

## City of Sammamish

Department of Public Works

Interim Six-Year
Transportation Improvement Program
2003-2008

### INTERIM SIX-YEAR TRANSPORTATION PLAN 2003 - 2008

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#### City of Sammamish, WA Interim Six Year Transportation Improvement Plan 2003-2008

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#### **OVERVIEW**

#### **Purpose**

This is the City of Sammamish Interim 6-Year Transportation Program (adopted June 18, 2002). The purpose of this document is to coordinate the City's future programs and projects. This document is required by the Revised Code of Washington (RCW) Chapters 35.77 and 36.81 to be updated annually and to be filed with the Secretary of the Department of Transportation. This document is also prepared to inform other neighboring jurisdictions of the City of Sammamish's current planning direction for transportation needs.

#### Review

This document is submitted to the Puget Sound Regional Council (PSRC) for review and inclusion in the yearly update of the Transportation Improvement Plan (TIP). Their review of projects receiving federal funding in the near term fulfills the requirement that the Regional Transportation Planning Organization (RTPO) determine that such expenditures are consistent with regionally adopted goals and plans.

#### **Project Selection**

The projects included in this document are the result of evaluation of needs in various transportation areas. The City is newly incorporated and transportation needs were one of the main reasons for incorporation. The citizens of Sammamish expressed desire to address various traffic problems and to build sidewalks, bike lanes, street lights etc. In addition, the Public Works Department receives many calls from concerned citizens requesting improvements to the City transportation network to allow for safer pedestrian use. Almost all of the projects in this document provide for non-motorized transportation and replacement of existing infrastructure. The timing of projects and the phasing of various parts are based on the anticipated funds available for each type of project, accident information, and school and commercial access routes. Understandably, the factors determining funding and priority can and do change from year to year.

#### **Program Section**

The projects included in this document are separated into the following categories;

- Project List
   Summary list of projects that are in the Six Year Transportation Plan.
- 2. Six Year Plan
  Shows detail project description, limits, schedule, and funding status.

#### **Funding Sources**

#### REVENUES

#### Arterial Street Fund

The City receives a proportionate share of the total State Motor Vehicle Fuel Tax based on population. The exact amount varies depending on the amount of fuel sold in the State. Based on the current revenue forecasts, the City of Sammamish's share for 2002 will be \$220,000.

#### General Government

The General Fund is a governmental fund supported by all City revenues which are not dedicated to a specific purpose. Because, the City does not have City Road tax, \$1,000,000 (2002) of general funds is anticipated to be transferred into the Capital Improvement Plan to finance the transportation projects.

#### Surface Water Management Funds

The City collects a surface water management fee on each City parcel to finance the storm drainage element of various road improvement projects. In addition, the City uses revenues from the Surface Water Management Fund, which is utilized to finance capital improvement storm drainage projects. Estimated SWM funds for 2002 are approximately \$600,000.

#### Real Estate Excise Tax

The Real Estate Excise Tax is levied on all sales of real estate, measured by the full selling price. The City has authorized a locally imposed tax of 0.5% in two 0.25% increments. Any local real estate excise tax must be spent for local capital improvements. The amount of the tax collected depends totally upon real estate sales activity.

#### FEDERAL FUNDING PROGRAMS (T-21)

Federal programs are currently funded under the Transportation Efficiency Act for the 21<sup>st</sup> Century (T-21) of 1991. These programs are administered by the Washington State Department of Transportation (WSDOT) Local Programs Division in conjunction with the Puget Sound Regional Council (PSRC) and the Regional Federal Highway Engineer.

#### T-21

T-21 funds are available to local jurisdictions through a variety of competitive grant programs managed through the Washington State Department of Transportation and the Puget Sound Regional Council.

#### City of Sammanish, Washington

#### STATE FUNDING SOURCES (TPP, AIP, TIB)

State funding programs are administered to counties and cities through the Transportation Improvement Board (TIB) and the County Road Administration Board (CRAB). The TIB administers the Transportation Partnership Program (TPP), the Arterial Improvement Program (AIP) and the Pedestrian Safety & Mobility Program (PSMP). The CRAB administers the Rural Arterial Program (RAP). The following descriptions identify specific on each program.

#### TIB

The Transportation Improvement Board (TIB) utilizes Motor Vehicle Fuel Tax funds to finance projects that will reduce existing congestion, improve roadway safety and provide structural integrity needed to carry vehicular loads on the roadways. Typically projects are eligible for a cost reimbursement of 80 percent with a minimum 20 percent match, although higher local matching ratios up to 60% are often required depending on the size and the cost-benefit ratio of the project

#### TPP

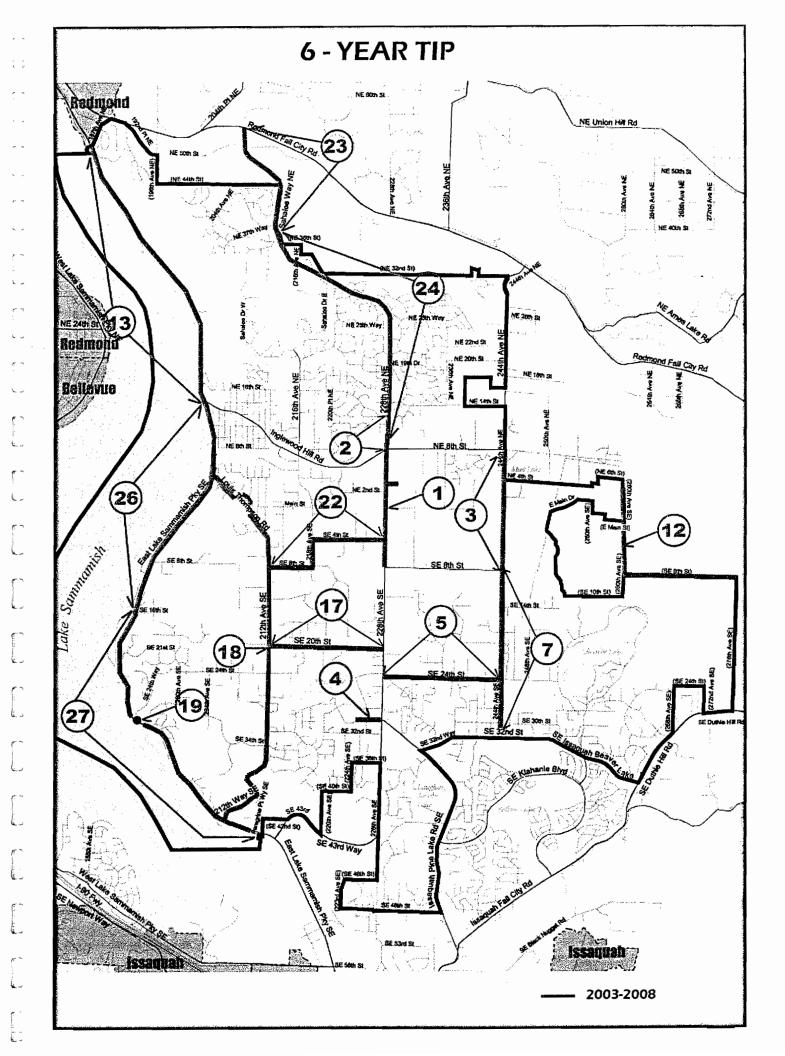
The Transportation Partnership Program (TPP), created by the State Legislature in 1988, is funded by 1 1/2 cents of the Motor Vehicle Fuel Tax. Through its project selection process, the TIB requires multi-agency planning and coordination and public/private cooperation to further the goal of achieving a balanced transportation system in Washington State. Projects selected for funding must be attributable to congestion caused by economic development or growth; consistent with state, regional, and local transportation plans (including transit and rail); and be partially funded by local contributions.

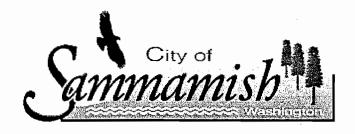
#### AIP

The Arterial Improvement Program (AIP) is administered by the TIB, utilizing Motor Vehicle Fuel Tax funds to finance projects that will reduce existing congestion, improve roadway safety, and provide structural integrity needed to carry vehicular loads imposed on the roadways. Eligible projects are eligible for a cost reimbursement of 80 percent with a 20 percent local match.

#### **PSMP**

The Pedestrian Safety & Mobility Program is administered by the TIB, and provides funding to enhance and promote pedestrian mobility and safety as a viable transportation choice., with a minimum local match of 20 percent.





228th Avenue Phase 1C **Project Name:** 

SE 8th to NE 8th **Project Limit:** 

**Principal Arterial Functional Classification:** 

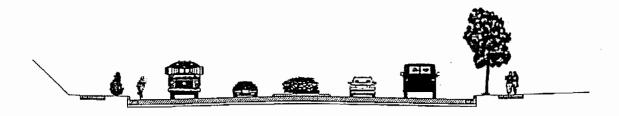
**Priority Number:** 1

**Project Description:** to 4-lane arterial with median landscaping and left-turn lanes as needed. Includes landscape strip between curb and sidewalks, 6-foot sidewalk on west side and 12-foot

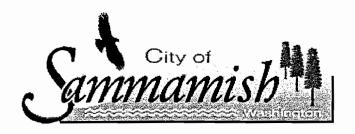
bike and pedestrian trail on east side. It is expected that construction of improvements under the Sahalee Way Phase II project including a traffic signal at the intersection of 228th and NE 12th Street will be merged

Complete the widening of 228th Ave (SE 8th to NE 8th)

with the construction contract for this project.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2003	
Right-of-Way	2003	\$30
Construction	2003	\$3,500
Total Project Cost	·	\$3,530



**Project Name:** 

228th Avenue NE

**Project Limit:** 

NE 8<sup>th</sup> Street to NE 12<sup>th</sup> Place

**Functional Classification:** 

**Principal Arterial** 

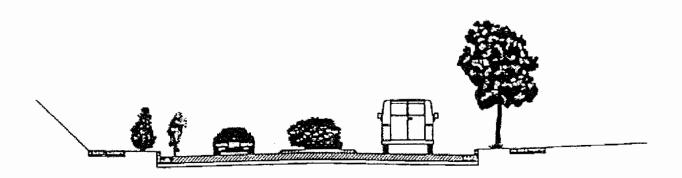
**Priority Number:** 

2

**Project Description:** 

Transition of the 228<sup>th</sup> 1C project from 5 lanes at NE 8<sup>th</sup> Street back to two lanes north of NE 12<sup>th</sup> Place, which includes traffic signal, turn lanes and u-turn widening

at NE 12th Place.



**Year** 

Cost (1,000's)

**Preliminary Engineering** 

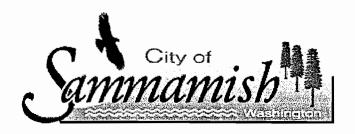
Right-of-Way

Construction

2003

\$500

**Total Project Cost** 



**Project Name:** 

244<sup>th</sup> Avenue Phase I

**Project Limit:** 

SE 8th to NE 8th

**Functional Classification:** 

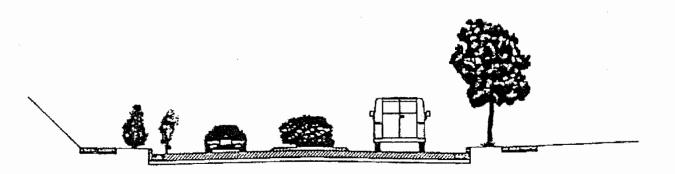
**Minor Arterial** 

**Priority Number:** 

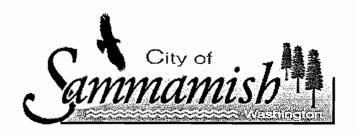
3

**Project Description:** 

Construct 2-lane urban street with median landscaping and left-turn lanes as needed. Includes on-street bike lanes, landscape strip between curb and sidewalks, and storm drainage improvements. The initial work on this project will be a route study to identify costs, alignment and environmental constraints, issues and mitigation.



	Year	Cost (1,000's)
Preliminary Engineering	2003-04	\$750
Right-of-Way	2004-05	\$300
Construction	2005-06	\$6,200
Total Project Cost		\$7,250



**Project Name:** 

Issaquah Pine Lake Road Extension

**Project Limit:** 

228th Ave SE to 224th Pl SE

**Functional Classification:** 

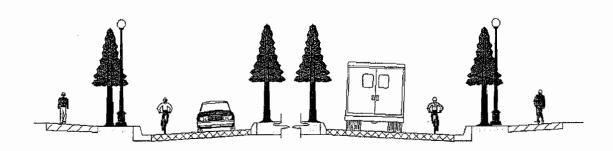
**Collector Arterial** 

**Priority Number:** 

4

**Project Description:** 

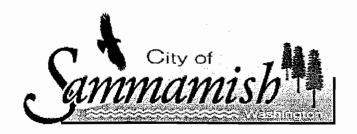
Construct 2-lane collector arterial. Includes on-street bike lanes, landscape strip between curb and sidewalks. This new roadway connection will extend from 224th Place SE to the signalized intersection of 228th Ave/Issaquah-Pine Lake Rd, adding a west leg to that intersection. Design of this roadway will also accommodate access to a future park and ride lot.



	<u>Year</u>	Cost (1,000's)
<b>Preliminary Engineering</b>	2003	\$270
Right-of-Way	2004	\$620
Construction	2004	\$1,360

**Total Project Cost** 

\$2,250



**Project Name:** 

SE 24<sup>th</sup> Street Walkway

**Project Limit:** 

228th Ave SE to 244th Ave SE

**Functional Classification:** 

**Collector Arterial** 

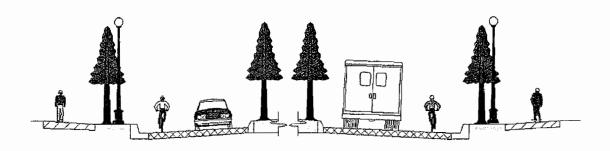
**Priority Number:** 

5

**Project Description:** 

Complete missing links to create continuous walkway between the schools and parks on either end of the

route.

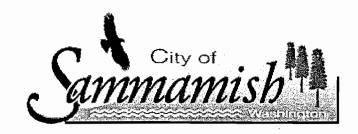


Year Cost (1,000's)
Preliminary Engineering 2003 \$30

Right-of-Way

Construction 2003 \$658

Total Project Cost \$688



**Project Name:** 

**Overlay Program** 

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

6

**Project Description:** 

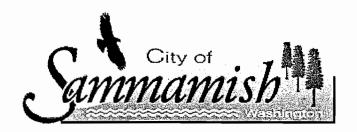
This program provides for the construction cost of the City's annual street overlay program and other major maintenance and rehabilitation. Streets to be overlayed are prioritized through an on-going Pavement Management System (PMS) which includes regular pavement condition surveys and analysis to determine the most cost effective, life cycle maintenance activities. The PMS is funded through the Street Fund annual operating budget.

Preliminary Engineering 2003-08 \$50

Right-of-Way

Construction 2003-08 \$1,450

Total Project Cost \$1,500



**Project Name:** 

244th Avenue Phase II

**Project Limit:** 

SE 32<sup>nd</sup> Street to SE 8<sup>th</sup> Street

**Functional Classification:** 

**Minor Arterial** 

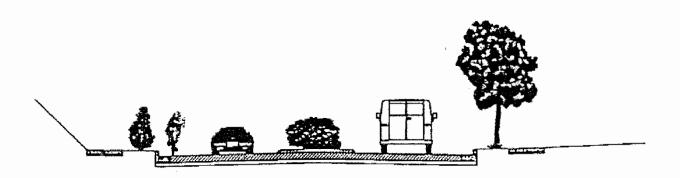
**Priority Number:** 

7

**Project Description:** 

Construct 2-lane city street with median landscaping and left-turn lanes as needed. Includes on-street bike lanes, landscape strip between curb and sidewalks, and

storm drainage improvements.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2006-07	\$1,000
Right-of-Way	2006-07	\$600
Construction	2007	\$6,600

**Total Project Cost** 

\$8,200



**Project Name:** 

Sidewalk Projects

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

8

**Project Description:** 

Various sidewalk projects. Includes gap projects, extensions, and safety improvements. Projects are prioritized based on a number of factors with accidents, injuries and school walking route safety being the highest priorities. The school districts set priorities for

school walkway projects.

<u>Year</u>

Cost (1,000's)

**Preliminary Engineering** 

2003-08

\$144

Right-of-Way

Construction

2003-08

\$1,056

**Total Project Cost** 

\$1,200,000



**Project Name:** 

**Intersection And Safety Improvements** 

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

9

**Project Description:** 

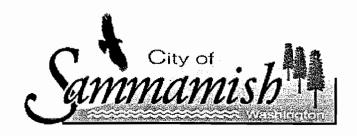
Various intersections and other spot improvements as needed. Including channelization, signing, safety improvements, signalization, or other traffic control devices. Experience shows that there is an annual ongoing need to improve intersections. Usually by the time a problem is identified, there is a fairly immediate need to correct it. Also included in this program is funding for traffic engineering work for improvements such as the modification of signal timings and channelization which can involve low cost construction, but a higher percentage of engineering.

Preliminary Engineering 2003-08 \$180

Right-of-Way

Construction 2003-08 \$300

Total Project Cost \$480



**Project Name:** 

Neighborhood Capital Improvement Program

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

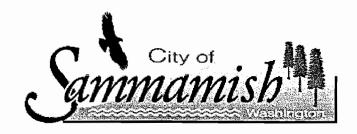
**Priority Number:** 

10

**Project Description:** 

capital improvements. Including improvements, gap projects, bike routes, pedestrian safety enhancements, and school zone safety improvement projects. For the most part these projects get initiated by requests from residents. Many of these are referred to the Neighborhood Traffic Management Program (NTMP) through which wider neighborhood involvement is sought to assure there is consensus among the residents in the area on how best to approach the problem.

	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2003-08	\$72
Right-of-Way		
Construction	2003-08	\$528
Total Project Cost		\$600



**Project Name:** 

**Street Lighting Program** 

**Project Limit:** 

Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

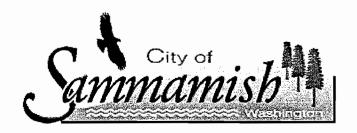
11

**Project Description:** 

Provide street lighting at high priority locations with significant safety concerns which can be improved with

better street lighting.

	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2003-08	\$6
Right-of-Way		
Construction	2003-08	\$54
Total Project Cost		\$60



**Project Name:** 

**Trossachs Blvd SE Extension** 

**Project Limit:** 

SE 8th St to Main Street

**Functional Classification:** 

**Collector Arterial** 

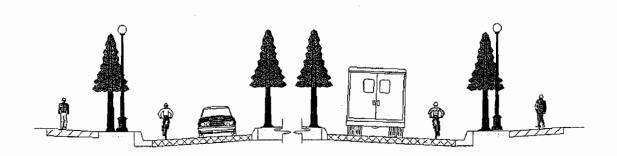
**Priority Number:** 

12

**Project Description:** 

Construct 2-lane urban street with left-turn lanes as needed. Includes on-street bike lanes, landscape strip between curb and sidewalks. A specific alignment for

this route has not been identified.



<u>Year</u>

Cost (1,000's)

**Preliminary Engineering** 

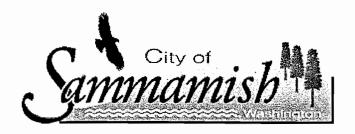
2008

\$350

Right-of-Way

Construction

**Total Project Cost** 



**Project Name:** 

East Lake Sammamish Parkway Phase I

**Project Limit:** 

Inglewood Hill Rd to 187th Ave NE

**Functional Classification:** 

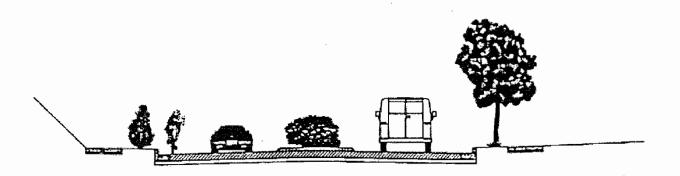
**Minor Arterial** 

**Priority Number:** 

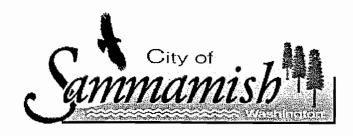
13

**Project Description:** 

Construct 2-lane minor arterial with median landscaping and left-turn lanes as needed. Includes onstreet bike lanes, landscape strip between curb and sidewalks. Coordinate with regional non-motorized facilities. The Parkway bike lanes will serve as local collectors and access to the East LK Sammamish Trail.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2005-06	\$260
Right-of-Way	2006	\$130
Construction	2007	\$2,150
<b>Total Project Cost</b>		\$2,540



**Project Name:** 

**GMA Capital Facilities Program** 

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

14

**Project Description:** 

This program provides funding for the development and annual updating of a Capital Facilities Program tied to the City's Comprehensive Land Use Plan in accordance with Growth Management Act requirements. Activities include planning, data collection, analysis, cost estimating, funding analysis and capital programming for streets, non-motorized, transit and HOV facilities. These planning efforts need to be coordinated and put forward to be included in the plans of state and regional agencies in order for

Sammamish to qualify for grant funding.

**Year** 

Cost (1,000's)

**Preliminary Engineering** 

2003-08

\$90

Right-of-Way

Construction

**Total Project Cost** 



**Project Name:** 

Project Development and Pre-Design

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

15

**Project Description:** 

This program provides funding for pre-design engineering, analysis and data collection to support the development of new projects and grant applications. Also provides for review of other agency projects to

assure they benefit the city.

**Year** 

Cost (1,000's)

**Preliminary Engineering** 

2003-08

\$90

Right-of-Way

Construction

**Total Project Cost** 



**Project Name:** 

**Transportation Mitigation And Concurrency Program** 

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

16

**Project Description:** 

This program provides partial funding to create and maintain programs and processes required to operate on-going Transportation Mitigation and Concurrency Programs. Included is a developer mitigation impact fee program, establishment and maintenance of level-ofservice standards and transportation **GMA** concurrency. Additional funding for staff and consultant expense required to fully operate these programs will need to come from fees paid by developers for the City to review and implement these programs.

<u>Year</u>

Cost (1,000's)

Preliminary Engineering

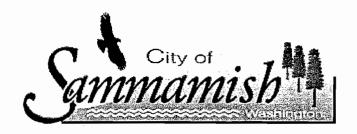
2003-08

\$50

Right-of-Way

Construction

**Total Project Cost** 



**Project Name:** 

SE 20<sup>th</sup> Street

**Project Limit:** 

212th Ave SE to 228th Ave SE

**Functional Classification:** 

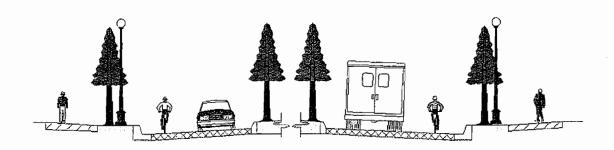
Collector Arterial

**Priority Number:** 

17

**Project Description:** 

Construct two lane collector arterial with turn lanes as needed and curb, gutter, sidewalk and bicycle facilities.



<u>Year</u> <u>Cost (1,000's)</u>

**Preliminary Engineering** 

2006

\$300

Right-of-Way

Construction

2007

\$3,000

**Total Project Cost** 

\$3,300



**Project Name:** 

212th Ave SE / Louis Thompson Rd

**Project Limit:** 

ELS Pkwy SE to ELS Pkwy NE

**Functional Classification:** 

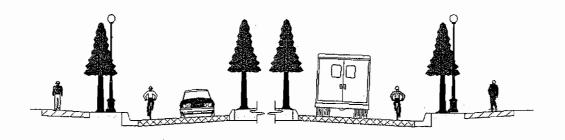
Collector Arterial

**Priority Number:** 

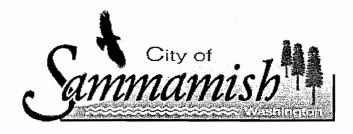
18

**Project Description:** 

Construct 2-lane collector arterial with median landscaping and left-turn lanes as needed. Includes onstreet bike lanes, landscape strip between curb and sidewalks. The completion of these improvements to bring this street up to urban design standards will need to be an on-going program. Most of the improvements in the immediate future are anticipated to be performed by private developments as part of required frontage improvements. This project provides funding to address the most critical spot improvements as needed along the length of 212<sup>th</sup>.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2005-06	\$115
Right-of-Way	2006	\$30
Construction	2006	\$555
<b>Total Project Cost</b>		\$700



**Project Name:** 

E Lake Sammamish Pkwy / SE 24th Street Intersection

**Project Limit:** 

**Intersection Improvement** 

**Functional Classification:** 

Minor and Collector Arterial

**Priority Number:** 

19

**Project Description:** 

Construct turn lanes and traffic signal. Estimate includes design only. Construction is estimated at an

additional \$1.7 million.

<u>Year</u>

Cost (1,000's)

**Preliminary Engineering** 

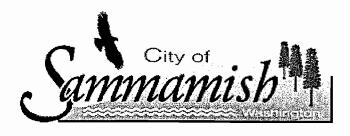
2008

\$300

Right-of-Way

Construction

**Total Project Cost** 



Project Name:

**City Entrance Signs** 

**Project Limit:** 

Various to Various, Citywide

**Functional Classification:** 

N/A

**Priority Number:** 

**20** 

**Project Description:** 

Design and install city entrance signs at "gateway" locations along streets entering the City. The budget assumes that specific site plans and construction management will be performed by City staff. Parks

Department is the lead for this project.

	<u>Year</u>	Cost (1,000's)
Preliminary Engineering		
Right-of-Way		
Construction	2003-08	\$30
	•	
Total Project Cost		\$30



**Project Name:** 

SE 8th / 218th / SE 4th Street

**Project Limit:** 

212th Ave SE to 228th Ave SE

**Functional Classification:** 

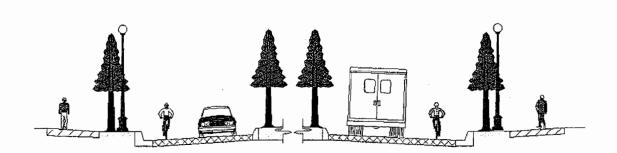
**Collector Arterial** 

**Priority Number:** 

22

**Project Description:** 

This is currently a narrow two-lane road with no shoulders or sidewalks. It is anticipated that the new municipal complex planned south of SE 4<sup>th</sup> will include some roadway improvements to improve access and safety on this street. This project will provide funds to undertake additional street and pedestrian improvements.



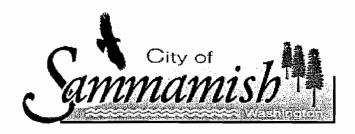
 Year
 Cost (1,000's)

 Preliminary Engineering
 2004
 \$200

Right-of-Way

**Construction** 2005 \$2,000

Total Project Cost \$2,200



**Project Name:** 

Sahalee Way NE Phase 1

**Project Limit:** 

NE 37<sup>th</sup> to SR 202

**Functional Classification:** 

Principal Arterial

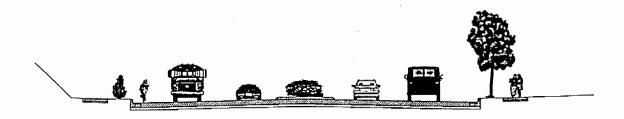
**Priority Number:** 

23

**Project Description:** 

For the current six-year period all that is being projected are small scale intersection and sidewalk

improvements on Sahalee Way NE.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2006	\$15
Right-of-Way		
Construction	2007-08	\$190
Total Project Cost		\$205



**Project Name:** 

Sahalee Way NE Phase 2

**Project Limit:** 

NE 8<sup>th</sup> to NE 37th

**Functional Classification:** 

**Principal Arterial** 

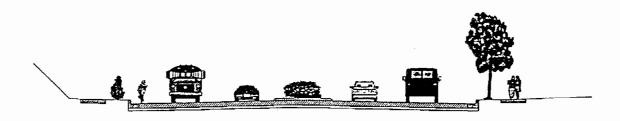
**Priority Number:** 

24

**Project Description:** 

For the current six-year period all that is being projected are small-scale intersection and sidewalk

improvements on Sahalee Way NE.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2007	\$10
Right-of-Way		
Construction	2008	\$90
Total Project Cost		\$100



**Project Name:** 

SR 202 With HOV

**Project Limit:** 

N/A

**Functional Classification:** 

**Principal Arterial** 

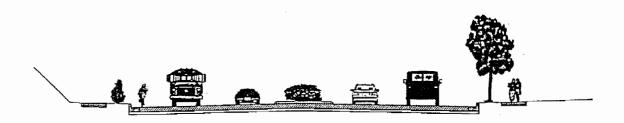
**Priority Number:** 

25

**Project Description:** 

This provides funding for the City to participate in the WSDOT SR-202 project if needed to assure that City interests are addressed in the project, including the planning for future High Occupancy Vehicle (HOV)

lanes and/or queue jump.



**Year** 

Cost (1,000's)

**Preliminary Engineering** 

2003

\$10

Right-of-Way

Construction

**Total Project Cost** 



**Project Name:** 

East Lake Sammamish Parkway Phase II

**Project Limit:** 

Inglewood Hill Road to SE 16th Street

**Functional Classification:** 

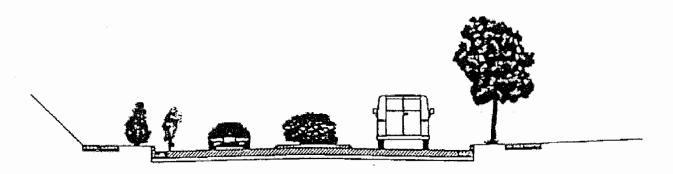
Minor Arterial

**Priority Number:** 

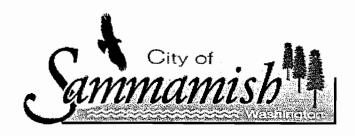
**26** 

**Project Description:** 

Ultimate built out calls for a 2-lane minor arterial with median landscaping and left-turn lanes as needed. Includes on-street bike lanes, landscape strip between curb and sidewalks. The current six-year funding plan provides for spot improvements in areas determined to be highest priority.



	<u>Year</u>	Cost (1,000's)
Preliminary Engineering	2007-08	\$35
Right-of-Way		
Construction	2007-08	\$265
Total Project Cost		\$300



**Project Name:** 

East Lake Sammamish Parkway Phase III

**Project Limit:** 

SE 16<sup>th</sup> Street to SE 43<sup>rd</sup> Way

**Functional Classification:** 

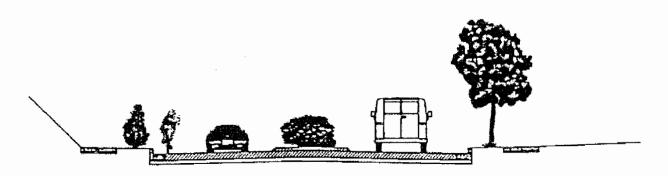
Minor Arterial

**Priority Number:** 

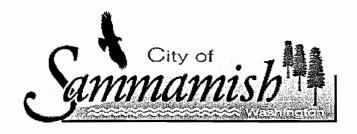
27

**Project Description:** 

Ultimate built out calls for a 2-lane minor arterial with median landscaping and left-turn lanes as needed. Includes on-street bike lanes, landscape strip between curb and sidewalks. The current six-year funding plan provides for spot improvements in areas determined to be highest priority.



	Year	Cost (1,000's)
Preliminary Engineering	2007-08	\$50
Right-of-Way		
Construction	2007-08	\$50
Total Project Cost		\$100



**Project Name:** 

**Roadway Stability Studies** 

**Project Limit:** 

N/A

**Functional Classification:** 

N/A

**Priority Number:** 

28

**Project Description:** 

Analyze the geotechnical stability of roadway bases and adjacent slops in areas where significant slides, movement and settling is occurring. Current identified locations include 212<sup>th</sup> Way SE (Snake Hill) and the

southern portion of E Lake Sammamish Parkway.

**Year** 

Cost (1,000's)

**Preliminary Engineering** 

2003

\$75

Right-of-Way

Construction

**Total Project Cost** 



### CITY OF SAMMAMISH WASHINGTON

**RESOLUTION NO. R2002-115** 

## A RESOLUTION OF THE CITY OF SAMMAMISH, WASHINGTON, ADOPTING AN UPDATED INTERIM SIXYEAR TRANSPORTATION PLAN FOR 2003-2008

WHEREAS, state law requires the legislative body of each city to prepare and adopt a comprehensive transportation plan for the ensuing six years; and

WHEREAS, the purpose of such plan is to assure that each city shall have plans looking to the future, for not less than six years, as a guide in carrying out a coordinated transportation program; and

WHEREAS, if a city has adopted a comprehensive plan, state law provides that the transportation plan shall be consistent with the comprehensive plan; and

WHEREAS, the City is in the process of adopting its first comprehensive plan and, until the comprehensive plan is completed and adopted, the City Council desires to adopt an interim transportation plan; and

WHEREAS, the adoption of an interim transportation plan will allow the City to coordinate current planning efforts, mitigate certain transportation impacts, and pursue grant funding for transportation projects; and

WHEREAS, the City has conducted an environmental review of the plan in accordance with the State Environmental Policy Act, Chapter 43.21C RCW; and

WHEREAS, the City Council has conducted a public hearing to receive comments on the proposed interim plan;

#### NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF SAMMAMISH, WASHINGTON, DO RESOLVE AS FOLLOWS:

Section 1. Adoption of Interim Plan. The City hereby adopts the Interim Six-Year Transportation Plan, 2003-2008, attached hereto as Exhibit "A" and incorporated herein by reference.

Section 2. Severability. Should any section, paragraph, sentence, clause or phrase of this Ordinance, or its application to any person or circumstance, be declared unconstitutional or otherwise invalid for any reason, or should any portion of this Ordinance be pre-empted by state or federal law or regulation, such decision or pre-emption shall not affect the validity of the remaining portions of this Ordinance or its application to other persons or circumstances.

## City of Sammamish State Environmental Policy Act (SEPA) Environmental Checklist

#### PART I: PROJECT INFORMATION

1. Name of the Proposal:

City of Sammamish Interim Six-Year

Transportation Improvement Plan,

2003-2008

2. Applicant:

a. Name:

City of Sammamish

b. Address:

486 228th Avenue NE

c. City, State ar

City, State and Zip: Sammamish, WA 98074

d. Phone:

425-898-0660

3. Agent:

a. Name:

John Cunningham, Assistant City Manager/

Director of Public Works

b. Address:

Same as above

c City State ar

City, State and Zip: Same as above

d. Phone:

425-836-7913

- 4. Description of the Proposal: A six-year planning document for improvements to the City's transportation system to serve on an interim basis until the circulation element of the City's Comprehensive Plan is complete. This Plan is referred to as the "Interim 6-Year Transportation Improvement Plan (T.I.P.)."
- 5. Scale of the Proposed Project:
  - a. Size of the site in acres: The City of Sammamish occupies about 22 square miles.
  - b. Total area of proposed building in square feet: Does not apply.
- 6. Location of the Proposed Project:
  - a. Site address: Locations of project proposed in this Plan are shown on the attached map.
  - b. Tax parcel number: **Does not apply.**
- 7. Comprehensive Plan designation of the site: All plan designations in the City are impacted.
- 8. Zoning of the site: All zoning designations in the City are impacted.
- 9. Shoreline Designation of the site: All four shoreline designations are impacted.

- 10. Description of the existing site: The City of Sammamish is a suburban community of about 34,000 people occupying the rolling plateau immediately east of Lake Sammamish. It includes eleven miles of Lake Sammamish waterfront between Redmond and Issaquah and two large lakes (Beaver and Pine). The land uses are almost exclusively residential, predominantly single-family, with two small shopping areas and no non-retail employment. The City is about half built-out within its existing boundaries.
- 11. Adjacent land uses: The City is bounded on the north by the City of Redmond, on the west by Lake Sammamish, on the south by the City of Issaquah, and on the east by the urban growth boundary above the eastern edge of the Snoqualmie River valley.
- 12. Estimate of timing for completion: The plan outlines a six-year program of improvements from 2003 to 2008. The plan will be amended annually and again when the Transportation element of the Comprehensive Plan is complete.
- 13. List any environmental surveys or reports that have been prepared relating to this proposal: The City has inventoried existing street capacities and traffic counts, constructed a transportation model, and prepared several reports and studies leading to the proposed Interim Plan. As each project contained in this Interim T.I.P. is undertaken, it will be required to complete its own separate SEPA process prior to construction.

#### PART II: ENVIRONMENTAL IMPACTS

- 1. Earth
  - a. General description of the site (circle one):
    - i. Flat
    - ii. Rolling
    - iii. Hilly
    - iv. Steep slopes
    - v. Other (describe): All topographic conditions are represented.
  - b. What is the steepest slope on the site (in percent slope)? Some streets contain slopes of 10-12%.
  - c. What general types of soil are found on the site? A full range of soil types will be encountered.
  - d. Are there any surface indications or history of unstable soils on the site, or in the immediate vicinity? Several streets show a history of unstable soils, particularly 212th Avenue SE between SE 30th Street and East Lake Sammamish Parkway. There are also some unstable soils in the wetland fill areas along East Lake Sammamish Parkway.

- e. Do you propose any filling or grading on the site? If so, describe, including the source of any fill. Nearly all street projects will require both filling and grading. The sources of fill will vary by project.
- f. Could soil erosion occur as a result of clearing, construction or use? If so, describe. Yes, soil erosion could occur without appropriate control measures.
- g. What measures will you take to reduce and control erosion on the site? All street construction projects will include strict provisions for erosion control as required by City ordinance and the City's Surface Water Drainage Manual. The specific measures will vary by project.
- h. About what percentage of the site will be impervious surface after construction? Typically, about 65% of the right-of-way is impervious following road construction to City of Sammamish Standards.

#### 2. Air

- a. What types of emissions to the air might result from the proposal (for example, dust, automobile exhaust, smoke, etc.)? If any, describe, including quantities. During construction, street projects generate dust and exhaust from construction vehicles. Automobile exhaust emission will also increase due to idling resulting from construction traffic delays. Completed street projects that increase capacity may reduce overall automobile exhaust emissions by increasing speeds and reducing delay, congestion and idling.
- b. Are there off-site sources of air emissions that could affect your proposal? No.
- c. What measures will you take to reduce and control emissions to the air, if any? Dust will be controlled during construction in accordance with City requirements.

#### 3. Water

- a. Surface water
  - i. Describe any surface water bodies (lakes, streams, ponds, or wetlands) on, or in the immediate vicinity of the site. The City of Sammamish includes eleven miles of Lake Sammamish waterfront, all of Beaver and Pine Lakes, and about fifteen streams in three major basins: Lake Sammamish, Bear Creek and Issaquah Creek.
  - ii. Will the proposed project require any work over, in or within 200 feet of the described surface water bodies? Some street projects will be within 200 feet of these surface water bodies.

- iii. Will any amount of fill be placed in or removed from the surface water bodies? If so, describe the approximate quantities and source and/or disposal site for these materials? *None is anticipated*.
- iv. Will the proposed project require surface water withdrawals or diversions? If so, describe, including the purpose and approximate quantity. *None is anticipated*.
- v. Does the proposed site lie within the 100-year floodplain? If so, show the floodplain boundary on the attached site plan. Some portions of the proposed improvements to East Lake Sammamish Parkway lie within the 100-year flood plain.
- vi. Does the proposal involve any discharges of waste materials to surface waters? If so, describe the type of waste and anticipated volumes. *None are anticipated*.

#### b. Ground water

- i. Does the proposal involve withdrawal from, or discharge to, ground water? If so, describe the purpose and anticipated volumes. *None are anticipated*.
- ii. Does the proposal anticipate discharge from a septic system or similar source? If so, describe. **No.**

#### 4. Plants

- a. Circle any of the following types of vegetation found on the site, and list specific species for circled types:
  - i. Deciduous trees: Alder, Maple, Birch, Aspen
  - ii. Evergreen trees: Fir, Cedar, Pine, Hemlock
  - iii. Shrubs: All typical lowland Puget Sound native species, plus domesticated landscape varieties.
  - iv. Pasture: Typical species in mostly abandoned, but some active, horse and cattle pastures.
  - v. Grass: All typical urban species.
  - vi. Crop or grain: None
  - vii. Wet soil plants: Cattail, Buttercup, Skunk Cabbage, Bulrush
  - viii. Water plants: Water lily, Eelgrass, Milfoil
  - ix. Other types of vegetation: Typical to disturbed Puget Sound suburban environments.
- b. What kinds and amounts of vegetation will be removed or altered by the proposed project? All street projects will remove and alter vegetation according to the scale of the project. Some new vegetation will be added by landscape plantings to include trees and perennial plants of various varieties.

- c. Are any threatened or endangered species known to exist on the site? If so, describe. *None are known*.
- d. Does this proposal include any landscaping, use of native plants, or other measures to preserve or enhance vegetation on the site? If so, describe. All street projects include landscape elements that preserve some native plants, remove others, and add new plants to the right-of-way corridor.

#### 5. Animals

- a. Circle below, any animals that have been observed, or are known to be, on the proposed site:
  - i. Birds: hawk, owl, heron, eagle, songbirds
  - ii. Mammals: deer, bear, beaver
  - iii. Fish: bass, salmon, trout
  - iv. Reptiles: snakes, toads, frogs, lizards
- b. Are there any threatened or endangered animal species known to be on or near the site? If so, describe. ESA listed salmon species are present in some City streams and in Lake Sammamish.
- c. Is the site known to be part of a migration route for any animal? If so, describe. *None is known*.
- d. Is the site on or near a known protected area for animals or wildlife corridor? If so, describe. Wildlife corridors have been identified in the King County Comprehensive Plan. They are not currently protected by City regulations, but may be in the future when the City's Comprehensive Plan and implementing ordinances are adopted.
- e. Does this proposal include any measures to preserve, protect or enhance wildlife? If so, describe. All street projects will provide run-off protection for streams to preserve and enhance salmon habitat, as required by State and Federal laws and City ordinances.

#### 6. Energy and Natural Resources

- a. Circle below any type of energy that will be required to meet the needs of the proposed project. Describe the source and use of each circled type.
  - i. Electricity: for street lighting and traffic signals
  - ii. Natural gas:
  - iii. Heating oil:
  - iv. Gasoline: for construction vehicles and equipment
  - v. Diesel fuel: for construction vehicles and equipment
  - vi. Propane:
  - vii. Wood: for construction purposes, for sign posts
  - viii. Solar:
  - ix. Other:

- b. Would this project affect the potential use of solar energy by adjacent properties? If so, describe. **No.**
- c. Does this proposal include any measures to conserve energy? If so, describe. No, other than fossil fuels use reduced as a result of traffic circulation improvements and congestion reduction resulting from construction of projects contained in this Interim T.I.P.

#### 7. Environmental Health

- Fire and hazardous waste.
  - i. Are there any environmental health problems, such as exposure to toxic chemicals, risk of fire or explosion, or spill of hazardous waste, which could occur as a result of this proposal? If so, describe. None are anticipated.
  - ii. Would any special emergency services be required to deal with these risks? If so, describe. **No.**
  - iii. Does the proposal include any measure to reduce or control any risks of fire or the release of hazardous wastes? If so, describe. No special measures beyond routine construction site preparedness.

#### b. Noise.

- i. Are there any existing noises near the site that might affect this project? If so, describe. No.
- ii. What types and levels of noises will be generated during the construction phase of this proposed project? Heavy equipment noises will be generated during construction.
- iii. Will this project be the source of any noticeable noise when completed? If so, describe. Street projects that increase capacity and traffic will result in more long-term traffic related noise for immediately adjacent properties.
- iv. Does this proposal include any measures to reduce or control any potentially adverse impacts of noise? If so, describe. Construction hours will be limited by City ordinance. In some cases, specific projects will include the construction of fences and the installation of landscaping to "screen" adjacent properties from the roadways being constructed under this Interim T.I.P..

#### 8. Land and Shoreline Use.

a. Describe the current use of the site, including any structures. Most existing rights-of-way contain developed roadways now, many of them

- substandard. Some new rights-of-way, now mostly vacant, will be acquired for some new roadway corridors.
- b. Describe the uses of properties adjacent to the proposed site. See response to question 10, Part I, above.
- c. Will this project include the demolition of any existing structures? If so, describe. None are anticipated at this time, but some specific street projects may require removal of structures.
- d. Will the proposed project displace any persons or business? If so, describe.

  Almost certainly not, but future right-of-way needs for some street
  project may require removal of structures, which may be occupied and
  require relocation of existing residents or businesses.
- e. Approximately how many people will live or work in the completed project?

  \*\*Does not apply.\*\*

#### 9. Housing

- a. Will the proposed project displace any existing housing units? If so, describe, including the income level (high, medium or low) of the displaced tenants.

  See responses to questions 8c and 8d, above.
- b. Does the proposed project include any measures to increase the affordability of housing the City of Sammamish? If so, describe. *No.*

#### 10. Aesthetics

- a. What is the tallest height of any proposed structure, including antennas and chimneys? Streetlights to be installed on most projects in the Interim T.I.P. will be as tall as 30-35 feet.
- b. If the project includes buildings, what exterior materials are planned for the structures? *Does not apply*.
- c. What is the proposed project's ratio of building coverage to lot size (expressed as a percentage)? *Does not apply*.
- d. Would the proposed project alter or obstruct any views? If so, describe.

  Some views may be altered by the removal of trees in the rights-of-way for some street projects or by the installation of landscaping on some projects.
- e. Does the proposal include any measures to reduce or control any potentially adverse aesthetic impacts? If so, describe. All street projects include design and landscaping elements to improve the aesthetic appearance of the completed project.

#### 11. Light and Glare

- a. Are there existing sources of off-site light or glare that could adversely impact this proposed project? If so, describe. **No.**
- b. Will the proposed project generate any light or glare? If so, describe, including the usual time of day. Streetlights will be added or relocated as part of some street projects. Streetlights come on at dusk and go off at dawn.
- c. Could light or glare from the finished project be a nuisance, interfere with views, or affect wildlife? If so, describe. New street lighting could be a nuisance to residential properties adjacent to previously unlighted streets.
- d. Does the project include any measures to reduce or control any potentially adverse impacts of light or glare? If so, describe. Care will be taken to minimize any adverse impact of street lighting in the planning of street projects. Lighting which is offensive can usually be altered or redirected to eliminate or reduce its impact while maintaining its benefit.

#### 12. Recreation

- a. Are there any park or recreation opportunities in the immediate vicinity of the proposed project? If so, describe. Park and recreation facilities are near some street projects.
- b. Would the proposed project displace any existing recreational uses? If so, describe. *None is anticipated*.
- c. Does the project include any measures to reduce or control any potentially adverse impacts on existing recreation activities? If so, describe. *Does not apply*.

#### 13. Historic and Cultural Preservation

- a. Are there any structures or objects eligible, proposed or listed in local, state or national preservation registers on or near the site? If so, describe. Some structures and objects are near some proposed street projects.
- b. Is there anything about the proposed site, or adjacent properties, known to be of archeological, scientific or cultural importance? If so, describe. Some rights-of-way and some adjacent properties to some street projects may be of such importance.
- c. Does the project include any measures to reduce or control any potentially adverse impacts on historic or cultural structures, objects or sites? If so, describe. Any street project activity that uncovers such potential objects or sites will comply with state law regarding their preservation and protection.

#### 14. Transportation

- a. On the attached site plan show all streets and highways serving the proposed site and proposed access to the proposed project. The proposed street projects are shown on the attached list and map.
- b. Will the proposal require any new streets or improvements to existing streets, not including driveways? If so, describe. Yes, the proposal will result in both the improvement of some existing streets and the construction of some new streets according to the attached plan and schedule.
- c. How many vehicular trips per day will be attracted and generated by the completed project? Estimated current and future vehicular travel generated and attracted by current and future land use activities, both inside and outside the City, are the basis of the proposed street improvement program. Theoretically, additional street capacity does not, by itself, attract or generate news trips. However, the availability—or even the promise—of new capacity may affect land use location and route-of-travel decisions that will generate and attract new trips or reroute existing trips to take advantage of the additional capacity to be provided by the projects contained in this Plan.
- d. Is the proposed site currently served by public transit? If not, what is the approximate distance to the nearest transit stop? Very limited transit service is available to the City on 228th Avenue and connecting arterials. Certain projects in the Plan will provide better access for transit to the City of Sammamish.
- e. Does the proposed project include any measures to reduce or control any potentially adverse impacts on the City's transportation system? If so, describe. The purpose of the Transportation Plan is to accommodate and mitigate existing and anticipated impacts of land use decisions on the City's transportation system.

#### 15. Public Services

- a. Will the proposed project result in an increase in the demand for, or a change in the character or level of any of the following public services? If so, circle the service and describe the impact.
  - i. Police protection: changes in traffic enforcement
  - ii. Fire protection: shorter response times to calls for service
  - iii. Emergency medical response: shorter response times to calls for service
  - iv. Street maintenance: more street lane miles to be maintained; more landscaping to be maintained; more traffic signals and street lights to be maintained.
  - v. Park and recreation services: none.

- vi. Planning and permitting: more planning and permitting for the individual projects contained in this T.I.P.
- vii. Water services: none
- viii. Sanitary sewer services: none
- ix. Storm water management: more impervious surfaces and more storm water to be managed for quality and quantity.
- x. Schools: none.
- b. Does the proposed project include any measure to reduce or control any potentially adverse impacts on public services? If so, describe. *More money will be budgeted in future years for anticipated higher service levels and costs.*

#### 16. Utilities

- a. Identify the utility provider for each of the following: does not apply, will be addressed in separate checklist to be completed for each individual project contained in this T.I.P.
  - i. Electricity
  - ii. Water
  - iii. Sanitary sewer
  - iv. Telephone
  - v. Natural gas
  - vi. Solid waste disposal
- b. Does the proposed project include any measures to reduce or control any potentially adverse impacts on utilities? If so, describe. *Does not apply.* See 16.a. above.

#### I hereby certify that:

- A) The information in this application and attachments thereto is true and correct to the best of my knowledge.
- B) I have an ownership interest in the subject land.
- C) I am authorized to file this application on behalf of all persons with ownership interest.
- D) I authorize the City of Sammamish to place one or more signs with the statement "Notice of Application" or "Notice of Land Use Action" on the subject property.

Signature of person with ownership interest

Date

John A. Cunningham Assistant City Manager / Director of Public Works

# STATE OF WASHINGTON, COUNTY OF KING AFFIDAVIT OF PUBLICATION

## PUBLIC NOTIC

fom Meagher, being first duly sworn on oath that he is the Legal Advertising Representative of the

## Eastside Journal

a daily newspaper, which newspaper is a legal newspaper of general circulation and is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in King County, Washington. The Eastside Journal has been approved as a Legal Newspaper by order of the Superior Court of the State of Washington for King County.

The notice in the exact form annexed was published in regular issues of the Eastside fournal (and not in supplement form) which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

NONSIGNIFICANCE OTICE

was published on

The full amount of the fee charged for said foregoing publication is the sum of per inch for the first publication and 3.50 at the rate of 0

per inch for each subsequent insertion.

20 27

om Meaghe

Legal Advertising Representative, Eastside Journal

7 23~1 day of Subscribed and sworn to me this

Michelle A. Jackson Notary Public for the State of Washington, Residing in Sammamish, Washington P.O. No.

Cost of publishing this notice includes an affidavit surcharge.

Determination of Nonsignificance WAC 197-11-970

City of Sammamish, Department of City of Sammamish Interim Six-Year Transportation Plan Update Description of proposal: Proponent:

Lee **Pransportation Manager** Person: Public Works Contact

Non-project proposal applies to the incorporated limits of the City of Location of proposal: Sammamish

City of Sammamish 486 - 228th Ave NE, Sammamish Lead agency:

(EIS) is not required under RCW 43.21C.030 (2)(c). This decision lead agency. This information is The lead agency for this proposal have a probable significant adverse impact on the environment. An environmental impact statement pleted environmental checklist and other information on file with the nas determined that it does not was made after review of a com available to the public on request. WA 98074

not act on this proposal for 14 days Comments Position/title: Director, Department Address: 486 - 228th Ave. NE, Sammamish, WA 98074 must be submitted by June 3, 2002 This DNS is issued under WAC 197-11-340(2); the lead agency wil Responsible official: Ray Gilmore of Community Development from the date below. Phone: 425-836-7903

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TANOIS NO.

endar days from the comment due mitted within fourteen (14) calappealed if a written appeal is sub ater than 5:00 PM, June 17, 2002, date, which is June 3, Appeals must be received Signature: R.P. Gilmore determination Date: May 20, 2002

Sh. Washington

#840314 Published in the Eastside Journal May 23, 2002 required filing fee of \$125

must be based upon factual objec-

ions and accompanied by