183,255	\$183,255	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,320,723
Impact on Operating Budget	\$0	\$1,545	\$1,545	\$1,648	\$1,751	\$1,854	\$1,957	\$2,060	\$2,120	\$12,360

This project will have a street maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Planning							
Pre-Design							
Design	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Real Estate Acquisition	XX	XX	XX	XX	XX	XX	XX
Construction	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Pedestrian Program**

Orgkey: J.L.# Dept. Priority Total Project Budget \$600,000

Project Location: Citywide Walkways & crosswalks

Project Scope: Evaluate pedestrian safety needs, select and make annual improvements including walkways (sidewalks and paved paths) and crosswalks. Information could be used for pedestrian grant applications. Calculate pedestrian walkways rating indexes using the amount and type of pedestrians (school, handicapped, elderly), vehicle volume and speed, and widths of walkway and vehicle traveled way. Crosswalk locations would be evaluated using the pedestrian volume, crossing gaps in traffic throughout the day (hourly), speed of traffic, types of pedestrians. An initial compilation would be made, reviewed, and used for annual TIP, CIP, and budgeting prioritization as well as grant applications. This information will result in a sidewalk plan which will also provide information for any proposed bond issue that would be for park and infrastructure improvements. Primary focus will be on the City's arterials.

Project Justification: Shoreline has a high amount of pedestrian activity throughout the City with many of the arterials having narrow or little shoulder room for pedestrian traffic. Having room to walk out of the traveled way, room for vehicle evasive maneuvers, vehicle speeds, pedestrian type are the safety factors to assess and modify to improve pedestrian safety. Crossing safety exposure would be assessed using speeds (the rate of vehicle non-compliance is a function of speed), crossing gaps, visibility, crossing volumes and types.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$0			\$35,000						\$0
Pre-Design	\$0			\$13,000	\$19,000	\$19,000	\$19,000	\$19,000	\$19,000	\$35,000
Design	\$0									\$108,000
Real Estate Acquisition	\$0									\$0
Construction	\$0			\$52,000	\$81,000	\$81,000	\$81,000	\$81,000	\$81,000	\$457,000
Total Project Expenditures	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Revenue Sources:										
Roads Capital Fund	\$0			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Grant 50%	\$0			\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$300,000
Total Project Revenues	\$0	\$0	\$0	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$600,000
Impact on Operating Budget		\$0	\$0							\$0

This project will have no significant operation and maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design		XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Real Estate Acquisition							
Construction		XX	XX	XX	XX	XX	XX

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Annual Road Surface Maintenance Program**

Orgkey: 2918151
Project Location: Citywide

J.L.# N/A

Total Project Budget \$6,505,000

Project Scope: City's long-term road surface maintenance program which may include 1" and 1-1/2" asphalt re-surfacing for identified streets to repair and maintain City street system. Currently the project is done in conjunction with King County countywide projects. King County provides engineering and inspection for the project. City of Shoreline Public Works Operations Division will provide project administration, construction oversight, quality review, and final acceptance.

Project Justification: Extend the useful life of City streets by 10-12 years; increases skid resistance of the street surface; provides better ride qualities.

Phase	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:									
Planning									
Pre-Design									
Design									
Real Estate Acquisition									
Construction									
	\$1,605,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$6,505,000
Total Project Expenditures	\$1,605,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$6,505,000
Revenue Sources:									
City General Fund	\$1,605,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$1,605,000
Roads Capital Fund									\$4,900,000
Total Project Revenues	\$1,605,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$700,000	\$6,505,000
Impact on Operating Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design							
Real Estate Acquisition							
Construction	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Annual Sidewalk Repair Program**

J.L.# ST100900

Total Project Budget \$1,064,996

Orgkey: 2914152
Project Location: Citywide

Project Scope: This project repairs and replaces existing cement concrete sidewalk sections damaged by tree roots, cracking, or settlement. It also constructs new sections of sidewalk in short sections to fill existing gaps in the system.

Project Justification: The project addresses locations throughout the City as determined from an inventory compiled and maintained by the Department of Public Works. These improvements are needed to increase the safety of the users of the City's sidewalk system by eliminating damaged sections and completing missing links in the existing system. There are approximately 41 miles of arterial streets in the City. The equivalent of approximately 15 miles of those arterial streets have sidewalks on both sides, which results in 30 miles total of existing sidewalk. This program will repair or construct approximately 400 feet of sidewalk each year for a total of one half mile of sidewalk repairs and addresses approximately 1.5% of the total need.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning		\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$4,000	\$28,000
Pre-Design										
Design	\$26,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$166,000
Real Estate Acquisition										
Construction	\$173,174	\$241,822	\$241,822	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$76,000	\$870,996
Total Project Expenditures	\$199,174	\$265,822	\$265,822	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,064,996
Revenue Sources:										
City General Fund	\$199,174	\$265,822	\$265,822	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$199,174
Roads Capital Fund										\$865,822
Total Project Revenues	\$199,174	\$265,822	\$265,822	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$1,064,996
Impact on Operating Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX
Real Estate Acquisition	XX	XX	XX	XX	XX	XX	XX
Construction	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX	XXXX

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Richmond Beach Overcrossing 167AOX**

Orgkey: 2915098

J.L.# ST102700

Project Location: On Richmond Beach drive between 196th Street and 195th Place

Total Project Budget \$1,840,287

Project Scope: Replace the existing, deteriorating timber structure over the Burlington Northern Railroad with a concrete structure.

Project Justification: Replace the existing, deteriorating timber bridge over the Burlington Northern Railroad with a concrete bridge. The bridge is the sole access for the 35 homes on 27th Avenue NW.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$9,683	\$10,000	\$10,000							\$19,683
Pre-Design	\$5,839	\$33,408	\$33,408	\$49,387	\$37,040	\$74,361				\$200,035
Design					\$74,361					\$74,361
Real Estate Acquisition										
Construction	\$65,216									
						\$718,792	\$718,792			\$1,502,800
Total Project Expenditures	\$80,738	\$43,408	\$43,408	\$49,387	\$111,401	\$793,153	\$718,792			\$1,840,287
Revenue Sources:										
Roads Capital Fund		\$23,408	\$13,776	\$9,878	\$22,281	\$127,389				\$254,062
Other Agency Participation (HBRRP)	\$80,738	\$20,000	\$29,632	\$39,509	\$89,120	\$634,522	\$575,034			\$1,367,817
Private Funding (BNSF)						\$31,242	\$143,758			\$175,000
Total Project Revenues	\$80,738	\$43,408	\$43,408	\$49,387	\$111,401	\$793,153	\$718,792			\$1,840,287
Impact on Operating Budget	\$0									

This project will have a street maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design	XXXXXX	XXXXXX	XXXXXX	XXXXXX			
Design	XXXXXX	XXXXXX	XXXXXX	XXXXXX			
Real Estate Acquisition							
Construction				XXXXXXXXXX			

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Neighborhood Traffic Safety Program**

Orgkey: 2916100

J.L.# ST100300

Project Location: Citywide

Total Project Budget

\$1,326,621

Project Scope: This program began in June of 2001 and addresses speeding, volume and cut-through traffic safety (quality of life issues) on residential streets. Approximately 50 residential areas have applied to the program and 10 residential areas are actively involved in Phase I of the program (we are implementing their residential area plan). To date, no residential areas have entered Phase II, physical devices. It is anticipated that 3-5 residential areas may enter Phase II in 2002.

The need for City-wide "traffic safety" is under evaluation. This evaluation may result in the NTSP being expanded to include arterial streets or it may be incorporated into a Citywide comprehensive traffic safety program.

Project Justification: Traffic complaints on residential streets are the number one complaint/request for service the City receives from residents. Speeding, cut-through traffic and high volumes are common on residential streets citywide and lead to accidents, unsafe conditions for pedestrians, bicyclists, children and pets.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$53,546	\$18,000	\$18,000	\$5,200	\$1,700	\$1,700	\$1,700	\$1,700	\$1,700	\$85,246
Pre-Design	\$35,639			\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$134,639
Design	\$63,755	\$69,481	\$69,481	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$16,500	\$232,236
Right of Way										
Construction		\$122,000	\$122,000	\$122,500	\$126,000	\$126,000	\$126,000	\$126,000	\$126,000	\$874,500
Total Project Expenditures	\$152,940	\$209,481	\$209,481	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$1,326,621
Revenue Sources:										
Roads Capital Fund	\$152,940	\$209,481	\$209,481	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$1,536,102
Total Project Revenues	\$152,940	\$209,481	\$209,481	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$160,700	\$1,536,102
Impact on Operating Budget	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

The operation and maintenance impact to the operating budget cannot be determined until this project is fully implemented.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design							
Real Estate Acquisition							
Construction							

City of Shoreline 2003 - 2008 Capital Improvement Plan

Aurora Avenue North 145th - 165th

Orgkey: 2918120 J.L.# Multiple Total Project Budget \$30,848,648

Project Location: Aurora Avenue, N. 145th to N. 165th

Part A:

Project Scope: Add business access and transit (BAT) lanes, curbs, gutters, landscaping/street furnishings, and sidewalks on both sides; and landscaped center median safety lane with left turn and U-turn provisions. Install traffic signals at N. 152nd Street and at N. 165th. All traffic signals will be interconnected and include pedestrian crossings. Improve transit stops with new shelters. Install new street lighting, place overhead utility lines underground. Improve existing storm water drainage including water quality.

Project Justification: Improve the safety and mobility of pedestrians, transit users, people with disabilities, and drivers, along Aurora Avenue from N. 165th Street to N. 205th Street. Additionally, improve the economic development potential, enhance the livability of adjacent communities, and support the City's Comprehensive Plan.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$120,419									\$120,419
Pre-Design	\$346,868	\$285,000	\$285,000							\$631,868
Design	\$2,173,701	\$1,040,000	\$1,040,000	\$575,660						\$3,789,361
Right of Way				\$1,102,500	\$1,490,000	\$608,000				\$3,200,500
Construction						\$13,982,000	\$9,124,500			\$23,106,500
Total Project Expenditures	\$2,640,988	\$1,325,000	\$1,325,000	\$1,678,160	\$1,490,000	\$14,590,000	\$9,124,500			\$30,848,648
Revenue Sources:										
Roads Capital Fund	\$560,161	\$248,764	\$248,764	\$1,678,160	\$1,490,000	\$5,340,720	\$3,567,255			\$12,885,060
WSDOT	\$25,000									\$25,000
Statewide Competitive Program - TIB-SCP	\$786,851						\$3,307,245			\$3,307,245
Surface Transportation Program - Urban										
Pedestrian Facilities Program										
State Funding - TIB-TPP	\$191,027	\$136,736	\$136,736			\$4,260,280				\$4,588,043
State Funding - TIB (S)	\$184,310									\$184,310
Federal Funding - TEA-21 (F)	\$893,639							\$500,000		\$893,639
King County - METRO										\$500,000
Hazard Elimination System (HES)										
Federal Grant Funding										
Federal Demo Program						\$4,989,000				\$1,750,000
Federal Funding - System Preservation Program		\$939,500	\$939,500							\$4,989,000
Total Project Revenues	\$2,640,988	\$1,325,000	\$1,325,000	\$1,678,160	\$1,490,000	\$14,590,000	\$9,624,500	\$500,000		\$30,848,648

Impact on Operating Budget	\$0	\$122,570	\$126,247	\$133,936	\$512,787
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This project will have a significant street and landscaping maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design	XXXXXXXXXX						
Design	XXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Real Estate Acquisition							
Construction							

City of Shoreline 2003 - 2008 Capital Improvement Plan
Aurora Avenue North 165th-205th Design

Orgkey: 2918120 **J.L.#** Multiple **Total Project Budget** \$4,831,000
Project Location: Aurora Avenue N 165th to N 205th

Project Scope: The project parameters for this phase begin at 165th Street and extend to 205th Street. The project scope of work includes adding business access and transit (BAT) lanes, curbs, gutters, landscaping/street furnishings, sidewalks on both sides; and adding a landscaped center median safety zone with left turn and U-turn provisions. The project also includes installing traffic signals at North 182nd Street and at North 195th Street, interconnecting traffic signals which also include pedestrian crossings, improving transit stops with new shelters and new street lighting, placing overhead utility lines underground, and improving existing storm water drainage system including water quality. Improvements at major intersections to improve east-west traffic flow will also be included in project. The total cost for this phase of the work is estimated at \$59 million (in 2001 dollars), however these costs will be evaluated again as relevant work commences. The Central Sub-Area Plan will be a crucial element in considering future Aurora Avenue improvements within this corridor.

Project Justification: Improve the safety and mobility of pedestrians, transit users, people with disabilities, and drivers, along Aurora Avenue from N. 165th Street to N. 205th Street. Additionally, improve the economic development potential, enhance the livability of adjacent communities, and support the City's Comprehensive Plan.

Phase	Prior Years' Expenditures	2002 Budget	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:									
Planning			\$200,000						\$200,000
Pre-Design				\$1,036,500	\$1,077,900	\$838,866	\$838,866	\$838,866	\$2,953,266
Design									\$1,677,734
Real Estate Acquisition									
Construction									
Total Project Expenditures			\$200,000	\$1,036,500	\$1,077,900	\$838,866	\$838,866	\$838,866	\$4,831,000
Revenue Sources:									
Roads Capital Fund									
WSDOT				\$207,300	\$215,580	\$167,773	\$167,773	\$167,774	\$1,126,200
Statewide Competitive Program - TIB-SCP									
Surface Transportation Program - Urban									
Pedestrian Facilities Program									
State Funding - TIB-TPP									
State Funding - TIB (S)									
Federal Funding - TEA-21 (F)									
King County - METRO									
Hazard Elimination System (HES)									
Next Section 80% Grant				\$829,200	\$862,320	\$671,093	\$671,093	\$671,094	\$3,704,800
Federal Demo Program									
Federal Funding - System Preservation Program									
Total Project Revenues			\$200,000	\$1,036,500	\$1,077,900	\$838,866	\$838,866	\$838,868	\$4,831,000
Impact on Operating Budget			\$0						

This project will have a significant street and landscaping maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design		XXXX					
Design			XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX	XXXXXXXXXX
Real Estate Acquisition							
Construction							

City of Shoreline 2003 - 2008 Capital Improvement Plan
15th Avenue NE

Orgkey: 2916101 J.L.# ST03408
 Project Location: NE 146th Street to NE 196th Street

Total Project Budget \$6,451,144

Project Scope: Design will evaluate traffic engineering measures including: channelization, signal upgrades, mid-block crosswalks, illumination, signs & markings improve safety and accessibility working with the businesses, community, and users. Elements of three separate projects will be integrated. Three projects include: North City Business District, 15th Avenue NE Crosswalk Evaluations, and 15th Ave NE turn lane, sidewalk, signal modifications and crossing improvements.

-North City Business District Improvements Include: Signal modifications (175th, 177th, & 180th); sidewalks, crosswalks, landscaping, channelization, parking, illumination
 -15th Ave Crosswalk Evaluations: Phase A - 146th - 152nd & Phase B - 165th - 172nd
 -15th Ave NE Improvements: Turn Lane (150th-155th); Sidewalk (150th-165th); Signal Modifications (155th & 160th); 152nd Bioswale; 146th-150th Crossing Improvements

Project Justification: Vehicle & pedestrian traffic safety and accessibility improvements that have been identified in each of the three projects will be evaluated for the full corridor to obtain consistent and the best overall corridor improvements. Findings of last year's North City charrette information will be included. Improvements will serve vehicle safety and capacity to, through, and within the 15th Ave NE corridor as well as bicycle traffic, pedestrian traffic, transit, and parking. Design elements will include illumination, landscaping, crosswalks including bulb outs and materials, signing, and traffic markings (channelization). Signal warrants, capacity, sight distance, driveway access and parking are traffic engineering elements that will be used in determining the improvement features.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$7,249	\$408,000	\$408,000							\$7,249
Pre-Design				\$360,000	\$85,909	\$9,091				\$408,000
Design	\$483,895			\$234,000	\$156,000					\$938,895
Real Estate Acquisition				\$272,000	\$2,667,000	\$1,457,143	\$310,857			\$390,000
Construction										\$4,707,000
Total Project Expenditures	\$491,144	\$408,000	\$408,000	\$866,000	\$2,908,909	\$1,466,234	\$310,857			\$6,451,144
Revenue Sources:										
King County - Prior Funding	\$430,951									\$430,951
Roads Capital Fund	\$60,193	\$408,000	\$408,000	\$682,000	\$2,758,909	\$1,466,234	\$310,857			\$5,686,193
Arterial Improvement Program										
Hazard Elimination Grant (HES)				\$184,000	\$150,000					\$184,000
Pedestrian Facilities Program (PFP)										\$150,000
Total Project Revenues	\$491,144	\$408,000	\$408,000	\$866,000	\$2,908,909	\$1,466,234	\$310,857			\$6,451,144
Impact on Operating Budget	\$0					\$11,124	\$11,639	\$11,639	\$11,639	\$34,402

This project will have a street maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design	XXXXXX	XXXXXXXXXXXXXX					
Design	XXXXXX	XXXXXXXXXXXXXX					
Real Estate Acquisition	XX	XX					
Construction	XX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX	XXXXXXXXXXXXXX			

**City of Shoreline 2003 - 2008 Capital Improvement Plan
North 160th Street @ Greenwood Avenue North Pre-Design Study**

Orgkey: J.L.#
Project: North 160th Street @ Greenwood Avenue North

Project Scope: This project will improve operation and safety at the five-way intersection at N 160th Street, Greenwood Avenue N, and Innis Arden Way. A study will determine the preferred solution to the current traffic operating problems at this intersection. Solutions to be investigated include: Innis Arden Way and Greenwood Avenue N could be constructed as three lane sections with curb, gutter and sidewalks on each side; a roundabout could be installed; new traffic signals could be constructed. This project also includes bus zone and layover improvements, new sidewalk on 160th, landscaping and illumination.

Project Justification: Pedestrian safety, intersection and adjacent street congestion, inefficient transit operation and service. Congestion and backed up streets negatively impact the City's transportation network and quality of life for Shoreline residents.

Phase	Prior Years' Expenditures	2002 Budget	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:									
Planning									
Pre-Design								\$50,000	\$50,000
Design									
Real Estate Acquisition									
Construction									
Total Project Expenditures								\$50,000	\$50,000
Revenue Sources:									
Roads Capital Fund									
Arterial Improvement Program								\$50,000	\$50,000
Metro King County									
Total Project Revenues								\$50,000	\$50,000
Impact on Operating Budget									

The operation and maintenance impact to the operating budget cannot be determined until this project is fully defined.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Planning							
Pre-Design							
Design							XXXX
Real Estate Acquisition							
Construction							

**City of Shoreline 2003 - 2008 Capital Improvement Plan
Dayton Avenue North @ North 175th Street Retaining Wall**

Orgkey: J.L.# Dept. Priority Total Project Budget \$0 \$30,000

Project Location: Dayton Avenue North @ North 175th Street

Project Scope: Pre-Design will evaluate the existing 150-foot long, 10-foot+ high wall conditions, provide a pre-design report detailing options for repair or replacement as well as cost estimates for each option, long term and short term possibilities, construction timeline for each option, and liabilities of implementing a repair or "do nothing" option.

Project Justification: Currently the existing wood retaining wall is deteriorating and the adjacent roadway is subsiding. This project will analyze the current wall condition, provide repair and or replacement solutions as well as expected costs. The action will respond to the potential safety hazard this wall poses. If the wall were to continue to deteriorate and the road to subside, failure of the wall and the road is a likely possibility. This would result in limited use or even closure of Dayton at 175th and possibly endanger the existing homes below the wall.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$0			\$30,000						\$0
Pre-Design	\$0									\$30,000
Design	\$0									\$0
Real Estate Acquisition	\$0									\$0
Construction	\$0									\$0
Total Project Expenditures	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Revenue Sources:										
Roads Capital Fund	\$0			\$30,000						\$30,000
Transportation Improvement Board Grant	\$0									\$0
Total Project Revenues	\$0	\$0	\$0	\$30,000	\$0	\$0	\$0	\$0	\$0	\$30,000
Impact on Operating Budget		\$0	\$0							\$0

This project will have no significant operation and maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design		XXXX					
Real Estate Acquisition							
Construction							

**City of Shoreline 2003 - 2008 Capital Improvement Plan
5th Avenue NE Street & Drainage Improvements**

J.L.#

Onkey:
Project: 5th Ave NE (NE 175th St - NE 185th St)

Project Scope: Design and Construct a 36 foot two lane street with bike lanes, sidewalks, landscaping, illumination, and drainage that eliminates City flows to the private Pump 25 pond and reduces Ronald Bog flooding. Drainage improvements on NE 180 St may be included.

Project Justification: The shoulders serve pedestrians and bicycle traffic. Design improvements will address separating vehicle, bicycle, transit, and pedestrian traffic needs as well as flooding and utilities. In addition to traffic and flooding, design elements will include illumination, landscaping, pedestrian crossing safety such as bulb outs at intersections, signing, and traffic markings. Signal warrants, capacity, sight distance and driveway access are traffic engineering elements that will be evaluated to determine improvements.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning										\$62,000
Pre-Design										\$104,000
Design										
Real Estate Acquisition										
Construction										\$1,330,000
Total Project Expenditures							\$62,000	\$104,000	\$1,330,000	\$1,496,000
Revenue Sources:										
Roads Capital Fund										\$496,000
TIB										\$650,000
Surface Water Fund										\$350,000
Metro King County										
Total Project Revenues							\$62,000	\$104,000	\$1,330,000	\$1,496,000
Impact on Operating Budget										

The operation and maintenance impact to the operating budget cannot be determined until this project is fully defined.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design							
Design					XXXXX		
Real Estate Acquisition					XXXXXXXXXXXX		
Construction							XXXXXXXXXXXX

City of Shoreline 2003 - 2008 Capital Improvement Plan
Transportation Master Plan

Orgkey: J.L.# Total Project Budget \$250,000
 Project Location: Citywide Dept. Priority

Project Scope: Create a master list of roadway, safety, operational, pedestrian and bicycle projects as well as a Master Arterial Street plan. This effort will be coordinated with the update of the Comprehensive Plan. The product will be a master list of roadway, safety, operational, pedestrian and bicycle projects, as well as a Master Arterial Street plan. Projects will have planning level cost estimates. The product will also include a concurrency management system and will consider potential new funding sources such as a transportation impact fee for new development. Another result of the planning effort will be the development of a project prioritization process to aide in the development of future CIP's. The effort will include transportation modeling of the Comprehensive Plan land uses.

Project Justification: The update of the Comprehensive Plan and its transportation element is required by state GMA law. The plan must address all modes. GMA also requires a concurrency management system and a Transportation Facilities Plan.

Phase	Prior Years' Expenditures	2002 Budget	2002 Projected	2003 Budget	2004 Budget	2005 Budget	2006 Budget	2007 Budget	2008 Budget	Total Project Cost
Project Expenditures:										
Planning	\$0			\$150,000	\$100,000					\$250,000
Pre-Design	\$0									\$0
Design	\$0									\$0
Real Estate Acquisition	\$0									\$0
Construction	\$0									\$0
Total Project Expenditures	\$0	\$0	\$0	\$150,000	\$100,000	\$0	\$0	\$0	\$0	\$250,000
Revenue Sources:										
Roads Capital Fund	\$0			\$150,000	\$100,000					\$250,000
Total Project Revenues	\$0	\$0	\$0	\$150,000	\$100,000	\$0	\$0	\$0	\$0	\$250,000
Impact on Operating Budget		\$0	\$0							\$0

This project will have no significant operation and maintenance impact on the operating budget.

Project Time Line:	2002	2003	2004	2005	2006	2007	2008
Planning	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
Pre-Design		XXXXXXXXXX					
Design							
Real Estate Acquisition							
Construction							

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