



**City of Tukwila**  
Washington

**2017 - 2022**

**PROPOSED**

**Financial Planning Model and  
Capital Improvement Program**

**Allan Ekberg, Mayor**

**TUKWILA CITY COUNCIL**

**Joe Duffie, Council President**

**Dennis Robertson  
Kathy Hougardy  
Kate Kruller**

**Verna Seal  
De'Sean Quinn  
Thomas McLeod**

**Population: 19,540**

**Assessed Valuation: \$5.6 Billion**



**CITY OF TUKWILA  
 PROPOSED 2017 - 2022  
 FINANCIAL PLANNING MODEL &  
 CAPITAL IMPROVEMENT PROGRAM  
 TABLE OF CONTENTS**

	<u>Page</u>
<b><u>Resolution 1848 - Adopting Planning Model and CIP for Period 2015 - 2020</u></b> .....	I
<b><u>Capital Improvement Program Policies</u></b> .....	III
<b><u>Financial Policies</u></b> .....	V
<b><u>Planning Model Summary</u></b>	
Attachment A Revenues & Expenditures Governmental Funds.....	XIX
Attachment B General Fund Operating Expenditures.....	XX
Attachment C General Government Capital Projects Funding by City and Other Sources.....	XXIX
Attachment D Water Enterprise Fund Summary.....	XXXIII
Attachment E Sewer Enterprise Fund Summary.....	XXXV
Attachment F Surface Water Enterprise Fund Summary.....	XXXVII
Attachment G Golf Enterprise Fund Summary.....	XXXIX
 <b><u>Capital Improvement Program</u></b>	
<b><u>General Government</u></b>	
Residential Streets 103 Fund.....	1
Bridges/Arterial Streets 104 Fund.....	9
Parks & Trails 301 Fund.....	29
Urban Renewal 302 Fund.....	45
General Improvements 303 Fund.....	49
Public Safety Plan 305 Fund.....	53
City Facilities 306 Fund.....	59
 <b><u>Enterprise Funds</u></b>	
Water Projects 401 Fund.....	63
Sewer Projects 402 Fund.....	79
Surface Water 412 Fund.....	93
Golf Course 411 Fund.....	113



# City of Tukwila

Washington

Resolution No. 1848

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, ADOPTING THE 2015-2020 FINANCIAL PLANNING MODEL AND THE CAPITAL IMPROVEMENT PROGRAM FOR GENERAL GOVERNMENT AND THE CITY'S ENTERPRISE FUNDS.**

**WHEREAS**, when used in conjunction with the biennial City budget, the Capital Improvement Program (CIP) and the Financial Planning Model for the period of 2015-2020 are resource documents to help plan directions the City will consider for the future; and

**WHEREAS**, the Financial Planning Model and Capital Improvement Program are not permanent fixed plans, but are guidelines or tools to help reflect future goals and future resources at the time budgets are being planned; and

**WHEREAS**, the commitment of funds and resources can only be made through the budget process;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:**

**Section 1.** The City Council hereby adopts the 2015-2020 Financial Planning Model and accompanying Capital Improvement Program, incorporated by this reference as if fully set forth herein.

**Section 2.** A copy of the 2015-2020 Financial Planning Model and accompanying Capital Improvement Program shall be kept on file in the City Clerk's Office.

**Section 3.** The assumptions, revenues and expenditures will be reviewed and updated biennially, or as necessary, by the City Council.

**Section 4.** The detail of Capital Improvement Program projects will be reflected in the published Financial Planning Model and Capital Improvement Program 2015-2020.

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, at a Regular Meeting thereof this 17<sup>th</sup> day of November, 2014.

ATTEST/AUTHENTICATED:

Christy O'Flaherty  
Christy O'Flaherty, MMC, City Clerk

De'Sean Quinn  
De'Sean Quinn, Council President

APPROVED AS TO FORM BY:

Rachel Turpin  
Rachel Turpin, City Attorney

Filed with the City Clerk: 11-12-14  
Passed by the City Council: 11-17-14  
Resolution Number: 1848

## CAPITAL IMPROVEMENT PROGRAM POLICIES

- 1) Utility rates should be structured to ensure adequate infrastructure development and replacement.
- 2) Late-comer agreements (where appropriate) shall be considered an acceptable means of funding capital projects, improvements and replacements, in whole or in part.
- 3) Infrastructure improvements such as water reuse should consider conservation of resources such as water and electricity.
- 4) For City-scheduled projects located on residential streets, the City will evaluate for inclusion the costs of undergrounding the overhead utilities that exist within the right-of-way.
- 5) Right-of-way agreements for cable and electrical services should be utilized to discourage excessive wiring throughout the City.
- 6) Donation of the property needed for rights-of-way and easements shall be pursued.
- 7) Residential street designs will follow basic designs for arterials, collectors, and local access streets. Designs to accommodate individual properties shall be avoided.
- 8) The City strongly encourages design of connecting streets.
- 9) Residential streets with safety issues, high traffic volumes, high pedestrian activity and poor roadway conditions will be considered the highest priority projects.
- 10) A majority of citizens on a street may petition the City to set up a Local Improvement District (LID) to pay for residential street improvement projects, sidewalks and undergrounding of utilities. The City will evaluate the possibility of paying for the design, preliminary engineering, construction engineering, and LID formulation. The residents will pay for undergrounding utilities in the street, undergrounding from the street to their house, the actual construction costs, and for any improvements on private property such as rockeries, paved driveways, or roadside plantings.
- 11) Capital improvements shall be coordinated, whenever feasible, with related improvements of other jurisdictions.
- 12) Capital Improvement Program (CIP) projects shall, whenever possible, take advantage of grants, loans or another financing external to the City. Staff shall obtain approval from the appropriate committee before applying for grants, and the Committee Chair shall report for approval the proposed applications to the full Council. Grant applications shall be made only for projects listed in the six-year Capital Improvement Program. Staff shall also get approval from the full Council before accepting grants.

## Capital Improvement Program Policies continued

- 13) Current arterial street improvements determined in the six-year CIP may be funded through a LID or financing external to the City. The City may participate using operating revenues, grants or bonds based on health and safety needs or public benefit. The City may participate in the funding by financing the preliminary engineering design and professional service costs associated with planning and creating the LID.
- 14) Street and road improvement projects on slopes will include roadside plantings wherever feasible to help mitigate the land used for roadway and sidewalk improvements.
- 15) The first ¼-cent real estate transfer tax shall be dedicated to park and open space land acquisition. The second ¼-cent tax shall be used for arterial streets along with the parking tax.
- 16) Non-transportation capital projects and improvements (i.e. new community center) shall be funded by operating revenues, grants or bonds as determined in the six-year Financial Planning Model.
- 17) A dedicated facility replacement fund will be used to help pay for future facilities.
- 18) Transportation improvements will be coordinated with related improvements such as utility, landscaping, sidewalks, etc.
- 19) No capital improvement projects located outside the city limits will be approved without specific City Council approval.
- 20) Policies will be reviewed annually and in concert with the adoption of growth management policies to ensure continuity.
- 21) Street and road improvement projects shall be evaluated for the inclusion of features that support the Walk and Roll Plan in order to encourage walking, bicycling, and transit use.
- 22) Transportation impact fees shall be collected so that “growth may pay for growth” and growth-caused improvements may be constructed.

The 2017-2018 Biennial Budget incorporates the first two years of the Capital Improvement Program.

Tukwila’s Ordinance No. 2413 adopted the City’s 2015 Comprehensive Plan for Capital Facilities (Element 14), which includes goals and policies intended for adequate levels of service for the General Government and Enterprise funds over the next 20 years.



# City of Tukwila

Washington

Resolution No. 1840

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, ADOPTING A DEBT POLICY AND PROVIDING FOR APPROPRIATE MANAGEMENT OF DEBT ISSUED BY THE CITY OF TUKWILA.**

**WHEREAS**, a debt policy and appropriate management of debt issued by the City is an important factor in measuring the City's financial performance and condition; and

**WHEREAS**, proper use and management of borrowing can yield significant advantages; and

**WHEREAS**, the use of debt is a mechanism to equalize costs of needed improvements to both present and future citizens; and

**WHEREAS**, it is the responsibility of the City Council of the City of Tukwila to provide policy direction through the passage of motions and ordinances, adoption of resolutions, and final approval of the budget; and

**WHEREAS**, a debt policy establishes the purpose, type, and use of debt; responsibilities of various City officials; method of sale of bonds; refundings (bonds or notes); structural elements; credit objective; and the use of professional and other service providers;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:**

**Section 1.** The debt policy dated August 2014, attached hereto as "Exhibit A," is hereby adopted by this reference as if set forth in full.

**Section 2.** The debt policy shall be reviewed on a regular basis and updated as necessary.

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, at  
a Regular Meeting thereof this 2nd day of September, 2014.

ATTEST/AUTHENTICATED:

Christy O'Flaherty  
Christy O'Flaherty, MMC, City Clerk

De'Sean Quinn  
De'Sean Quinn, Council President

APPROVED AS TO FORM BY:

Christy Backe For  
Rachel Turpin, City Attorney

Filed with the City Clerk: 8-21-14  
Passed by the City Council: 9-2-14  
Resolution Number: 1840

# CITY OF TUKWILA DEBT POLICY

A debt policy and appropriate management of debt issued by the City of Tukwila (the "City") is an important factor in measuring its financial performance and condition. Proper use and management of borrowing can yield significant advantages. From a policy perspective, the City uses debt as a mechanism to equalize the costs of needed improvements to both present and future citizens.

## SECTION 1. PURPOSE, TYPE AND USE OF DEBT

In the issuance and management of debt, the City shall comply with the Washington State constitution and with all other applicable legal requirements imposed by federal, state and local laws, rules and regulations. Approval from the City Council (the "Council") is required prior to the issuance of all debt. Long-term debt will only be used for improvements that cannot be financed from current revenues or to fulfill the purposes set forth in the first paragraph of this Debt Policy (the "Policy").

Long-term debt will only be issued after reviewing the impact on the Six Year Financial Planning Model and its policy guidelines. When both tax exempt and taxable debt is under consideration, priority will be given to issuing the tax exempt debt, unless otherwise justified.

**Limited Tax General Obligation (LTGO) Bonds.** The City is authorized to sell LTGO bonds under RCW 39.36.020, subject to the approval of the Council. LTGO bonds will be issued only if: (1) a project requires funding not available from alternative sources; (2) the project has a useful life longer than five years, and the Council determines it is appropriate to spread the cost over that useful life, to achieve intergenerational equity, so those benefiting will also be the ones paying; (3) matching money is available which may be lost if not applied for in a timely manner; or (4) emergency conditions exist as determined by the Council. LTGO (non-voted) debt of the City shall not exceed an aggregate total of 1.5 percent of the City's assessed value of taxable property within the City.

**Unlimited Tax General Obligation (UTGO) Bonds.** The City is authorized to sell UTGO bonds under RCW 39.36.020, subject to the approval of the Council, and subject to voter approval. UTGO debt will be used for capital purposes when the use of an excess tax levy is necessary for debt service payments. No combination of UTGO (voter approved) debt and LTGO debt of the City shall exceed an aggregate total of: (a) 2.5 percent of the City's assessed value of the taxable property within the City for general purposes; (b) 2.5 percent of the City's assessed value of the taxable property within the City for parks, open spaces and capital facilities associated with economic development; and (c) 2.5 percent of the City's assessed value of the taxable property within the City for utility purposes.

**Revenue Bonds.** The City is authorized to sell revenue bonds under RCW 35.41.030, subject to the approval of the Council. Revenue bonds will be issued to finance the acquisition, construction or improvements to facilities of enterprise systems operated by the City, in accordance with a system and plan of improvements. The enterprise system must be legally authorized for operation by the City. There are no legal limits to the amount of revenue bonds the City can issue, but the City will not incur revenue obligations without first ensuring the ability of an enterprise system to meet all pledges and covenants customarily required by investors in such obligations during the term of the obligation.

**Local Improvement District Bonds.** The City is authorized to sell local improvement district (special assessment) bonds ("LID bonds") under RCW 35.45.010, subject to the approval of the Council. LID bonds are issued to finance projects that will provide special benefit to certain property owners. The specially benefiting property owners are levied an assessment, based upon a formula developed to fairly reflect the benefit received by each property owner in the local improvement district. After consideration and review, the City may form local improvement districts upon petition of benefiting property owner(s), unless the Council determines to establish such districts by resolution, pursuant to statutory authority. LIDs for utility improvements may be authorized as ULIDs, which may be financed through issuance of Revenue Bonds.

**Lease Purchase Financing.** Lease purchase financing may be used when the cost of borrowing or other factors make it in the City's best interest.

**Short-Term Debt.** The City is authorized to incur short-term debt under chapter 39.50 RCW, subject to the approval of the Council. Short-term debt may be issued to meet: (1) the immediate financing needs of a project for which long-term financing has been identified and is likely or secured but not yet received; or (2) cash flow needs within authorized budgets and anticipated receipts for the budget year.

The Finance Director is authorized to make loans from one City fund to another City fund for periods not exceeding twelve months. The Finance Director or designee is required to assure that the loaning fund will have adequate cash balances to continue to meet current expenses after the loan is made and until repayment from the receiving fund. All interfund short-term borrowing will bear interest based upon prevailing Local Government Investment Pool rates.

## **SECTION 2. RESPONSIBILITIES**

The primary responsibility for debt management rests with the City's Finance Director.

***The Finance Director shall (or shall cause the following to occur):***

- Provide for the issuance of debt at the lowest cost and risk;
- Determine the available debt capacity;
- Provide for the issuance of debt at appropriate intervals and in reasonable amounts as required to fund approved projects;
- Recommend to the Council the manner of sale of debt;
- Monitor opportunities to refund debt and recommend such refunding as appropriate;
- Comply with all Internal Revenue Service (IRS), Securities and Exchange Commission (SEC) and Municipal Securities Rulemaking Board (MSRB) rules and regulations governing the issuance of debt pursuant to the City's Post Issuance Compliance Policy;
- Provide information for and participate in the preparation and review of bond offering or disclosure documents;
- Comply with all terms, conditions and disclosures required by Ordinances governing the debt issued;
- Submit to the Council all recommendations to issue debt;
- Distribute to appropriate repositories, such as the EMMA repository managed by the Municipal Securities Rulemaking Board, information regarding financial condition and affairs at such times and in the form required by contract, regulation and general practice, including Rule 15c2-12 regarding continuing disclosure;

- Provide for the distribution of pertinent information to rating agencies;
- Coordinate and lead presentations to rating agencies, when appropriate;
- Maintain a database with all outstanding debt;
- Apply and promote prudent fiscal practices;
- Select a qualified financial advisor with experience in municipal finance in Washington, and registered with the SEC and MSRB as a “municipal advisor,” and
- Account for and pay all bonded indebtedness for the City , by specifically providing for the timely payment of principal of and interest on all debt; and ensuring that the fiscal agent receives funds for payment of debt service on or before the payment date.

***The Council shall:***

- Approve the Debt Policy;
- Approve indebtedness;
- Approve budgets sufficient to provide for the timely payment of principal and interest on debt;
- Determine the most appropriate financing plan for proposed debt, based on recommendation from the Finance Director, upon advice of the City’s financial advisor; and
- By Ordinance, delegate broad or limited authority to the Finance Director relative to execution of a financing plan approved by the Council.

**SECTION 3: METHOD OF SALE OF BONDS**

***Competitive Sale.*** The Finance Director may, upon the advice of the City's financial advisor, submit to the Council a recommendation to sell debt on a competitive bid basis. City debt issued on a competitive bid basis will be sold to the bidder proposing the lowest true interest cost to the City. Such bid may take the form of electronically transmitted offers to purchase the bonds.

***Negotiated Sale.*** The Finance Director may, upon the advice of the City's financial advisor, submit to the Council a recommendation to sell debt on a negotiated basis. If debt is sold on a negotiated basis, the negotiations of terms and conditions shall include, but not be limited to, prices, interest rates, redemption provisions and underwriting compensation. The Finance Director, with the assistance of its financial advisor, shall evaluate the terms offered by the underwriter including comparison of terms with prevailing terms and conditions in the marketplace for comparable issues. If more than one underwriter is included in the negotiated sale of debt, the Finance Director shall establish appropriate levels of liability, participation and priority of orders and, with the assistance of its financial advisor, oversee the bond allocation process.

***Private or Direct Placement.*** When deemed appropriate to minimize the direct or indirect costs and risks of a debt issue, the Finance Director will, upon the advice of the City's financial advisor, submit to the Council a request to incur debt issue through a private placement or direct bank placement.

**SECTION 4. REFUNDING BONDS OR NOTES**

Refundings will be conducted in accordance with chapter 39.53 RCW. Unless otherwise justified, the City will refinance debt to either achieve debt service savings as market opportunities arise, or to eliminate restrictive covenants.

Unless otherwise justified, an "advance refunding" transaction will require a present value savings of five percent of the principal amount of the debt being refunded. In addition to the savings, any determination to refund debt should take into consideration all costs and negative arbitrage in the refunding escrow.

A "current refunding" transaction will require present value savings in an amount or percentage to be determined by the Finance Director based upon the advice of the City's financial advisor.

## **SECTION 5. STRUCTURAL ELEMENTS**

***Maturity Term.*** The City shall issue debt with an average life less than or equal to the average life of the assets being financed. Unless otherwise stated in law, the final maturity of the debt shall be no longer than 40 years (RCW 39.46.110).

***Debt Service Structure.*** Unless otherwise justified and deemed necessary, debt service should be structured on a level annual basis. Refunding bonds should be structured to produce debt service savings as determined by the Finance Director, based upon the advice of the City's financial advisor, to be in the best interest of the City. Unless specifically justified and deemed necessary, debt shall not have capitalized interest. If appropriate, debt service reserve funds may be used for revenue bonds.

***Maturity Structure.*** The City's long-term debt may include serial and term bonds. Unless otherwise justified, term bonds should be sold with mandatory sinking fund requirements.

***Price Structure.*** The City's long-term debt may include par, discount and premium bonds. Discount and premium bonds must be demonstrated to be advantageous relative to par bond structures, given applicable market conditions and the City's financing goals.

***Interest Payments.*** Unless otherwise justified and deemed necessary, long-term debt will bear interest payable semiannually.

***Redemption Features.*** For each transaction, the City shall evaluate the costs and benefits of call provisions.

***Capitalization.*** Debt service reserves may be capitalized for enterprise activities only. Costs of issuance may be capitalized for all debt. Interest costs may be capitalized upon the advice of the City's financial advisor for any type of debt.

***Bond Insurance.*** The City may evaluate the costs and benefits of bond insurance or other credit enhancements. Any credit enhancement purchased by the City shall be competitively procured unless otherwise justified.

***Tax-exemption.*** Unless otherwise justified and deemed necessary, the City shall issue its debt on a tax-exempt basis. Taxable debt may be justified based on a need for flexibility in use of proceeds, or when expected to reduce burdens relative to IRS rules.

## **SECTION 6. CREDIT OBJECTIVE**

The City shall seek to maintain and improve its bond rating or ratings, as applicable.

## SECTION 7. USE OF PROFESSIONALS AND OTHER SERVICE PROVIDERS

**Bond Counsel.** All debt issued by the City will include a written opinion by bond counsel affirming that the City is authorized to issue the debt, and that all statutory requirements have been met. The bond counsel opinion and other documents relating to the issuance of debt will be prepared by nationally recognized bond counsel with extensive experience in public finance and tax issues. Bond counsel will be appointed by the Finance Director consistent with the City's general authority to contract. .

**Financial Advisor.** The Finance Director will appoint a financial advisor for each debt issue, or for a specified term, consistent with the City's general authority to contract. The financial advisor shall be nationally recognized, have comprehensive municipal debt experience, including debt structuring and pricing of municipal securities, be registered as a "municipal advisor" with the MSRB and SEC, and have knowledge of State laws relating to City finances. The City financial advisor is to be available for general purposes, and will assist the City with all financing issues. *In no case shall the financial advisor serve as underwriter for the City's debt issues.*

**Underwriter.** The Finance Director in consultation with the City's financial advisor will select an underwriter for any negotiated sale of bonds. The selection of an underwriter may be for an individual bond issue, series of financings or a specified time period, as determined by the Finance Director. Depending upon the nature and amount of each financing, the Finance Director is authorized, in consultation with the City's financial advisor, to appoint more than one underwriter for each financing and to designate one underwriting firm as the managing underwriter.

**Other Service Providers.** Professional services such as verification agent, escrow agent or rebate analyst shall be appointed by the Finance Director in consultation with the City's financial advisor and/or bond counsel.

**Other City Policies and Procedures.** The City shall comply with its Post-Issuance Tax Compliance Policy, and shall provide the appropriate department heads and staff with educational opportunities to ensure they are aware of requirements that may pertain to bond financed facilities and assets relating to their duties.

## SECTION 8. POST-ISSUANCE COMPLIANCE PROCEDURES

### Continuing Disclosure Obligations for All Bonds

**Purpose.** At the time of issuance of any Bonds, regardless of tax status, the City is required to enter into a Continuing Disclosure Undertaking ("Undertaking") in order to allow the underwriter of the Bonds to comply with Securities and Exchange ("SEC") Rule 15(c)2-12. The Undertaking is a contract between the City and the underwriter in which the City agrees to provide certain information to an "information repository" operated by the Municipal Securities Rulemaking Board ("MSRB") to ensure investors have access to annual updates and related events that occur during the year.

**Responsibility for Undertaking.** The Finance Director is responsible for negotiating the terms of and complying with each of the City's Undertakings. The Finance Director will negotiate the terms of the Undertaking at the time of each bond issuance, with a goal of meeting the requirements of Rule 15(c)2-12, without undue burden on the City. The Finance Director will strive to ensure that each Undertaking is similar to prior Undertakings to the extent possible, to simplify future compliance.

**Compliance with Undertaking.** The Finance Director will have responsibility for ensuring compliance with each Undertaking, which activities may be delegated to staff within the finance department. This will require certain annual filings, by a set due date, as well as periodic filings as certain specified events arise. Filings are to be made through the Electronic Municipal Market Access (“EMMA”) portal, managed by the MSRB. The Finance Director is responsible for knowing the terms of the City’s Undertakings, and ensuring appropriate staff within the finance department and other departments of the City are aware of the events that may require a filing.

**Certification of Compliance.** At the time of each subsequent bond issue, the Finance Director is responsible for reviewing all prior compliance, and providing a statement as to that prior compliance, as required by Rule 15(c)2-12. Each official statement will include a statement that describes compliance (or non-compliance) with each prior undertaking, which statement will be certified by the Finance Director.

## **Compliance Relating to Tax Exempt Bonds**

**Purpose.** The purpose of these post-issuance compliance procedures (“Compliance Procedures”) for tax-exempt bonds and other obligations issued by the City for which federal tax exemption is provided by the Internal Revenue Code of 1986, as amended (the “Code”), is to facilitate compliance by the City with the applicable requirements of the Code that must be satisfied after the issue date of the bonds to maintain the tax exemption for the bonds after the issue date.

**Responsibility for Monitoring Post-Issuance Tax Compliance.** The City Council of the City has the overall, final responsibility for monitoring whether the City is in compliance with post-issuance federal tax requirements for the City’s tax-exempt bonds. However, the City Council has delegated the primary operating responsibility to monitor the City’s compliance with post-issuance federal tax requirements for the City’s bonds to the Finance Director and has authorized and directed the Finance Director of the City to adopt and implement on behalf of the City these Compliance Procedures.

**Arbitrage Yield Restriction and Rebate Requirements.** The Finance Director will maintain or cause to be maintained records of:

- (a) purchases and sales of investments made with bond proceeds (including amounts treated as “gross proceeds” of bonds under section 148 of the Code) and receipts of earnings on those investments;
- (b) expenditures made with bond proceeds (including investment earnings on bond proceeds) in a timely and diligent manner for the governmental purposes of the bonds, such as for the costs of purchasing, constructing and/or renovating property and facilities;
- (c) information showing, where applicable for a particular calendar year, that the City was eligible to be treated as a “small City” in respect of bonds issued in that calendar year because the City did not reasonably expect to issue more than \$5,000,000 of tax-exempt bonds in that calendar year;
- (d) calculations that will be sufficient to demonstrate to the Internal Revenue Service (“IRS”) upon an audit of a bond issue that, where applicable, the City has complied with an available spending exception to the arbitrage rebate requirement in respect of that bond issue;

- (e) calculations that will be sufficient to demonstrate to the IRS upon an audit of a bond issue for which no exception to the arbitrage rebate requirement was applicable, that the rebate amount, if any, that was payable to the United States of America in respect of investments made with gross proceeds of that bond issue was calculated and timely paid with Form 8038-T timely filed with the IRS; and
- (f) information and records showing that investments held in yield-restricted advance refunding or defeasance escrows for bonds, and investments made with unspent bond proceeds after the expiration of the applicable temporary period, were not invested in higher-yielding investments.

**Restrictions on Private Business Use and Private Loans.** The Finance Director will adopt procedures calculated to educate and inform the principal operating officials of those departments, including utility departments, if any, of the City (the “users”) for which land, buildings, facilities and equipment (“property”) are financed with proceeds of tax-exempt bonds about the restrictions on private business use that apply to that property after the bonds have been issued, and of the restriction on the use of proceeds of tax-exempt bonds to make or finance any loan to any person other than a state or local government unit. In particular, following the issuance of bonds for the financing of property, the Finance Director shall provide to the users of the property a copy of these Compliance Procedures and other appropriate written guidance advising that:

- (a) “private business use” means use by any person other than a state or local government unit, including business corporations, partnerships, limited liability companies, associations, nonprofit corporations, natural persons engaged in trade or business activity, and *the United States of America and any federal agency*, as a result of ownership of the property or use of the property under a lease, management or service contract (except for certain “qualified” management or service contracts), output contract for the purchase of electricity or water, privately sponsored research contract (except for certain “qualified” research contracts), “naming rights” contract, “public-private partnership” arrangement, or any similar use arrangement that provides special legal entitlements for the use of the bond-financed property;
- (b) under section 141 of the Code, no more than 10% of the proceeds of any tax-exempt bond issue (including the property financed with the bonds) may be used for private business use, of which no more than 5% of the proceeds of the tax-exempt bond issue (including the property financed with the bonds) may be used for any “unrelated” private business use—that is, generally, a private business use that is not functionally related to the governmental purposes of the bonds; and no more than *the lesser* of \$5,000,000 or 5% of the proceeds of a tax-exempt bond issue may be used to make or finance a loan to any person other than a state or local government unit;
- (c) before entering into any special use arrangement with a nongovernmental person that involves the use of bond-financed property, the user must consult with the Finance Director, provide the Finance Director with a description of the proposed nongovernmental use arrangement, and determine whether that use arrangement, if put into effect, will be consistent with the restrictions on private business use of the bond-financed property;
- (d) the Finance Director is to communicate with the City’s bond counsel and/or financial advisor relative to any proposed change in use or special use arrangement that may impact the status of the bonds, before entering into such agreement.

## RESERVE POLICY



# City of Tukwila

Washington

Resolution No. 1861

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, REVISING THE PREVIOUSLY ADOPTED FINANCIAL RESERVE POLICY TO INCREASE THE GENERAL FUND RESERVE LEVEL, ADD A ONE-TIME REVENUE RESERVE, AND CONFORM THE HEALTH CARE FUND RESERVE POLICY TO CURRENT PRACTICES; AND REPEALING RESOLUTION NO. 1774.**

**WHEREAS**, for the well-being and sustainability of the community, its residents, and businesses, it is important that the City of Tukwila be prepared to respond to any and all situations that could result in a risk and/or crisis to the City's finances including, but not limited to, revenue shortfalls and unanticipated expenditures; and

**WHEREAS**, it is the responsibility of the City Council of the City of Tukwila to provide policy direction for the City's biennial budget through the passage of motions and ordinances, adoption of resolutions, and final approval of said budget; and

**WHEREAS**, a financial reserve policy establishes, attains, and restores minimum fund balances, including self-insured health care reserve funds, and specifies review and reporting of such; and

**WHEREAS**, the Best Practices promulgated by the Government Finance Officers Association recommends that the unrestricted fund balance in the General Fund equal no less than two months of regular General Fund operating revenues, or 16.67%; and

**WHEREAS**, credit rating agencies consider combined General Fund and Contingency Reserve Fund balances of at least 30% of operating revenues to be a good indication of credit worthiness; and

**WHEREAS**, in prior years the financial health of the City was negatively impacted by recession and changes in state law; and

**WHEREAS**, it is financially prudent to save a portion of revenue windfalls derived from one-time or periodic events, such as the sale of real property or sales tax collected on construction activity, as a means of offsetting the effects of recessions or other events that could force the City to reduce service levels;

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON, HEREBY RESOLVES AS FOLLOWS:**

**Section 1. Minimum Fund Balances.**

A. At the close of each fiscal year, the General Fund unassigned balance shall equal or exceed 18% and the Contingency Fund reserve balance shall equal or exceed 10% of the previous year General Fund revenue, exclusive of significant non-operating, non-recurring revenues such as real estate sales or transfers in from other funds.

B. At the close of each fiscal year, the unrestricted balances of the Enterprise Funds shall equal or exceed 20% of the previous year revenue, exclusive of significant non-operating, non-recurring revenues such as real estate sales, transfers in from other funds or debt proceeds.

C. Use or draw down of minimum balances shall occur only upon recommendation of City Administration and approval by City Council through a resolution. Should use or draw down occur, the City Administration shall establish a plan, no later than the end of the fiscal year following the year of decline, to restore the fund balance to the prescribed minimum level. The plan shall be presented to and approved by the City Council.

**Section 2. One-time Revenue Reserve.** A One-time Revenue Reserve shall be established and maintained in the Contingency Fund. The One-time Revenue Reserve shall be credited annually with 10% of the prior year one-time revenues to the extent General Fund surplus for the year is sufficient to cover the reserve funding. Use of the reserve shall occur only upon recommendation by City Administration and approval by City Council through a resolution.

**Section 3. Self-insured Health Care Funds.** The City shall maintain a reserve in each of its self-insured health care funds in an amount equal to 1.5 times, or 150%, of the actuarially determined IBNR (incurred but not reported) balance. Use of the reserve shall occur only upon recommendation by City Administration and approval by City Council through a resolution.

**Section 4.** A report showing compliance with the Financial Reserve Policy shall be provided to the City Council on an annual basis, no later than July 1 of each year.

Section 5. Repealer. Resolution No. 1774 is hereby repealed.

PASSED BY THE CITY COUNCIL OF THE CITY OF TUKWILA, WASHINGTON,  
at a Regular Meeting thereof this 3rd day of August, 2015.

ATTEST/AUTHENTICATED:

Christy O'Flaherty  
Christy O'Flaherty, MMC, City Clerk

Kate Kratter  
Kate Kratter, Council President

APPROVED AS TO FORM BY:

David A. Linchan  
Rachel B. Turpin, City Attorney  
David A. Linchan

Filed with the City Clerk: 7-29-15  
Passed by the City Council: 8-3-15  
Resolution Number: 1261

## FINANCIAL POLICIES

The City's Financial Policies are intended to serve as a Council-approved set of values and expectations for Council Members, City staff, citizens and other interested parties who may do business with the City. The use of the term "City" refers to all City officials and staff who are responsible for the activities to carry out these policies. The policies describe expectations for financial planning, budgeting, accounting, reporting and other management practices. They have been prepared to assure prudent financial management and responsible stewardship of the City's financial and physical resources.

The debt policy and reserve fund policy can be found in the appendix of the budget document. Other policies adopted by the City include:

### Financial Planning Model Policies

The Six-Year Financial Planning Model and Capital Improvement Program is the primary financial policy document. It represents the culmination of all financial policies.

#### Revenues

Policy FP-1 – Revenues will be estimated on a conservative basis. Increases greater than inflation in Attachment A, Revenues and Expenditures Governmental Funds, will require additional documentation.

Policy FP-2 – Major revenue sources will require explanation in Attachment A-1, Notes to Revenues, Expenditures and Fund Balance.

#### Operations & Maintenance Expenditures

Policy FP-3 – Expenditures for the General Fund operations (Attachment B, General Fund Operating Expenditures) will only include basic inflationary increases at the beginning of the budget preparation process. Proposed increases in programs or personnel will require an issues and options paper and Council approval before being added to the operating expenditures estimate.

#### Capital Expenditures

Policy FP-4 – Project capital grants with local matching requirements can only be applied for with express approval by the City Council. Grant applications shall be made only for projects listed in the six-year Capital Improvement Program.

Policy FP-5 – If the proposed grants or mitigation are either not funded or are reduced, the respective project will be re-evaluated on the basis of its value and priority level placement in the Capital Improvement Program.

Policy FP-6 – The financing of limited benefit capital improvements (i.e. private development) should be borne by the primary beneficiaries of the improvement. The principle underlying limited benefit is that the property is peculiarly benefited and therefore the owners do not in fact pay anything in excess of what they receive by reason of such improvement.

## Enterprise Funds

Policy FP-7 – Each Enterprise Fund will be reviewed annually and it must have a rate structure adequate to meet its operations & maintenance and long-term capital requirements.

Policy FP-8 – Rate increases should be small, applied frequently, and staggered to avoid an overly burdensome increase and undue impact in any given year.

Policy FP-9 – Rate increases of external agencies (i.e. King County secondary wastewater treatment fees) will be passed through to the users of the utility.

### **Other General Financial Policies**

Policy GF-1 – The City's various user charges and fees will be reviewed at least every two years for proposed adjustments based on services provided and comparisons with other jurisdictions.

Policy GF-2 – The Finance Director will provide a financial status update at least quarterly.

Policy GF-3 – Budget amendments during the year will be approved by budget motion until the end of the budget year, when a formal comprehensive budget amendment is submitted.

Policy GF-4 – The City shall, whenever practical and advantageous, take advantage of grants, loans, or other external financing sources. With the exception of capital improvement program grants requiring a local match, staff shall report to and seek the approval of the appropriate council committee before finalizing the grant.

**ATTACHMENT A - REVENUES AND EXPENDITURES GOVERNMENTAL FUNDS**

**2017-2022 Analysis in 000's**

	ACTUAL		ESTIMATE	ADOPTED BUDGET	PROPOSED BUDGET		PROJECTIONS				TOTAL
	2014	2015	2016	2016	2017	2018	2019	2020	2021	2022	2017-2022
<b>General Revenue:</b>											
1 Property Taxes	\$ 14,187	\$ 14,323	\$ 14,749	\$ 14,759	\$ 14,907	\$ 15,279	\$ 15,738	\$ 16,210	\$ 16,696	\$ 17,197	\$ 96,027
2 Sales and Use Taxes	17,105	19,334	19,364	18,631	20,027	20,607	21,225	21,862	22,518	23,193	129,432
3 RGRL Tax	1,796	1,859	1,830	1,875	1,900	1,957	2,016	2,076	2,138	2,203	12,290
4 Admissions Tax	617	688	757	716	760	774	797	821	846	871	4,869
5 Utility Taxes	3,856	4,019	4,131	4,105	4,118	4,206	4,332	4,462	4,595	4,733	26,446
6 Interfund Utility Tax	1,851	2,061	2,065	1,981	2,161	2,205	2,271	2,339	2,409	2,482	13,868
7 Gambling/Excise Taxes	2,808	2,908	3,090	2,601	3,931	4,045	4,167	4,292	4,421	4,553	25,409
8 Total Taxes	42,219	45,192	45,987	44,668	47,804	49,073	50,546	52,062	53,624	55,232	308,341
9 Licenses & Permits	2,064	2,206	2,265	2,140	2,279	2,347	2,418	2,490	2,565	2,642	14,740
10 Intergovernmental	4,659	4,223	4,694	4,420	4,399	4,296	4,424	4,557	4,694	4,835	27,204
11 Charges for services/other	3,928	4,056	4,337	3,875	4,105	4,144	4,269	4,397	4,529	4,664	26,108
12 Indirect Cost Allocation	2,089	2,255	2,233	2,233	2,279	2,326	2,395	2,467	2,541	2,618	14,626
13 Total Ongoing Revenue	54,959	57,932	59,517	57,337	60,866	62,186	64,051	65,973	67,952	69,991	391,019
14 Tukwila Village land sale	-	500	-	2,075	1,800	2,775					4,575
15 Motel Property Sale	-	-	-	-	-	2,250					2,250
16 Other	1,000	350	-	-		1,025					1,025
18 Total One-Time Revenue	1,000	850	-	2,075	1,800	6,050	-	-	-	-	7,850
19 Total General Revenue	55,959	58,782	59,517	59,412	62,666	68,236	64,051	65,973	67,952	69,991	398,869
<b>Dedicated Revenue:</b>											
20 REET	705	2,413	800	404	800	800	824	849	874	900	5,047
21 Parking Tax	144	193	214	161	200	206	212	219	225	232	1,294
22 Fuel Tax	395	407	416	403	408	415	427	440	453	467	2,611
23 Investment earnings	8	14	16	12	12	12	12	12	13	13	74
24 Other	(3,152)	(2,400)	154	80	62	80	83	85	88	90	487
25 Total Dedicated Revenue	(1,900)	628	1,599	1,060	1,482	1,513	1,558	1,605	1,653	1,703	9,513
26 TOTAL REVENUES	54,059	59,410	61,116	60,472	64,147	69,749	65,610	67,578	69,605	71,693	408,383
<b>Operating Expenditures:</b>											
27 Operating & maintenance	48,714	52,000	54,257	55,525	57,352	58,578	60,043	61,544	63,083	64,660	365,260
28 Debt Service	3,150	2,760	2,650	2,875	2,686	5,849	4,504	4,147	4,140	4,139	25,464
29 Transfer Contingency	-	127	100	100	216	115	112	165	170	175	953
30 Operating transfers	600	300	300	300	368	369	369	369	369	369	2,213
31 Adm/Engineering	745	713	3,378	436	577	590	605	620	635	651	3,678
32 Total Expenditures	53,209	55,900	60,686	59,236	61,199	65,501	65,632	66,845	68,397	69,994	397,567
33 Subtotal Available	\$ 850	\$ 3,510	\$ 430	\$ 1,236	\$ 2,948	\$ 4,248	\$ (23)	\$ 733	\$ 1,209	\$ 1,700	\$ 10,815
<b>Capital Projects</b>											
34 Residential Street	518	981	403	230	237	277	750	750	750	750	3,514
35 Arterial Street	2,659	(925)	3,184	3,841	5,866	2,840	3,146	2,779	2,931	2,565	20,127
36 Land & Park acquisition	243	384	(75)	182	1,008	435	555	355	355	355	3,063
38 Urban Renewal	967	(269)	748	90	(1,623)	1,775	-	-	-	-	152
39 General improvements	164	144	205	331	150	150	300	300	300	300	1,500
40 Public Safety Buildings					(9,656)	9,299	(6,082)	1,916	7,264	(4,554)	(1,813)
41 Public Works Shops					-	(21,041)	21,041				-
42 Total Capital	4,550	315	4,464	4,674	(4,018)	(6,265)	19,710	6,100	11,600	(584)	26,543
43 Change in fund balance	(3,700)	3,195	(4,033)	(3,438)	6,966	10,513	(19,733)	(5,367)	(10,391)	2,284	(15,728)
44 Beginning Fund Balance	19,575	18,532	24,275	15,181	20,353	27,319	37,832	18,099	12,732	2,341	20,353
45 Ending Fund Balance	\$ 15,875	\$ 21,728	\$ 20,241	\$ 11,743	\$ 27,319	\$ 37,832	\$ 18,099	\$ 12,732	\$ 2,341	\$ 4,625	\$ 4,625
46 Reserve Fund Balance	\$ 5,771	\$ 5,587	\$ 5,716	\$ 5,704	\$ 5,952	\$ 6,087	\$ 6,220	\$ 6,406	\$ 6,598	\$ 6,795	\$ 6,795
47 TOTAL GOVT FUNDS	\$ 21,646	\$ 27,315	\$ 25,958	\$ 17,447	\$ 33,271	\$ 43,919	\$ 24,319	\$ 19,138	\$ 8,939	\$ 11,420	\$ 11,420

Minimum fund balance - new policy 18%	yes	yes	yes	yes	no	no
Minimum fund balance - former policy 10%	yes	yes	yes	yes	no	no
Contingency reserve fund balance - 10%	yes	yes	yes	yes	yes	yes

**ATTACHMENT B - OPERATION & MAINTENANCE EXPENDITURES BY DEPARTMENT**  
**2017-2022 Analysis in 000's**

Program	ACTUAL		PROJECTED 2016	ADOPTED BUDGET 2016	PROPOSED BUDGET		PROJECTIONS				TOTAL 2017-2022
	2014	2015			2017	2018	2019	2020	2021	2022	
City Council	\$ 296	\$ 312	\$ 334	\$ 350	\$ 366	\$ 370	\$ 380	\$ 389	\$ 399	\$ 409	\$ 2,313
Mayor's Office	3,261	3,631	3,972	4,006	4,030	4,094	4,196	4,301	4,408	4,519	25,547
Human Resources	651	619	700	674	706	728	746	765	784	804	4,533
Finance	2,145	2,185	2,370	2,740	2,639	2,733	2,801	2,871	2,943	3,017	17,004
City Attorney	516	591	601	778	717	733	752	770	790	809	4,571
Parks & Recreation	3,789	4,238	4,289	4,334	4,803	4,781	4,901	5,023	5,149	5,278	29,935
Community Development	2,809	3,097	3,243	3,546	3,693	3,671	3,763	3,857	3,953	4,052	22,990
Court	1,090	1,194	1,166	1,164	1,308	1,296	1,328	1,361	1,395	1,430	8,119
Police	15,753	16,913	18,221	18,088	18,288	18,913	19,386	19,870	20,367	20,876	117,701
Fire	12,688	11,724	11,466	11,672	11,863	12,193	12,497	12,810	13,130	13,458	75,951
Information Technology	1,277	1,248	1,342	1,192	2,027	2,041	2,092	2,144	2,198	2,253	12,753
Public Works	4,440	6,246	6,553	6,980	6,912	7,026	7,201	7,381	7,566	7,755	43,842
<b>Departmental Total</b>	<b>\$ 48,714</b>	<b>\$ 52,000</b>	<b>\$ 54,257</b>	<b>\$ 55,525</b>	<b>\$ 57,352</b>	<b>\$ 58,578</b>	<b>\$ 60,043</b>	<b>\$ 61,544</b>	<b>\$ 63,083</b>	<b>\$ 64,660</b>	<b>\$ 365,260</b>

**Projection Factors:** Department expenditure growth factor for 2019-2022 is 2.5%.

**ATTACHMENT B - OPERATION & MAINTENANCE EXPENDITURES BY EXPENDITURE TYPE**  
**2017-2022 Analysis in 000's**

	ACTUAL		PROJECTED	ADOPTED BUDGET	PROPOSED BUDGET		PROJECTIONS				TOTAL
	2014	2015	2016	2016	2017	2018	2019	2020	2021	2022	2017-2022
Salaries	\$ 24,890	\$ 25,938	\$ 26,436	\$ 26,937	\$ 28,087	\$ 28,602	\$ 29,317	\$ 30,050	\$ 30,801	\$ 31,571	\$ 178,426
Extra Labor	487	632	604	621	778	755	774	793	813	833	4,745
Overtime	2,037	1,754	1,465	1,691	1,557	1,557	1,596	1,636	1,677	1,719	9,743
<b>Total Wages</b>	<b>27,414</b>	<b>28,325</b>	<b>28,505</b>	<b>29,249</b>	<b>30,422</b>	<b>30,914</b>	<b>31,686</b>	<b>32,479</b>	<b>33,291</b>	<b>34,123</b>	<b>192,914</b>
FICA	1,588	1,653	1,720	1,669	1,804	1,833	1,879	1,926	1,974	2,023	11,439
LEOFF 2	772	825	825	813	845	860	882	904	926	949	5,366
PERS	1,086	1,228	1,433	1,368	1,581	1,609	1,649	1,690	1,733	1,776	10,038
Industrial Insurance	506	629	706	703	863	939	963	987	1,012	1,037	5,800
Med,Dntl,Disability,Life	4,497	5,251	5,636	5,713	5,903	6,352	6,511	6,674	6,841	7,012	39,294
Unemployment	33	7	35	13	13	13	13	14	14	14	81
Clothing Allowance	4	6	7	25	10	11	11	11	11	12	66
<b>Total Benefits</b>	<b>8,486</b>	<b>9,598</b>	<b>10,362</b>	<b>10,304</b>	<b>11,019</b>	<b>11,618</b>	<b>11,908</b>	<b>12,206</b>	<b>12,511</b>	<b>12,824</b>	<b>72,085</b>
Office Supplies	411	392	388	357	455	459	470	482	494	506	2,866
Small Tools & Minor Equi	183	303	175	217	100	97	100	102	105	107	611
Recreation Prog Supplies	93	118	107	97	32	32	33	33	34	35	199
Fire Supplies	166	232	182	142	187	187	192	196	201	206	1,170
Street Maint Supplies	149	210	241	259	249	249	256	262	268	275	1,560
Other	238	207	244	223	263	261	268	275	281	288	1,637
<b>Total Supplies</b>	<b>1,240</b>	<b>1,462</b>	<b>1,338</b>	<b>1,296</b>	<b>1,287</b>	<b>1,285</b>	<b>1,317</b>	<b>1,350</b>	<b>1,384</b>	<b>1,419</b>	<b>8,043</b>
Professional Services	2,300	2,823	2,813	3,330	3,217	3,194	3,274	3,356	3,440	3,526	20,008
Communication	326	342	355	387	450	436	447	458	470	482	2,744
Travel	132	139	156	156	192	190	195	199	204	210	1,190
Advertising	26	29	53	55	52	52	53	54	55	57	322
Operating Rents & Lease	198	224	321	274	498	485	497	509	522	535	3,047
Equipment Replacment	742	899	474	742	166	166	170	174	179	183	1,039
Equip Operations & Maint	1,301	1,355	1,590	1,587	1,644	1,656	1,697	1,740	1,783	1,828	10,346
Insurance	679	704	811	820	887	977	1,001	1,026	1,052	1,078	6,022
Utilities	1,491	1,697	1,779	1,806	1,894	1,928	1,977	2,026	2,077	2,128	12,029
Repairs and Maintenance	595	699	793	802	819	828	849	870	892	914	5,170
Miscellaneous	807	787	933	995	1,116	1,112	1,140	1,169	1,198	1,228	6,963
Claims & Judgements	288	261	300	450	382	382	392	401	411	422	2,390
Credit Card Fees	45	45	38	33	65	70	72	74	75	77	433
Other	9	8	-	19	7	7	7	7	7	7	41
<b>Total Services</b>	<b>8,938</b>	<b>10,015</b>	<b>10,415</b>	<b>11,456</b>	<b>11,387</b>	<b>11,483</b>	<b>11,770</b>	<b>12,064</b>	<b>12,366</b>	<b>12,675</b>	<b>71,745</b>
SCORE Jail	1,067	1,232	1,463	1,495	1,485	1,633	1,674	1,716	1,759	1,803	10,071
Other	1,161	1,171	1,320	1,280	1,519	1,558	1,597	1,637	1,677	1,719	9,707
<b>Total Intergovernmenta</b>	<b>2,228</b>	<b>2,403</b>	<b>2,783</b>	<b>2,775</b>	<b>3,004</b>	<b>3,191</b>	<b>3,271</b>	<b>3,353</b>	<b>3,436</b>	<b>3,522</b>	<b>19,777</b>
Machinery and Equipmen	407	197	855	446	234	88	90	92	95	97	697
<b>Total Capital</b>	<b>407</b>	<b>197</b>	<b>855</b>	<b>446</b>	<b>234</b>	<b>88</b>	<b>90</b>	<b>92</b>	<b>95</b>	<b>97</b>	<b>697</b>
<b>Total Dept. Expenditure</b>	<b>\$ 48,714</b>	<b>\$ 52,000</b>	<b>\$ 54,257</b>	<b>\$ 55,525</b>	<b>\$ 57,352</b>	<b>\$ 58,578</b>	<b>\$ 60,043</b>	<b>\$ 61,544</b>	<b>\$ 63,083</b>	<b>\$ 64,660</b>	<b>\$ 365,260</b>

**Projection Factors:** The departmental expenditure growth factor for 2019-2022 is 2.5%.

ATTACHMENT A-1  
NOTES TO ATTACHMENT A  
REVENUES, EXPENDITURES AND FUND BALANCE

## GENERAL

### Purpose

The purpose of the Financial Planning Model is to:

1. Assess the financial health of the City over a 6-year period.
2. Demonstrate the impact of policy decisions on the City's finances.
3. Assist in the productive use of financial resources.
4. Demonstrate compliance with the Reserve Policy.
5. Determine the impact of changing economic conditions and assumptions on the plan and the City's financial stability.

### Structure

The General Fund receives most the City's unrestricted revenues. Prior to 2011, retail sales tax was allocated to other funds as a means of funding their expenditures and projects. To aid forecasting and financial management, this practice was changed so unrestricted revenues are received directly by the General Fund. These revenues are categorized into accounts and reporting groups according to rules established by the Washington State Auditor's Office and communicated through the Budget and Reporting System (BARS). Attachment A of the Financial Planning Model reflects the revenues and expenditures of the General Fund and selected other governmental funds. It is divided into the following sections:

- General revenues
- Dedicated revenues
- Operating and maintenance expenditures
- Transfers for operations, Reserve funding and debt service
- Admin/Engineering overhead
- Capital Projects
- Change in fund balance, Ending fund balance
- Reserve fund ending balance

General revenues are revenues recorded into the General Fund. They support operations and are considered part of ordinary governmental activities and include revenues such as property tax, sales tax and utility taxes. Special, one-time revenue sources include the sale of real property, land and buildings, and reimbursement of the City's portion of the Tukwila Access Project costs through Local Improvement District (LID) bond proceeds.

Dedicated revenues are those taxes restricted as to use through legislation. They are recorded into various capital funds based on the nature of the restriction and include revenues such as real estate excise tax (REET).

Operating and maintenance expenditures constitute General Fund expenditures, excluding transfers to funds included in the Financial Planning Model. Expenditures by department are shown on Attachment B and summarized on Attachment A.

Operating transfers are transfers from the General Fund to funds other than the capital project funds for purposes such as debt service, set asides for major purchases and other purposes.

Admin/Engineering Overhead costs represent payroll and other costs charged to the capital project funds but not allocated to a specific capital project and therefore not included in the Capital Project costs or on Attachment C.

The Capital Project section provides an estimate of the City's share of the capital project costs for each capital fund over the 6 year plan period.

The Change in Fund balance represents the amount revenues exceed or are less than expenditures for each year shown. The change in fund balance is added, when revenues exceed expenditures, or subtracted, when expenditures exceed revenues, from the beginning fund balance to arrive at the ending fund balance.

### 2017-2022 Plan Highlights

In developing Attachment A, assumptions have been made on future economic conditions and other factors influencing revenue growth. The projections assume an improving local economy. In King County, inflation has remained low, unemployment rates have dropped, the residential housing market has rallied and construction activity has increased.

Revenues are estimated to increase at a rate of 3%. This rate mirrors the City's historical experience. Operating and maintenance expenditures are projected to increase by 2.5%. Debt service costs and capital project expenditures are projected based on analysis of existing and proposed debt and on capital project plans.

Two new funds have been established and are included in the Financial Planning Model. Fund 305, Public Safety Plan, has been established to capture revenue and expenditures associated with the Public Safety Plan should the ballot measure vote on November 8, 2016 be affirmative.. Fund 306, Public Works Shops, has been established to capture revenue and expenditures for the construction of new Public Works Shops. Although funding for the Shops will be through councilmanic authority, the construction plan is partially dependent on the outcome of the Public Safety Plan vote.

## **GENERAL REVENUES**

General revenues have been projected to increase by 3% in 2019-2022. This rate is consistent with historical experience.

### **Sales Tax**

This revenue category includes retail sales tax, criminal justice sales tax and natural gas use tax. Retail sales tax has historically comprised 94% to 96% of this revenue category.

### **Property Taxes**

Property tax revenue is limited to a 1% annual increase plus taxes generated by new construction and annexations.

### **Utility Taxes**

A utility tax was approved beginning in 2003 at an initial rate of 4%, increased to 5%, and to 6% in 2007. The tax applies to electric, natural gas, and communications sales. In 2009, Council adopted a 6% utility tax on solid waste collection in the City.

### **Interfund Utility Taxes**

A 15% utility tax on revenues from City owned utilities was established in 2009 to provide funds for flood mitigation measures when the structural integrity of the Howard Hanson Dam was impaired. On May 1, 2010, the tax was reduced to 10%. The tax is scheduled to expire on December 31, 2021.

### **Gambling and Other Taxes**

The gambling tax revenue category comprises gambling, admission and leasehold taxes. Historically, gambling taxes have constituted 91% to 96% of the category.

### **Revenue Generating Regulatory License (RGRL)**

The RGRL was established as part of the City's 2010 plan to stabilize finances due to revenue loss resulting from unfavorable economic conditions and other factors. It is assessed on businesses based on the number of full time equivalent employees in Tukwila.

### **Licenses and Permits**

This revenue category includes business licenses, residential rental licenses and permits related to construction, e.g. building, electrical, mechanical and plumbing permits; and special fire permits.

### **Seattle City Light (SCL) Agreement**

The City entered into a contract agreement with SCL in 2003 with a 4% contract payment. The rate was increased to 5% in 2006 and to 6% in 2007. The rate currently remains at 6%.

## Intergovernmental Revenue

Sales tax mitigation is paid to the City by the State. Intergovernmental revenue includes State shared liquor taxes and profits, operating grants and the emergency services (EMS) allocation and other revenue from other governments.

## Charges for Services/Other

This revenue category includes Court related fees such as adult probation and record check fees; fees generated by the Community Development department for plan check and structural reviews; fire inspection and re-inspection fees and recreation fees for youth, senior and other programs.

## Indirect Cost Allocation

The allocation reflects the General fund support for Tukwila's Hotel/Motel Tax fund, the Internal Service funds and the Enterprise funds. The fees are expected to increase at the same rate as operating and maintenance costs.

## One-time Revenues

One-time revenues include real property sales for Tukwila Village and other parcels..

## **DEDICATED REVENUES**

Dedicated revenues have been projected to increase by 3% in 2019-2022. This rate is consistent with historical experience. These revenues are recorded directly into the capital project funds they support and help pay for project costs, but are not tied to a specific project.

**OPERATING TRANSFERS – DEBT SERVICE**

**DEBT SERVICE  
2017 - 2022 Analysis in 000's**

DEBT SERVICE	Use of Debt Proceeds	BUDGET		PROJECTIONS				TOTAL
		2017	2018	2019	2020	2021	2022	2017-2022
<b>EXISTING DEBT:</b>								
LTGO 2003	Golf course club house	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
LTGO 2008 Refunding	City Hall Annex, 6300 bldg, and Urban revitalization - Tukwila Village	810	809	811			-	2,430
	City Hall Annex, 6300 bldg	364	364	365	-	-	-	1,094
	Tukwila Village	445	445	446	-	-	-	1,337
SCORE 2009	South County Corretional Entity, SCORE Jail facility	-	-	427	428	428	428	1,711
	Scheduled debt service	427	428	428	428	426	427	2,565
	Estimated contribution by SCORE	(427)	(428)	-	-	-	-	(856)
LTGO 2010	Southcenter Parkway Extension, emergency management	520	519	567	558	552	543	3,259
	Southcenter Pkwy Extension	381	381	416	409	405	398	2,390
	Emergency Management	138	138	151	149	147	145	868
LTGO 2011 Refunding	Arterial street portion of 2003 bond -- South Park bridge, Fort Dent, Tukwila Pool transaction	552	549	549	545	546	552	3,294
LTGO 2012	Tukwila Metropolitan Park District	113	113	113	113	113	113	679
LTGO 2014	Urban Renewal line of credit	40	2,290	-	-	-	-	2,330
LTGO 2014	Urban Renewal Bonds	260	261	261	261	261	261	1,564
LTGO 2015	Interurban/Boeing Access Rd Brdg	391	389	392	390	388	390	2,340
	Interurban	227	226	227	226	225	226	1,357
	Boeing Access Road Bridge	164	163	165	164	163	164	983
Existing debt		\$ 2,686	\$ 4,931	\$ 3,120	\$ 2,295	\$ 2,288	\$ 2,287	\$ 17,606
<b>PROPOSED DEBT:</b>								
LTGO 2017	Residential Street	-	672	672	672	672	672	3,360
	42nd Ave S \$ 6,400							
	53rd Ave S \$ 2,000							
LTGO 2017	Public Works Shops \$29,493	-	246	712	1,180	1,180	1,180	4,498
Planned debt	\$ 37,893	\$ -	\$ 918	\$ 1,384	\$ 1,852	\$ 1,852	\$ 1,852	\$ 7,858
<b>TOTAL Estimate / Projections</b>		<b>\$ 2,686</b>	<b>\$ 5,849</b>	<b>\$ 4,504</b>	<b>\$ 4,147</b>	<b>\$ 4,140</b>	<b>\$ 4,139</b>	<b>\$ 25,464</b>

## PROJECT TRANSFERS

General Fund project transfers are made to support capital and governmental projects. The contribution required is based on the financial status of the project fund (such as the Arterial Street fund, the Land/Parks Acquisition fund, etc.), the amount of dedicated revenues received into the fund, the amount of specific funding sources such as grants and the amount of the existing fund balance.

**Priority of use** for project fund revenues generally are as follows:

1. Specific project funding such as grant revenue.
2. Dedicated taxes such as REET or parking tax.
3. Fund balance, debt or General Fund contributions/transfers depending on the unique circumstances of the project and the overall financial plan.

## FUND BALANCE

To the extent revenues exceed expenditures, fund balance is increased and can be carried forward for use in the following fiscal year. To the extent expenditures exceed revenues, fund balance is used and declines. The City's Reserve Policy specifies that the General Fund ending fund balance shall equal or exceed 18% of the previous year operating revenues. The Reserve Policy also requires that a 10% minimum fund balance be maintained for the Contingency / Reserve Fund. The biennial budget complies with both these requirements.

A schedule of funds included in Attachment A follows.

### FUND BALANCES INCLUDED IN ATTACHMENT A 2014 - 2018 Analysis in 000's

FUNDS INCLUDED IN ATTACHMENT A	ACTUAL		PROJECTED 2016	BUDGET 2016	PROPOSED BUDGET	
	2014	2015			2017	2018
000 General Fund	\$ 10,181	\$ 11,403	\$ 11,591	\$ 8,364	\$ 11,360	\$ 11,363
2** Debt Service	5	203	169	5	168	168
103 Residential Street	1,164	819	833	302	878	887
104 Arterial Street	1,376	5,052	3,787	148	47	533
301 Land, Park Acquisition	1,302	2,117	2,713	337	2,290	2,378
302 Facilities	936	1,190	371	1,787	1,997	226
303 General government	414	397	334	250	244	150
304 Fire facilities	505	551	646	550	678	728
305 Public Safety buildings					9,656	357
306 Public Works Shops						21,041
Total General government	\$ 15,883	\$ 21,732	\$ 20,445	\$ 11,743	\$ 27,319	\$ 37,832
105 Contingency Reserve	5,771	5,587	5,716	5,704	5,952	6,087
Total Governmental Funds	\$ 21,654	\$ 27,320	\$ 26,161	\$ 17,447	\$ 33,271	\$ 43,919



Capital Improvement Program  
General Government Project Costs 2017 - 2022 in 000's

Project	Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
		Total	Grants	Total	Grants											
<b>Residential Streets</b>	1															
42 Ave S Phase III	2	5,851	5,827	2,465	2,398									8,316	8,225	4,360
53rd Ave S (S 137 - 144 St)	3	2,613	2,575	2,610	2,575									5,223	5,150	
Cascade View SRTS Phase II	4	814	714											814	714	
Neighborhood Traffic Calming	5	75												75	0	
Small Roadway & Safety Imprvs	6			350	175									350	175	
Residential Street Improvements	7					750			750					750	0	2,310
Subtotal by Source		9,353	9,116	5,425	5,148	750	0	750	750	750	0	0	750	17,778	14,264	6,670
SUBTOTAL		City Total 237		City Total 277		City Total 750		City Total 3,514		6,670						

Capital Improvement Program  
General Government Project Costs 2017 - 2022 in 000's

Project	Page No.	Economic Development										After Six Years			
		2017		2018		2019		2020		2021			2022		Totals
		Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev
<b>Bridges &amp; Arterial Streets</b>	9														
Boeing Access Rd Bridge	10	10,869	10,869											10,869	10,869
TUC - Pedestrian Bridge	11 *	5,178	4,889	600	500									5,778	5,389
Major Maint on 3 Bridges	12	3,186	3,186	1,296	1,296									4,482	4,482
Strander Blvd Ext Phase 3	13	3,000	2,551	3,000	2,595	18,300	17,900	14,200	13,894					38,500	36,940
S 144th St Phase II (42 - TIB)	14 *	2,598	2,272											2,598	2,272
Baker Blvd Non-Motorized	15	1,000	1,000											1,000	1,000
Interurban Ave S	16	500												500	
Annual Overlay and Repair **	17	1,400		1,400		1,730		1,740		1,800		1,800		9,870	0
Annual Bridge Inspections **	18	270		335		335		335		405		405		2,085	0
ADA Improvements **	19	200		200		200		200		200		200		1,200	0
Annual Traffic Signal Program **	20	115		120		120		125		125		130		735	0
S 144th St Bridge - Sidewalks	21	200	173	1,210	1,047									1,410	1,220
S 140th St Intersection	22	75	67	675	608									750	
BNSF Regional Center Access	23	60		40		40		40		40		30		60	0
Wetland Mitigation **	24	30		40		40		40		40		30		220	0
TUC/TOD Ped Improvements	25	20	20											20	20
West Valley (I-405-Strander Blvd)	26			482	472	2,070	1,749	144	111	1,570	1,209			2,552	2,221
APE/Minkler Blvd Intersection	27 *													1,714	1,320
APE/ Industry Dr Intersection	*													0	0
S 133rd St/SR599 Intersection	*													0	0
Transportation Comp Plan														0	0
Walk & Roll Program														0	0
E Marginal Way (BAR - S 112 St)	*													0	0
Minkler Blvd (APW - S/C Pkwy)	*													0	0
Tuk Int'l Blvd (BAR - 116 Wy)	*													0	0
Tuk Int Blvd/S 116th On-Ramp														0	0
Traffic Signal Interconnect	*													0	0
S 168th St (S/C Pkwy - APE)														0	0
Southcenter Blvd (I-5-61 Bridge)														0	0
Rockery Replacement Program														0	0
S 180 St/APW Intersection														0	0
S 143 St (Interurban-Duwamish)														0	0
Subtotal by Source		28,701	25,027	9,358	6,518	22,795	19,649	16,784	14,005	4,140	1,209	2,565	0	84,343	66,408
<b>SUBTOTAL</b>		<b>City Total 3,674</b>	<b>City Total 2,840</b>	<b>City Total 3,146</b>	<b>City Total 2,779</b>	<b>City Total 2,931</b>	<b>City Total 2,565</b>	<b>City Total 17,935</b>	<b>City Total 77,635</b>						

XXX

\* Traffic or Park Impact Fee List Projects (project must be started within 10 years).

\*\* Ongoing Projects

Capital Improvement Program  
General Government Project Costs 2017 - 2022 in 000's

Project	Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
		Total	Other Rev	Total	Other Rev											
<b>Parks &amp; Trails</b>	29															
<u>Parks &amp; Trails</u>																
Lake to Sound Trail	30	75												75	0	
Park Acquisition	31	378			62	62		62						502	124	
Multipurpose Trails	32	115	115	62	62									177	177	150
Park Improvements	33	330		330	70	295		220		220				1,615	70	220
Fort Dent Park	34	125		125		125		125		125				750	0	
Municipal Arts Fund	35	50	184		122									50	306	
Duwamish Hill Preserve *	36	26	16	24	14	18	8	30	20	30	20	10		138	78	7,997
Dog Park Projects	37	40		40										80	0	
Parks & Rec Open Space Plan	38					125								125	0	
Tukwila Pond Trail & Brdwlk	39													0	0	3,664
Tukwila South Trail	40					1,000	1,000							1,000	1,000	
Hand Boat Launches	41													0	0	1,801
Macadam Garden & Wetland	42													0	0	1,000
Open Space Improvements	43													0	0	1,125
Subtotal by Source		1,139	315	581	268	1,625	1,070	437	82	375	20	355	0	4,512	1,755	15,957
<b>SUBTOTAL</b>		<b>City Total 824</b>		<b>City Total 313</b>		<b>City Total 555</b>		<b>City Total 355</b>		<b>City Total 355</b>		<b>City Total 355</b>		<b>City Total 2,757</b>		<b>15,957</b>

\* Park Impact Fee List Projects (project must be started within 10 years).

<b>General Government</b>																
Project	Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
		Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	
<b>Urban Renewal</b>	45															
Tukwila Village	46	35	3,483	11	2,061									46	5,544	
TIB Redevelopment Project	47	25		25	2,250									50	2,250	
Subtotal by Source		60	3,483	36	4,311	0	0	0	0	0	0	0	0	96	7,794	0
<b>SUBTOTAL</b>		<b>City Total (3,423)</b>		<b>City Total (4,275)</b>		<b>City Total 0</b>		<b>City Total (7,698)</b>		<b>0</b>						

**Capital Improvement Program  
General Government Project Costs 2017 - 2022 in 000's**

Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
	Total	Other Rev	Total	Other Rev											
<b>General Improvements</b>															
Facilities Improvements **	150		150		300		300		300		300		1,500	0	300
Subtotal by Source	150	0	150	0	300	0	300	0	300	0	300	0	1,500	0	300
<b>SUBTOTAL</b>	<b>City Total 150</b>		<b>City Total 150</b>		<b>City Total 300</b>		<b>City Total 1,500</b>		<b>300</b>						

**General Government**

Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	
<b>Public Safety Plan</b>															
Justice Center	6,300	6,071	2,157		20,172	22,558							28,629	28,629	
Relocate Fire Station 51	6,150	11,946	5,296	300	4,332	1,350		350		350		350	11,446	14,646	(3,718)
Rebuild Fire Station 52	653	1,325	672		862	4,332							5,657	5,657	(3,150)
Rebuild Fire Station 54	1,084	4,501	1,474		3,276	6,484	957		5,510		6,471		7,329	6,471	
Fire Apparatus & Equipment	14,187	23,843	9,599	300	28,642	34,724	2,266	350	7,614	350	2,349	6,903	64,657	66,470	11,468
Subtotal by Source	23,843	23,843	9,599	300	28,642	34,724	2,266	350	7,614	350	2,349	6,903	64,657	66,470	11,468
<b>SUBTOTAL</b>	<b>City Total (9,656)</b>		<b>City Total 9,299</b>		<b>City Total (6,082)</b>		<b>City Total 1,916</b>		<b>City Total 7,264</b>		<b>City Total (4,554)</b>		<b>City Total (1,813)</b>		<b>11,468</b>

\* Fire Impact Fee List Projects (project must be started within 10 years).

Page No.	2017		2018		2019		2020		2021		2022		Totals		After Six Years
	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	Total	Other Rev	
<b>City Facilities</b>															
Public Works Shops	6,150	29,493	2,302		21,041		5,000						29,493	34,493	
City Hall Facilities													0	0	22,185
Subtotal by Source	6,150	29,493	2,302	0	21,041	0	5,000	0	0	0	0	0	29,493	34,493	22,185
<b>SUBTOTAL</b>	<b>City Total (23,343)</b>		<b>City Total 2,302</b>		<b>City Total 21,041</b>		<b>City Total (5,000)</b>		<b>City Total 0</b>		<b>City Total 0</b>		<b>City Total (5,000)</b>		<b>22,185</b>

<b>SUMMARY</b>															
Totals by Source	59,740	91,277	27,451	16,545	75,153	55,443	20,537	19,437	13,179	1,579	6,319	6,903	202,379	191,184	
<b>PROPOSED TOTALS</b>	<b>Total (31,537)</b>		<b>Total 10,906</b>		<b>Total 19,710</b>		<b>Total 1,100</b>		<b>Total 11,600</b>		<b>Total (584)</b>		<b>Total 11,195</b>		<b>134,215</b>

\*\* On-going Projects

**ATTACHMENT D**  
City of Tukwila  
**WATER ENTERPRISE FUND**  
2017 - 2022 Analysis in 000's

<b>REVENUES</b>	<b>2014 Actual</b>	<b>2015 Actual</b>	<b>2016 Budget</b>	<b>2016 Estimate</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>Totals</b>
Monthly Water Charges <sup>(1)</sup>	Base	Base	+5% Commercial	+5% Commercial	+5%	+5%	+5%	+5%	+5%	+5%	
Cascade Water Alliance (CWA)	2,449	2,480	2,400	2,480	2,657	2,710	2,764	2,820	2,904	2,962	16,817
Regular City Water	3,493	3,986	3,633	3,950	4,182	4,265	4,350	4,438	4,526	4,617	26,378
Subtotal Water	<b>5,942</b>	<b>6,466</b>	<b>6,033</b>	<b>6,430</b>	<b>6,839</b>	<b>6,975</b>	<b>7,114</b>	<b>7,258</b>	<b>7,430</b>	<b>7,579</b>	<b>43,195</b>
Other Miscellaneous Revenue	55	42	35	35	41	43	50	55	60	65	314
Interlocal Ags\PWTF\Grants	61	1,105	3,000	0	0	0	0	3,000	3,000	0	6,000
Water Connection Fees <sup>(2)</sup>	62	108	25	25	25	25	10	10	10	10	90
<b>Total Revenues</b>	<b>6,120</b>	<b>7,721</b>	<b>9,093</b>	<b>6,490</b>	<b>6,905</b>	<b>7,043</b>	<b>7,174</b>	<b>10,323</b>	<b>10,500</b>	<b>7,654</b>	<b>49,599</b>
<b>EXPENDITURES</b>											
CWA Purchased Water <sup>(3)</sup>	2,449	2,480	2,400	2,400	2,657	2,710	2,764	2,820	2,904	2,962	16,817
Water Operations & Maintenance	1,861	2,026	2,101	2,101	2,096	2,102	2,250	2,295	2,365	2,433	13,541
Proposed Debt Service for Facilities						81	400	400	400	400	1,681
Debt Service <sup>(4)</sup>	562	545	162	162	148	148	145	145	144	129	859
Interfund Utility Tax <sup>(5)</sup> 10%	597	648	607	607	688	702	716	731	749	764	4,351
Engineering Labor <sup>(7)</sup>	76	66	80	80	83	85	87	89	91	93	528
Subtotal	5,545	5,765	5,350	5,350	5,672	5,828	6,362	6,480	6,653	6,781	37,777
Water Capital - CIP Program	1,084	1,312	2,450	3,445	3,170	1,070	1,356	3,815	3,360	1,085	13,856
<b>Total Expenditures</b>	<b>6,629</b>	<b>7,077</b>	<b>7,800</b>	<b>8,795</b>	<b>8,842</b>	<b>6,898</b>	<b>7,718</b>	<b>10,295</b>	<b>10,013</b>	<b>7,866</b>	<b>51,633</b>
<b>FUND BALANCE</b>											
Change in Fund Balance <sup>(a)</sup>	(509)	644	1,293	(2,305)	(1,937)	145	(544)	28	487	(212)	(2,034)
Beginning Balance	6,542	5,777	6,084	6,084	3,779	1,842	1,987	1,443	1,471	1,958	3,779
<b>Ending Balance</b>	<b>6,033</b>	<b>6,421</b>	<b>7,377</b>	<b>3,779</b>	<b>1,842</b>	<b>1,987</b>	<b>1,443</b>	<b>1,471</b>	<b>1,958</b>	<b>1,745</b>	<b>1,745</b>

<b>Fund Balance:</b>											
Reserved <sup>(b)</sup> 20% of revenue	1,165	1,212	1,323	1,323	1,219	1,381	1,409	1,435	1,465	1,500	1,500
Unreserved	4,868	5,209	6,054	2,456	623	606	34	36	493	245	245
<b>Ending Balance</b>	<b>6,033</b>	<b>6,421</b>	<b>7,377</b>	<b>3,779</b>	<b>1,842</b>	<b>1,987</b>	<b>1,443</b>	<b>1,471</b>	<b>1,958</b>	<b>1,745</b>	<b>1,745</b>

<sup>(a)</sup> Revenues in excess of (less than) expenditures

<sup>(b)</sup> Annual reserve balance requirement equals 20% of the prior year operating revenues.

## ATTACHMENT D-1

### NOTES TO WATER ENTERPRISE FUND

- 1) Rates reflect increases of 5% for 2017 through 2022. These rate increases are essential to sustain our reserve balance and cover any possible increases from Cascade Water Alliance (CWA). We will continue to review the annual rate model to confirm that the proposed increases are necessary.

Future water purchased at additional costs will be passed on to ratepayers. We have identified Cascade Water Alliance's revenues and expenditures to better reflect the actual water charges and the respective increases. CWA has proposed rate increases of 2.57% in 2017 and 1.7% in 2018.

- 2) Connection fees are estimated for the Allentown/Foster Point and Duwamish projects.
- 3) Cascade Water Alliance is split out to identify the actual costs of purchased water. CWA has scheduled increases in their six-year planning model that will affect our water rates.
- 4) Debt schedule includes Public Works Trust Fund (PWTF) loans and Bonds.

<b>Water Debt Service includes:</b>	<b><u>Expires</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>
2003 PWTF Duwamish (20%)	7/1/21	14,815.61	14,743.33
2004 PWTF Allentown (26%)	7/1/24	83,850.51	83,447.38
2006 Bond Allentown (26%)	12/31/26	46,974.00	47,760.00
<i>Proposed Public Works Shops</i>		0.00	81,180.00
	<b>Total</b>	<b>\$145,640.12</b>	<b>\$227,130.71</b>

- 5) An Interfund Utility Tax was approved in October 2009 for the water, sewer, and surface water utilities. Gross revenues are currently taxed 10% through December 31, 2021.
- 6) The Working Capital Reserve Fund's policy was updated in 2012 per Resolution No. 1774 to maintain an adequate fund balance in each of the enterprise funds. For the Enterprise Funds, the unrestricted fund balance shall equal or exceed 20% of the previous year's revenue, exclusive of significant non-operating, non-recurring revenues.
- 7) The Senior Water/Sewer Engineer's salary and benefits are split evenly between the water department and the sewer department.

#### **Water Enterprise Fund**

The City's Enterprise Funds account for utility operations that are self-supported through user charges. The utilities are financed and operated like a private business enterprise which requires periodic determination of revenues earned; expenses incurred, and net income for capital maintenance, public policy, management control and accountability. The Water Fund accounts for operations and capital improvements to provide water to a portion of City residents. King County Water District 125 and Highline Water District also supply water to City residents.

**ATTACHMENT E**  
**City of Tukwila**  
**SEWER ENTERPRISE FUND**  
**2017 - 2022 Analysis in 000's**

REVENUES	2014 Actual	2015 Actual	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	Totals
Monthly Sewer Charges	+15%	+10%	+5% Commercial	+5% Commercial	KC	+3.5%	KC	+3.4%	KC	+3.2%	
King County Metro Sewer <sup>(1)</sup>	4,134	3,866	4,191	4,191	4,337	4,337	4,643	4,643	4,735	4,735	27,430
Regular City Sewer <sup>(2)</sup>	3,997	4,971	4,000	4,000	4,000	4,120	4,120	4,243	4,243	4,243	24,969
Subtotal Sewer Revenue	8,131	8,837	8,191	8,191	8,337	8,457	8,763	8,886	8,978	8,978	52,399
Other Misc. Revenue	181	228	165	165	212	217	220	225	230	235	1,339
Grant/Bonds/PWTF	248	504	290	290	0	0	0	0	0	0	0
Sewer Connection Fees <sup>(3)</sup>	262	206	125	125	125	125	100	100	100	100	650
<b>Total Revenues</b>	8,822	9,775	8,771	8,771	8,674	8,799	9,083	9,211	9,308	9,313	54,388
<b>EXPENDITURES</b>											
Sewer Operations & Maintenance											
King County Metro Sewer <sup>(4)</sup>	4,134	3,866	4,191	4,191	4,337	4,337	4,643	4,643	4,735	4,735	27,430
Regular City Sewer <sup>(5)</sup>	1,100	1,884	1,035	1,035	1,189	1,355	1,432	1,461	1,514	1,560	8,511
Debt Service <sup>(6)</sup>	373	410	395	395	359	360	355	355	353	353	2,135
<i>Proposed Debt Service for Facilities</i>						49	240	240	240	240	1,009
Interfund Utility Tax <sup>(7)</sup> 10%	829	902	836	836	855	867	898	911	921	921	5,374
Engineering Labor <sup>(9)</sup>	86	90	78	78	83	86	87	89	91	93	529
Subtotal	6,522	7,152	6,535	6,535	6,823	7,054	7,655	7,699	7,854	7,902	44,988
Sewer Capital - CIP Program	561	980	4,097	3,665	3,342	1,565	1,474	705	1,528	2,730	11,344
<b>Total Expenditures</b>	7,083	8,132	10,632	10,200	10,165	8,619	9,129	8,404	9,382	10,632	56,332
<b>FUND BALANCE</b>											
Change in Fund Balance <sup>(4)</sup>	1,739	1,643	(1,861)	(1,429)	(1,491)	180	(46)	807	(74)	(1,319)	(1,944)
Beginning Balance	3,599	5,285	7,181	7,181	5,752	4,262	4,441	4,395	5,202	5,128	5,752
<b>Ending Balance</b>	5,338	6,928	5,320	5,752	4,262	4,441	4,395	5,202	5,128	3,809	3,809

<b>Fund Balance:</b>											
Reserved - 20% of prior year's reve	1,520	1,715	1,854	1,854	1,696	1,735	1,760	1,817	1,842	1,862	1,862
Unreserved	3,818	5,213	3,466	3,898	2,565	2,706	2,635	3,385	3,286	1,947	1,947
<b>Ending Balance</b>	5,338	6,928	5,320	5,752	4,262	4,441	4,395	5,202	5,128	3,809	3,809

<sup>(4)</sup> Revenues in excess of (less than) expenditures

# ATTACHMENT E-1

## NOTES TO SEWER ENTERPRISE FUND

- 1) King County Metro sewer and Tukwila’s sewer have been split out to present the revenues separately. Metro increases will be passed through to the sewer ratepayers. King County Metro sewer fees will increase 5.2% in 2017 per KC Ordinance No. 18305 and we have factored in potential King County increases for 2019 through 2022.
- 2) A 3.5% rate increase is proposed for Tukwila sewer in 2017, 2020, and 2022 with no increases in 2017, 2019, and 2021. We will continue with the annual rate model review to confirm that the proposed increases are necessary.
- 3) Sewer connection fees for Allentown Phase I and Allentown/Foster Point Phase II.
- 4) King County Metro Sewer treatment fees are passed through to ratepayers.
- 5) City’s basic operation and maintenance costs. An additional Maintenance and Operations Specialist position is needed in the Sewer department, but this new position has been delayed indefinitely in order to build up the Sewer fund’s reserves.
- 6) Includes the Public Works Trust Fund (PWTF) Loan and the 2006 Bond for the Allentown/Foster Point Phase II Sewer Improvement Project.

<b>Sewer Debt Service includes:</b>	<b><u>Expires</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>
2004 PWTF Allentown (62%)	7/1/24	\$199,951.21	\$198,989.61
2006 Bond Allentown (62%)	12/31/26	112,014.00	113,889.00
2013 PWTF CBD Sewer Rehab	12/31/33	44,469.00	44,263.00
<i>Proposed Public Works Shops</i>		<u>0.00</u>	<u>49,200.00</u>
	<b>Total</b>	<b>\$356,434.21</b>	<b>\$406,341.61</b>

- 7) An Interfund Utility Tax was approved in October 2009 for the water, sewer, and surface water utilities. Gross revenues are currently taxed 10% through December 31, 2021..
- 8) The Working Capital Reserve Fund’s policy was updated in 2012 per Resolution No. 1774 to maintain an adequate fund balance in each of the enterprise funds. For the Enterprise Funds, the unrestricted fund balance shall equal or exceed 20% of the previous year’s revenue, exclusive of significant non-operating, non-recurring revenues.
- 9) The Senior Water/Sewer Engineer’s salary and benefits are split evenly between the water department and the sewer department.

### **Sewer Enterprise Fund**

The City’s Enterprise Funds account for utility operations that are self-supported through user charges. The utilities are financed and operated like a private business enterprise which requires periodic determination of revenues earned; expenses incurred, and net income for capital maintenance, public policy, management control and accountability. The Sewer Fund accounts for operations and capital improvements to provide sanitary sewer to a portion of City residents. Valley View Sewer District also provides sewer in the City.

**ATTACHMENT F**  
City of Tukwila  
**SURFACE WATER ENTERPRISE FUND**  
2017 - 2022 Analysis in 000's

REVENUES	2014 Actual	2015 Actual	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	Total
	+10%	+20%	+15%	+15%	+5%	+3%	+5%	+3%	+5%	+5%	
Annual Billings (Current) <sup>(1)</sup>	4,222	5,086	5,825	5,836	6,127	6,300	6,615	6,813	7,154	7,154	40,163
Other Revenues	(54)	28	38	30	30	30	40	50	50	60	260
Grants/Bond Proceeds <sup>(2)</sup>	1,164	789	1,212	375	1,256	2,656	10,115	125	165	75	14,392
<b>Total Revenues</b>	<b>5,332</b>	<b>5,903</b>	<b>7,075</b>	<b>6,241</b>	<b>7,413</b>	<b>8,986</b>	<b>16,770</b>	<b>6,988</b>	<b>7,369</b>	<b>7,289</b>	<b>54,815</b>
<b>EXPENDITURES</b>											
Operations & Maintenance	1,604	1,891	1,940	1,940	2,090	2,139	2,332	2,426	2,523	2,600	14,110
Debt Service <sup>(3)</sup>	322	316	312	312	304	303	301	300	298	285	1,791
<i>Proposed Debt Service for Facilities</i>						116	560	560	560	560	2,356
Interfund Utility Tax <sup>(4)</sup> 10%	424	510	586	587	618	636	666	686	720	721	4,048
Engineering Labor <sup>(6)</sup>	355	452	531	475	556	573	595	635	654	686	3,699
Subtotal	2,705	3,169	3,369	3,314	3,568	3,767	4,454	4,607	4,755	4,852	26,004
SSWM Capital - CIP Program	2,808	2,553	4,506	2,300	4,566	4,963	11,902	2,077	1,173	1,627	26,308
<b>Total Expenditures</b>	<b>5,513</b>	<b>5,722</b>	<b>7,875</b>	<b>5,614</b>	<b>8,134</b>	<b>8,730</b>	<b>16,356</b>	<b>6,684</b>	<b>5,928</b>	<b>6,479</b>	<b>52,312</b>
<b>FUND BALANCE</b>											
Change in Fund Balance <sup>(a)</sup>	(181)	181	(800)	627	(721)	256	415	304	1,441	810	2,503
Beginning Balance	2,213	2,063	1,252	1,252	1,879	1,158	1,414	1,829	2,133	3,573	1,879
<b>Ending Balance</b>	<b>2,032</b>	<b>2,244</b>	<b>452</b>	<b>1,879</b>	<b>1,158</b>	<b>1,414</b>	<b>1,829</b>	<b>2,133</b>	<b>3,573</b>	<b>4,383</b>	<b>4,383</b>

<b>Fund Balance:</b>											
Reserved <sup>(b)</sup> 20% of revenue	778	834	1,023	1,173	1,173	1,231	1,266	1,331	1,373	1,441	1,441
Unreserved	1,254	1,410	(571)	706	(15)	183	563	802	2,201	2,942	2,942
<b>Ending Balance</b>	<b>2,032</b>	<b>2,244</b>	<b>452</b>	<b>1,879</b>	<b>1,158</b>	<b>1,414</b>	<b>1,829</b>	<b>2,133</b>	<b>3,573</b>	<b>4,383</b>	<b>4,383</b>

<sup>(a)</sup> Revenues in excess of (less than) expenditures

<sup>(b)</sup> Annual reserve balance requirement equals 20% of the prior year operating revenues.

## ATTACHMENT F-1

### NOTES TO SURFACE WATER ENTERPRISE FUND

- 1) Reflects proposed rate increases of 5% in 2017, 3% in 2018, and 5% and 3% in 2019 through 2022. We will continue with the annual rate model review to confirm that the proposed Surface Water rate increases are necessary.

The National Pollution Discharge Elimination System (NPDES) permit required by the State Department of Ecology is having a significant impact on the Surface Water fund. For 2017, one Foreman that was previously a 50/50 split with the Street Department become fully funded by the Surface Water Fund.

- 2) Potential grants and/or bond revenue. Included is the estimated Department of Ecology grant for NPDES and King County Flood Control District Opportunity grants as well as significant grant funding for the Chinook Wind Project. 53<sup>rd</sup> Ave S has grant funding from the State Transportation Improvement Board grant.
- 3) Debt schedule includes PWTF loans and the 2006 Allentown Bond.

<b>Debt Service includes:</b>	<b><u>Expires</u></b>	<b><u>2017</u></b>	<b><u>2018</u></b>
2004 PWTF Duwamish (15%)	7/01/21	11,886.51	11,828.53
2004 PWTF Cascade View Const.	7/01/24	231,029.91	229,919.18
2004 PWTF Allentown (12%)	7/01/24	38,700.23	38,514.17
2006 Bond Allentown (12%)	12/31/26	21,680.00	22,043.00
<i>Proposed Public Works Shops</i>		0.00	115,620.00
	<b>Total</b>	<b>\$303,296.65</b>	<b>\$417,924.88</b>

- 4) An Interfund Utility Tax was approved in October 2009 for the water, sewer, and surface water utilities. Gross revenues are currently taxed 10% through December 31, 2021.
- 5) The Working Capital Reserve Fund's policy was updated in 2012 per Resolution No. 1774 to maintain an adequate fund balance in each of the enterprise funds. For the Enterprise Funds, the unrestricted fund balance shall equal or exceed 20% of the previous year's revenue, exclusive of significant non-operating, non-recurring revenues.
- 6) Cost of engineering to support capital projects, NPDES, and operation efforts in-house.

#### **Surface Water Enterprise Fund**

The City's Enterprise Funds account for utility operations that are self-supported through user charges. The utilities are financed and operated like a private business enterprise which requires periodic determination of revenues earned; expenses incurred, and net income for capital maintenance, public policy, management control and accountability. The Surface Water Enterprise Fund accounts for operations and capital improvements for the City's storm drainage and surface water management function. Surface Water projects are required to meet Federal, State and local mandates. The largest contributor to the surface water enterprise fund is the City of Tukwila.

**ATTACHMENT G**  
City of Tukwila  
**GOLF ENTERPRISE FUND**  
2017 - 2022 Analysis in 000's

REVENUES	2014 Actual	2015 Actual	2016 Budget	2016 Estimate	2017	2018	2019	2020	2021	2022	Total
Excise Tax	3	4	3	3	4	4	4	4	4	4	24
Merchandise	141	128	135	135	129	129	132	134	137	140	801
Snacks Sales	18	22	20	20	22	22	22	23	23	24	136
Green Fees	958	1,012	1,059	1,052	1,084	1,134	1,169	1,174	1,209	1,233	7,003
Instruction	4	10	6	6	12	12	12	12	13	13	74
Interest Earnings	0	1	1	1	1	1	1	1	1	1	6
Rentals (Clubs & Pull Carts)	13	13	13	13	13	13	13	14	14	14	81
Rentals (Riding Carts)	170	186	177	177	190	190	194	198	202	206	1,180
Concession Proceeds	99	100	98	100	103	106	108	110	112	115	654
Other - Rewards Program	0	7	0	6	7	7	7	7	7	8	43
<b>Subtotal Revenues</b>	<b>1,406</b>	<b>1,483</b>	<b>1,512</b>	<b>1,513</b>	<b>1,565</b>	<b>1,618</b>	<b>1,662</b>	<b>1,677</b>	<b>1,722</b>	<b>1,758</b>	<b>10,002</b>
General Fund Contribution	600	300	300	300	300	300	300	300	300	300	1,800
<b>Total Revenues</b>	<b>2,006</b>	<b>1,783</b>	<b>1,812</b>	<b>1,813</b>	<b>1,865</b>	<b>1,918</b>	<b>1,962</b>	<b>1,977</b>	<b>2,022</b>	<b>2,058</b>	<b>11,802</b>
<b>EXPENDITURES</b>											
Golf Maintenance	789	862	1,024	999	985	1,024	1,045	1,066	1,087	1,109	6,316
Pro Shop Operations	604	663	502	501	579	590	602	614	626	639	3,650
Golf Capital - CIP Program	48	0	50	70	50	50	50	50	50	50	300
Subtotal	1,441	1,525	1,576	1,570	1,614	1,664	1,697	1,730	1,763	1,798	10,266
Admissions Tax to General Fund	57	60	60	60	60	60	60	60	60	60	360
Indirect Cost Allocation <sup>(5)</sup>	197	174	177	177	181	185	188	192	196	200	1,142
<b>Total Expenditures</b>	<b>1,695</b>	<b>1,759</b>	<b>1,813</b>	<b>1,807</b>	<b>1,855</b>	<b>1,909</b>	<b>1,945</b>	<b>1,982</b>	<b>2,019</b>	<b>2,058</b>	<b>11,768</b>
<b>FUND BALANCE</b>											
Change in Fund Balance <sup>(a)</sup>	311	24	(1)	6	10	9	17	(5)	3	0	34
Prior Period Operating AJ (GASB-	(206)	(596)									
Beginning Balance	610	715	142	142	148	158	167	184	179	182	148
<b>Ending Balance</b>	<b>715</b>	<b>143</b>	<b>141</b>	<b>148</b>	<b>158</b>	<b>167</b>	<b>184</b>	<b>179</b>	<b>182</b>	<b>182</b>	<b>182</b>

<b>Fund Balance:</b>											
Reserved <sup>(b)</sup> 20% of revenue	361	281	297	297	303	313	324	332	335	344	352
Unreserved	354	(138)	(156)	(149)	(145)	(146)	(140)	(153)	(153)	(162)	(170)
<b>Ending Balance</b>	<b>715</b>	<b>143</b>	<b>141</b>	<b>148</b>	<b>158</b>	<b>167</b>	<b>184</b>	<b>179</b>	<b>182</b>	<b>182</b>	<b>182</b>

<sup>(a)</sup> Revenues in excess of (less than) expenditures

<sup>(b)</sup> Annual reserve balance requirement equals 20% of the prior year operating revenues.

## ATTACHMENT G-1

### NOTES TO GOLF ENTERPRISE FUND

- 1) Green Fees and Instruction are expected to increase modestly as a function of both increased instruction for new and young players and periodic greens fee increases. This model allows for a slight growth in golf rounds and includes an increase in green fees every two years to keep current with the market.
- 2) The Golf Course's share of general obligation bond 2003 was assumed by a governmental fund in 2011.
- 3) General Fund Contribution is the portion of the City's sales tax revenue that will be transferred to the 411 Golf fund to cover Admission tax, Indirect Cost Allocation, and Working Capital Reserves.
- 4) Operations and Maintenance does not include the Parks and Recreation's Director's 25% of salary and benefits. The Golf Maintenance building is covered 50%/50% between Golf and the Parks Department.
- 5) Indirect Cost Allocation will be calculated on an annual basis.
- 6) The Working Capital Reserve Fund's policy was updated in 2012 per Resolution No. 1774 to maintain an adequate fund balance in each of the Enterprise Funds. For the Enterprise Funds, the unrestricted fund balance shall equal or exceed 20% of the previous year's revenue, exclusive of significant non-operating, non-recurring revenues.

#### **Golf Enterprise Fund**

The City's Enterprise Funds account for operations that are self-supported through user charges. The funds are financed and operated like a private business enterprise which requires periodic determination of revenues earned, expenses incurred, and net income for capital maintenance, public policy, management control and accountability. The Golf Enterprise Fund accounts for operation, maintenance, debt service and improvements of the municipal golf facility. The difference between the other utility enterprise funds is that Golf has voluntary users as opposed to involuntary users of the water, sewer, and surface water funds.



City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**RESIDENTIAL STREETS**  
**103 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
2	42nd Ave S Phase III	5,851	2,465	0	0	0	0	8,316	8,225	4,360
3	53rd Ave S (S 137th St - S 144th St)	2,613	2,610	0	0	0	0	5,223	5,150	0
4	Cascade View SRTS Phase II	814	0	0	0	0	0	814	714	0
5	Neighborhood Traffic Calming Program	75	0	0	0	0	0	75	0	0
6	Small Roadway & Safety Improvements	0	350	0	0	0	0	350	175	0
7	Residential Street Improvements	0	0	750	750	750	750	3,000	0	2,310
<b>Grand Total</b>		<b>9,353</b>	<b>5,425</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>17,778</b>	<b>14,264</b>	<b>6,670</b>

\*\* Denotes other funding sources, grants, or mitigation.

Changes from 2015 to 2017 CIP:

Deleted Thorndyke Safe Routes to School, completed in 2015.

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 42nd Ave South Phase III Project No. 99410303

**DESCRIPTION:** Design and construct street improvements, drainage, sidewalks, bike facilities, and driveway adjustments.

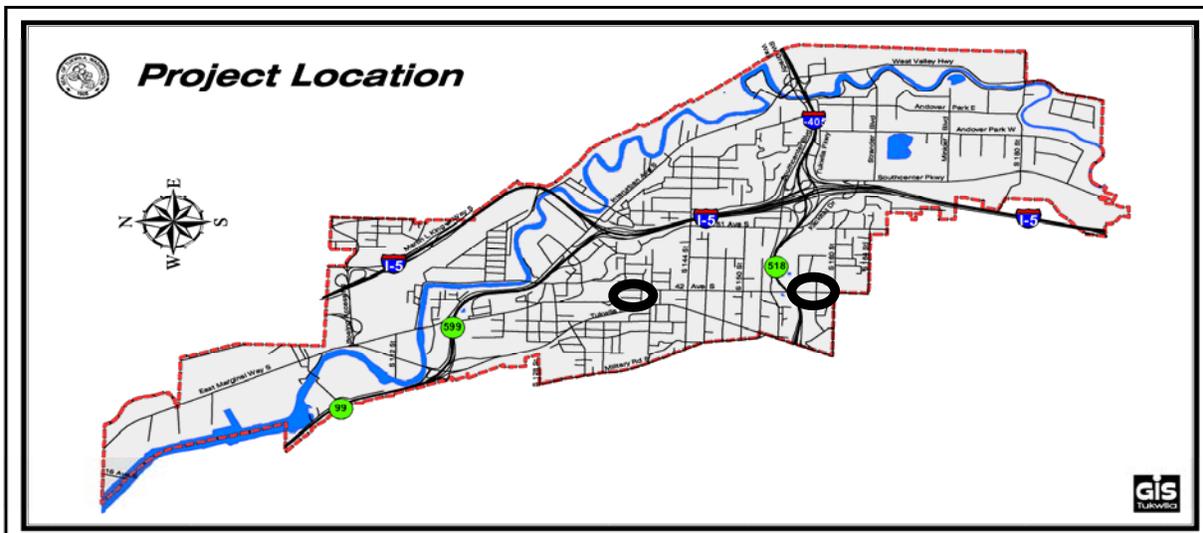
**JUSTIFICATION:** Provide pedestrian and vehicle safety, drainage, and neighborhood revitalization.

**STATUS:** Phase III (S/C Blvd (154th) - S 160 St), Design began in 2012, construction in 2017. Project No. 99410303  
 Phase I 90-RW15 (S/C Blvd (154) - 144 St) \$3,796 & Phase II 94-RS02 (144-139) \$1,850, both completed.  
 Phase IV (S 139 St - S 131 Pl) \$1m in beyond. Project No. 99410301

**MAINT. IMPACT:** Reduce pavement, shoulder, and drainage work.

**COMMENT:** Only Phase III is shown in active years. Project includes Surface Water's Gilliam Creek 42nd Ave S Culvert project for \$1.3m (pg. 98) and is part of the Walk & Roll Plan. Seattle City Light's funding is a 60/40 underground split.

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022			
EXPENSES										Phase IV	
Design	1,000	125									1,125
Land (R/W)			100								100
Const . Mgmt.			750	322						560	1,632
Construction			2,534	1,086						3,800	7,420
Undergrounding			2,467	1,057							3,524
<b>TOTAL EXPENSES</b>	<b>1,000</b>	<b>125</b>	<b>5,851</b>	<b>2,465</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,360</b>	<b>13,801</b>
FUND SOURCES											
Seattle City Light			1,077	462							1,539
Surface Water	144										144
Other Utilities	1		150	136							287
Bond			4,600	1,800							6,400
City Oper. Revenue	855	125	24	67	0	0	0	0	4,360	5,431	
<b>TOTAL SOURCES</b>	<b>1,000</b>	<b>125</b>	<b>5,851</b>	<b>2,465</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,360</b>	<b>13,801</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 53rd Ave S (S 137th St - S 144th St)

Project No. 99110301

**DESCRIPTION:** Design and construct urban residential street improvements that include curb, gutter, sidewalk, undergrounding, and illumination. Street will coordinate with Water \$1.1m, Sewer \$185k, and Surface Water \$920k CIP projects.

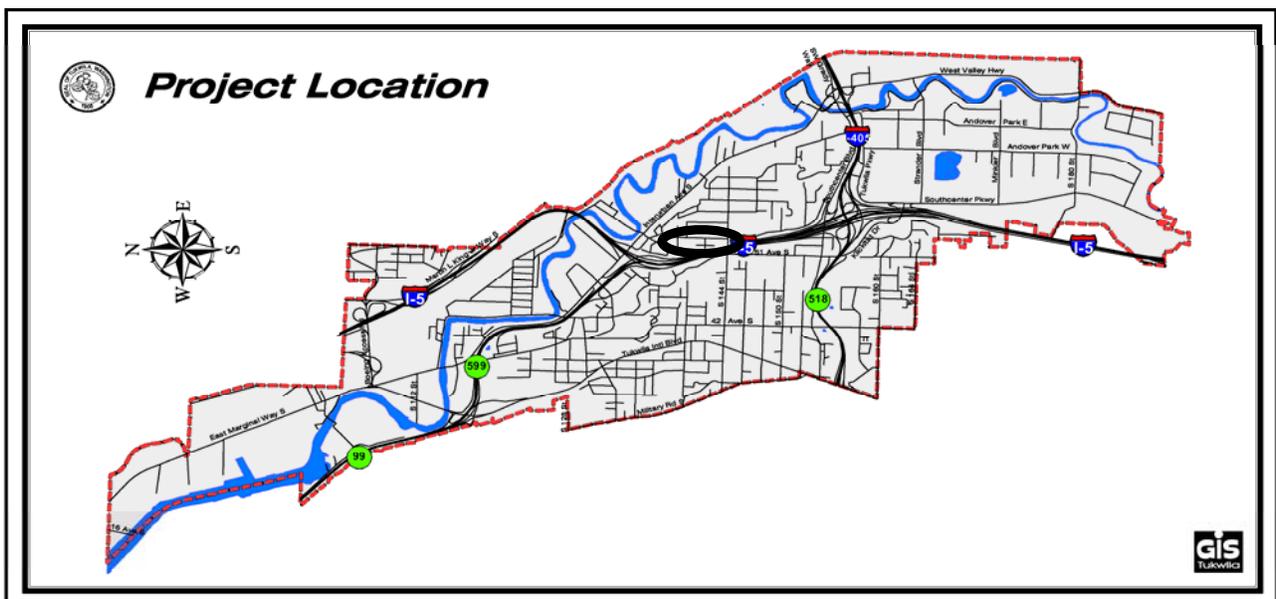
**JUSTIFICATION:** Provide pedestrian and vehicle safety, drainage, and neighborhood revitalization.

**STATUS:** Undergrounding is included at this time.

**MAINT. IMPACT:** Reduce pavement, shoulder, and drainage work.

**COMMENT:** State TIB grant for \$2.14M for roadway and drainage. See additional pages in Enterprise funds under 53rd Ave S Projects. Seattle City Light is now negotiating a 60/40 underground split and undergrounding costs have been added to project. Bond for \$2 million.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	83	107	3							193
Land (R/W)	2	98								100
Const. Mgmt.			435	435						870
Construction			1,050	1,050						2,100
Undergrounding			1,125	1,125						2,250
<b>TOTAL EXPENSES</b>	<b>85</b>	<b>205</b>	<b>2,613</b>	<b>2,610</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,513</b>
<b>FUND SOURCES</b>										
Utilities W/S/SWM	25									25
Awarded TIB Grant			900	900		Remainder in SWM				1,800
Seattle City Light			675	675						1,350
Bond			1,000	1,000						2,000
City Oper. Revenue	60	205	38	35	0	0	0	0	0	338
<b>TOTAL SOURCES</b>	<b>85</b>	<b>205</b>	<b>2,613</b>	<b>2,610</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,513</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Cascade View Safe Routes to School Phase II

Project No. 91510302  
91210301

**DESCRIPTION:** Construct an off-street, paved shared use path, sidewalks, and a traffic circle at 33rd Ave S and S 140th St. This route was identified in the Walking Audit prepared for the Cascade View school zone. S 140th St is one of the high priority missing sidewalk areas prioritized as part of the Walk and Roll Plan.

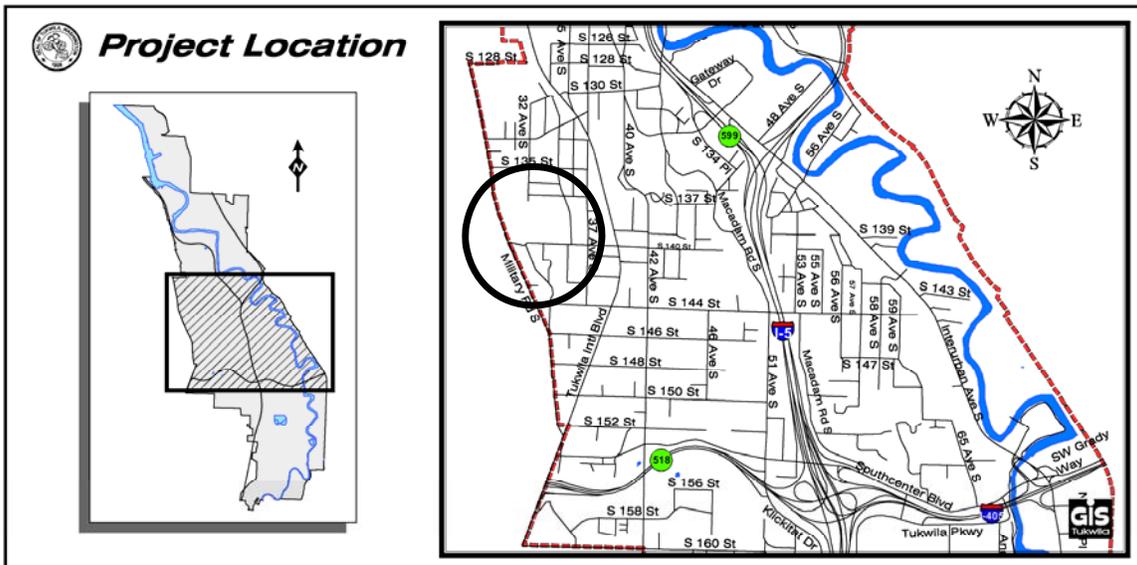
**JUSTIFICATION:** Enhance safety for students walking to Cascade View Elementary School and encourage transportation choices for Cascade View neighborhood residents.

**STATUS:** Phase I completed an off-street, paved shared use path between S 137th St and S 140th St in 2015 (91210301). Phase II includes a traffic circle at 33rd Ave S/S 140th St. Also includes sidewalks on the east side of 33rd Ave S between S 140th St & S 144th St and the south side of S 140th St between Military Rd S and 34th Ave S.

**MAINT. IMPACT:** New trail, traffic circle, sidewalks, and drainage will need to be maintained.

**COMMENT:** Phase II WSDOT Safe Routes to School Federal grant for \$839K. Mitigation of \$37k from Orcas Homes. Phase I included a WSDOT Safe Routes to School State grant for \$428K.

FINANCIAL (in \$000's)	Through		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	Estimated 2016								
EXPENSES	Phase I	Phase II	Phase II							
Design	84	125	20							229
Land (R/W)	65									65
Const. Mgmt.	89		140							229
Construction	310		654							964
<b>TOTAL EXPENSES</b>	<b>548</b>	<b>125</b>	<b>814</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,487</b>
FUND SOURCES										
Awarded Grant	404	125	714							1,243
School District Grant	22									22
Proposed Grant										0
Mitigation		37								37
City Oper. Revenue	122	(37)	100	0	0	0	0	0	0	185
<b>TOTAL SOURCES</b>	<b>548</b>	<b>125</b>	<b>814</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,487</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Neighborhood Traffic Calming Program

Project No. 90210301

**DESCRIPTION:** Programmatic approach to addressing neighborhood traffic concerns through a variety of methods. Striping, improved signage, roadway improvements, traffic calming devices, and educational approaches are applied as needed to reduce speeding and improve safety.

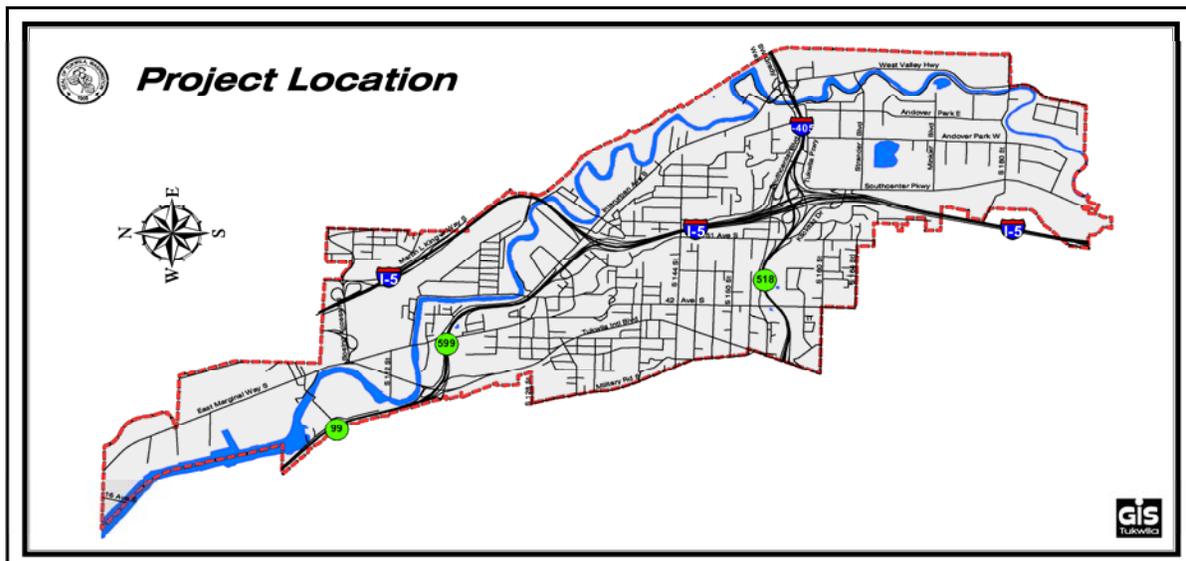
**JUSTIFICATION:** Increasing public demand on staff time. Local access streets in residential neighborhoods may use treatments not typically used on larger roadways. Treatments to 'calm' traffic are used worldwide.

**STATUS:** Traffic and collision data collection will begin in 2017 as the baseline information to see state and Federal grant funding. A full-time traffic engineer could be grant funded.

**MAINT. IMPACT:** Varies, depends on treatment(s) used.

**COMMENT:** Program feasibility is dependent upon Public Works adding a Traffic Engineer to existing staff.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design			75								75
Land (R/W)											0
Const. Mgmt											0
Construction											0
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>75</b>						
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
City Oper. Revenue	0	0	75	0	0	0	0	0	0	0	75
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>0</b>	<b>75</b>						



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Small Roadway and Safety Improvements

Project No. 91310301  
Varies

**DESCRIPTION:**

Programmatic approach to addressing small roadway and safety concerns through a variety of methods. Addresses needs not included in general maintenance, traffic calming, or other approaches.

**JUSTIFICATION:**

Increasing public demand on staff time. Local access streets in residential neighborhoods may need minor roadway or safety improvements that can not be addressed with any other City program.

**STATUS:**

42nd Ave S/Allentown Roadside Barrier is proposed in phases, Project No. 91310301. Full design in 2014 and critical areas constructed in 2016. Additional construction is grant dependent.

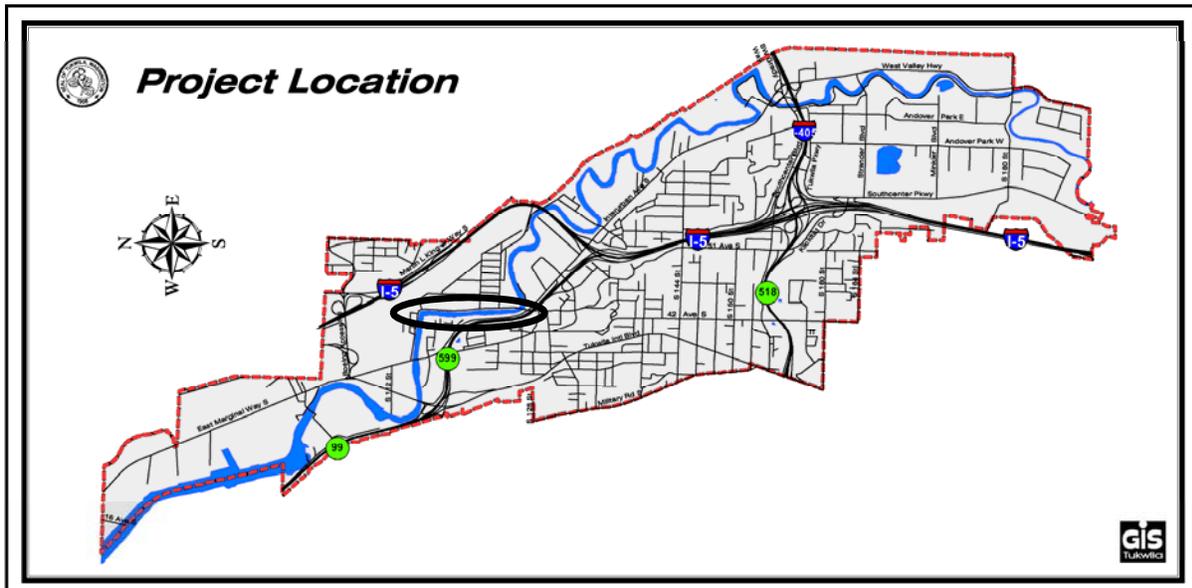
**MAINT. IMPACT:**

Minimal.

**COMMENT:**

Federal construction grant is proposed for \$175,000 from the City Safety with 50% local match required. Full program is only feasible if Public Works adds a Traffic Engineer to staff (same position as Traffic Calming).

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	104									104
Land (R/W)										0
Const. Mgmt.	2	10		50						62
Construction		86		300						386
<b>TOTAL EXPENSES</b>	<b>106</b>	<b>96</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>552</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant				175						175
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	106	96	0	175	0	0	0	0	0	377
<b>TOTAL SOURCES</b>	<b>106</b>	<b>96</b>	<b>0</b>	<b>350</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>552</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Residential Street Improvements Project No. Varies

**DESCRIPTION:** Select, design and construct residential streets and/or water and/or sewer projects.

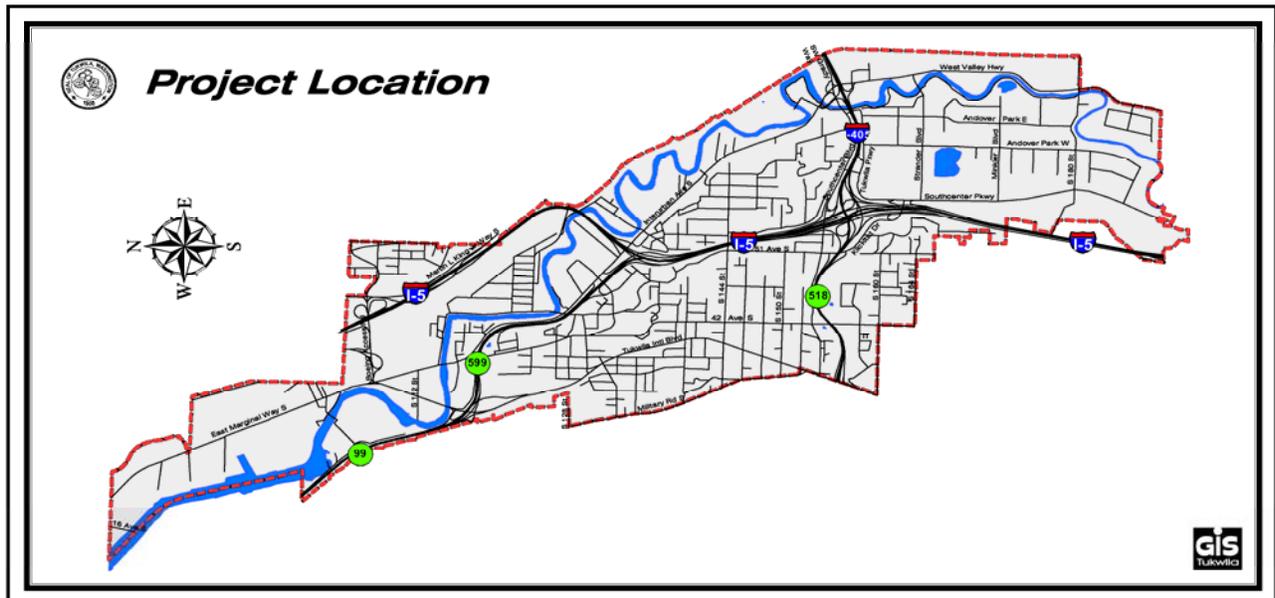
**JUSTIFICATION:** Neighborhood revitalization by improving residential streets.

**STATUS:** Future candidates are listed in the citywide comprehensive update and safety-based prioritization of residential street improvements, sidewalks, and bike lanes.

**MAINT. IMPACT:** Reduce maintenance.

**COMMENT:** Residential improvements have included 42nd Ave S (see page 2), 53rd Ave S (page 3), as well as Cascade View and Thorndyke Safe Route to School Projects.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	24	162			750	750	750	750	700	3,886
Land (R/W)										0
Const. Mgmt.									210	210
Construction									1,400	1,400
<b>TOTAL EXPENSES</b>	<b>24</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>2,310</b>	<b>5,496</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Motor Vehicle Tax										0
Mitigation Expected										0
City Oper. Revenue	24	162	0	0	750	750	750	750	2,310	5,496
<b>TOTAL SOURCES</b>	<b>24</b>	<b>162</b>	<b>0</b>	<b>0</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>750</b>	<b>2,310</b>	<b>5,496</b>





City of Tukwila  
CAPITAL IMPROVEMENT PROGRAM

for  
2017 - 2022

**BRIDGES & ARTERIAL STREETS**  
**104 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
10	Boeing Access Rd Bridge Rehabilitation	10,869	0	0	0	0	0	10,869	10,869	0
11	TUC - Pedestrian/Bicycle Bridge **	5,178	600	0	0	0	0	5,778	5,389	0
12	Major Maintenance on 3 Bridges 2015	3,186	1,296	0	0	0	0	4,482	4,482	0
13	Strander Blvd Extension Phase 3	3,000	3,000	18,300	14,200	0	0	38,500	36,940	0
14	S 144th St Phase II (42 Ave S - TIB) *	2,598	0	0	0	0	0	2,598	2,272	0
15	Baker Blvd Non-Motorized Imprv	1,000	0	0	0	0	0	1,000	1,000	0
16	Interurban Ave S	500	0	0	0	0	0	500	0	0
17	S 144th St Bridge - Sidewalks	200	1,210	0	0	0	0	1,410	1,220	0
18	Annual Overlay and Repair Program P	1,400	1,400	1,730	1,740	1,800	1,800	9,870	0	1,850
19	Annual Bridge Inspections and Repairs P	270	335	335	335	405	405	2,085	0	405
20	ADA Improvements	200	200	200	200	200	200	1,200	0	4,575
21	Annual Traffic Signal Program	115	120	120	125	125	130	735	0	130
22	S 140th St Intersection Improvements	75	675	0	0	0	0	750	675	0
23	BNSF Intermodal Facility Access	60	0	0	0	0	0	60	0	0
24	Wetland & Environmental Mitigation	30	40	40	40	40	30	220	0	40
25	TUC/TOD Pedestrian Improvements	20	0	0	0	0	0	20	20	4,250
26	West Valley Hwy (I-405 - Strander Blvd) *	0	482	2,070	0	0	0	2,552	2,221	1,400
27	APE/Minkler Blvd Intersection *	0	0	0	144	1,570	0	1,714	1,320	0
	APE/Industry Dr Intersection *	0	0	0	0	0	0	0	0	742
	S 133 St/SR599 Intersection *	0	0	0	0	0	0	0	0	2,399
	Transportation Element of Comp Plan	0	0	0	0	0	0	0	0	600
	Walk & Roll Program	0	0	0	0	0	0	0	0	175
	E Marginal Way (BAR - S 112 St) *	0	0	0	0	0	0	0	0	3,300
	Minkler Blvd (APW - S/C Pkwy) *	0	0	0	0	0	0	0	0	940
	Tukwila Int'l Blvd Phase IV *	0	0	0	0	0	0	0	0	5,050
	Tukwila Int'l Blvd/S 116th Wy/SR599	0	0	0	0	0	0	0	0	4,675
	Traffic Signal Interconnect Program *	0	0	0	0	0	0	0	0	3,000
	S 168 St (S/C Pkwy - APE)	0	0	0	0	0	0	0	0	23,244
	Southcenter Blvd (I-5 - 61st Ave Br)	0	0	0	0	0	0	0	0	20,000
	Rockery Replacement Program	0	0	0	0	0	0	0	0	525
	S 180 St/Andover Pk W Intersection	0	0	0	0	0	0	0	0	235
	S 143 St (Interurban - Duwamish)	0	0	0	0	0	0	0	0	100
<b>Grand Total</b>		<b>28,701</b>	<b>9,358</b>	<b>22,795</b>	<b>16,784</b>	<b>4,140</b>	<b>2,565</b>	<b>84,343</b>	<b>66,408</b>	<b>77,635</b>

\* Traffic Impact Fee List Projects (fees must be used within 10 years).

\*\* Denotes other funding sources, grants, or mitigation.

P - Preservation accounting codes per GASB 34

Changes from 2015 to 2017 CIP:

Added:

- 12 Major Maintenance on 3 Bridges 2015
- 15 Baker Blvd Non-Motorized Improvements
- 21 S 140th St Intersection Improvements

Project sheets scheduled beyond 2022  
can be found in the City's website under  
Public Works Capital Improvement Program.

Deleted:

Completed TUC Transit Center & Andover Park W in 2016.  
W Valley Hwy/ S 156 St Intersection, combined into West Valley Hwy  
Macadam Rd & S 144 St Intersection, study showed no intersection improvements needed

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Boeing Access Rd over BNRR Bridge Rehabilitation

Project No. 99410408

**DESCRIPTION:**

Rehabilitate the existing bridge with a 340' long concrete or steel bridge structure. It will be 6 lanes and have a sidewalk on one side.

**JUSTIFICATION:**

The existing bridge is structurally and seismically deficient. Several pedestals are leaning, have concrete spalls, exposed rusty anchor bolts and reinforcements and some cracks. The existing railings do not meet current bridge standards.

**STATUS:**

Type, size, and location draft report (specifically required for bridges) was completed in 2005. Federal grant applications were submitted in 2008 and 2010 and the bridge rehabilitation was successful for funding in 2012 for federal bridge funds. A Public Works Trust Fund (PWTF) loan was rescinded in 2013.

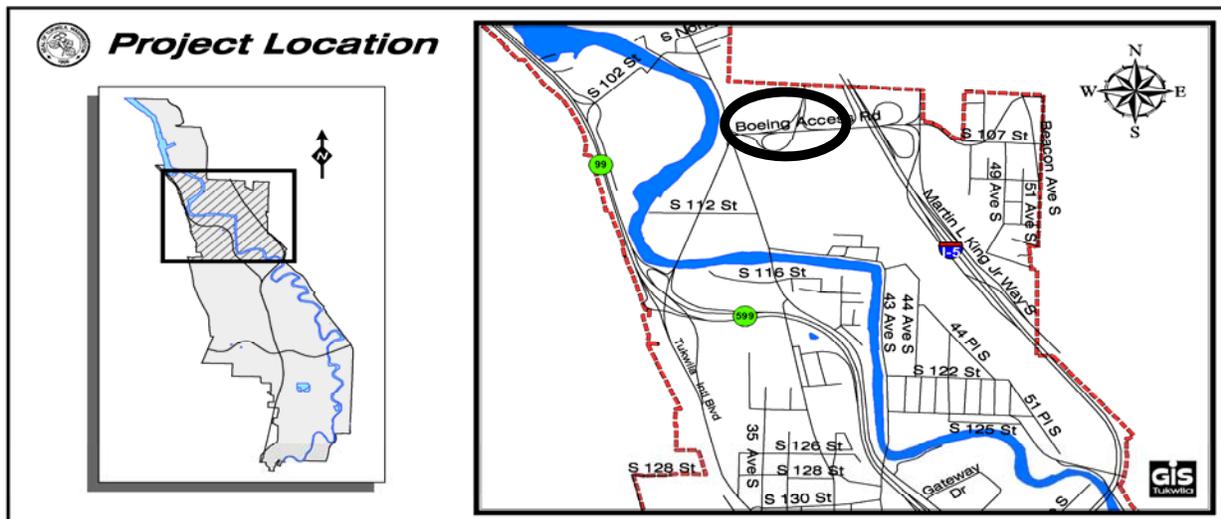
**MAINT. IMPACT:**

Maintenance will be reduced.

**COMMENT:**

Bridge will be rehabilitated in phases to allow continued traffic use. Federal bridge grant of \$9,745,600 requires a 20% local match. A bond issue for the City match was issued in 2015 with the Interurban Ave S.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	1,249	104									1,353
Land (R/W)		100									100
Const. Mgmt.			1,124								1,124
Construction			9,745								9,745
<b>TOTAL EXPENSES</b>	<b>1,249</b>	<b>204</b>	<b>10,869</b>	<b>0</b>	<b>12,322</b>						
<b>FUND SOURCES</b>											
Awarded Grant	905	163	8,677								9,745
Proposed Grant											0
Fund Balance-Bond	344	41	2,192								2,577
Mitigation											0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	0	0
<b>TOTAL SOURCES</b>	<b>1,249</b>	<b>204</b>	<b>10,869</b>	<b>0</b>	<b>12,322</b>						



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Tukwila Urban Center - Pedestrian/Bicycle Bridge Project No. 90510403

**DESCRIPTION:** Construct a new pedestrian/bicycle bridge over the Green River.

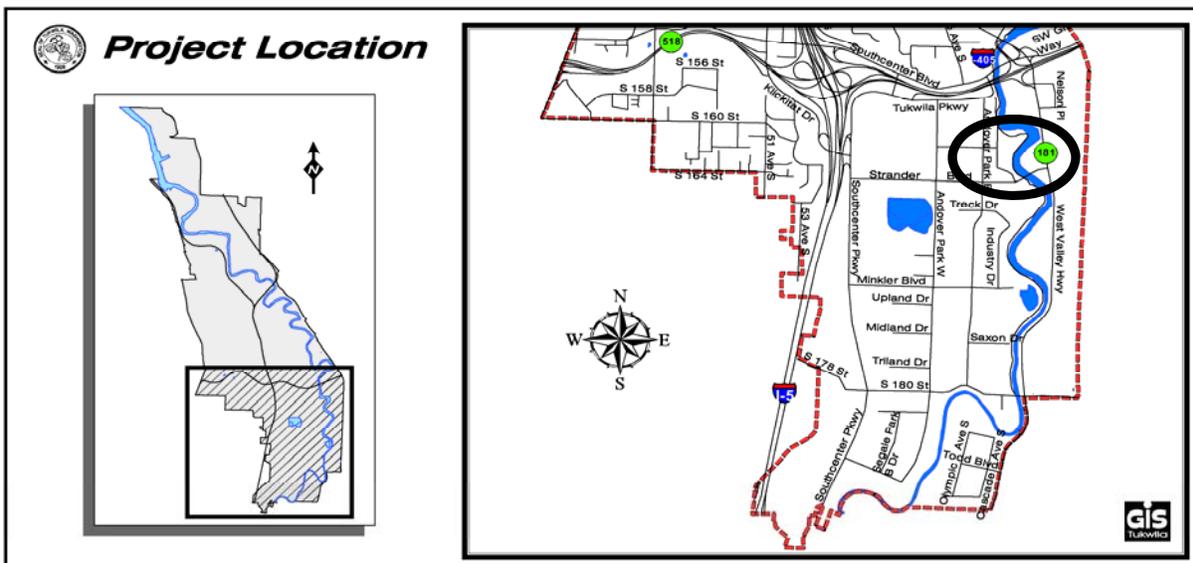
**JUSTIFICATION:** Pedestrian/bicycle connection between Tukwila's Urban Center and commuter rail/Amtrak station. Supports local and regional goals and policies regarding land use and transportation in Urban Center.

**STATUS:** Pedestrian System Report identified the optimal location for bridge crossing to be south of the Ramada Inn at 15901 West Valley Hwy. Type, Size, and Location Report was completed in 2011. Council approved a design of a twin-tied arch bridge with no accommodation for a future bridge crossing over West Valley Highway.

**MAINT. IMPACT:** To be determined.

**COMMENT:** Design grants: State Enhancement for \$190k & \$500k, Transit Oriented Development (TOD) planning grant of \$55k, and Federal CMAQ grant of \$751K. WSDOT Regional Mobility construction grant of \$6.870M. Project is on Park Impact Fee list with funding of \$2 million with an 80%/20% split for \$1.6M.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	1,863									1,863
Land (R/W)	504	296								800
Const. Mgmt.		300	500	50						850
Construction		2,000	4,678	550						7,228
<b>TOTAL EXPENSES</b>	<b>2,367</b>	<b>2,596</b>	<b>5,178</b>	<b>600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,741</b>
<b>FUND SOURCES</b>										
Awarded Grant	1,496									1,496
Awarded Reg Mobility	581	2,000	4,289							6,870
Park Impact Fees	197	178	600	500						1,475
Interfund Transfer	600									600
City Oper. Revenue	(507)	418	289	100	0	0	0	0	0	300
<b>TOTAL SOURCES</b>	<b>2,367</b>	<b>2,596</b>	<b>5,178</b>	<b>600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,741</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Major Maintenance on 3 Bridges 2015 91510406  
Project Nos. 91510407  
91510408

**DESCRIPTION:** Perform Seismic Retrofit, Deck and Joint Repair, and Bridge Painting work under the Local Agency Bridge Program on the Frank Zepp Bridge, Grady Way Bridge and the Beacon Avenue South Bridge.

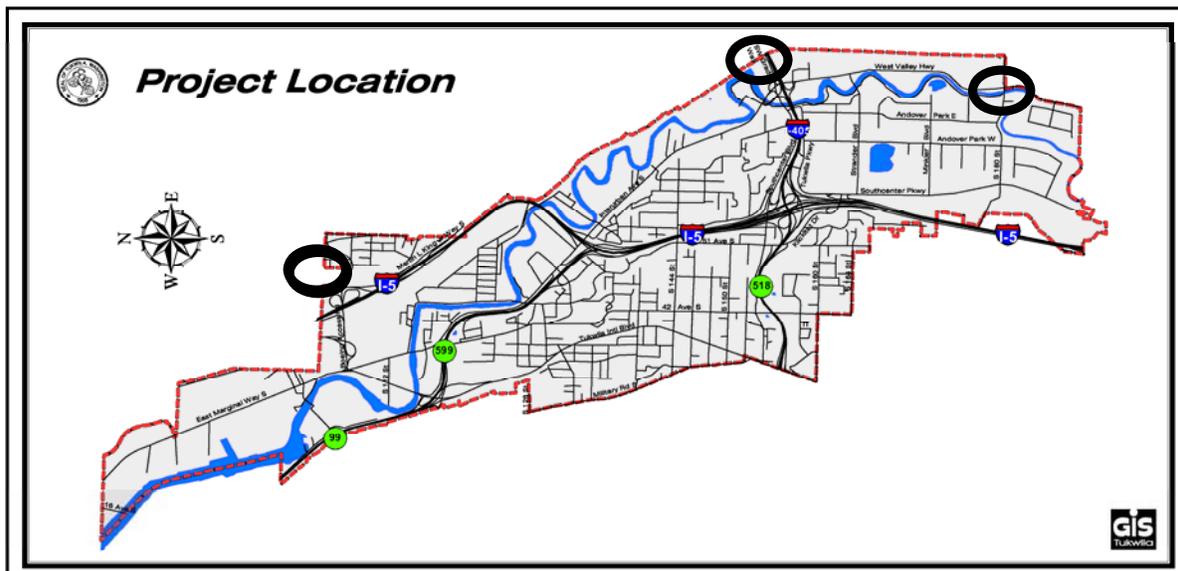
**JUSTIFICATION:** The three bridges were identified as good candidates for federal funding under the Local Agency Bridge Program administered by WSDOT. The proposed work will preserve the City owned infrastructure and extend the service lives of the bridges.

**STATUS:** Federal grant funding was approved December 2014. Council budget amendment approved 8/3/15.

**MAINT. IMPACT:** Maintenance needs will be reduced once these three major maintenance projects are completed.

**COMMENT:** The three bridges were approved for grants under separate federal aid numbers but will be combined into one for the design & construction contract. Grant funding requires a 10% match for the design phase; projects that obtain construction authorization by 9/30/18 are eligible for 100% Federal funding for construction.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	421	445								866
Land (R/W)										0
Const. Mgmt.			300	293						593
Construction			2,886	1,003						3,889
<b>TOTAL EXPENSES</b>	<b>421</b>	<b>445</b>	<b>3,186</b>	<b>1,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,348</b>
<b>FUND SOURCES</b>										
Fed BRAC Grant	379	401	3,186	1,296						5,262
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	42	44	0	0	0	0	0	0	0	86
<b>TOTAL SOURCES</b>	<b>421</b>	<b>445</b>	<b>3,186</b>	<b>1,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,348</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Strander Blvd Extension Phase 3

Project No. 98610403

**DESCRIPTION:** Design and construct arterial improvements for a new roadway extending Strander Blvd/SW 27th St from West Valley Highway to Oaksdale Ave in the City of Renton.

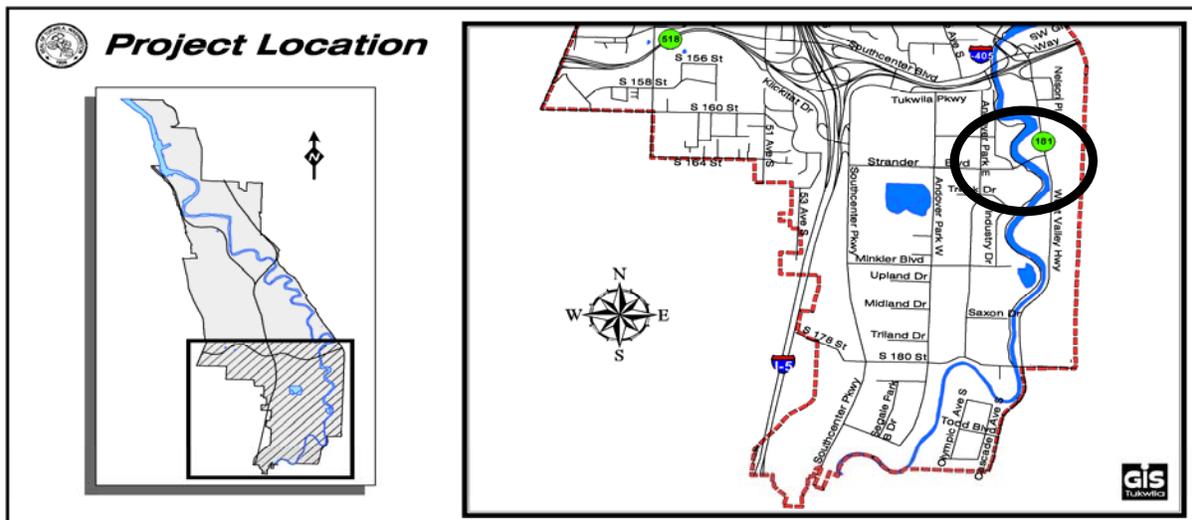
**JUSTIFICATION:** East/west capacity between I-405 and S 180 St is needed to serve Tukwila and Renton access.

**STATUS:** Project will be constructed in three phases. Phase I extended Stander Blvd/SW 27th St from Oaksdale Ave to Naches Ave SW. Phase II constructed a 2 lane roadway from Naches to the Sounder Train's Tukwila Longacres Station's parking lot. Paid Renton \$1m for Phase I & II. Phase III will construct the undercrossing of the UPRR and complete the 4 lane roadway from West Valley Highway in Tukwila to Naches Ave SW in Renton.

**MAINT. IMPACT:** New street.

**COMMENT:** Project partners include the City of Renton, Boeing, WSDOT, FMSIB, Sound Transit, Metro, Amtrak, and BNSF and UP Railroads. Funds in 2015-16 are for updated cost estimates and grant applications. STP (PSRC), FAST Lane, and TIGER grants were submitted in 2016.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	58	440	2,500	2,000						4,998
Land (R/W)	104		450	1,000						1,554
Wetland Mitigation			50		500					550
Const. Mgmt.					2,800	2,000				4,800
Construction					15,000	12,200				27,200
<b>TOTAL EXPENSES</b>	<b>162</b>	<b>440</b>	<b>3,000</b>	<b>3,000</b>	<b>18,300</b>	<b>14,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>39,102</b>
<b>FUND SOURCES</b>										
Awarded STP Grant			2,551	2,595						5,146
Proposed TIGER Grant					7,900	5,894				13,794
Proposed State TIB Grant					2,500	2,500				5,000
Proposed FMSIB Grant					2,500	2,500				5,000
Proposed STP Grant					5,000	3,000				8,000
City Oper. Revenue	162	440	449	405	400	306	0	0	0	2,162
<b>TOTAL SOURCES</b>	<b>162</b>	<b>440</b>	<b>3,000</b>	<b>3,000</b>	<b>18,300</b>	<b>14,200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33,956</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **S 144 St Phase II (42 Ave S - Tukwila Int'l Blvd) \*** Project No. 99510402 Zone 3

**DESCRIPTION:** Construct curb, gutter, sidewalk, bike lanes, pavement restoration, illumination, drainage and utility undergrounding from Tukwila Int'l Blvd to 42nd Ave S. Also add a signal at 42nd Ave S.

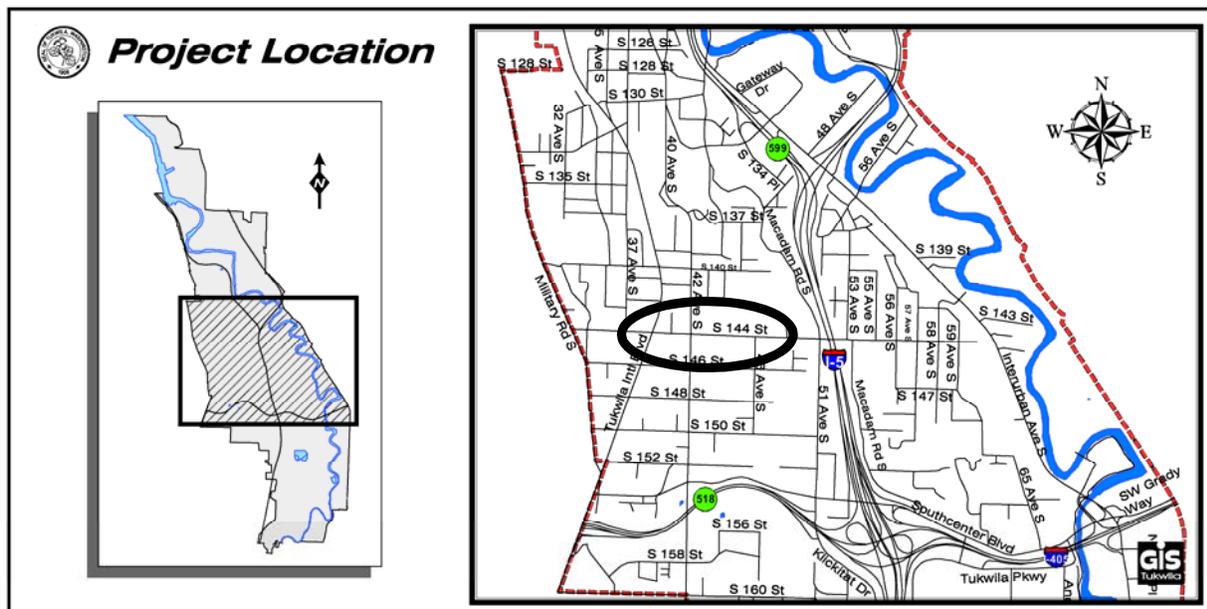
**JUSTIFICATION:** Provide pedestrian and vehicle safety, drainage and neighborhood revitalization.

**STATUS:** Phase I - Tukwila Int'l Blvd to Military Rd, project completed in 2007 for \$3.1 million with \$1 million in grants.  
Phase II - 42 Ave S to Tukwila International Blvd.

**MAINT. IMPACT:** Reduce pavement, drainage repairs, and maintenance costs.

**COMMENT:** Awarded Transportation Improvement Board's Arterial Improvement Program (AIP) grant of \$1 million. Project is on Impact Fee list. Design and construction related to the Tukwila Village project.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	345	97								442	
Land (R/W)	31	38								69	
Const. Mgmt.			350							350	
Construction			2,248							2,248	
<b>TOTAL EXPENSES</b>	<b>376</b>	<b>135</b>	<b>2,598</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,109</b>	
<b>FUND SOURCES</b>											
Awarded Grant	186		964							1,150	
Sea City Light		29	206							235	
Frontage/SSWM			781							781	
Traffic Impact Fees	190	22	321							533	
City Oper. Revenue	0	84	326	0	0	0	0	0	0	410	
<b>TOTAL SOURCES</b>	<b>376</b>	<b>135</b>	<b>2,598</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,109</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Baker Blvd Non-Motorized Improvements

Project No. 91610409

**DESCRIPTION:** Design and construct non-motorized improvements on Baker Blvd from Andover Park West to Christensen Rd, including bike lanes with a proposed road diet. Project will also construct previously designed non-motorized improvement on Christensen Rd from Baker Blvd to the Green River trail.

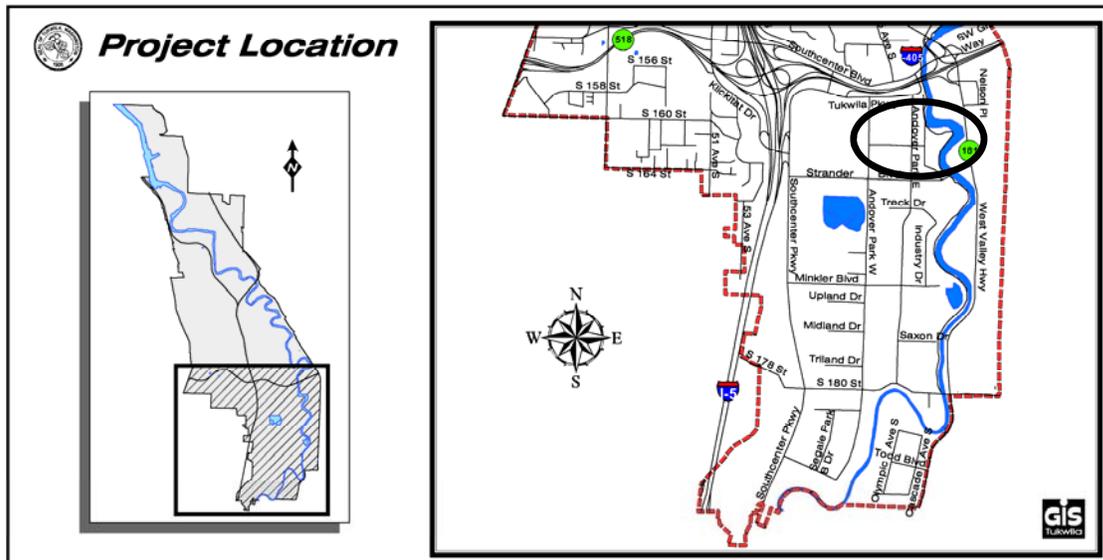
**JUSTIFICATION:** Improve non-motorized connections between the Tukwila Transit Center and Tukwila Station.

**STATUS:** New project for the 2017 - 2022 CIP.

**MAINT. IMPACT:** Minimal impact, project includes new sidewalk trail and pavement markings.

**COMMENT:** Project is a component of the TUC/TOD Pedestrian Improvements. Grant funding by the King County Dept of Natural Resources and Parks.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design			100							100
Land (R/W)										0
Const. Mgmt.			120							120
Construction			780							780
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
King County			1,000							1,000
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	0
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Interurban Ave S (S 143 St - Fort Dent Way) Project No. 90310402

**DESCRIPTION:** Design and construct sidewalks, pavement restoration, drainage, and lighting.

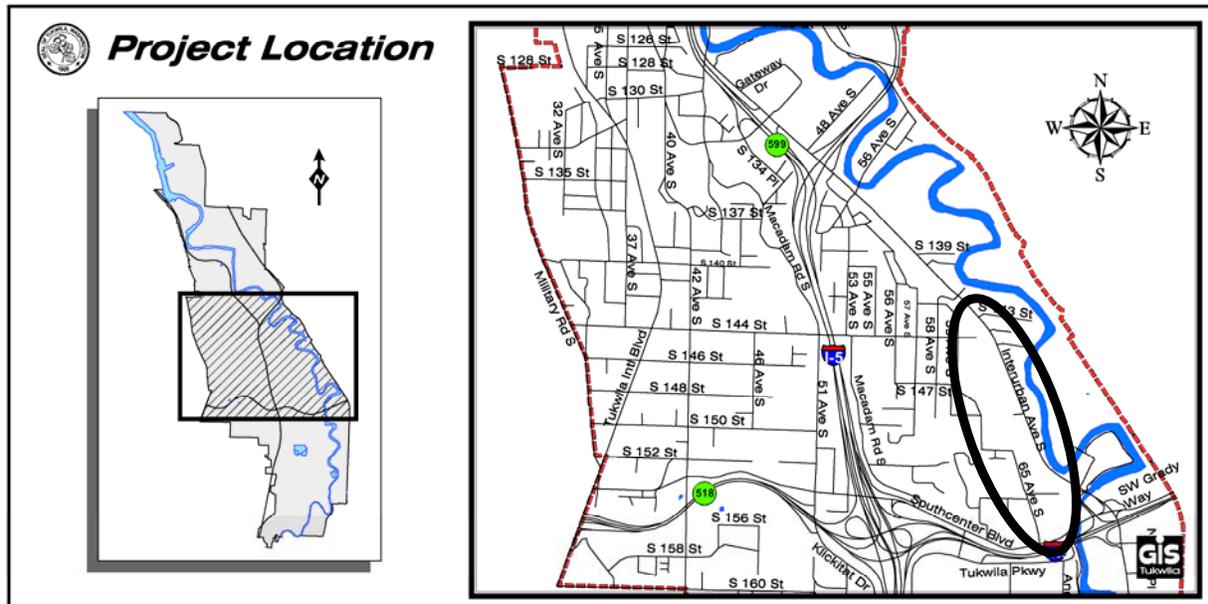
**JUSTIFICATION:** Pedestrian traffic is forced to walk in traveled way, lighting is substandard, drainage is poor and pavement failure is accelerating.

**STATUS:** Completed final design in 2013. Construction awarded on 5/5/14 and construction completed in 2016.

**MAINT. IMPACT:** Reduce annual pavement repairs and increase pedestrian safety.

**COMMENT:** Federal Hwy STP Grant of \$389,000 for design. State TIB grant of \$5m, Federal STP grant of \$2.145m, and developer mitigation of \$260,000. City Bond for \$3.465m in 2014/15.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	996									996
Land (R/W)	209									209
Const. Mgmt.	2,155	300								2,455
Construction	6,362	1,462	500							8,324
<b>TOTAL EXPENSES</b>	<b>9,722</b>	<b>1,762</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,984</b>
<b>FUND SOURCES</b>										
Awarded TIB Grant	3,142	996								4,138
Awarded STP Grant	2,512									2,512
Mitigation	149									149
Bond	3,558									3,558
City Oper. Revenue	361	766	500	0	0	0	0	0	0	1,627
<b>TOTAL SOURCES</b>	<b>9,722</b>	<b>1,762</b>	<b>500</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>11,984</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Annual Overlay and Repair Program

Project No. 9xx10401

**DESCRIPTION:** Select, design and construct asphalt and concrete pavement overlays of arterial and residential streets.

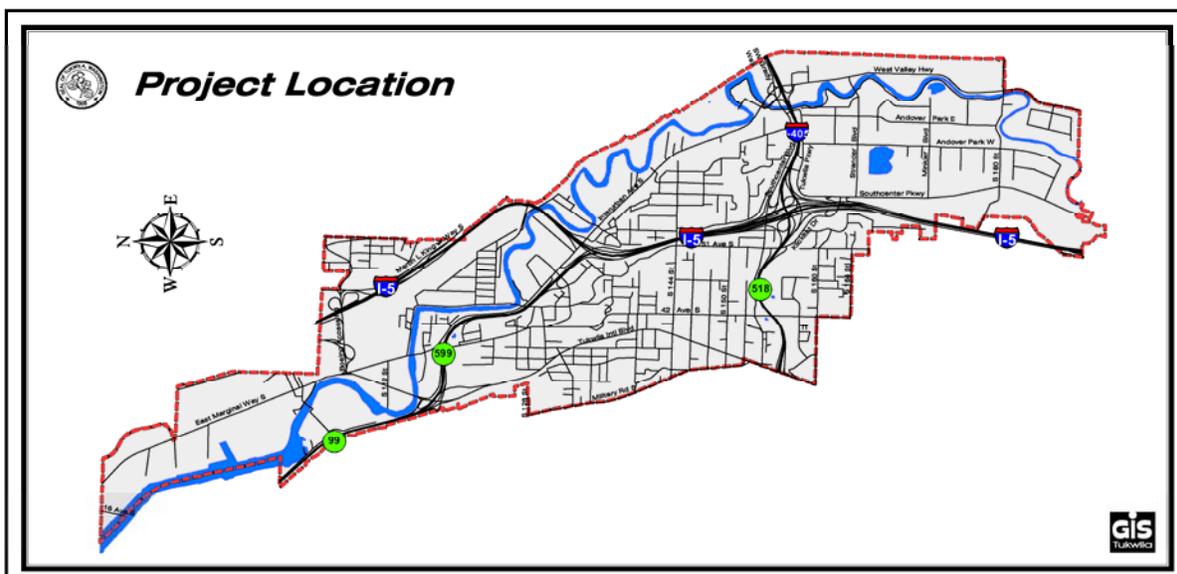
**JUSTIFICATION:** Preserve and maintain the street structure in a safe and useable state by resurfacing before failure which also minimizes costs. Some individual sites may be coordinated with water, sewer, and surface water projects.

**STATUS:** Each year various sections of roadway throughout the City are designed and constructed for asphalt overlay.

**MAINT. IMPACT:** Reduces annual maintenance.

**COMMENT:** Ongoing project. Only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	123	135	150	150	175	175	200	200	200	1,508
Land (R/W)										0
Const. Mgmt.	276	175	200	200	225	225	250	250	275	2,076
Construction	1,289	1,260	1,050	1,050	1,330	1,340	1,350	1,350	1,375	11,394
<b>TOTAL EXPENSES</b>	<b>1,688</b>	<b>1,570</b>	<b>1,400</b>	<b>1,400</b>	<b>1,730</b>	<b>1,740</b>	<b>1,800</b>	<b>1,800</b>	<b>1,850</b>	<b>14,978</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	1,688	1,570	1,400	1,400	1,730	1,740	1,800	1,800	1,850	14,978
<b>TOTAL SOURCES</b>	<b>1,688</b>	<b>1,570</b>	<b>1,400</b>	<b>1,400</b>	<b>1,730</b>	<b>1,740</b>	<b>1,800</b>	<b>1,800</b>	<b>1,850</b>	<b>14,978</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Annual Bridge Inspections and Repairs Project No. 9XX10402

**DESCRIPTION:** Ongoing program of bi-annual inspections, repairs, painting and rehabilitation of the 22 City bridges.

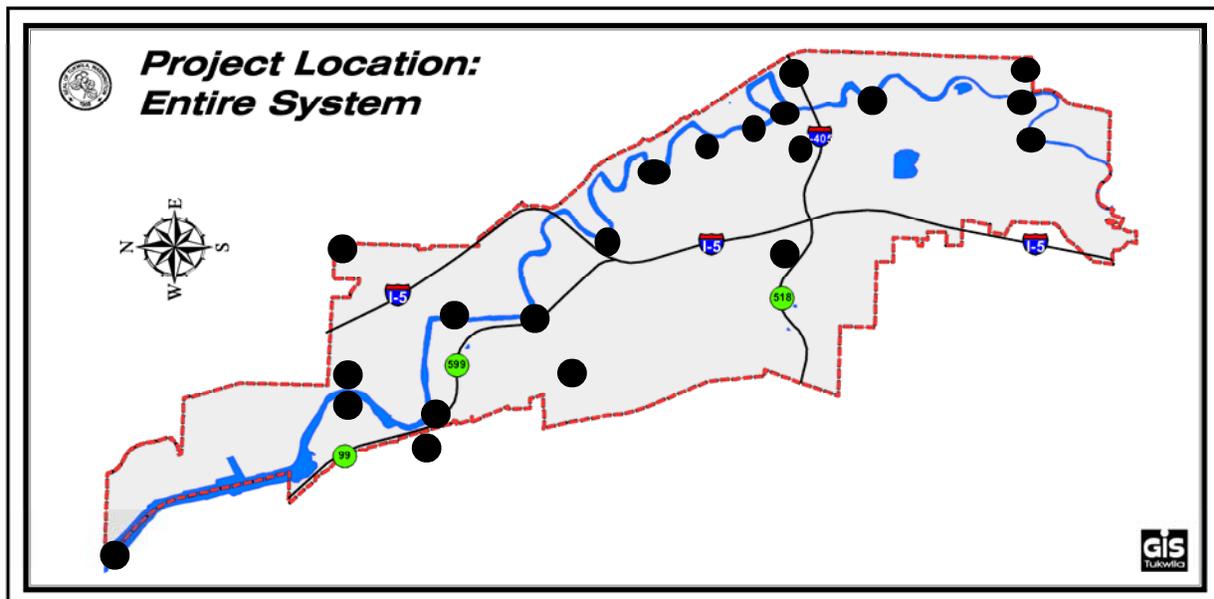
**JUSTIFICATION:** Federally required program identifies safety or repair needs in the early stages to minimize hazards and costs. The number of bridge inspections necessary each year can vary year to year. Inspection frequencies vary from bridge to bridge and King County has provided some inspection services.

**STATUS:** Construction projects will be determined from inspection reports and noted deficiencies/problems.

**MAINT. IMPACT:** Reduces maintenance costs.

**COMMENT:** Ongoing project, only one year actuals are shown in the first column.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	79	40	40	45	45	45	55	55	55	459
Land (R/W)										0
Const. Mgmt.		30	30	40	40	40	50	50	50	330
Construction	118	200	200	250	250	250	300	300	300	2,168
<b>TOTAL EXPENSES</b>	<b>197</b>	<b>270</b>	<b>270</b>	<b>335</b>	<b>335</b>	<b>335</b>	<b>405</b>	<b>405</b>	<b>405</b>	<b>2,957</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	197	270	270	335	335	335	405	405	405	2,957
<b>TOTAL SOURCES</b>	<b>197</b>	<b>270</b>	<b>270</b>	<b>335</b>	<b>335</b>	<b>335</b>	<b>405</b>	<b>405</b>	<b>405</b>	<b>2,957</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Americans with Disabilities Act (ADA) Improvements** Project No. 91210405

**DESCRIPTION:** Construct ADA compliant upgrades to City infrastructure in conjunction with a City developed plan.

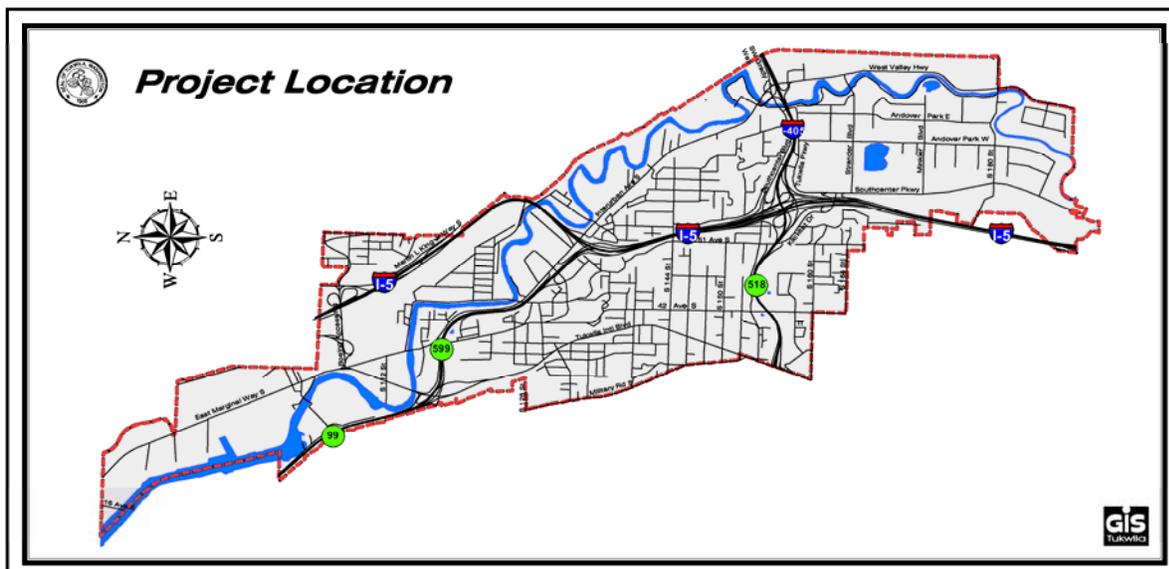
**JUSTIFICATION:** The enforcement of ADA laws and standards was delayed pending legal challenges and studies. Recent court rulings now mandate ADA compliance. The City must provide upgrades with most construction projects.

**STATUS:** Provide annual funding to construct improvements as necessary. Adopt a citywide plan in 2016 with the goal to resolve ADA compliance issues within the next 20 years.

**MAINT. IMPACT:** Negligible.

**COMMENT:** Project will be ongoing until City facilities and infrastructure meet ADA requirements.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	116	28	25	25	25	25	25	25	25	319
Land (R/W)										0
Const. Mgmt.	25	8	25	25	25	25	25	25	550	733
Construction	87	50	150	150	150	150	150	150	4,000	5,037
<b>TOTAL EXPENSES</b>	<b>228</b>	<b>86</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>4,575</b>	<b>6,089</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	228	86	200	200	200	200	200	200	4,575	6,089
<b>TOTAL SOURCES</b>	<b>228</b>	<b>86</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>200</b>	<b>4,575</b>	<b>6,089</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Annual Traffic Signal Program

Project No. 8xx10404

**DESCRIPTION:** Design and construct traffic signal upgrades and repairs of signals that exceed routine maintenance work; loop replacement, head replacement, and controllers. Replace direct bury cable for existing lighting system.

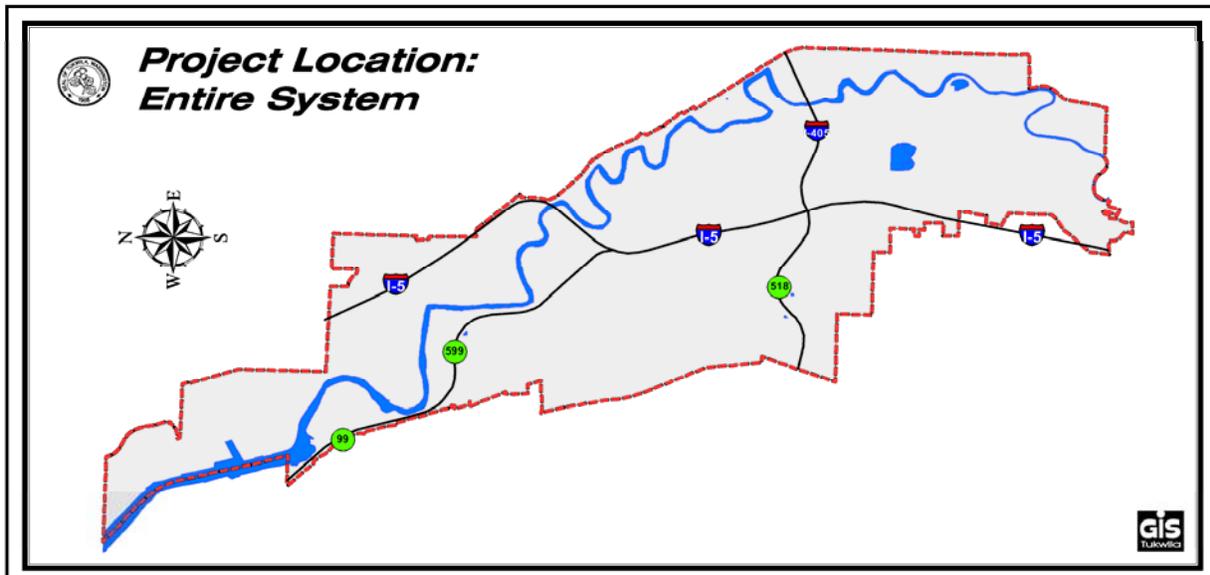
**JUSTIFICATION:** City is adding traffic signals to inventory every year. New traffic control center will warrant an additional staff person to be fully operational.

**STATUS:** LEDs are on a 4 to 5 year replacement cycle. Work includes adding additional signal heads, luminaires, loop repairs, and controller upgrades including signal timing and coordination plans.

**MAINT. IMPACT:** Reduces maintenance costs. Preventative maintenance on every traffic signal is required to be completed quarterly.

**COMMENT:** Ongoing project, only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
EXPENSES										
Design		35	35	40	40	45	45	50	50	340
Land (R/W)										0
Const. Mgmt.										0
Equipment	1	80	80	80	80	80	80	80	80	641
<b>TOTAL EXPENSES</b>	<b>1</b>	<b>115</b>	<b>115</b>	<b>120</b>	<b>120</b>	<b>125</b>	<b>125</b>	<b>130</b>	<b>130</b>	<b>981</b>
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	1	115	115	120	120	125	125	130	130	981
<b>TOTAL SOURCES</b>	<b>1</b>	<b>115</b>	<b>115</b>	<b>120</b>	<b>120</b>	<b>125</b>	<b>125</b>	<b>130</b>	<b>130</b>	<b>981</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** S 144th St Bridge - Sidewalks

Project No. 90310404

**DESCRIPTION:** Widen existing sidewalks on bridge over I-5 between 51st Ave S and 53rd Ave S.

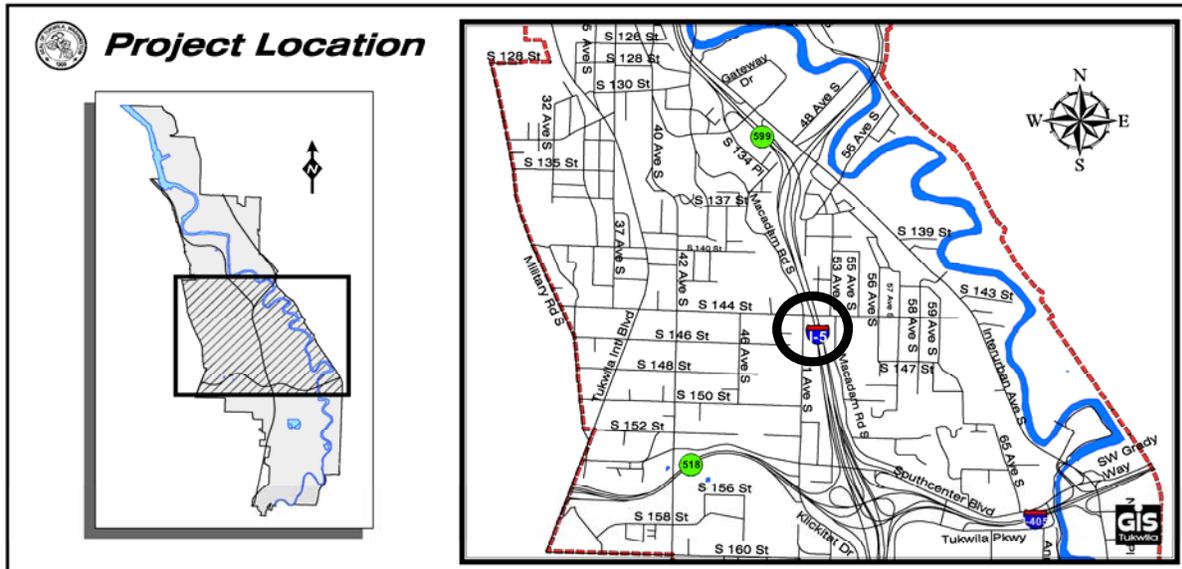
**JUSTIFICATION:** Improve pedestrian safety particularly for school route.

**STATUS:** Design report needed to determine feasibility.

**MAINT. IMPACT:** Minimal for additional sidewalk width.

**COMMENT:** Coordination with WSDOT and Sound Transit required. Proposed grants include Safe Routes to School and State Transportation Improvement Board.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design		29	200								229
Land (R/W)											0
Const. Mgmt.				160							160
Construction				1,050							1,050
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>29</b>	<b>200</b>	<b>1,210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,439</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant			173	1,047							1,220
Mitigation Actual											0
Traffic Impact Fees											0
City Oper. Revenue	0	29	27	163	0	0	0	0	0	0	219
<b>TOTAL SOURCES</b>	<b>0</b>	<b>29</b>	<b>200</b>	<b>1,210</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,439</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** S 140th St Intersection Improvements

Project No. 91610405

**DESCRIPTION:** Design and construct a new traffic signal at the S 140th St/Tukwila International Blvd intersection.

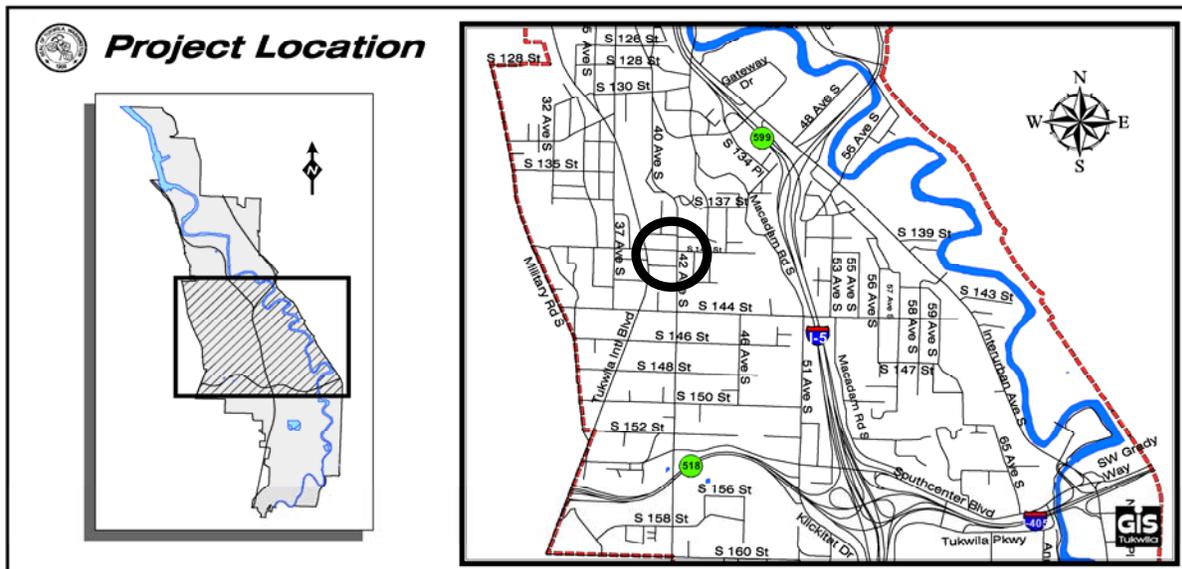
**JUSTIFICATION:** Pedestrian crossing volumes across Tukwila Int'l Blvd warrant a signalized crossing. A full traffic signal will also increase safety and improve vehicle turning opportunities.

**STATUS:** New project for the 2017 - 2022 CIP.

**MAINT. IMPACT:** Maintain a new traffic signal.

**COMMENT:** Presented to 3/21/16 Transportation Committee. Proposed grants include Federal Pedestrian/Bicycle Program.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design			75							75
Land (R/W)				50						50
Const. Mgmt.				80						80
Construction				545						545
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>675</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant			67	608						675
Mitigation Actual										0
Traffic Impact Fees										0
City Oper. Revenue	0	0	8	67	0	0	0	0	0	75
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>75</b>	<b>675</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>750</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** BNSF Intermodal Facility Access

Project No. 99510409

**DESCRIPTION:** Identify alternative means for ingress/egress for the BNSF Intermodal Facility located in the Allentown neighborhood. Also analyze the impacts the Facility has to the community.

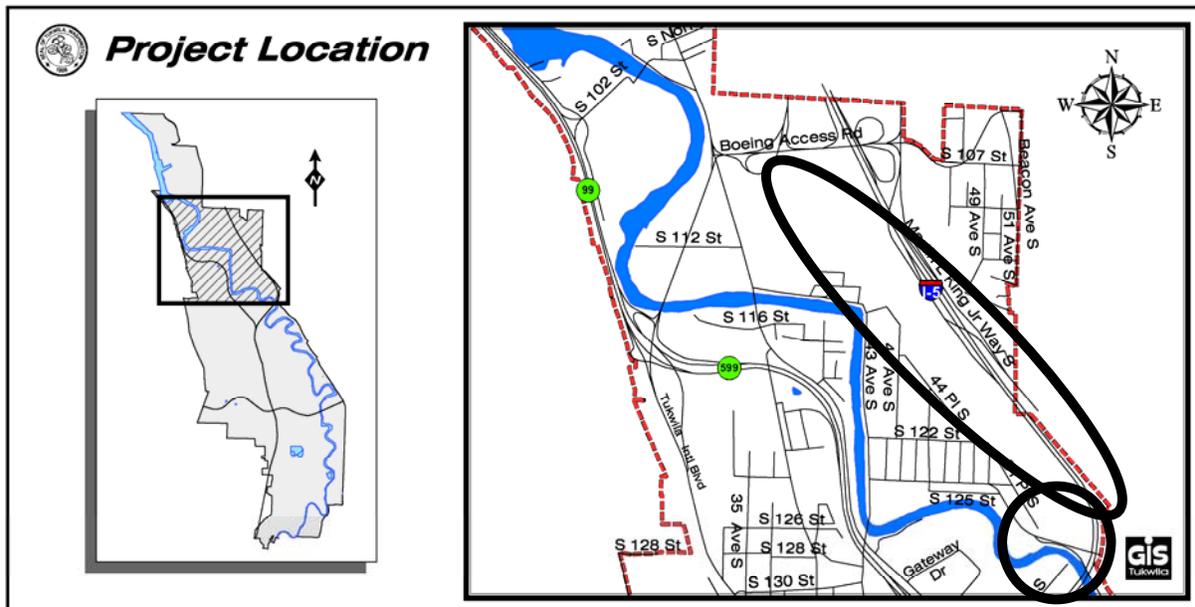
**JUSTIFICATION:** Reduce truck traffic and other environmental effects experienced by adjacent residential community. Also identified as a 2013 City Priority relating to an improved environment for community livability.

**STATUS:** City Council approved study which identifies impacts, provides data driven information, and outlines potential options for mitigation leading to a reduction in the effects of intermodal operations onto the community. Council also expressed support to work with BNSF on cost estimates for alternative ingress/egress.

**MAINT. IMPACT:** To be identified.

**COMMENT:** Allentown residents have expressed ongoing concerns regarding the effects of intermodal operations for several years. Staff continues to work with the City's federal delegation to address the federal preemptive authority of railroads and local land use authority.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	309	204	60							573
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>309</b>	<b>204</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>573</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual BNSF	79									79
Mitigation Expected		71								71
City Oper. Revenue	230	133	60	0	0	0	0	0	0	423
<b>TOTAL SOURCES</b>	<b>309</b>	<b>204</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>573</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Wetland & Environmental Mitigation** Project No. 11301302

**DESCRIPTION:** Provide annual maintenance of wetland, stream, or other environmental mitigation commitments until accepted by the permitting agency.

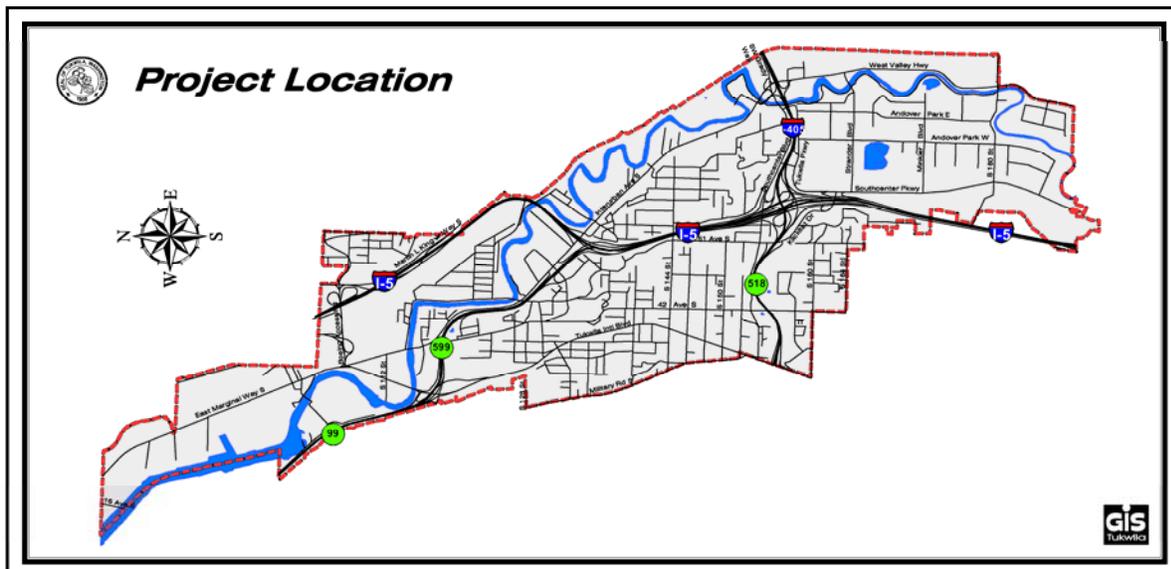
**JUSTIFICATION:** Some capital improvement projects have been approved contingent upon environmental mitigation requirements. Examples include: wetlands and streams.

**STATUS:** Annual work is required to prepare mitigation reports and provide the necessary mitigation maintenance that in-house staff is unable to do in addition to their normal workload.

**MAINT. IMPACT:** Significant annual weeding, plant replacement, and preparation of monitoring reports is required.

**COMMENT:** S 180th St Grade Separation wetland mitigation completed. Southcenter Pkwy Extension wetland and stream mitigation started in 2013. TUC Ped/Bridge & 42nd Ave S mitigation to start in 2018.

FINANCIAL (in \$000's)	Through Estimated										
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design											0
Land (R/W)											0
Const. Mgmt.											0
Repairs & Maintenance	29	20	30	40	40	40	40	30	40	309	
<b>TOTAL EXPENSES</b>	<b>29</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>30</b>	<b>40</b>	<b>309</b>	
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Proposed Mitigation											0
City Oper. Revenue	29	20	30	40	40	40	40	30	40	309	
<b>TOTAL SOURCES</b>	<b>29</b>	<b>20</b>	<b>30</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>30</b>	<b>40</b>	<b>309</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** TUC/TOD Pedestrian Improvements

Project No. 90710405

**DESCRIPTION:** Construct bike/pedestrian connection in phases between the Tukwila Urban Center (TUC) Transit Center and Tukwila Station in the Southcenter area's Transit Oriented Development (TOD) district.

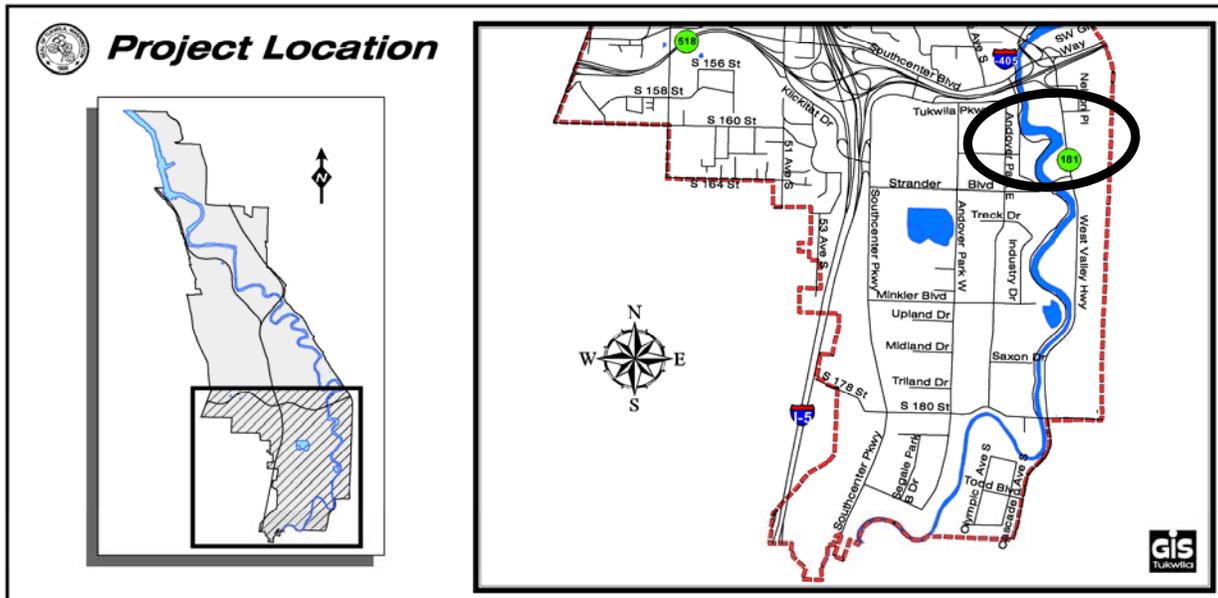
**JUSTIFICATION:** Connecting the TUC to the Tukwila Longacres Station is needed to increase pedestrian mobility, improve access, and support more urban levels of development within walking distance of Tukwila Station. The connection involves a pedestrian path extending from Baker Blvd via the planned TUC Pedestrian Bridge and a pedestrian tunnel under the UPRR track embankment. Additional phases will extend the corridor to the mall.

**STATUS:** See Tukwila Urban Center - Pedestrian/Bicycle Bridge, West Valley Hwy Non-Motorized and Baker Blvd Non-Motorized CIP pages. Funding shown in beyond is for construction of the UPRR underpass (in 2016 \$).

**MAINT. IMPACT:**

**COMMENT:** Mitigation listed is \$20k from Sound Transit for pedestrian underpass of the UPRR tracks.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design			20							660	680
Land (R/W)										0	0
Const. Mgmt.										440	440
Construction										3,150	3,150
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,250</b>	<b>4,270</b>
<b>FUND SOURCES</b>											
Proposed Grant										3,400	3,400
ST Mitigation			20								20
KCDNR Trail Levy 1											0
Traffic Impact Fees											0
City Oper. Revenue	0	0	0	0	0	0	0	0	0	850	850
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>4,250</b>	<b>4,270</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** West Valley Hwy (I-405 - Strander Blvd)

Project No. 99310410

**DESCRIPTION:** Design and construct completion of 7 lane sections of West Valley Hwy with curbs, gutters, storm drainage, lighting and traffic control, including safety and capacity improvements at the S 156th St intersection.

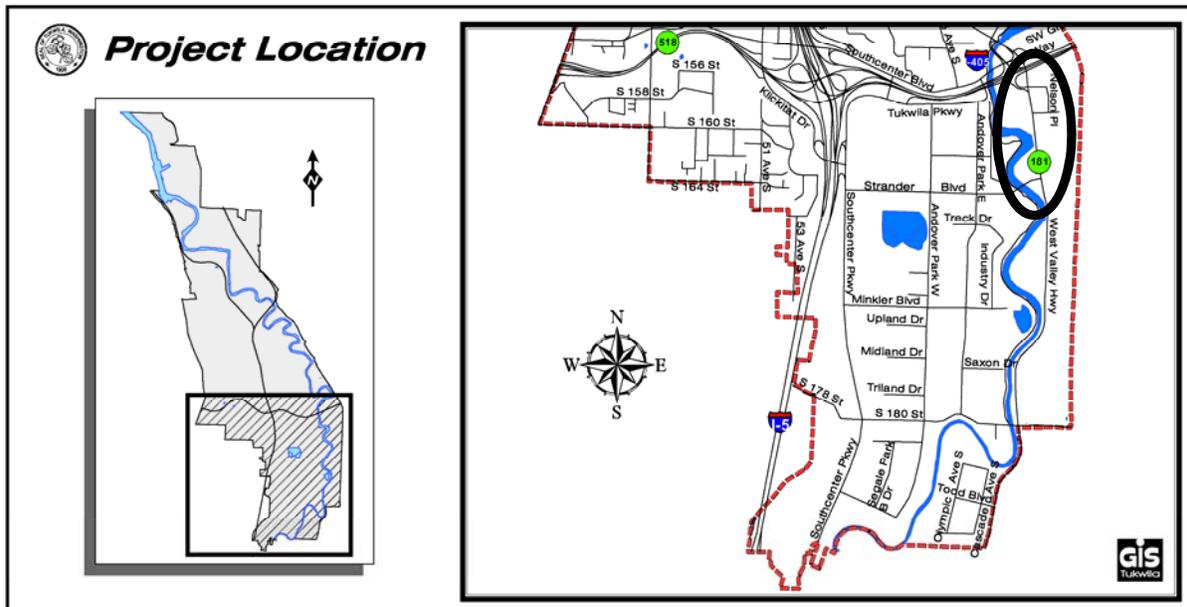
**JUSTIFICATION:** Safety and capacity items need completion. Portions have been completed by development.

**STATUS:** Combined with W Valley Hwy/S 156th Intersection in 2017. Continuing to work with development. May be completed in phases; Longacres to S 156th St and then S 156th St to I-405.

**MAINT. IMPACT:** Reduced maintenance.

**COMMENT:** Project is on Traffic Impact Fee List. Grants from Federal STP awarded for \$627k that includes \$112k for design of sidewalk/bike path on Longacres Way (S 158th St) and proposed State Transportation Improvement Board grant of \$1.3m for 2018/2019.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	16			382					150	548
Land (R/W)				100					100	200
Const. Mgmt.					270				150	420
Construction					1,800				1,000	2,800
<b>TOTAL EXPENSES</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>482</b>	<b>2,070</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>	<b>3,968</b>
<b>FUND SOURCES</b>										
Awarded STP Grant				189	438					627
Proposed TIB Grant				155	1,189				1,200	2,544
Mitigation Actual										0
Traffic Impact Fees				128	122					250
City Oper. Revenue	16	0	0	10	321	0	0	0	200	547
<b>TOTAL SOURCES</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>482</b>	<b>2,070</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,400</b>	<b>3,968</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Andover Park E/Minkler Blvd Intersection \*** Project No. 90310405 Zone 1

**DESCRIPTION:** Design and construct left turn lanes on Andover Park East and reconstruct traffic signal.

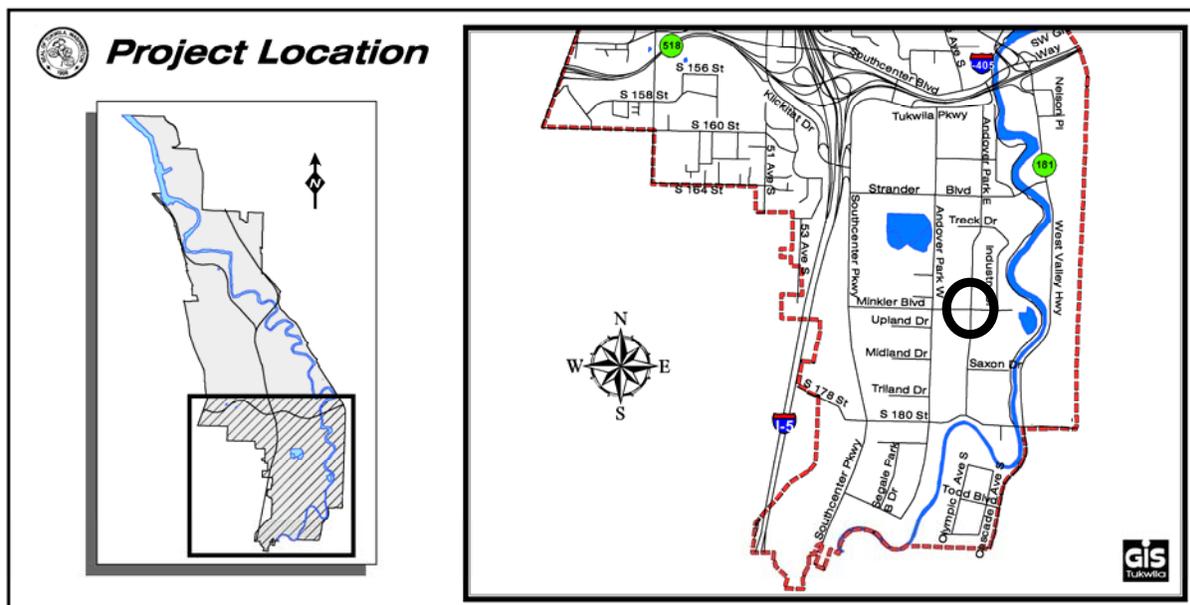
**JUSTIFICATION:** Improve safety and provide needed capacity.

**STATUS:** Design Report will identify costs.

**MAINT. IMPACT:** Annual signal re-lamping and routine operations.

**COMMENT:** Project is on Traffic impact fee list. Mitigation of \$19,622.55 from Westfield Mall.

FINANCIAL (in \$000's)	Through Estimated										
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design	118	2				134				254	
Land (R/W)						10				10	
Const. Mgmt.							205			205	
Construction							1,365			1,365	
<b>TOTAL EXPENSES</b>	<b>118</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>1,570</b>	<b>0</b>	<b>0</b>	<b>1,834</b>	
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual	20									20	
Traffic Impact Fees						111	1,209			1,320	
City Oper. Revenue	98	2	0	0	0	33	361	0	0	494	
<b>TOTAL SOURCES</b>	<b>118</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>144</b>	<b>1,570</b>	<b>0</b>	<b>0</b>	<b>1,834</b>	





City of Tukwila  
CAPITAL IMPROVEMENT PROGRAM

for  
2017 - 2022

**PARKS & RECREATION  
301 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
<b><u>Parks and Trails</u></b>										
30	Lake to Sound Trail	75	0	0	0	0	0	75	0	0
31	Park Acquisition	378	0	62	62	0	0	502	124	0
32	Multipurpose Trails	115	62	0	0	0	0	177	177	150
33	Park Improvements	330	330	295	220	220	220	1,615	70	220
34	Fort Dent Park	125	125	125	125	125	125	750	0	0
35	Municipal Arts Fund	50	0	0	0	0	0	50	306	0
36	Duwamish Hill Preserve *	26	24	18	30	30	10	138	78	7,997
37	Dog Park Projects	40	40	0	0	0	0	80	0	0
38	Parks, Recreation & Open Space Plan	0	0	125	0	0	0	125	0	0
39	Tukwila Pond Trail & Boardwalk *	0	0	0	0	0	0	0	0	3,664
40	Tukwila South Trail	0	0	1,000	0	0	0	1,000	1,000	0
41	Hand Boat Launches	0	0	0	0	0	0	0	0	1,801
42	Macadam Winter Garden & Wetland	0	0	0	0	0	0	0	0	1,000
43	Open Space Improvements	0	0	0	0	0	0	0	0	1,125
<b>Grand Total</b>		<b>1,139</b>	<b>581</b>	<b>1,625</b>	<b>437</b>	<b>375</b>	<b>355</b>	<b>4,512</b>	<b>1,755</b>	<b>15,957</b>

\* Park Impact Fee List Projects (fees must be used within 10 years).

\*\* Denotes other funding sources, grants, or mitigation.

Park Impact Fees were effective January 1, 2009, per Ordinance 2366

Project sheets scheduled beyond 2022  
can be found in the City's website under  
Public Works Capital Improvement Program.

Changes from 2015 to 2017 CIP:

New:

- 31 Park Acquisition
- 33 Park Improvements
- 35 Municipal Arts Fund
- 36 Dog Park Projects
- 43 Changed Open Space 5800 S 152nd St to Open Space Improvements

Deleted:

- WRIA 9 Watershed Planning, moved to 412 Surface Water
- Duwamish Gardens, completed in 2016. See Chinook Wind in 412 Surface Water
- Salmon Habitat Restoration, folded into Green the Green in 412 Surface Water
- Black River Trail Connector, informal trail now exists and is part of Lake to Sound Trail.
- Ryan Hill Park, will be reevaluated with PROS Plan, see new Park Acquisition page 33
- Nelson Salmon Habitat Side Channel, moved to 412 Surface Water

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Lake to Sound Trail

Project No. 91130101

**DESCRIPTION:** Segment A of the regional Lake to Sound Trail that connects Lake Washington to Puget Sound. This project features trail construction and improvements between Fort Dent Park and Monster Rd in Renton. Future trail planned along Southcenter Blvd.

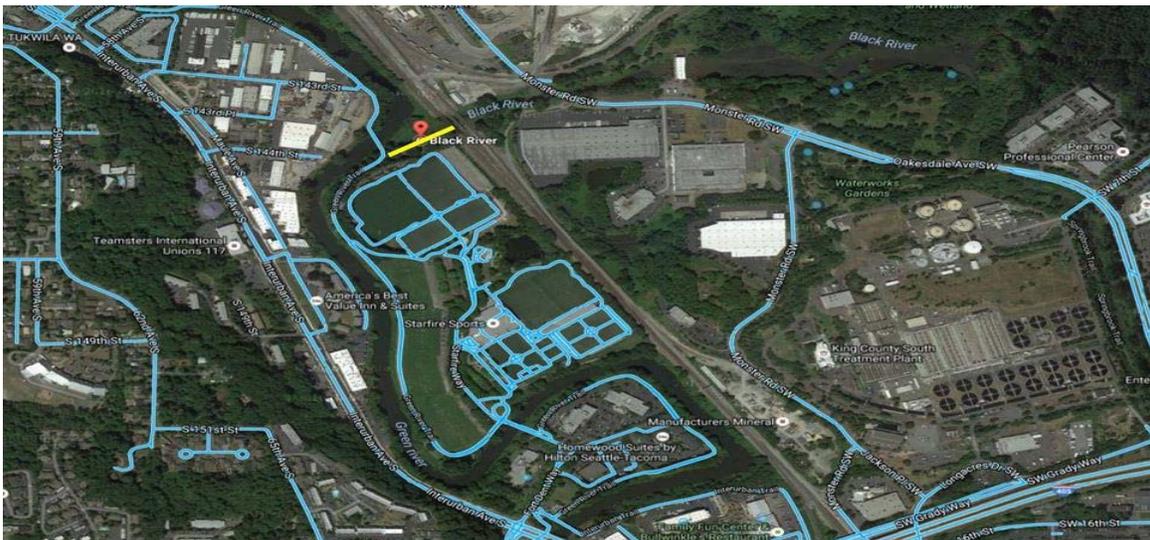
**JUSTIFICATION:** Meets PROS plan goal of a connected system. King County is paying for the design, construction management, and construction. City is paying for permit fees and tree relocation, as needed.

**STATUS:** King County has finished design and has submitted construction permits in 2016.

**MAINT. IMPACT:** To be determined.

**COMMENT:** 1% Municipal Arts fund for City funded construction costs to be included.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Permits		11	50							61
Land (R/W)										0
Const. Mgmt.										0
Construction			25							25
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>11</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	0	11	75	0	0	0	0	0	0	86
<b>TOTAL SOURCES</b>	<b>0</b>	<b>11</b>	<b>75</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>86</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Park Acquisition

Project No. 90930102

**DESCRIPTION:** Acquisition of land to preserve open space or park land for future generations.

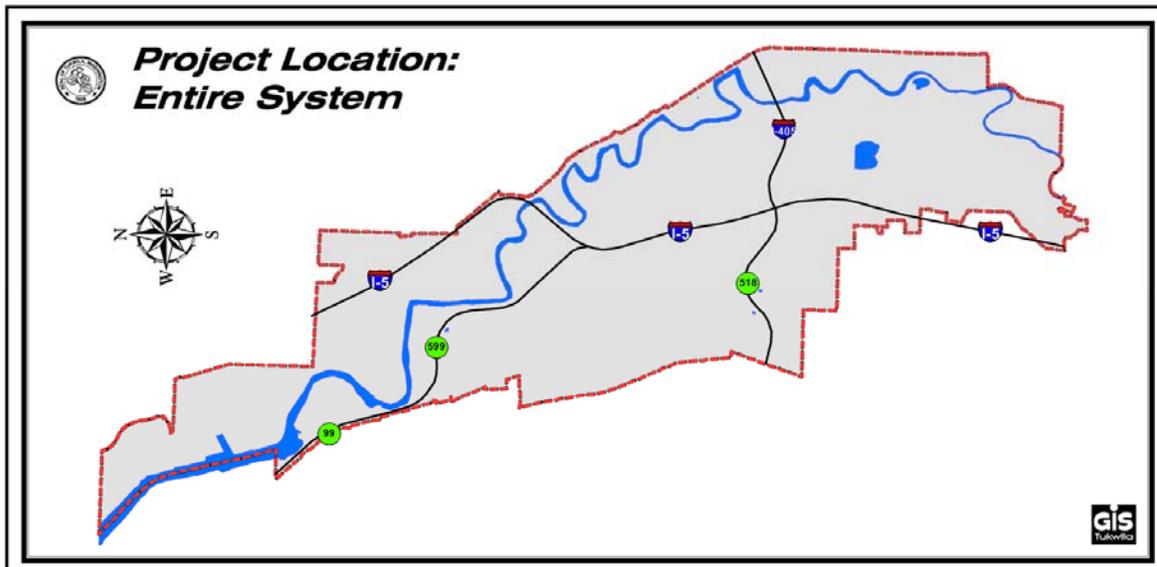
**JUSTIFICATION:** Provides for increased access to play spaces and helps to preserve green spaces for future generations.

**STATUS:** Allows implementation of PROS Plan. Received \$152k from the 2008-13 KC Levy funds; and the next cycle 2014-2019 of levy funds will be received through 2020.

**MAINT. IMPACT:** To be determined

**COMMENT:** If the next KC Levy funds renew in 2020-2025, the acquisition program will continue.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design										-	
Land (R/W)		330	378		62	62				832	
Const. Mgmt.										0	
Construction										0	
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>330</b>	<b>378</b>	<b>0</b>	<b>62</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832</b>	
<b>FUND SOURCES</b>											
Awarded Grant										0	
KC Parks Levy		152			62	62				276	
Mitigation Actual										0	
Mitigation Expected										0	
REET 1 Funds	0	178	378	0	0	0	0	0	0	556	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>330</b>	<b>378</b>	<b>0</b>	<b>62</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>832</b>	



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Multipurpose Trails

Project No. 99930104

**DESCRIPTION:** Wide array of necessary trail improvements to the existing trail system infrastructure.

**JUSTIFICATION:** Goal of the City in the PROS Plan is to provide parks and facilities that are safe and well maintained.

**STATUS:** Preliminary work scheduled to begin in 2017. King County Levy funds will be used for these improvements.

**MAINT. IMPACT:** To be determined.

**COMMENT:** Beyond includes geo-tech design and improvements.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	22		15						10	47
Land (R/W)										0
Const. Mgmt.										0
Construction			100	62					140	302
<b>TOTAL EXPENSES</b>	<b>22</b>	<b>0</b>	<b>115</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>349</b>
<b>FUND SOURCES</b>										
Awarded Grant	12									12
Proposed Grant										0
King County Levy	5		115	62						182
Mitigation Expected										0
REET 1 Funds	5	0	0	0	0	0	0	0	150	155
<b>TOTAL SOURCES</b>	<b>22</b>	<b>0</b>	<b>115</b>	<b>62</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>150</b>	<b>349</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Park Improvements

Project No. 91630103

**DESCRIPTION:** Park improvements at City parks throughout the system. May include play equipment replacement, shelters, park security cameras, and neighborhood play areas.

**JUSTIFICATION:** Replacement and improvement of amenities in various parks throughout the City.

**STATUS:** New project for 2017 - 2022 CIP. Program is scheduled to begin in 2017.

**MAINT. IMPACT:** To be determined.

**COMMENT:** 1% Municipal Arts Fund for City funded construction costs to be included.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design			30	30	25	20	20	20	20	165
Land (R/W)										0
Const. Mgmt.										0
Construction			300	300	270	200	200	200	200	1670
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>330</b>	<b>330</b>	<b>295</b>	<b>220</b>	<b>220</b>	<b>220</b>	<b>220</b>	<b>1,835</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
KC Parks Levy				70						70
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	0	0	330	260	295	220	220	220	220	1,765
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>330</b>	<b>330</b>	<b>295</b>	<b>220</b>	<b>220</b>	<b>220</b>	<b>220</b>	<b>1,835</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Fort Dent Park

Project Nos. 90330107

**DESCRIPTION:** 52-acre regional park requires ongoing capital and maintenance improvements. King County transferred Fort Dent Park to the City in 2003. Concessionaire agreement with Starfire Sports to operate the complex.

**JUSTIFICATION:** City is responsible for maintenance of the picnic area, parking lot, trail, pond, and all major park repairs and infrastructure.

**STATUS:** Funding of approximately \$125K per year through 2022 is for a phased approach to parking lot repairs in conjunction with the City's Annual Overlay and Repair Program, curbs and drainage.

**MAINT. IMPACT:** Approximately 1,750 staff hours per year.

**COMMENT:** 1% Municipal Arts Fund for City funded construction costs to be included.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	343	10	10	10	10	10	10	10		413
Land (R/W)										0
Const. Mgmt.		15	15	15	15	15	15	15		105
Construction	1,477	100	100	100	100	100	100	100		2,177
<b>TOTAL EXPENSES</b>	<b>1,820</b>	<b>125</b>	<b>0</b>	<b>2,695</b>						
<b>FUND SOURCES</b>										
Awarded Grant	694									694
Parking Taxes	50									50
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	1,076	125	125	125	125	125	125	125	0	1,951
<b>TOTAL SOURCES</b>	<b>1,820</b>	<b>125</b>	<b>0</b>	<b>2,695</b>						



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Municipal Arts Fund** Project No. 91630105

**DESCRIPTION:** The Municipal Arts Fund captures 1% of qualifying Capital Improvement Project funds not otherwise integrated into Capital Projects.

**JUSTIFICATION:** Tukwila Municipal Code 2.30.050

**STATUS:** TMC 2.30.050 further defined the Municipal Arts Fund, a Public Arts Plan will be established in 2017.

**MAINT. IMPACT:** To be determined.

**COMMENT:** The Arts Commission is developing a Request for Proposals for a Public Arts Plan with funding in 2016/2017.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
EXPENSES										
Permits		20	50							70
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>20</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Municipal Arts Fund Transfer		70	184	122						376
Mitigation Expected										0
Municipal Arts Fund	0	(50)	(134)	(122)	0	0	0	0	0	(306)
<b>TOTAL SOURCES</b>	<b>0</b>	<b>20</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>70</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Duwamish Hill Preserve Project No. 90330109

**DESCRIPTION:** 10.36-acre parcel of open space allows for restoration of this site. Site is culturally and historically significant. Partnership with Forterra (formerly Cascade Land Conservancy) to preserve the site.

**JUSTIFICATION:** Meets the Parks and Open Space Plan providing cultural and historical value along the City's shoreline.

**STATUS:** Phase I development was completed in 2010. Phase II development to be completed in 2019, with future work to possibly include a shelter.

**MAINT. IMPACT:** Approximately 250 staff hours per year.

**COMMENT:** Phase II is on Park Impact Fee list for \$2.5M with an 80/20 split. Sound Transit mitigation of \$313K for use of the site. Grants of \$765K (\$50K KCD, \$500 HCPF, \$15 HCF, \$200K 4Culture) with REET funds as a match. 1% Municipal Arts fund for City funded construction costs to be included. Formerly known as Duwamish Riverbend Hill, Poverty Hill, and Grandmother's Hill.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	602	10	10	10	10	10	10	10	920	1,592
Land (R/W)	2,036								450	2,486
Const. Mgmt.	6								927	933
Construction	742	207	16	14	8	20	20		5,700	6,727
<b>TOTAL EXPENSES</b>	<b>3,386</b>	<b>217</b>	<b>26</b>	<b>24</b>	<b>18</b>	<b>30</b>	<b>30</b>	<b>10</b>	<b>7,997</b>	<b>11,738</b>
<b>FUND SOURCES</b>										
Awarded Grant	1,977	162	16	14	8					2,177
Proposed Grant						20	20		1,000	1,040
KC Parks Levy	599									599
Mitigation	313									313
Park Impact Fees	243									243
Park Impact Fees Expected									2,500	2,500
REET 1 Funds	254	55	10	10	10	10	10	10	4,497	4,866
<b>TOTAL SOURCES</b>	<b>3,386</b>	<b>217</b>	<b>26</b>	<b>24</b>	<b>18</b>	<b>30</b>	<b>30</b>	<b>10</b>	<b>7,997</b>	<b>11,738</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Dog Park Projects

Project No. 90930102

**DESCRIPTION:** Provide a dog park within Tukwila where resident can take their dogs off leash.

**JUSTIFICATION:** The public has expressed a need for a dog park or off-leash dog area. PROS Plan identifies expanding opportunities within our current parks to meet the need of the community. It also recommends identifying a preferred location of an off-leash dog park.

**STATUS:** During our 2015-16 "See You in the Park" events, Crestview and Duwamish neighbors expressed interest. Further outreach will be needed to identify site and develop recommended amenities.

**MAINT. IMPACT:** To be determined.

**COMMENT:** 1% Municipal Art fund for City funded construction costs to be included.

FINANCIAL (in \$000's)	Through Estimated									
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design			5	5						10
Land (R/W)										0
Const. Mgmt.										0
Construction			35	35						70
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
KC Parks Levy										0
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	0	0	40	40	0	0	0	0	0	80
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>40</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Parks, Recreation & Open Space Plan** Project No. 81330101

**DESCRIPTION:** Prepare a citywide Parks, Recreation and Open Space Plan.

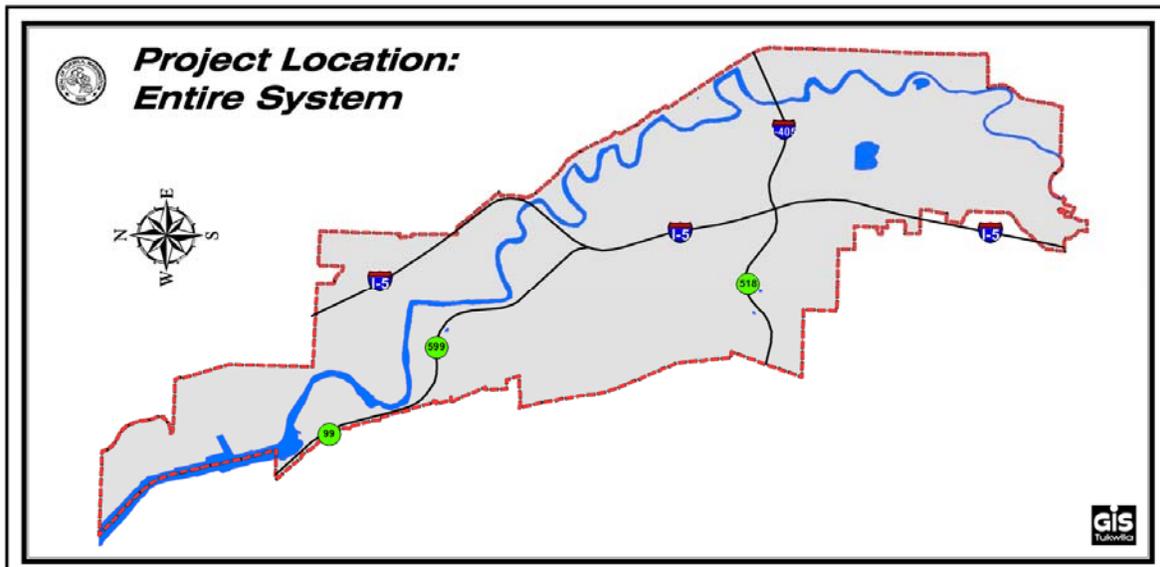
**JUSTIFICATION:** A current six-year Open Space Plan is required to be eligible to apply for any state and federal park grants, and also serves as a planning document for the Parks department.

**STATUS:** Most recent PROS Plan was adopted by City Council on 2/18/14. Next update in 2019 for 2020 adoption.

**MAINT. IMPACT:** None.

**COMMENT:** Planning tool to assist with the entire parks and recreation system.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	98					125				223
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>223</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	98	0	0	0	125	0	0	0	0	223
<b>TOTAL SOURCES</b>	<b>98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>125</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>223</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Tukwila Pond Trail & Boardwalk

Project No. 90330110 Phase I-III  
90930101 Phase IV

**DESCRIPTION:**

The Tukwila Pond Concept Plan identified development to extend viewing platforms, construct trail and boardwalk and other amenities.

**JUSTIFICATION:**

Provides improved access to open spaces, gathering places, and enhances the Tukwila Urban Center.

**STATUS:**

Phase I completed 2006. Phase II was completed in 2009 and included 50% design for park amenities and feasibility study and design for water quality improvements. Phase III includes design of park improvements and buffer enhancement along Andover Park West. Phase IV includes final design and construction of park amenities.

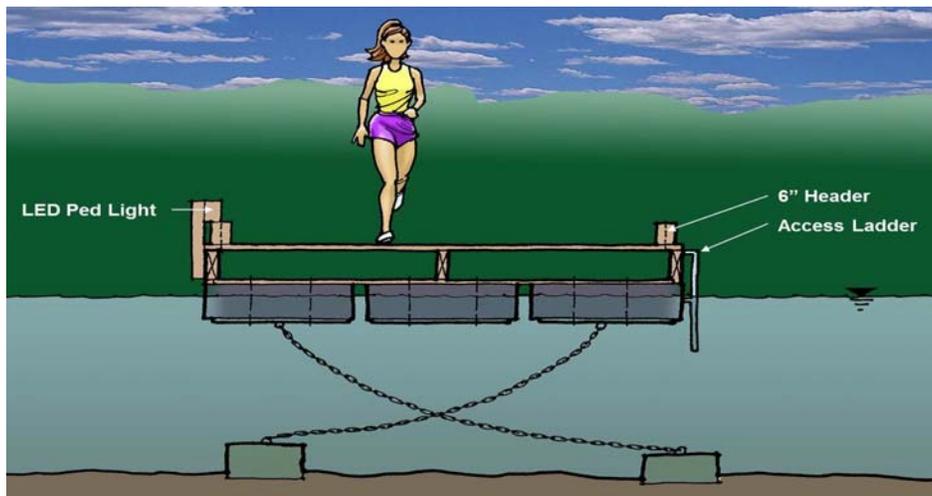
**MAINT. IMPACT:**

To be determined.

**COMMENT:**

Wetland mitigation of \$86,000 from WIG Properties and a 2008 King County grant for buffer enhancement. Phase IV is on Park Impact Fee list for \$3 million with an 80%/20% split. The goal is to start construction of the trail and boardwalk. 1% Municipal Arts Fund for City funded construction included.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	240								300	540
Land (R/W)										0
Const. Mgmt.										0
Construction									3,364	3,364
<b>TOTAL EXPENSES</b>	<b>240</b>	<b>0</b>	<b>3,664</b>	<b>3,904</b>						
<b>FUND SOURCES</b>										
Awarded Grant	8									8
Proposed Grant									1,150	1,150
Mitigation Actual	86									86
Park Impact Fees	18									18
Park Impact Fees Expected									2,400	2,400
REET 1 Funds	128	0	0	0	0	0	0	0	114	242
<b>TOTAL SOURCES</b>	<b>240</b>	<b>0</b>	<b>3,664</b>	<b>3,904</b>						



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Tukwila South Trail** Project No. 91130101

**DESCRIPTION:** Construct trails along the Green River in the Tukwila South area.

**JUSTIFICATION:** Trail provides a connected park and trail system and promotes healthy and active living for walking and biking. Improves trail access for those that will live, work, and play in the Tukwila South area.

**STATUS:** Easements to be received from developer. Developer should leave the easements near the final grade for the trail.

**MAINT. IMPACT:** To be determined.

**COMMENT:** Tukwila South development has contributed \$500K, but requires City matching funds and potential grant funding.

FINANCIAL (in \$000's)	Through Estimated										
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design					85					85	
Land (R/W)										0	
Const. Mgmt.					115					115	
Construction					800					800	
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	
<b>FUND SOURCES</b>											
Awarded Grant										0	
Proposed Grant					500					500	
Mitigation Actual										0	
Mitigation Expected					500					500	
REET 1 Funds	0	0	0	0	0	0	0	0	0	0	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Hand Boat Launches** Project No. 90830101

**DESCRIPTION:** Construction of boat launches to provide access to the Green/Duwamish River for non-motorized craft. Launches will be constructed at Codiga Park, Christianson Road, and Fort Dent Park.

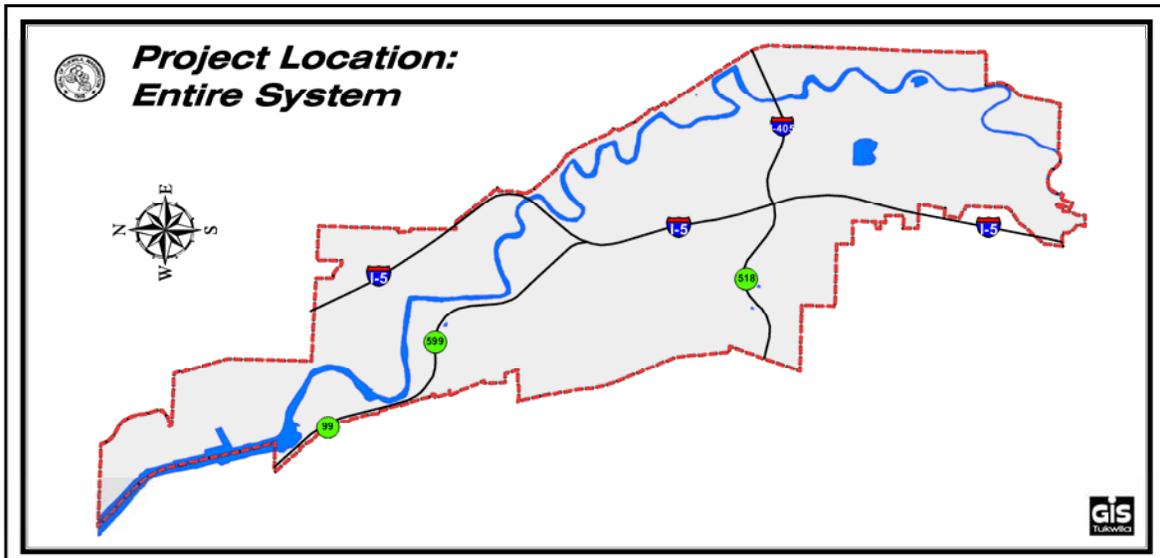
**JUSTIFICATION:** The Parks, Recreation and Open Space Plan and the Shoreline Master Plan promote and encourage additional public access to the Green River.

**STATUS:** Codiga Park is proposed to be the first hand boat launch constructed of these different proposed sites.

**MAINT. IMPACT:** To be determined.

**COMMENT:**

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design									213	213
Land (R/W)									500	500
Const. Mgmt.									185	185
Construction									903	903
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,801</b>	<b>1,801</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Donation										0
Park Impact Fees										0
City Oper. Revenue	0	0	0	0	0	0	0	0	1,801	1,801
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,801</b>	<b>1,801</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Macadam Winter Garden & Wetland** Project No. 90330108

**DESCRIPTION:** A small winter garden area on this 11 acre site with educational exhibits related to the wetland was completed in 2007. Entire site purchased with 1989 King County Open Space funds with habitat cleanup recommended.

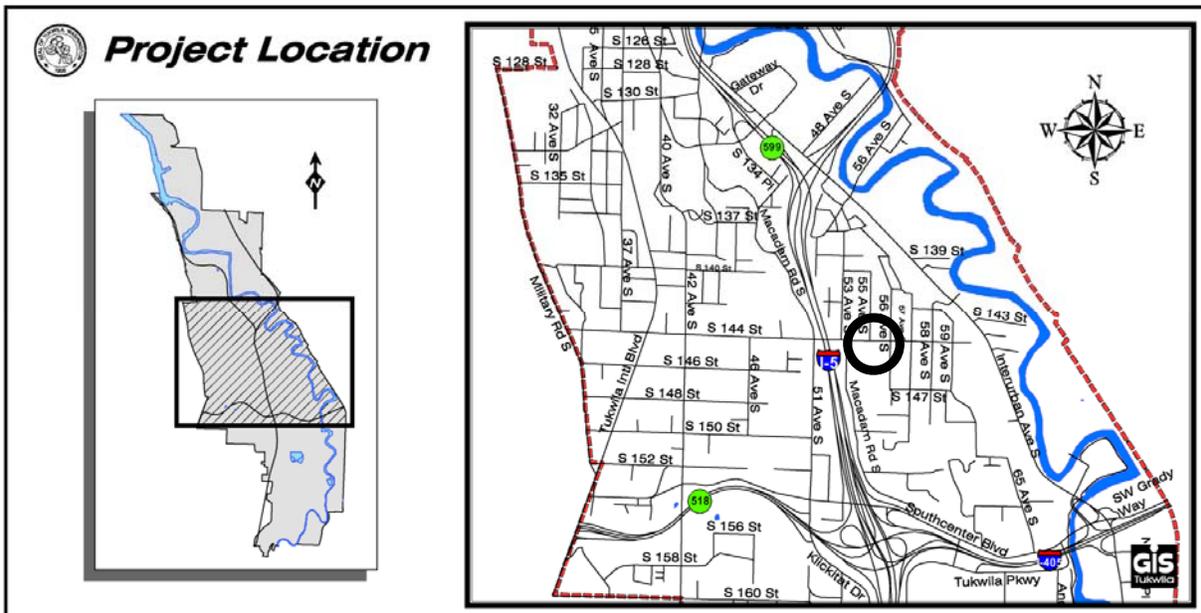
**JUSTIFICATION:** To utilize this preserved area to educate and provide a small garden area to improve the wetland area.

**STATUS:** The Winter Garden was constructed in 2007. Phase II in beyond will include a trailhead from the Winter Garden, a trail system, boardwalk, and kiosks.

**MAINT. IMPACT:** To be determined.

**COMMENT:** Received a \$15,000 grant from Starbucks and Home Street Bank contributed \$2,500 for signage. The remaining balance from Phase I came from extra REET funds collected in 2007.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	50								80	130
Land (R/W)										0
Const. Mgmt.									120	120
Construction	374								800	1,174
<b>TOTAL EXPENSES</b>	<b>424</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,424</b>
<b>FUND SOURCES</b>										
Awarded Grant	18									18
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
REET 1 Funds	406	0	0	0	0	0	0	0	1,000	1,406
<b>TOTAL SOURCES</b>	<b>424</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000</b>	<b>1,424</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Open Space Improvements

Project No. 90930102

**DESCRIPTION:** Development of new and future acquired properties to meet community needs.

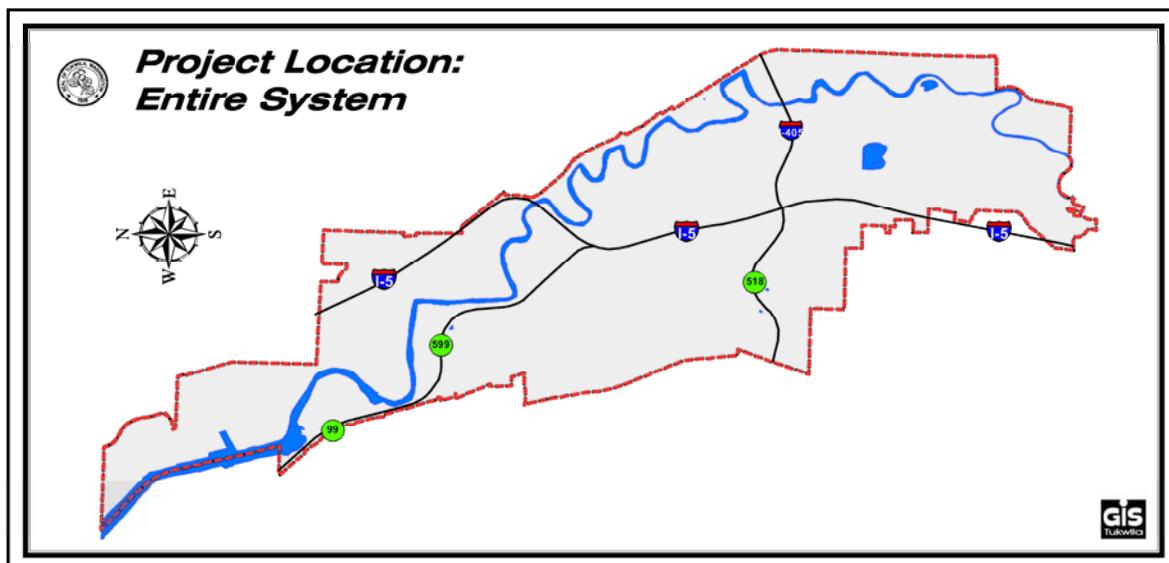
**JUSTIFICATION:** Open spaces serve different roles from preserving green space for future generations to providing active and passive recreational opportunities.

**STATUS:** Many sites exist within the current Tukwila Park System with potential for more sites in the future via the Park Acquisition plan and property donations.

**MAINT. IMPACT:** To be determined.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									TOTAL	
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design										90	90
Land (R/W)	150										150
Const. Mgmt.										135	135
Construction										900	900
<b>TOTAL EXPENSES</b>	<b>150</b>	<b>0</b>	<b>1,125</b>	<b>1,275</b>							
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
REET 1 Funds	150	0	0	0	0	0	0	0	0	1,125	1,275
<b>TOTAL SOURCES</b>	<b>150</b>	<b>0</b>	<b>1,125</b>	<b>1,275</b>							





City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**URBAN RENEWAL  
 302 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
46	Tukwila Village	35	11	0	0	0	0	46	5,544	0
47	TIB Redevelopment (Motels)	25	25	0	0	0	0	50	2,250	0
<b>Grand Total</b>		60	36	0	0	0	0	96	7,794	0

*\*\* Denotes other funding sources, grants, or mitigation.*

Changes from 2015 to 2017 CIP:

**Changed 302 Fund from Facilities to Urban Renewal**







City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**GENERAL IMPROVEMENTS**  
**303 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
51	Facility Improvements	150	150	300	300	300	300	1,500	0	300
<b>Grand Total</b>		150	150	300	300	300	300	1,500	0	300

*\*\* Denotes other funding sources, grants, or mitigation.*

Changes from 2015 to 2017 CIP:



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Facility Improvements Project No. Various

**DESCRIPTION:** Yearly improvements and required maintenance to City facilities that are located throughout the City.

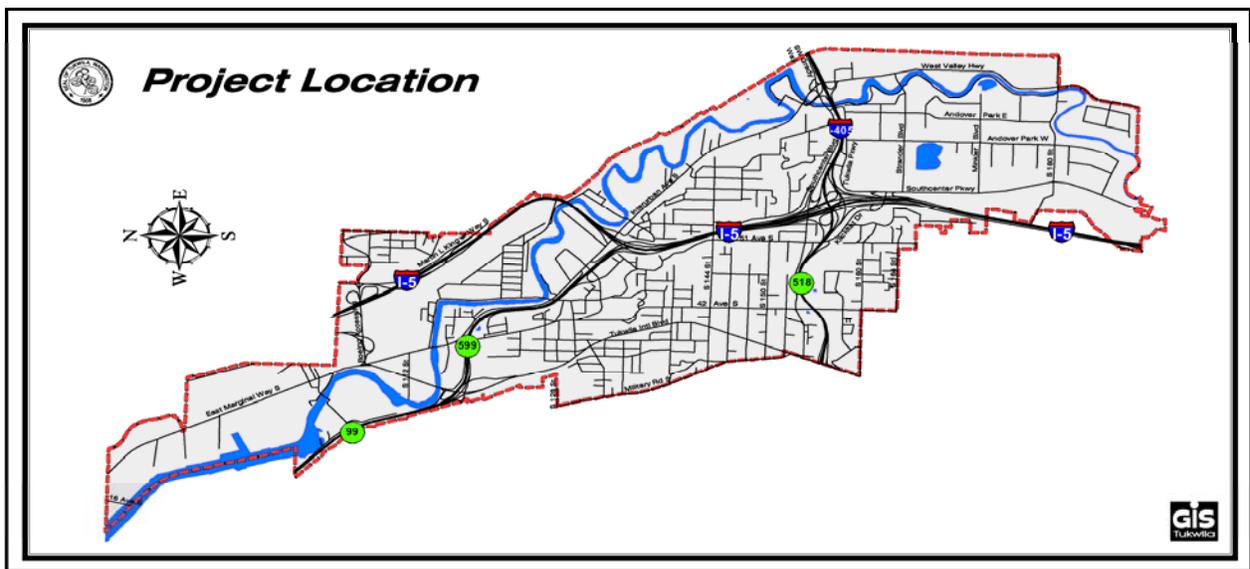
**JUSTIFICATION:** Maintenance of existing facilities and required updating and improvements.

**STATUS:** Ongoing.

**MAINT. IMPACT:** None.

**COMMENT:** Ongoing project, only one year actuals are shown in first column.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Engineering	95	20	20	20	50	50	50	50	50	405
Land (R/W)										0
Construction	123	180	130	130	250	250	250	250	250	1,813
<b>TOTAL EXPENSES</b>	<b>218</b>	<b>200</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>2,218</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	218	200	150	150	300	300	300	300	300	2,218
<b>TOTAL SOURCES</b>	<b>218</b>	<b>200</b>	<b>150</b>	<b>150</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>2,218</b>





City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
for  
2017 - 2022

**PUBLIC SAFETY PLAN**  
**305 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
54	Justice Center	6,300	2,157	20,172	0	0	0	28,629	28,629	0
55	Relocate Fire Station 51	*	6,150	5,296	0	0	0	11,446	14,646	(3,718)
56	Replace Fire Station 52	*	653	672	4,332	0	0	5,657	5,657	(3,150)
57	Replace Fire Station 54		0	0	862	957	5,510	7,329	6,471	0
58	Fire Apparatus & Equipment		1,084	1,474	3,276	1,309	2,104	2,349	11,596	18,336
<b>Grand Total</b>		14,187	9,599	28,642	2,266	7,614	2,349	64,657	66,470	11,468

\* Fire Impact Fee List Projects (fees must be used within 10 years).

\*\* Denotes other funding sources, grants, or mitigation.

Fire Impact Fees effective January 1, 2009, Ordinance 2365.

Changes from 2015 to 2017 CIP:

Changed/Added

**Added new 305 Fund for Public Safety Plan**

- 54 Added Justice Center
- 56 Replace Fire Station 52
- 57 Replace Fire Station 54
- 58 Fire Apparatus & Equipment

Deleted

- New Engine for FS 54, purchased in 2014.
- New Aid Car for Relocated FS 51, included with Fire Life/Safety Equipment

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Justice Center

Project No. 91630501

**DESCRIPTION:** As part of the City's Public Safety Plan, build a Justice Center for the Police Department and Municipal Court to ensure the continuity and improvement of City services.

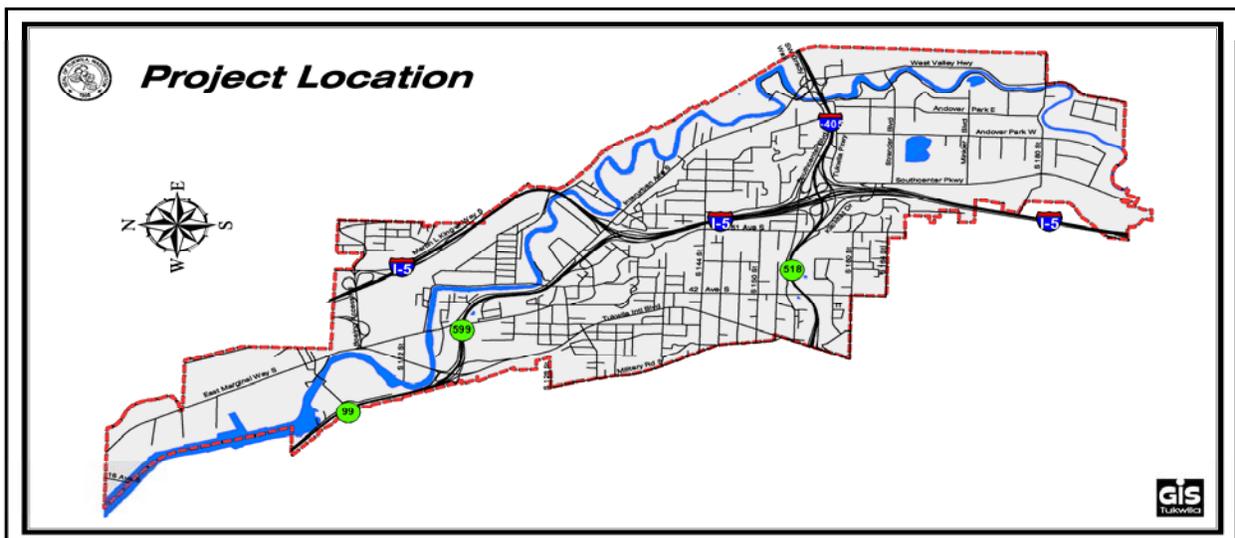
**JUSTIFICATION:** Almost all City buildings have structural and seismic concerns for public safety. Existing facilities are located throughout the City and could be consolidated for better function, use of space, and service to our citizens.

**STATUS:** New Project for 2017 - 2022.

**MAINT. IMPACT:** Improves public safety and efficiency for City operations.

**COMMENT:** Public Safety Plan will be paid by voter-approved debt.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design			300	2,157						2,457
Land (R/W)			6,000							6,000
Const. Mgmt.					2,650					2,650
Construction					17,522					17,522
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>6,300</b>	<b>2,157</b>	<b>20,172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,629</b>
<b>FUND SOURCES</b>										
Public Safety Bond			6,071		22,558					28,629
Mitigation										0
Proposed Grant										0
City Oper. Revenue	0	0	229	2,157	(2,386)	0	0	0	0	0
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>6,300</b>	<b>2,157</b>	<b>20,172</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28,629</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Relocate Fire Station 51

Project No. 90830402

**DESCRIPTION:** Construct 15,000 sf Fire Station 51 as a satellite station with 5,000 sf designated from additional growth.

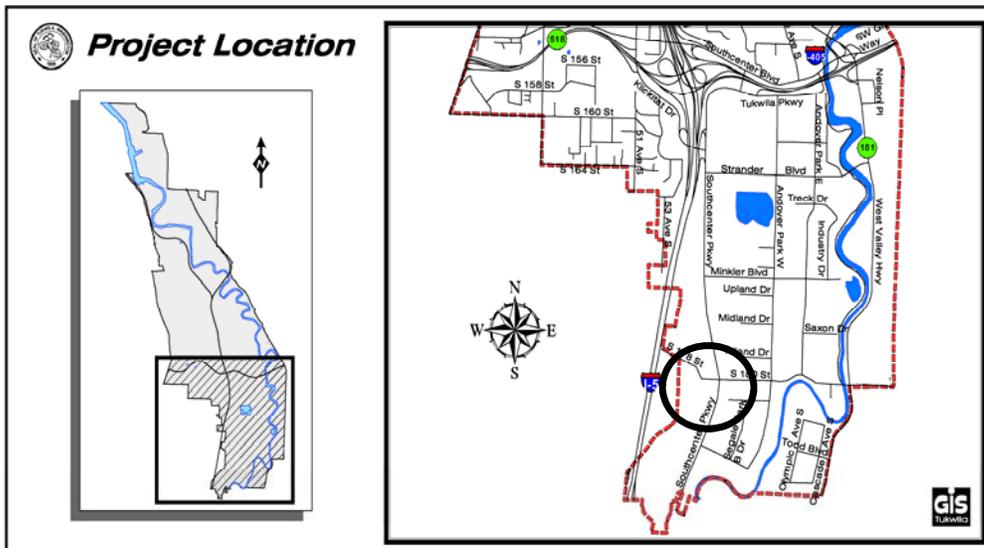
**JUSTIFICATION:** Fire Station 51 will be relocated as the existing facility is in the floodplain and seismically unsound. Expected growth in Tukwila South led to the donation of land for the new station as part of the Tukwila South Development Agreement.

**STATUS:** A site has been identified and there has been an exchange of the property deed.

**MAINT. IMPACT:**

**COMMENT:** Project is on Fire Impact Fee list for \$2 million with a 90% private/10% public split. Revenue shown in 2017 through 2031 is from the Tukwila South Development Agreement #14-065 for fire impact fees and was approved by Council on 6/2/14.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	51		1,646							1,697
Land (R/W)	710									710
Const. Mgmt.			642	642						1,284
Construction			3,862	4,654						8,516
<b>TOTAL EXPENSES</b>	<b>761</b>	<b>0</b>	<b>6,150</b>	<b>5,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,207</b>
<b>FUND SOURCES</b>										
Public Safety Bond			11,446							11,446
Land Donation/Sale	710				1,000					1,710
Tukwila South			500	300	300	300	300	300	2,750	4,750
Fire Impact Fees	51									51
Fire Impact Fees Expected					50	50	50	50	968	1,168
City Oper. Revenue	0	0	(5,796)	4,996	(1,350)	(350)	(350)	(350)	(3,718)	(6,918)
<b>TOTAL SOURCES</b>	<b>761</b>	<b>0</b>	<b>6,150</b>	<b>5,296</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>12,207</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Replace Fire Station 52

Project No. 90830405

**DESCRIPTION:** As part of the City's Public Safety Plan, replace Fire Station 52 after evaluation of need based on relocation of Fire Station 51.

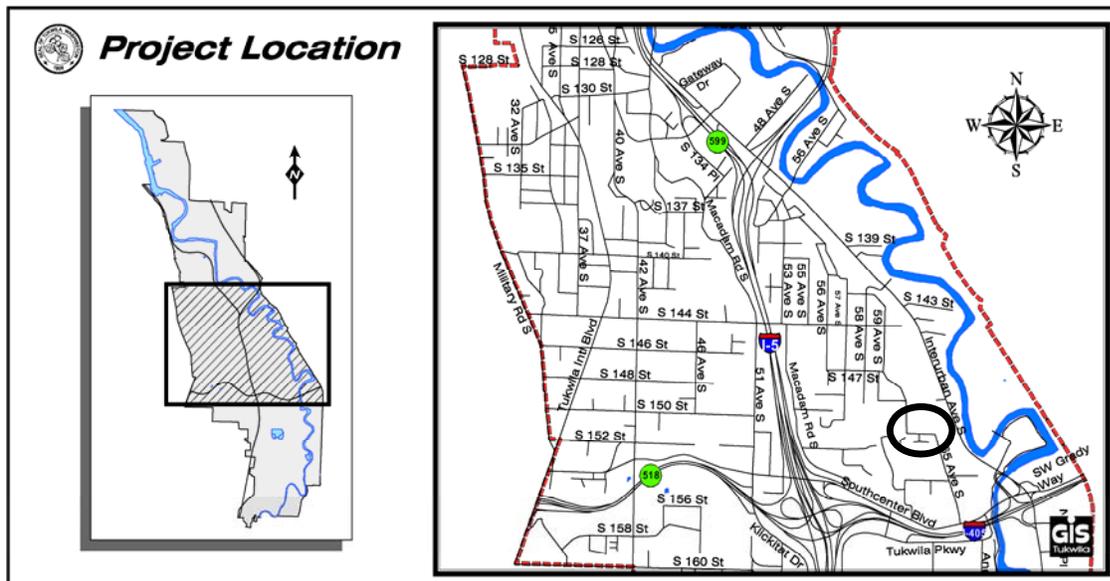
**JUSTIFICATION:** The existing Fire Station 52 is too small to house needed fire apparatus and equipment and is also seismically unsound. In order to continue to provide fast response times, high quality service, and meet compliance with state law, Fire Station 52 must be replaced.

**STATUS:** Fire Station 52 has been added to the City's Public Safety Plan.

**MAINT. IMPACT:**

**COMMENT:** Project is on Fire Impact Fee list for \$3.5 million with a 90%/10% split for \$3.15 million total.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design				672						672
Land (R/W)			653							653
Const. Mgmt.					758					758
Construction					3,574					3,574
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>653</b>	<b>672</b>	<b>4,332</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,657</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Public Safety Bond			1,325		4,332					5,657
Fire Impact Fees										0
Fire Impact Fees Expected									3,150	3,150
City Oper. Revenue	0	0	(672)	672	0	0	0	0	(3,150)	(3,150)
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>653</b>	<b>672</b>	<b>4,332</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,657</b>



**CITY OF TUKWILA CAPITAL PROJECT SUMMARY**

2017 to 2022

**PROJECT:** Replace Fire Station 54

Project No. 91630402

**DESCRIPTION:** As part of the City's Public Safety Plan, replace Fire Station 54.

**JUSTIFICATION:** The existing Fire Station 54 is too small to house needed fire apparatus and equipment and is also seismically unsound. In order to continue to provide fast response times, high quality service, and meet compliance with state law, Fire Station 54 must be replaced.

**STATUS:** Fire Station 54 has been added to the City's Public Safety Plan.

**MAINT. IMPACT:**

**COMMENT:** New project for 2017-2022 CIP.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
EXPENSES										
Design						957				957
Land (R/W)					862					862
Const. Mgmt.							850			850
Construction							4,660			4,660
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>862</b>	<b>957</b>	<b>5,510</b>	<b>0</b>	<b>0</b>	<b>7,329</b>
FUND SOURCES										
Awarded Grant										0
Public Safety Bond								6,471		6,471
Fire Impact Fees										0
Fire Impact Fees Expected										0
City Oper. Revenue	0	0	0	0	862	957	5,510	(6,471)	0	858
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>862</b>	<b>957</b>	<b>5,510</b>	<b>0</b>	<b>0</b>	<b>7,329</b>

Site location to be determined.

**CITY OF TUKWILA CAPITAL PROJECT SUMMARY**

2017 to 2022

**PROJECT:** Fire Apparatus & Equipment

Project No. 91630401

**DESCRIPTION:** Fire trucks and fire equipment must be purchased on a regular basis. Funding this life/safety equipment via a voter-approved bond guarantees that the Tukwila Fire Department is full funded for the life of the bond.

**JUSTIFICATION:** Safety and well-being of Tukwila citizens and visitors.

**STATUS:** Part of the City's Safety Plan

**MAINT. IMPACT:**

**COMMENT:** New project for 2017-2022 CIP.

<b>FINANCIAL (in \$000's)</b>	<b>Through 2015</b>	<b>Estimated 2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>BEYOND</b>	<b>TOTAL</b>
<b>EXPENSES</b>										
Design										0
Land (R/W)										0
Apparatus & Equip			1,084	1,474	3,276	1,309	2,104	2,349	18,336	29,932
Construction										0
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>1,084</b>	<b>1,474</b>	<b>3,276</b>	<b>1,309</b>	<b>2,104</b>	<b>2,349</b>	<b>18,336</b>	<b>29,932</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Public Safety Bond			4,501		6,484			82	14,115	25,182
Fire Impact Fees										0
Fire Impact Fees Expected										0
City Oper. Revenue	0	0	(3,417)	1,474	(3,208)	1,309	2,104	2,267	4,221	4,750
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>1,084</b>	<b>1,474</b>	<b>3,276</b>	<b>1,309</b>	<b>2,104</b>	<b>2,349</b>	<b>18,336</b>	<b>29,932</b>

Capital Equipment Purchases.

City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**CITY FACILITIES**  
**306 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
60	Public Works Shops	6,150	2,302	21,041	0	0	0	29,493	34,493	0
61	City Hall Facilities	0	0	0	0	0	0	0	0	22,185
<b>Grand Total</b>		6,150	2,302	21,041	0	0	0	0	0	22,185

Changes from 2015 to 2017 CIP:

**Added new 306 Fund for City Facilities**

- 60 Changed name from City Maintenance Facility to Public Works Shops
- 61 Changed name from City Facilities to City Hall Facilities

**CITY OF TUKWILA CAPITAL PROJECT SUMMARY**

2017 to 2022

**PROJECT:** Public Works Shops

Project No. 91630601

**DESCRIPTION:** Construct a new City Public Works maintenance and operations center, combining all operational functions at one location. Facility may also include a City Clerk & Police Records Center and Police evidence storage.

**JUSTIFICATION:** Existing Public Works operations and maintenance areas are inadequate structurally and seismically. Current land for staging dirt and vector materials is only temporary. Project includes selling dirt/vector land, Minkler Shops, and George Long Shops to acquire the real estate to build an equipment operations center that meets current codes.

**STATUS:** Analyzing as part of the overall Public Safety Plan. Was formerly known as City Maintenance Facility.

**MAINT. IMPACT:** Improves safety and efficiency for First Responders and maintenance operations.

**COMMENT:** Based on usage and benefits, it is estimated that the Water, Sewer, and Surface water enterprise funds will fund 50% of the City Maintenance Facility with the other 50% funded by Streets, Facilities, & Equipment Rental.

<b>FINANCIAL</b> <b>(in \$000's)</b>	<b>Through</b>	<b>Estimated</b>								
	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>BEYOND</b>	<b>TOTAL</b>
<b>EXPENSES</b>										
Design/PM			150	2,302	100					2,552
Land (R/W)			6,000							6,000
Const. Mgmt.										0
Construction					20,941					20,941
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>6,150</b>	<b>2,302</b>	<b>21,041</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,493</b>
<b>FUND SOURCES</b>										
Enterprise Funds			14,746							14,746
Councilmatic Bond			14,747							14,747
Proposed Sale of Land						5,000				5,000
Mitigation Expected										0
City Oper. Revenue	0	0	(23,343)	2,302	21,041	(5,000)	0	0	0	(5,000)
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>6,150</b>	<b>2,302</b>	<b>21,041</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>29,493</b>

Site location to be determined.

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** City Hall Facilities

Project No. 91230201

**DESCRIPTION:** All City facilities were analyzed to determine priorities with a needs analysis and the possibility of combining existing structures. Second step prioritized those needs based on public safety with a third step to determine prudent financing options.

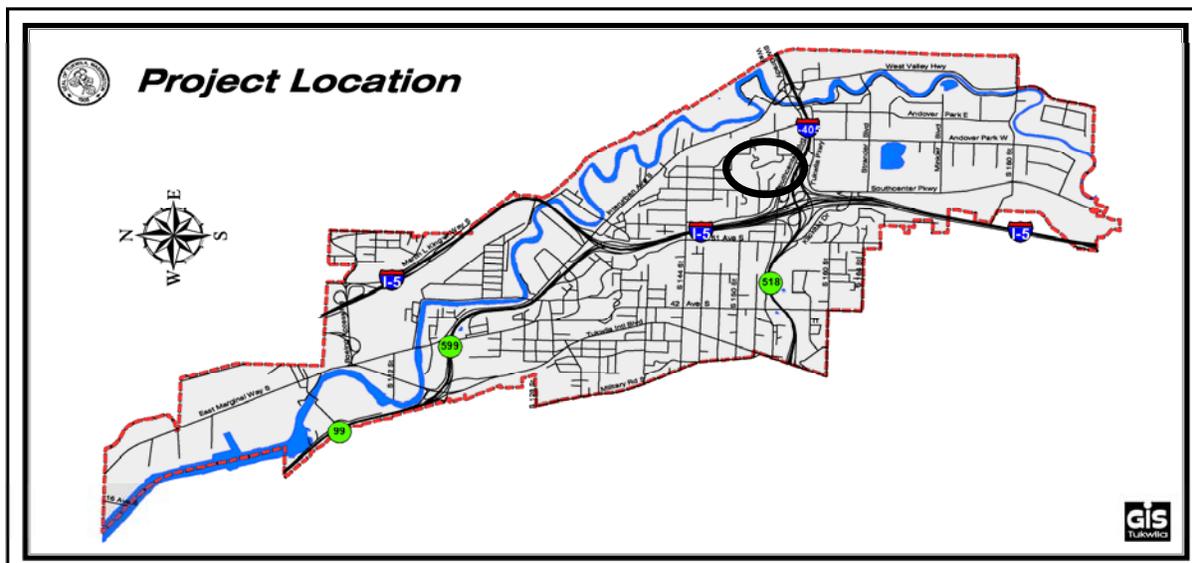
**JUSTIFICATION:** Almost all City buildings have structural and seismic concerns for public safety. Existing facilities are located throughout the City and could be consolidated for better function, use of space, and service to our citizens.

**STATUS:** Adopt Facilities Plan by 2016. Steering Committee recommended councilmatic bonds to renovate City Hall Campus. In 2017, CIP page only reflects City Hall, see separate pages for Justice Center & Public Works Shops.

**MAINT. IMPACT:** Improves public safety and efficiency for City operations.

**COMMENT:** Scoping and analysis of all City facilities began in 2013 and included Police, Fire, and Public Works.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Analysis	309	95								404
Design/PM									3,285	3,285
Land (R/W)										0
Const. Mgmt.									2,650	2,650
Construction									16,250	16,250
<b>TOTAL EXPENSES</b>	<b>309</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,185</b>	<b>22,589</b>
<b>FUND SOURCES</b>										
Grant										0
Bond									22,185	22,185
Mitigation Expected										0
City Oper. Revenue	309	95	0	0	0	0	0	0	0	404
<b>TOTAL SOURCES</b>	<b>309</b>	<b>95</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>22,185</b>	<b>22,589</b>





City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
for  
2017 - 2022

**WATER ENTERPRISE FUND**  
**401.98**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
64	Interurban Water Reuse	0	25	0	25	0	25	75	0	0
65	Macadam Rd S Water Upgrade	1,300	0	0	0	0	0	1,300	0	0
66	Andover Park E Water Main Replacement	785	0	0	0	0	0	785	0	0
67	53rd Ave S Water Main Replacement	572	552	0	0	0	0	1,124	0	0
68	58th Ave S Water Main Replacement	326	0	0	0	0	0	326	0	0
69	Martin Luther King Jr Way S Water Main	70	313	156	0	0	0	539	0	0
70	GIS Inventory of Water System	67	100	100	100	100	100	567	0	0
71	Water Reservoir 1.5 million Gallon Capacity	50	0	600	3,500	3,000	0	7,150	6,000	0
72	Minkler Blvd Water Main Replacement	0	60	300	0	0	0	360	0	360
73	S 152nd Place Waterline Replacement	0	20	60	0	0	0	80	0	0
74	Water Comprehensive Plan	0	0	140	140	0	0	280	0	0
75	Crystal Springs Intertie with Highline WD	0	0	0	50	180	0	230	0	0
76	S 152nd Street Waterline Replacement	0	0	0	0	80	690	770	0	0
77	57th Ave S Waterline Replacement	0	0	0	0	0	270	270	0	0
	S 140th St Waterline Replacement	0	0	0	0	0	0	0	0	260
	Minkler Blvd Water Looping	0	0	0	0	0	0	0	0	390
	Southcenter Blvd Water Main Replacement	0	0	0	0	0	0	0	0	870
	S 180th & W Valley Loop/Renton Turnover	0	0	0	0	0	0	0	0	2,464
	Foster Area Water Upgrade	0	0	0	0	0	0	0	0	1,390
	West Valley Hwy East Side Water Looping	0	0	0	0	0	0	0	0	1,400
	West Valley Deep Water Main Replacement	0	0	0	0	0	0	0	0	690
	65th Ave S Water Main Replacement	0	0	0	0	0	0	0	0	2,240
	49th Ave S Water Main Replacement	0	0	0	0	0	0	0	0	1,400
	S 180th St Water Main Replacement	0	0	0	0	0	0	0	0	1,232
	Evans Black Dr Water Main Replacement	0	0	0	0	0	0	0	0	780
	S 112 St Water Looping	0	0	0	0	0	0	0	0	1,140
	S 153rd St Water Main Replacement	0	0	0	0	0	0	0	0	350
	Corporate Dr S Water Main Replacement	0	0	0	0	0	0	0	0	560
	Allentown Phase III - Water Revitalization	0	0	0	0	0	0	0	0	560
	Foster Playfield Reclaimed Water Extension	0	0	0	0	0	0	0	0	1,680
	Duwamish River Crossing Reclaimed Water	0	0	0	0	0	0	0	0	193
	Strander Blvd Waterline Upgrade	0	0	0	0	0	0	0	0	3,190
<b>Grand Total</b>		<b>3,170</b>	<b>1,070</b>	<b>1,356</b>	<b>3,815</b>	<b>3,360</b>	<b>1,085</b>	<b>13,856</b>	<b>6,000</b>	<b>16,086</b>

\*\* Denotes other funding sources, grants, or mitigation.

Changes from 2015 to 2017 CIP:

Deleted:

Andover Park W/Strander New Water Main, completed in 2015.  
52nd Ave S Water Main, included in 53rd Ave S Project

Project sheets scheduled beyond 2022  
can be found in the City's website under  
Public Works Capital Improvement Program.

Changed name from Poverty Hill Water Revitalization to  
Allentown Phase III - Water Revitalization

New:

- 70 GIS Inventory of Water System
- 73 S 152nd Place Waterline Replacement
- 76 S 152nd St Waterline Replacement
- 77 57th Ave S Waterline Replacement
- S 140th St Waterline Replacement

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Interurban Water Reuse Project No. 99240106

**DESCRIPTION:** Develop water reuse along the Interurban corridor with Class A treated wastewater from the Eastside Reclamation Facility for irrigation, sewer flushing, sweeping, dust control, and other non-potable uses.

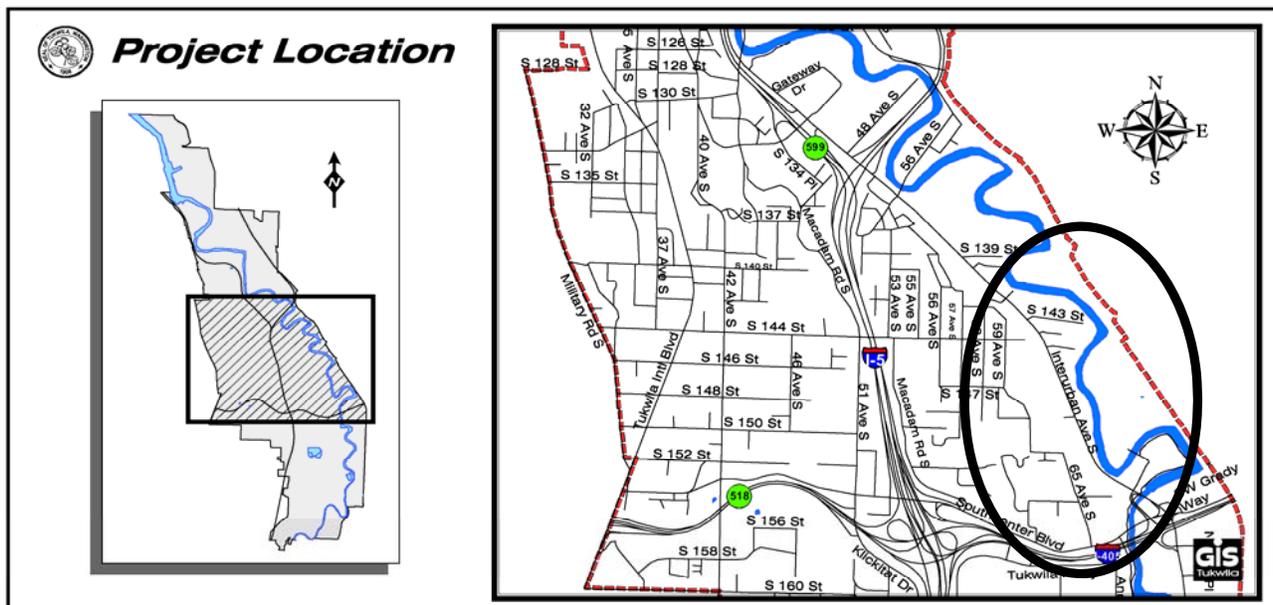
**JUSTIFICATION:** Using reclaimed water is an element of the City's Water Conservation Plan as well as the Cascade Water Transmission and Supply Plan.

**STATUS:** These funds will be used for engineering and construction to assist potential connections to the King County reclaimed water line.

**MAINT. IMPACT:** Future maintenance and operation of the new meters, tracking and preventing cross-connections.

**COMMENT:** KC Dept of Natural Resources funded the construction of additional portions for installation of the reuse water line.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	5	25		25		25		25		105
Land (R/W)										0
Const. Mgmt.	6									6
Construction	111									111
<b>TOTAL EXPENSES</b>	<b>122</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>222</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	122	25	0	25	0	25	0	25	0	222
<b>TOTAL SOURCES</b>	<b>122</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>25</b>	<b>0</b>	<b>222</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Macadam Rd S Water Upgrade

Project No. 90440105

**DESCRIPTION:** Design and construct 4,300 LF of 10" waterline in Macadam Rd S from S 144th St to Southcenter Blvd.

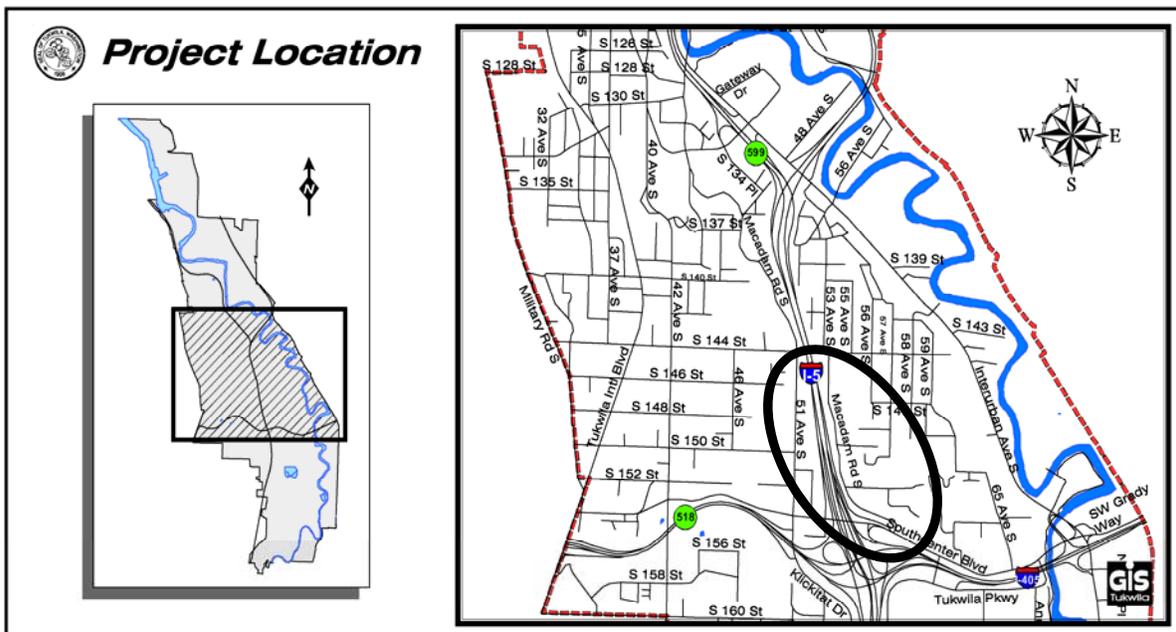
**JUSTIFICATION:** Improve fire flow water quality to the north side of Tukwila Hill.

**STATUS:** Design began in 2015 with construction to begin in late summer 2016 and continue into 2017.

**MAINT. IMPACT:** The new waterline will eliminate maintenance time for flushing the dead end line while increasing service reliability.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	28	127								155
Land (R/W)										0
Const. Mgmt.		50	200							250
Construction		600	1,100							1,700
<b>TOTAL EXPENSES</b>	<b>28</b>	<b>777</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,105</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	28	777	1,300	0	0	0	0	0	0	2,105
<b>TOTAL SOURCES</b>	<b>28</b>	<b>777</b>	<b>1,300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2,105</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Andover Park E Water Main Replacement

Project No. 99940103

**DESCRIPTION:** Design and construct 2,700 LF of new 8" & 16" ductile iron pipe along Andover Park East from Tukwila Pkwy to Strander Blvd.

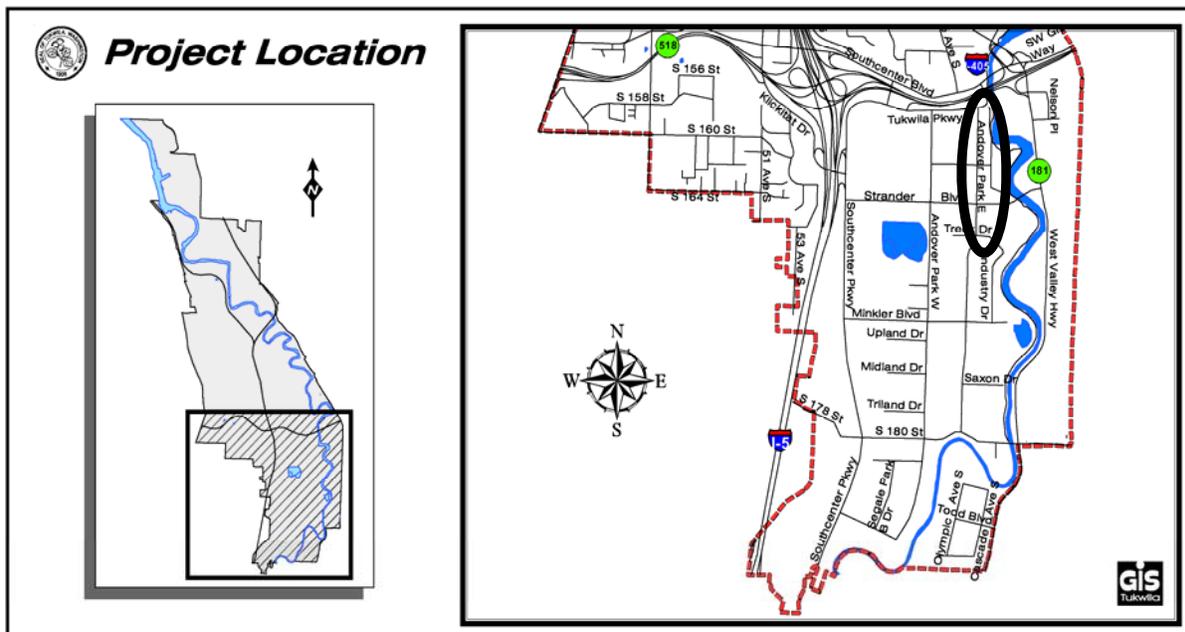
**JUSTIFICATION:** Support future growth within this area of the CBD as aging cast iron system has suffered frequent failures.

**STATUS:** Survey and design is complete. Construction is scheduled for 2016 from Strander Blvd to Tukwila Pkwy with final paving in 2017.

**MAINT. IMPACT:** A new pipe will significantly reduce impact on crews from the risk of cataclysmic events.

**COMMENT:** PWTF loans were rescinded in 2014 & 2015 by the State Legislature.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	140	59								199
Land (R/W)										0
Const. Mgmt.		284	100							384
Construction		2,100	685							2,785
<b>TOTAL EXPENSES</b>	<b>140</b>	<b>2,443</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,368</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Bond										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	140	2,443	785	0	0	0	0	0	0	3,368
<b>TOTAL SOURCES</b>	<b>140</b>	<b>2,443</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,368</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **53rd Ave S Water Main Replacement** Project No. 90540106

**DESCRIPTION:** Along with Residential street and surface water improvements, install approximately 3,200 LF of new 12" water line along 53rd Ave S from Interurban Ave S to S 144th St.

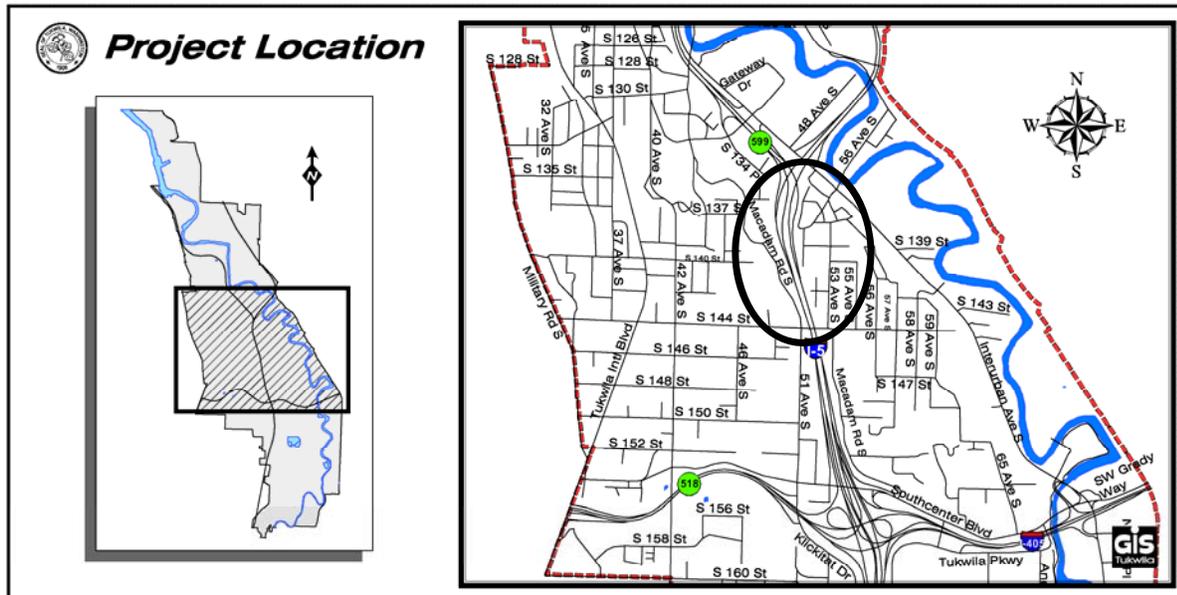
**JUSTIFICATION:** This provides a needed loop within the distribution system and will improve water service and fire flows to the north side of Tukwila Hill.

**STATUS:** Design in 2016, with construction in 2017 and 2018.

**MAINT. IMPACT:**

**COMMENT:** The water main route will be along 53rd Ave S from Interurban Ave S and 52nd Ave S to 53rd Ave S, then along S 137th St to 53rd south to S 144th St.

FINANCIAL (in \$000's)	Through Estimated										
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design	5	100	20							125	
Land (R/W)										0	
Const. Mgmt.			72	72						144	
Construction			480	480						960	
<b>TOTAL EXPENSES</b>	<b>5</b>	<b>100</b>	<b>572</b>	<b>552</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,229</b>	
<b>FUND SOURCES</b>											
Awarded Grant										0	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	5	100	572	552	0	0	0	0	0	1,229	
<b>TOTAL SOURCES</b>	<b>5</b>	<b>100</b>	<b>572</b>	<b>552</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,229</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 58th Ave S Water Main Replacement

Project No. 90540102

**DESCRIPTION:** Design and construct 680 LF of 8" ductile iron waterline to replace the old cast iron waterline in 58th Ave S from S 142nd St to S 144th St. Construction also includes overlay of the street.

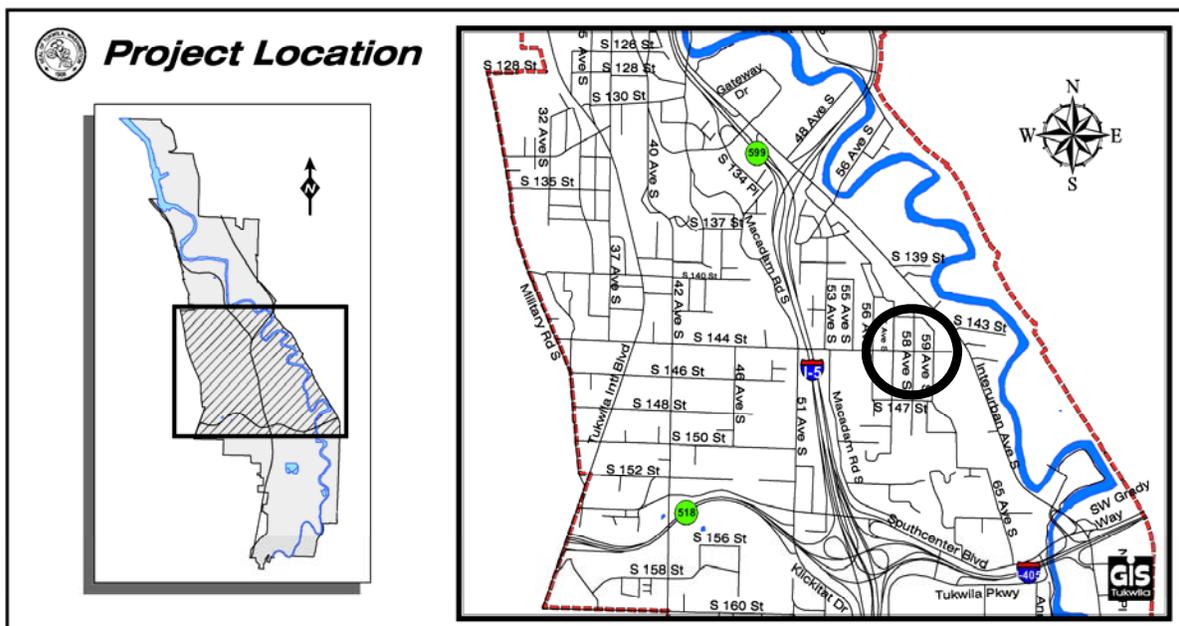
**JUSTIFICATION:** The existing waterline is cast iron and is subject to cracking and breaking apart with age.

**STATUS:** Design completed in 2016 with construction in 2016/2017.

**MAINT. IMPACT:** The new waterline will significantly reduce impact on crews from the risk of failure.

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	11	49								60
Land (R/W)										0
Const. Mgmt.		43	43							86
Construction		283	283							566
<b>TOTAL EXPENSES</b>	<b>11</b>	<b>375</b>	<b>326</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>712</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	11	375	326	0	0	0	0	0	0	712
<b>TOTAL SOURCES</b>	<b>11</b>	<b>375</b>	<b>326</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>712</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Martin Luther King Jr Way S Water Main** Project No. 90640102

**DESCRIPTION:** Design and construct replacement of 800 LF of 12" water line and hydrants.

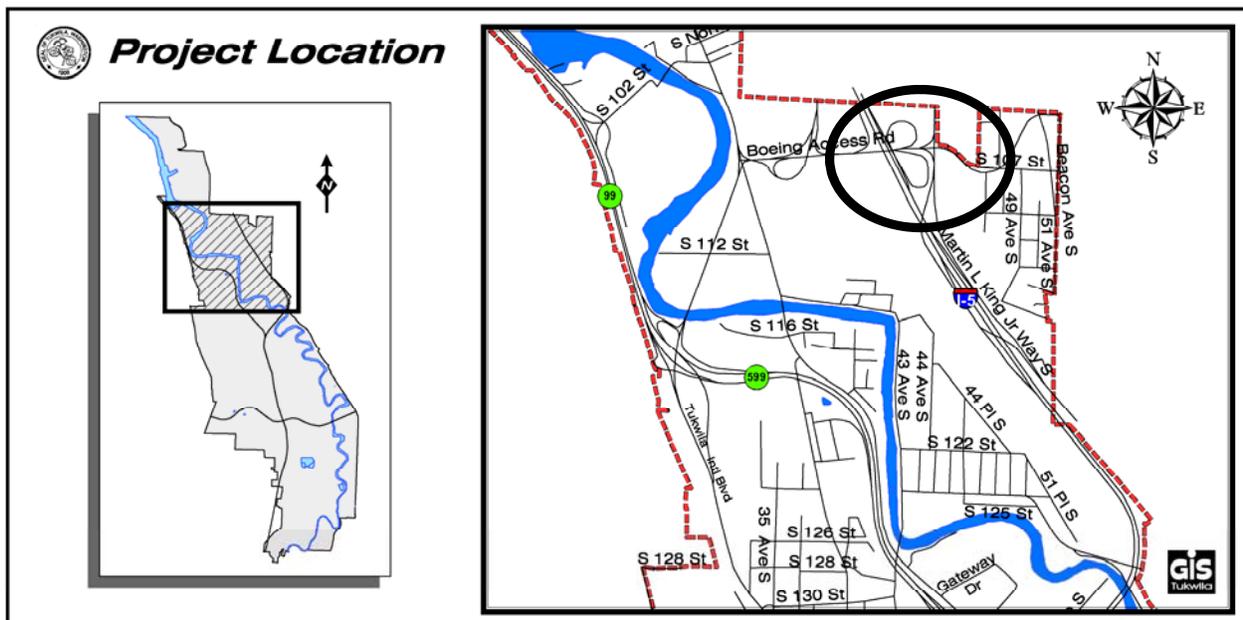
**JUSTIFICATION:** During the construction of Sound Transit light rail along Martin Luther King Jr Way South, the existing 12" D.I.P. waterline was found to be heavily covered with corrosion.

**STATUS:** Design will begin in 2017 with construction in 2018.

**MAINT. IMPACT:** A relined pipe will reduce the risk of failure.

**COMMENT:** Project will require a franchise agreement with WSDOT for existing waterline located in WSDOT right-of-way.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	1		70							71
Land (R/W)										0
Const. Mgmt.				40	40					80
Construction				273	116					389
<b>TOTAL EXPENSES</b>	<b>1</b>	<b>0</b>	<b>70</b>	<b>313</b>	<b>156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	1	0	70	313	156	0	0	0	0	540
<b>TOTAL SOURCES</b>	<b>1</b>	<b>0</b>	<b>70</b>	<b>313</b>	<b>156</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>540</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** GIS Inventory of Water System

Project No. 91640104

**DESCRIPTION:** The GIS (Geographic Information System ) will provide current as-built data for the Tukwila water system. The data base will include fire hydrants, valve locations, approximate water line locations, date of installation, and material type.

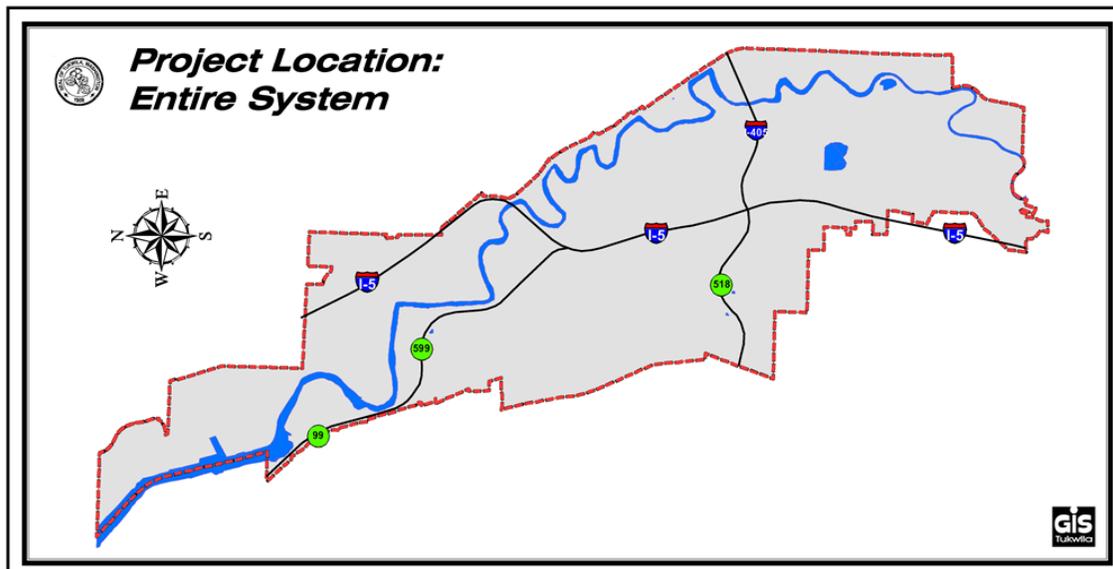
**JUSTIFICATION:** The GIS mapping will provide information on the water system that is easily addressable by City staff and the public. With GIS data, the City will be able to develop an asset management plan to determine the water assets needed to be upgraded or replaced.

**STATUS:** New project for 2017 - 2022 CIP. Combined Asset Management System scheduled for 2017.

**MAINT. IMPACT:** The survey will provide staff with-up-date information on the location of water line features.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated										
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
<b>EXPENSES</b>											
Design			67	100	100	100	100	100		567	
Land (R/W)										0	
Const. Mgmt.										0	
Construction										0	
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>567</b>	
<b>FUND SOURCES</b>											
Awarded Grant										0	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	0	0	67	100	100	100	100	100	0	567	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>67</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>0</b>	<b>567</b>	



**CITY OF TUKWILA CAPITAL PROJECT SUMMARY**

2017 to 2022

**PROJECT:** Water Reservoir and Pump Station

Project No. 91240102

**DESCRIPTION:** Design and construct a new 1.5 million gallon water storage reservoir with a 3,300 gpm pump station.

**JUSTIFICATION:** The Department of Health is requiring that the City provide additional water storage in the 360 pressure zone, which includes the Commercial Business District. A pump station is needed for fire flow.

**STATUS:** Design funds in 2017 will study the possibility of using Highline's CrestView Reservoir's extra capacity instead of building a new reservoir. Siting study in 2013 showed optimal site location in the Manufacturing/Industrial Center (MIC). May also be included in new PW Shop facilities.

**MAINT. IMPACT:** Additional staff will be needed to provide maintenance for the new reservoir and pumps.

**COMMENT:** The pump station may not be required depending on the location of the proposed reservoir.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	26		50		500	500				1,076
Land (R/W)					100					100
Const. Mgmt.						400	400			800
Construction						2,600	2,600			5,200
<b>TOTAL EXPENSES</b>	<b>26</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>600</b>	<b>3,500</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>7,176</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Bond						3,000	3,000			6,000
Mitigation Expected										0
Utility Revenue	26	0	50	0	600	500	0	0	0	1,176
<b>TOTAL SOURCES</b>	<b>26</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>600</b>	<b>3,500</b>	<b>3,000</b>	<b>0</b>	<b>0</b>	<b>7,176</b>

Location to be determined.

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Minkler Blvd Water Main Replacement

Project No. 90540111

**DESCRIPTION:** Replace approximately 500 LF of existing 8" water line with a 12" line along Minkler Blvd, east of Industry Dr.

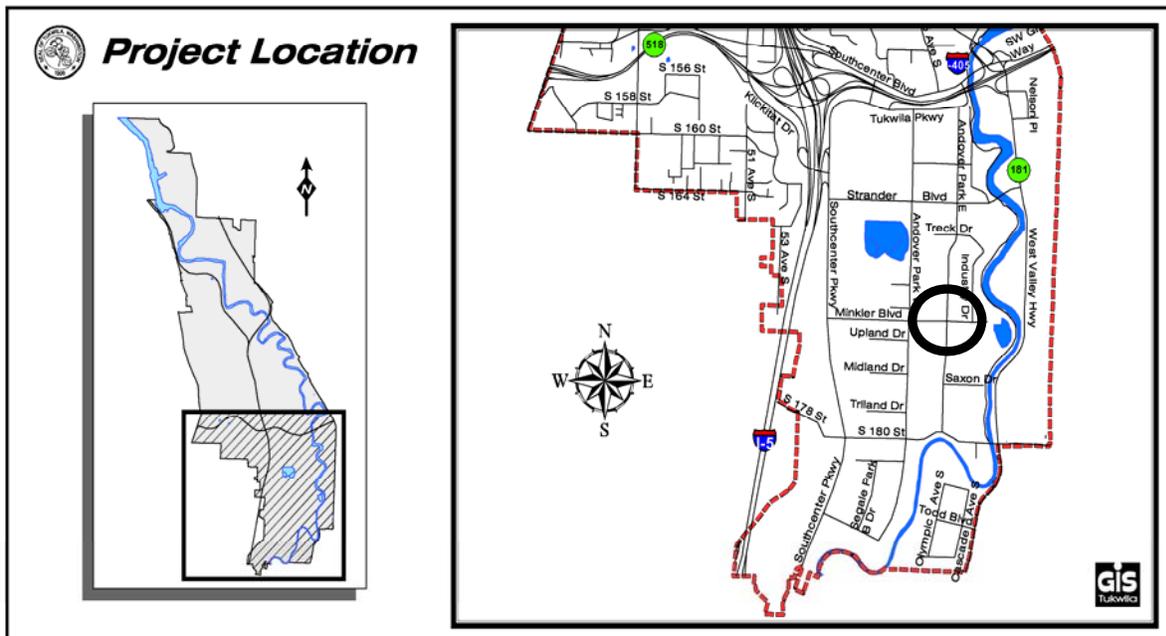
**JUSTIFICATION:** This replacement will improve fire flows to the area.

**STATUS:**

**MAINT. IMPACT:**

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design				60						60	120
Land (R/W)											0
Const. Mgmt.					50					50	100
Construction					250					250	500
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>360</b>	<b>720</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	0	0	0	60	300	0	0	0	360	720	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>60</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>360</b>	<b>720</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** S 152nd Place Waterline Replacement

Project No. 91640103

**DESCRIPTION:** Design and construct 150 LF of 8" ductile iron waterline in S 152nd Place to Sunwood Blvd.

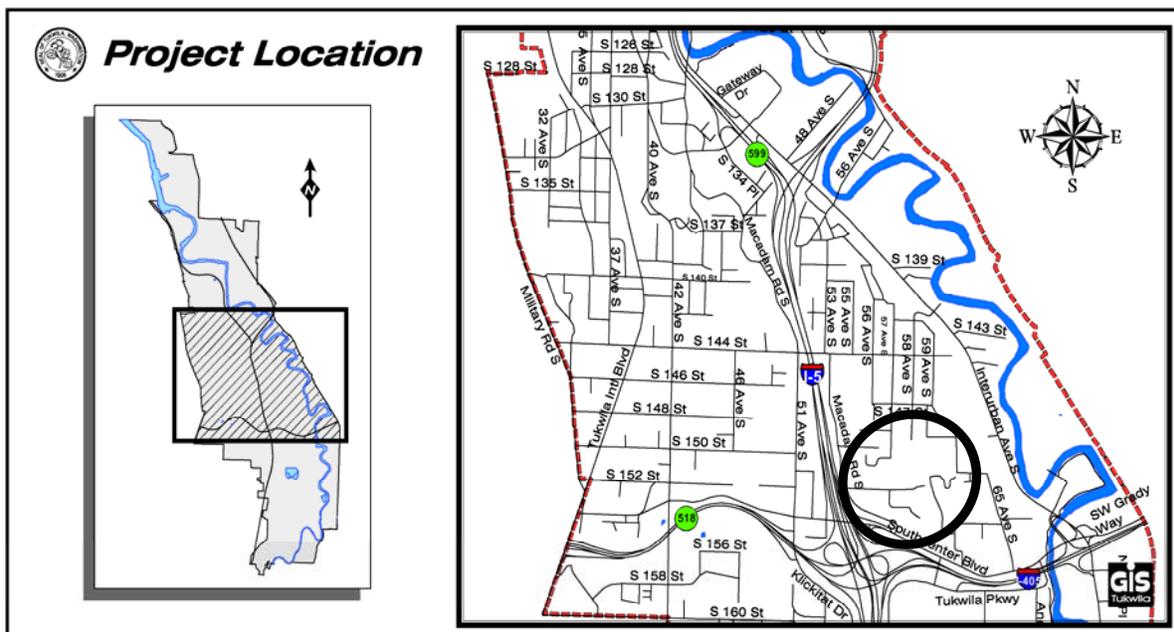
**JUSTIFICATION:** The proposed waterline will also meet fire flow requirements.

**STATUS:** New project for the 2017 - 2022 CIP.

**MAINT. IMPACT:** To remove a deadend in South 152nd Place to improve water quality.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design				20						20
Land (R/W)										0
Const. Mgmt.					5					5
Construction					55					55
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	0	0	20	60	0	0	0	0	80
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Water Comprehensive Plan

Project No. 91040101

**DESCRIPTION:** Prepare the new Water Comprehensive Plan incorporating any regulatory or new Growth Management Act Comprehensive Plan issues related to running the water utility.

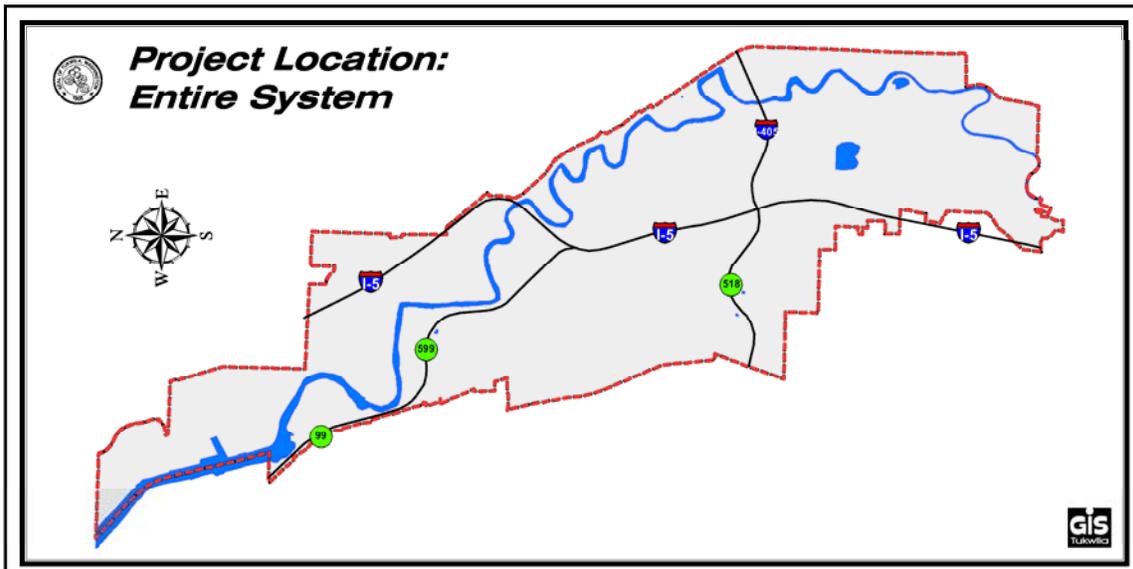
**JUSTIFICATION:** Plan needs to be consistent with City's Comprehensive Plan and the Department of Health requires the plan to be updated every 6 years.

**STATUS:** Current Water update was adopted in 2015. The next update is scheduled for 2021.

**MAINT. IMPACT:**

**COMMENT:**

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	234					140	140			514
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>234</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>514</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	234	0	0	0	140	140	0	0	0	514
<b>TOTAL SOURCES</b>	<b>234</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>514</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Crystal Springs Intertie with Highline Water District Project No. 91040104

**DESCRIPTION:** Supply an emergency intertie for 10-12 customers within the Crystal Springs pressure zone.

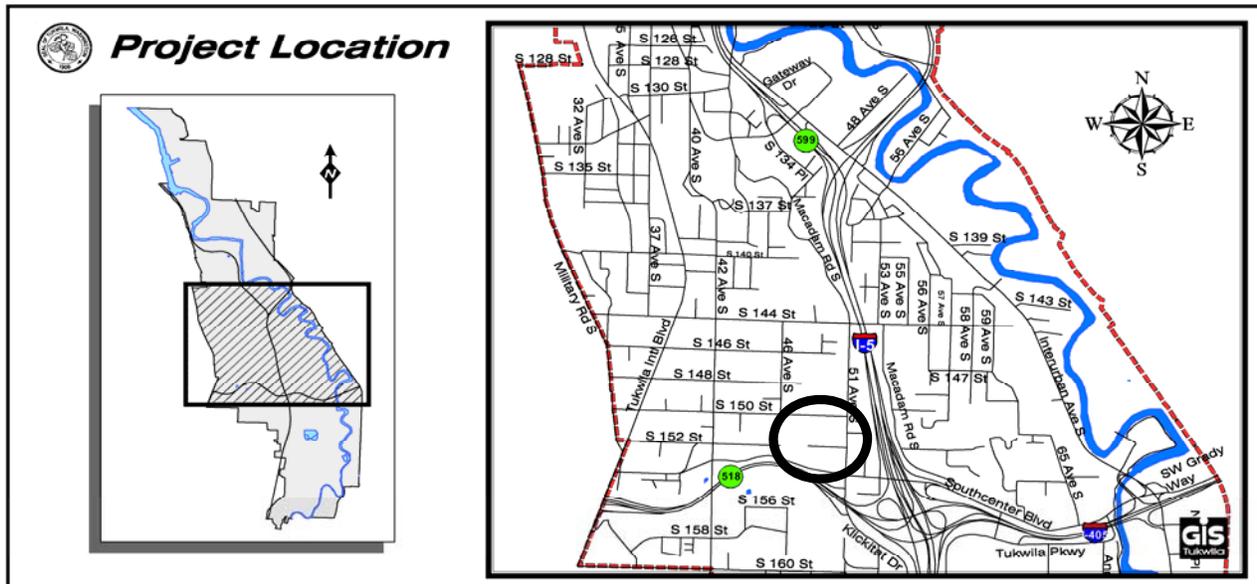
**JUSTIFICATION:** An intertie feed from the City's 360-zone was cut off with the WSDOT reconstruction of Klickitat Drive at the SR 518 off-ramp. If the Seattle supply tap becomes unavailable, there would be no service or fire flow for customers.

**STATUS:** A Parks department meter could be temporarily set up during maintenance closures, but hydrants would still be unavailable.

**MAINT. IMPACT:** Maintenance liabilities would be reduced and temporary measures would save time and prevent vandalism.

**COMMENT:** This project may not be required if area transferred to Highline Water District.

FINANCIAL (in \$000's)	Through Estimated									
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design						50				50
Land (R/W)										0
Const. Mgmt.							30			30
Construction							150			150
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>230</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	0	0	0	0	50	180	0	0	230
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>50</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>230</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** S 152nd Street Waterline Replacement

Project No. 91640102

**DESCRIPTION:** Design and construct 1,600 LF of 10" ductile iron waterline to replace the old 6" cast iron waterline in S 152nd St from Macadam Rd S east to the end of the pipe near 58th Ave S.

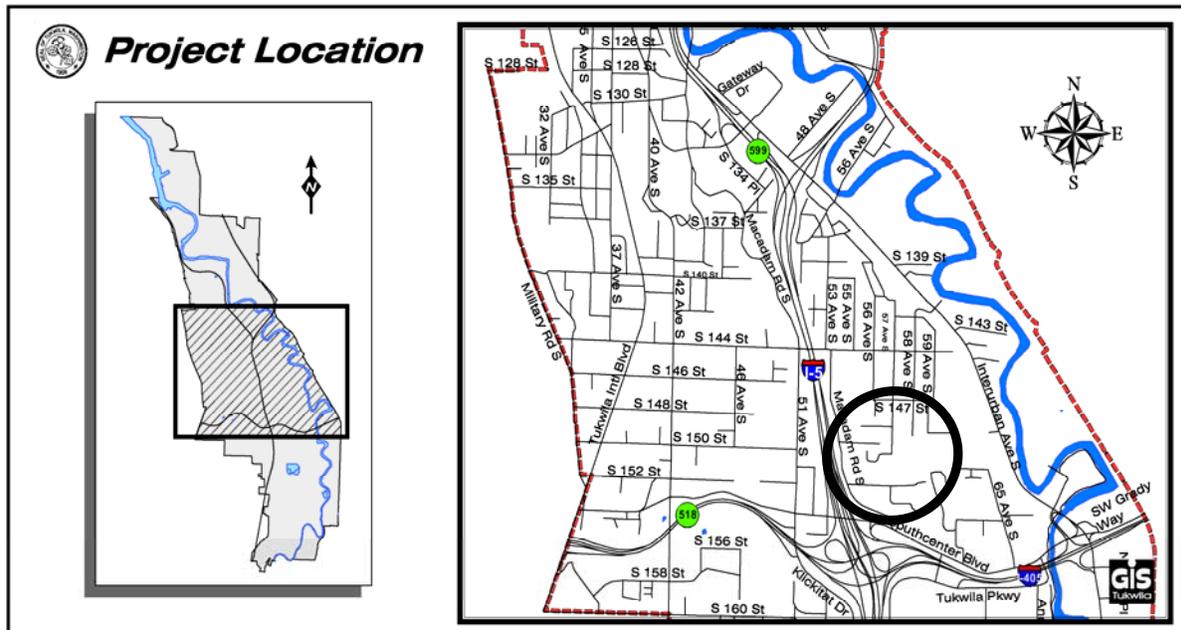
**JUSTIFICATION:** The existing waterline is cast iron and is subject to cracking and breaking apart with age.

**STATUS:** New project for the 2017 - 2022 CIP.

**MAINT. IMPACT:** The proposed waterline will also meet fire flow requirements.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design							80			80
Land (R/W)										0
Const. Mgmt.								90		90
Construction								600		600
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>690</b>	<b>0</b>	<b>770</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	0	0	0	0	0	80	690	0	770
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>80</b>	<b>690</b>	<b>0</b>	<b>770</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 57th Ave S Waterline Replacement

Project No. 91640105

**DESCRIPTION:** Design and construct 660 LF of 8" ductile iron pipe waterline to replace the old 6" cast iron waterline in 57th Ave S from S 152nd St to S 150th Pl.

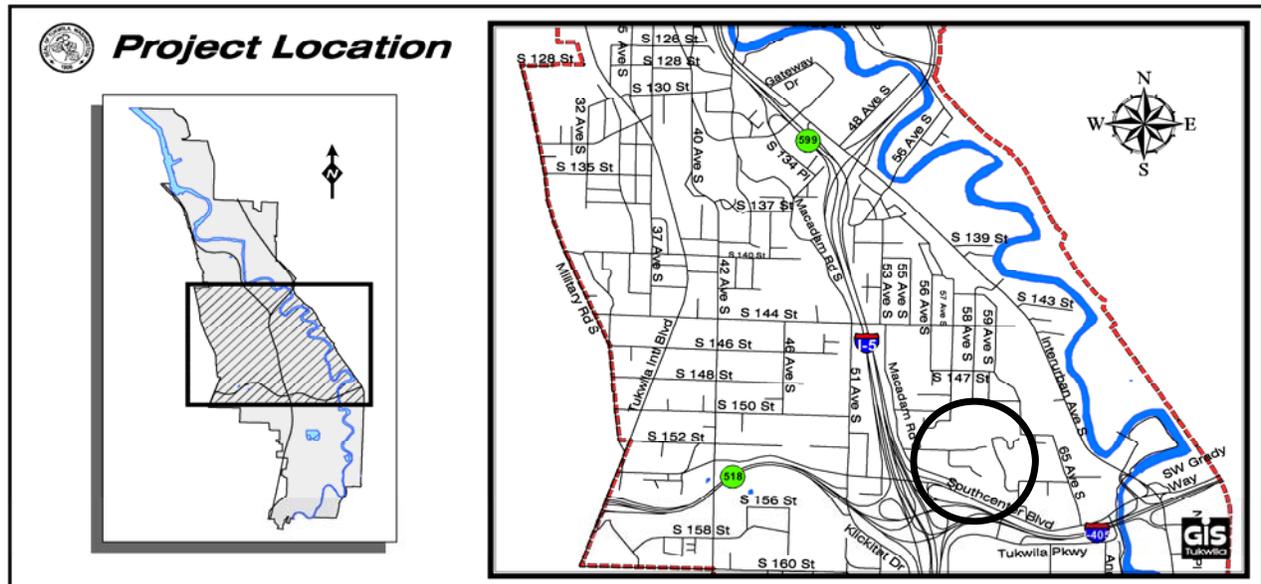
**JUSTIFICATION:** The existing waterline is cast iron and subject to cracking and breaking apart with age.

**STATUS:** New project for the 2017 - 2022 CIP.

**MAINT. IMPACT:** The proposed waterline is required to meet fire flow requirements.

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
EXPENSES										
Design								40		40
Land (R/W)										0
Const. Mgmt.								30		30
Construction								200		200
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270</b>	<b>0</b>	<b>270</b>
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	0	0	0	0	0	0	270	0	270
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>270</b>	<b>0</b>	<b>270</b>





City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
for  
2017 - 2022

**SEWER ENTERPRISE FUND**  
**402.98**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	*Other Sources	After Six Years
80	Annual Sewer Repair Program	200	200	200	200	200	200	1,200	0	200
81	CBD Sanitary Sewer Rehabilitation	1,265	1,265	1,214	0	0	0	3,744	0	0
82	Sewer Lift Station No. 2 Upgrades	765	0	0	0	0	0	765	0	7,100
83	Andover Park East Sewer Replacement	550	0	0	0	0	0	550	0	0
84	53rd Ave S Sewer Rehabilitation	185	0	0	0	0	0	185	0	0
85	GIS Inventory of Sewer System	167	100	50	0	0	0	317	0	500
86	Sewer Repair West of Strander Blvd Bridge	160	0	0	0	0	0	160	0	0
87	Valley View West Hill Sewer Transfer Area	50	0	0	0	0	0	50	0	0
88	Sewer Lift Stations & Generator Upgrades	0	0	10	110	910	10	1,040	0	960
89	Southcenter Blvd Sewer Upgrade	0	0	0	180	0	0	180	0	1,647
90	Sewer Comprehensive Plan	0	0	0	140	140	0	280	0	0
91	Sewer Replacement at 14025 Interurban Ave	0	0	0	75	0	0	75	0	865
92	Future Sewer Lift Station No. 13	0	0	0	0	278	2,520	2,798	0	0
	Abandon Sewer Lift Station No. 9	0	0	0	0	0	0	0	0	1,120
	Sewer Lift Station No. 12	0	0	0	0	0	0	0	0	4,400
	APW Sewer connection to KC Metro	0	0	0	0	0	0	0	0	300
	Sewer Repair at 14438 59th Ave S	0	0	0	0	0	0	0	0	550
	Allentown Phase III - Sewer Revitalization	0	0	0	0	0	0	0	0	1,440
	Ryan Hill - Sewer Revitalization	0	0	0	0	0	0	0	0	1,900
<b>Grand Total</b>		<b>3,342</b>	<b>1,565</b>	<b>1,474</b>	<b>705</b>	<b>1,528</b>	<b>2,730</b>	<b>11,344</b>	<b>0</b>	<b>20,982</b>

\*\* Denotes other funding sources, grants, or mitigation.

Changes from 2015 to 2017 CIP:

Changed name from Poverty Hill Sewer Revitalization to Allentown Phase III - Sewer Revitalization

Changed name from Sewer Lift Stations No. 3 & 4 to Sewer Lift Stations & Generator Upgrades

Project sheets scheduled beyond 2022 can be found in the City's website under Public Works Capital Improvement Program.

**Sewer Lift Station Locations**

Lift Station No. 1 - Master Telemetry Panel	600 Minkler Blvd. - Shops
Lift Station No. 2 - Backup Dialer	1105 Andover Pk W (at Minkler Blvd)
Lift Station No. 3	550 Minkler Blvd
Lift Station No. 4	6790 Todd Blvd - Southcenter South
Lift Station No. 5	6830 Fort Dent Way (entrance to Park)
Lift Station No. 6	6820 Fort Dent Way (only serves Park)
Lift Station No. 7 - Abandoned in 2011	was at 14601 Interurban - replaced by gravity sewer
Lift Station No. 8	13359 56th Ave S - Foster Point (new in 2007)
Lift Station No. 9	12638 Interurban - Suburban Propane
Lift Station No. 10	12218 51st Pl S - Allentown (new in 2007)
Lift Station No. 11	18799 Southcenter Pkwy (new in 2012)
Lift Station No. 12	255 Andover Park W - Key Bank parking lot at mall
Lift Station No. 13	Future - Tukwila Pkwy & Andover Park W

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Annual Sewer Repair Program

Project No. Varies

**DESCRIPTION:** Reduce sewer line infiltration and inflow (I & I) through groundwater intrusion or storm events as a result of damaged deteriorating systems or illicit connections. Include small repairs and capital maintenance.

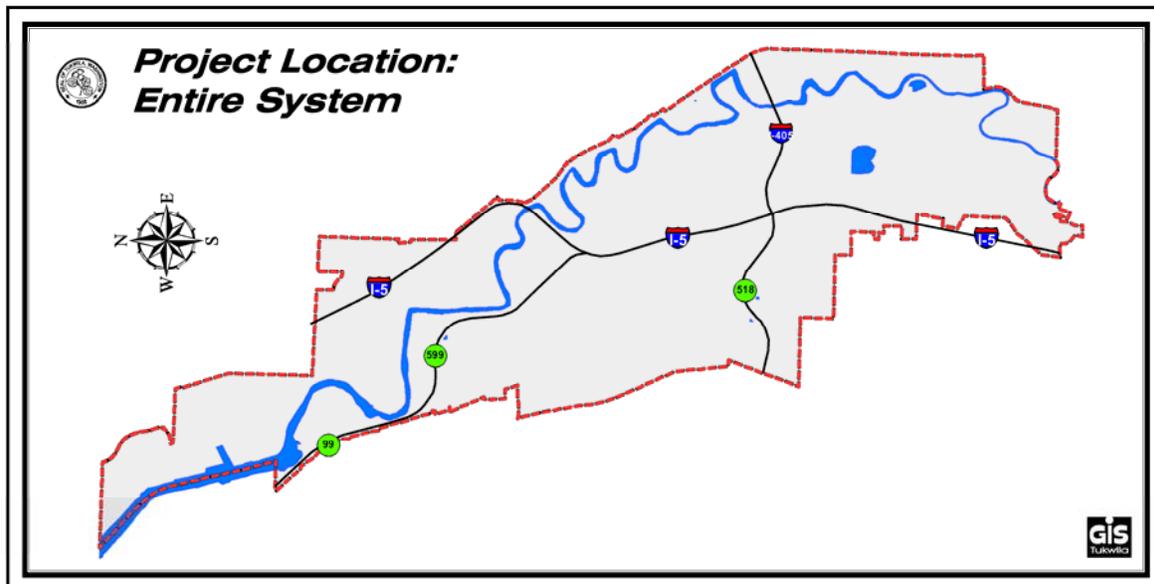
**JUSTIFICATION:** Decrease treatment, discharge, and pumping costs.

**STATUS:** Annual program is determined after pipeline TV inspection reports are completed.

**MAINT. IMPACT:** Less maintenance costs through rehabilitation of aging system.

**COMMENT:** Ongoing project, only one year actuals shown in first column.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	10									10
Land (R/W)										0
Const. Mgmt.	1									1
Construction	22	159	200	200	200	200	200	200	200	1,581
<b>TOTAL EXPENSES</b>	<b>33</b>	<b>159</b>	<b>200</b>	<b>1,592</b>						
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	33	159	200	200	200	200	200	200	200	1,592
<b>TOTAL SOURCES</b>	<b>33</b>	<b>159</b>	<b>200</b>	<b>1,592</b>						



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** CBD Sanitary Sewer Rehabilitation

Project No. 91140203

**DESCRIPTION:** The asbestos concrete pipe in the CBD (commercial business district) is approximately 45 years old and becoming soft. Slip lining the pipe will reinforce the strength with little impact to roadways and minimal excavation.

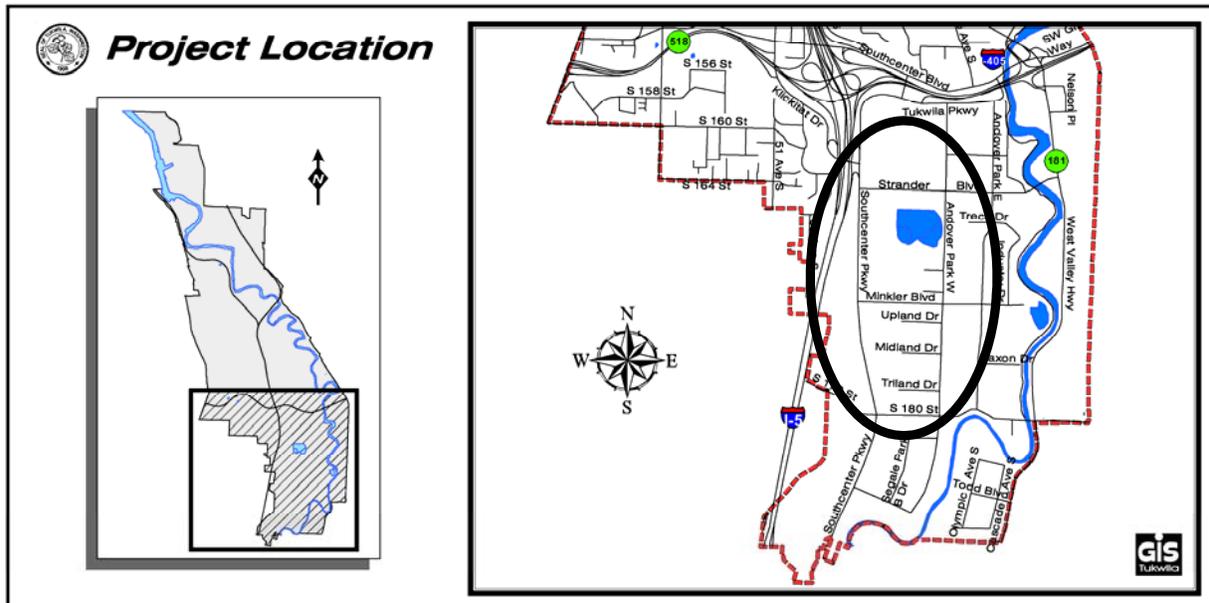
**JUSTIFICATION:** If the pipe collapses, the street will have to be excavated and the cost of the repairs will be significant. In the last five years we have had four major pipe failures on Andover Park West and Andover Park East.

**STATUS:** In 2014 and 2015, over 10,500 feet of asbestos sanitary sewer pipe were relined. In 2016 through 2018, 20,000 feet of asbestos sewer is scheduled to be relined.

**MAINT. IMPACT:** Reduced maintenance and repair costs.

**COMMENT:** A Public Works Trust Fund loan was successfully obtained in 2012 for \$750k.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	323	37	45	45	45					495
Land (R/W)	1									1
Const. Mgmt.	112	85	120	120	120					557
Construction	736	1,540	1,100	1,100	1,049					5,525
<b>TOTAL EXPENSES</b>	<b>1,172</b>	<b>1,662</b>	<b>1,265</b>	<b>1,265</b>	<b>1,214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,578</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
PW Trust Fund	750									750
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	422	1,662	1,265	1,265	1,214	0	0	0	0	5,828
<b>TOTAL SOURCES</b>	<b>1,172</b>	<b>1,662</b>	<b>1,265</b>	<b>1,265</b>	<b>1,214</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,578</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Sewer Lift Station No. 2 Upgrades

Project No. 90440205

**DESCRIPTION:** Install new pumps, motors, control system, backup generator and 2,700 LF of force main from Minkler Blvd. to Strander Blvd.

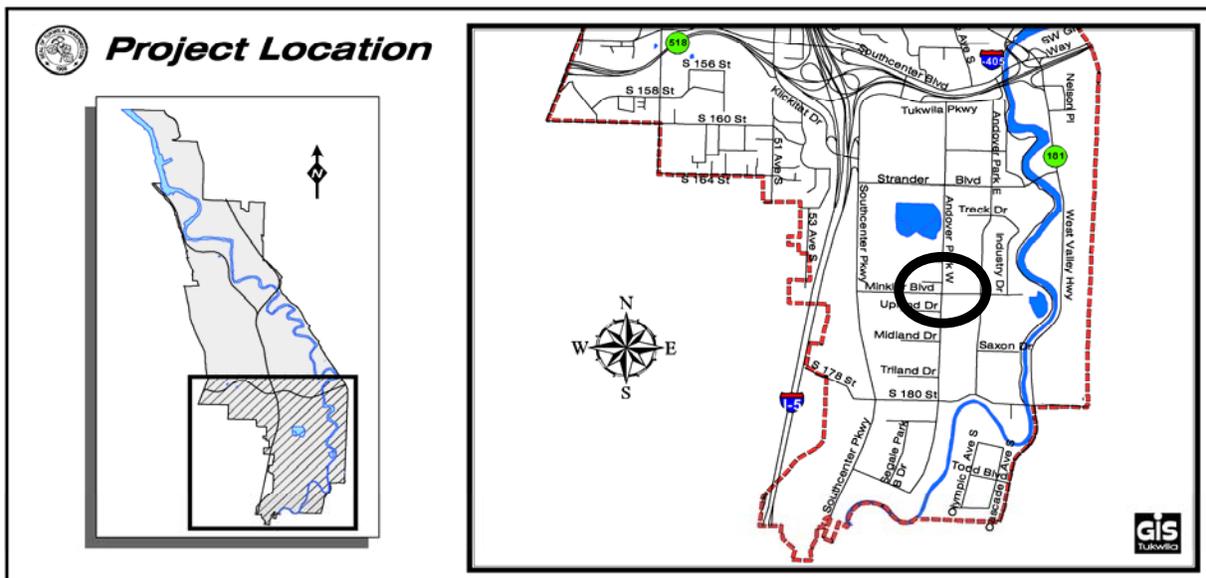
**JUSTIFICATION:** The lift station upgrade will be required upon full development of Tukwila South.

**STATUS:** Sewer lines installed in 2010 with Southcenter Pkwy Extension roadway project. Easement in 2016, generator replacement, concrete slab, and replacement of pump's motor control system are scheduled in 2017.

**MAINT. IMPACT:** Reduce liability if the existing slab breaks the power connection.

**COMMENT:** See Tukwila South development agreement for funding and ULID requirements.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	75	16								100	191
Land (R/W)		15									15
Const. Mgmt.			115							1,000	1,115
Construction	35		650							6,000	6,685
<b>TOTAL EXPENSES</b>	<b>110</b>	<b>31</b>	<b>765</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,100</b>	<b>8,006</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Bond/ULID										7,100	7,100
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	110	31	765	0	0	0	0	0	0	0	906
<b>TOTAL SOURCES</b>	<b>110</b>	<b>31</b>	<b>765</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,100</b>	<b>8,006</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Andover Park East Sewer Replacement

Project No. 91440204

**DESCRIPTION:** Design and construct 1,600 LF of 15" and 12" sanitary sewer from Strander Blvd. to 1-405 in Andover Park E.

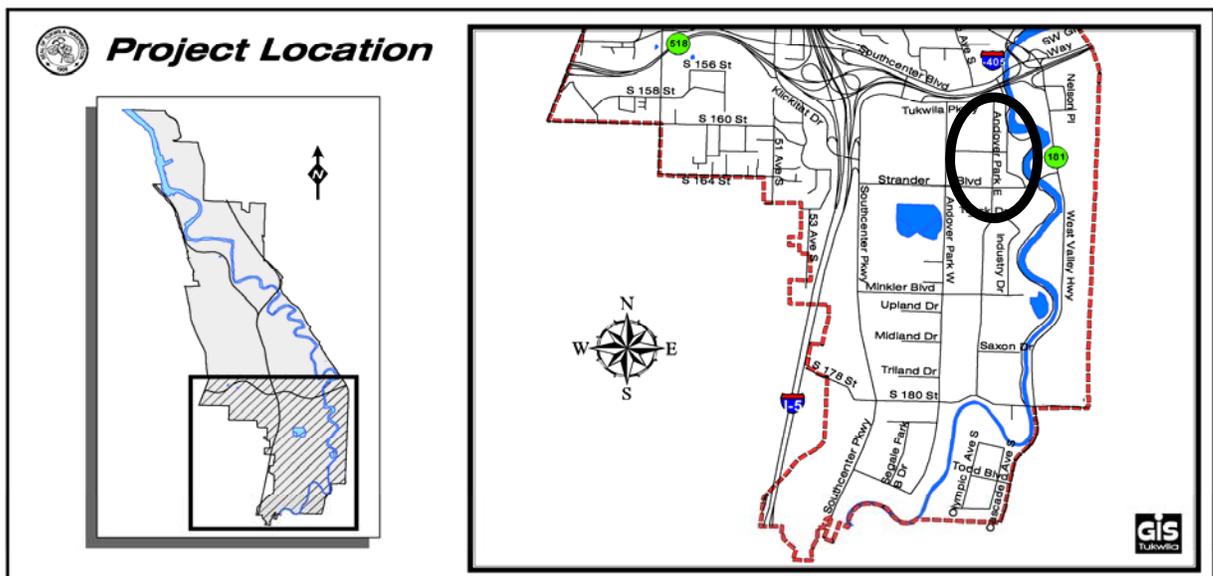
**JUSTIFICATION:** Sewer improvement will provide additional capacity for future development along Andover Park East.

**STATUS:** Project will overlay Andover Park East from Strander Blvd to I-405 in 2017.

**MAINT. IMPACT:**

**COMMENT:** Construction is scheduled for 2016 from Strander Blvd to Tukwila Parkway. Mitigation is from Washington Place for the increased sewer capacity needed for the size of the development.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	47	43									90
Land (R/W)											0
Const. Mgmt.		206	50								256
Construction		1,626	500								2,126
<b>TOTAL EXPENSES</b>	<b>47</b>	<b>1,875</b>	<b>550</b>	<b>0</b>	<b>2,472</b>						
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed PWTF/Bond											0
Mitigation Actual											0
Mitigation Expected		290									290
Utility Revenue	47	1,585	550	0	0	0	0	0	0	0	2,182
<b>TOTAL SOURCES</b>	<b>47</b>	<b>1,875</b>	<b>550</b>	<b>0</b>	<b>2,472</b>						



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 53rd Ave S Sewer Rehabilitation

Project No. 99110301

**DESCRIPTION:** Rehabilitation of 2,100 LF +/- of sanitary sewer that was installed in 1972 in 53rd Ave S from S 137th St to S 144th St. Coordinate with Street, Water, and Surface Water improvements.

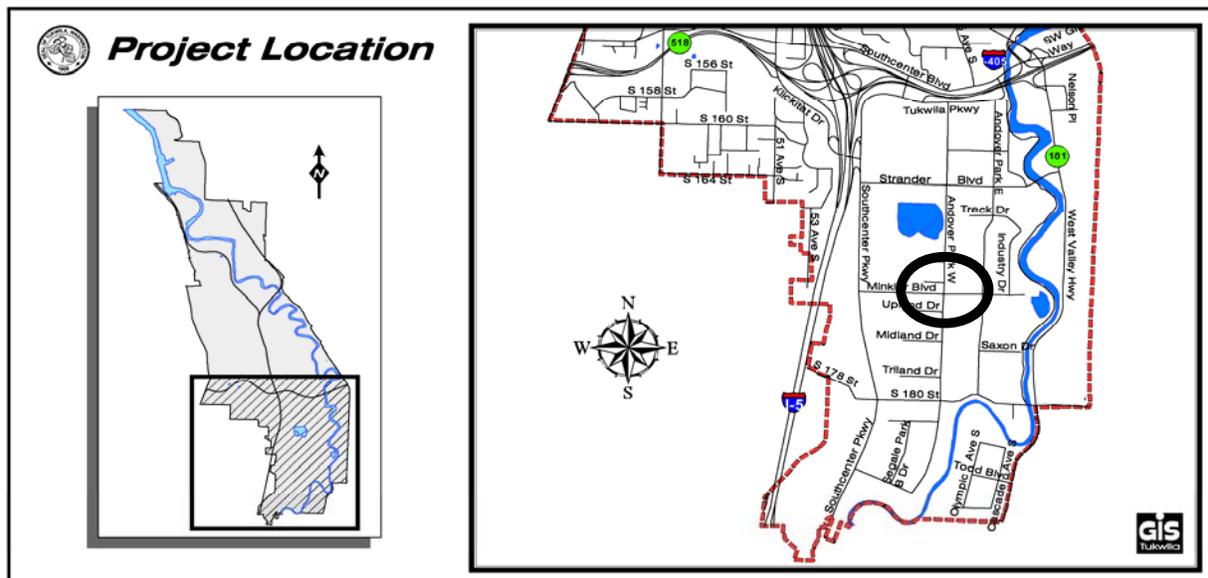
**JUSTIFICATION:** The rehabilitation of the sanitary sewer will reduce the need to disturb the new roadway.

**STATUS:** Current analysis shows that the sewer will just need to be relined at a significant cost savings.

**MAINT. IMPACT:** Expected to decrease maintenance.

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	3	22	10								35
Land (R/W)											0
Const. Mgmt.			25								25
Construction			150								150
<b>TOTAL EXPENSES</b>	<b>3</b>	<b>22</b>	<b>185</b>	<b>0</b>	<b>210</b>						
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Bond/ULID											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	3	22	185	0	0	0	0	0	0	0	210
<b>TOTAL SOURCES</b>	<b>3</b>	<b>22</b>	<b>185</b>	<b>0</b>	<b>210</b>						



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** GIS Inventory of Sewer System

Project No. 80540202

**DESCRIPTION:** GIS (Geographic Information Systems) provides current as-built data for the sanitary sewer system in the Central Business District. This project will expand the as-built database for Tukwila's entire sewer system.

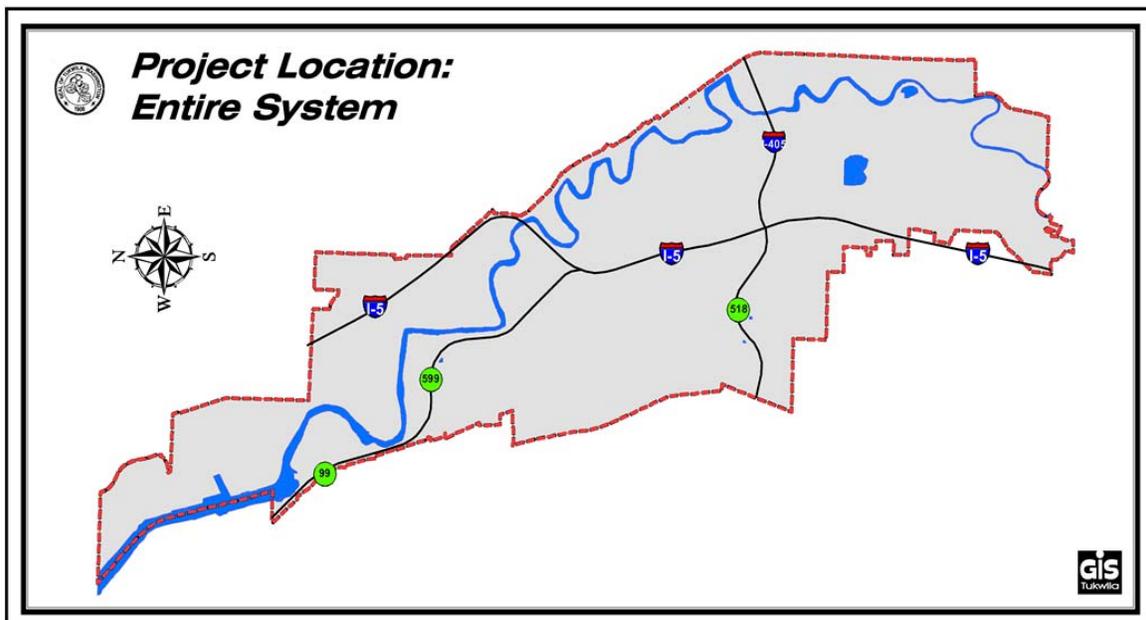
**JUSTIFICATION:** GIS mapping of the sewers will provide information that is easily addressable by City staff and the public. With the GIS data, the City will be able to develop an asset management plan to determine the sewer assets that need to be upgraded or replaced.

**STATUS:** In 2007, the Commercial Business District (CBD) was surveyed for GIS mapping. Full data collection should be completed by 2019. Combined Asset Management System in 2017.

**MAINT. IMPACT:** The survey will provide staff with up-to-date information on the location of manholes for the sanitary sewers.

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	105	50	167	100	50				500	972
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>105</b>	<b>50</b>	<b>167</b>	<b>100</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>972</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	105	50	167	100	50	0	0	0	500	972
<b>TOTAL SOURCES</b>	<b>105</b>	<b>50</b>	<b>167</b>	<b>100</b>	<b>50</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500</b>	<b>972</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Sewer Repair West of Strander Blvd Bridge

Project No. 90840203

**DESCRIPTION:** Repair cracked sewer line west of Strander Blvd bridge.

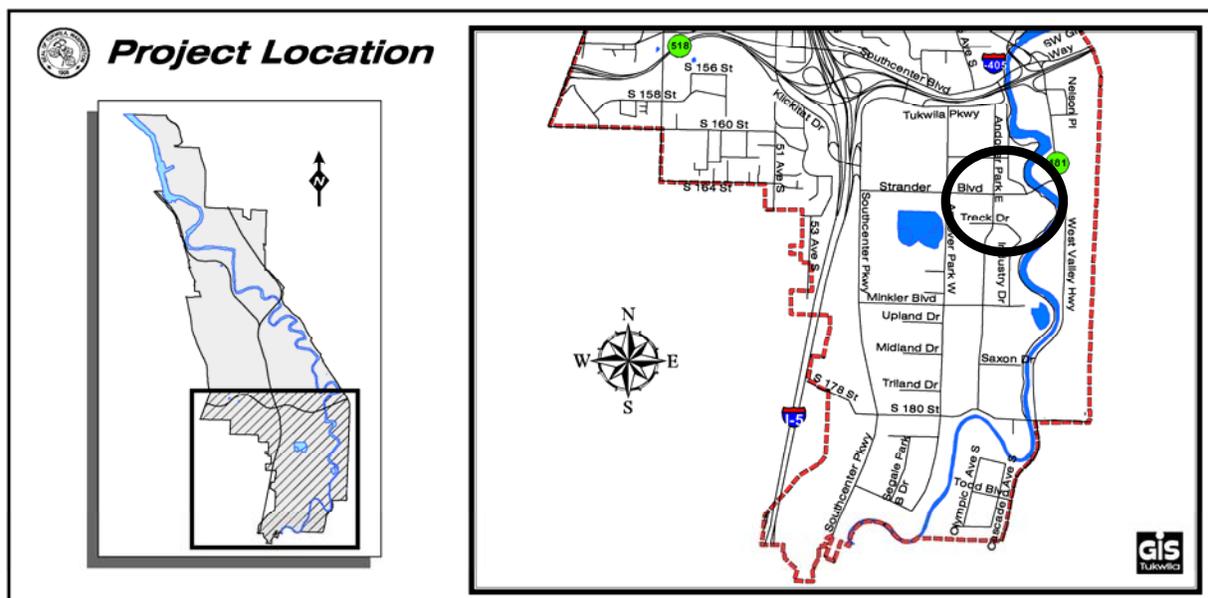
**JUSTIFICATION:** If the sewer line collapses, the sewer will back up, causing property damage.

**STATUS:** Line was damaged during installation of storm drain in 2004.

**MAINT. IMPACT:**

**COMMENT:** Project will require dewatering due to the depth of 25 ft, soils, and the proximity to the Green River.

FINANCIAL (in \$000's)	Through		Estimated								
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL	
EXPENSES											
Design	2		20							22	
Land (R/W)										0	
Const. Mgmt.			20							20	
Construction			120							120	
<b>TOTAL EXPENSES</b>	<b>2</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	
FUND SOURCES											
Awarded Grant										0	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	2	0	160	0	0	0	0	0	0	162	
<b>TOTAL SOURCES</b>	<b>2</b>	<b>0</b>	<b>160</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>162</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Valley View West Hill Sewer Transfer Area

Project No. 81240203

**DESCRIPTION:** The transfer of City of Tukwila service area to the Valley View Sewer District near 52nd Ave S.

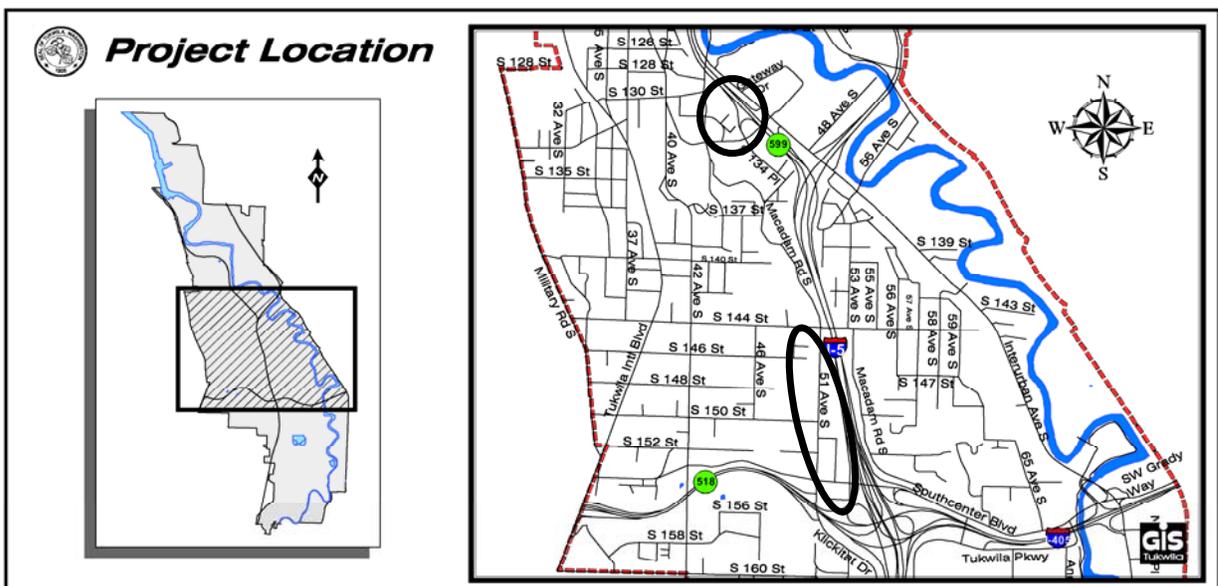
**JUSTIFICATION:** The City of Tukwila has no assets in this area and Valley View Sewer District can better serve this portion of the City due to existing topography.

**STATUS:** The West Hill area includes 52nd Ave S & S 152nd St, S 151st St, and S 154th St in the Fostoria area near Macadam Rd and S 134th St.

**MAINT. IMPACT:**

**COMMENT:** This project will clarify the service boundary issues with the Valley View Sewer District.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	2		50								52
Land (R/W)											0
Const. Mgmt.											0
Construction											0
<b>TOTAL EXPENSES</b>	<b>2</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>52</b>						
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	2	0	50	0	0	0	0	0	0	0	52
<b>TOTAL SOURCES</b>	<b>2</b>	<b>0</b>	<b>50</b>	<b>0</b>	<b>52</b>						



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Sewer Lift Stations & Generator Upgrades

Project No. 90440206

**DESCRIPTION:** This funding will be used to replace/upgrade the seven sewer lift stations and backup generators in phases.

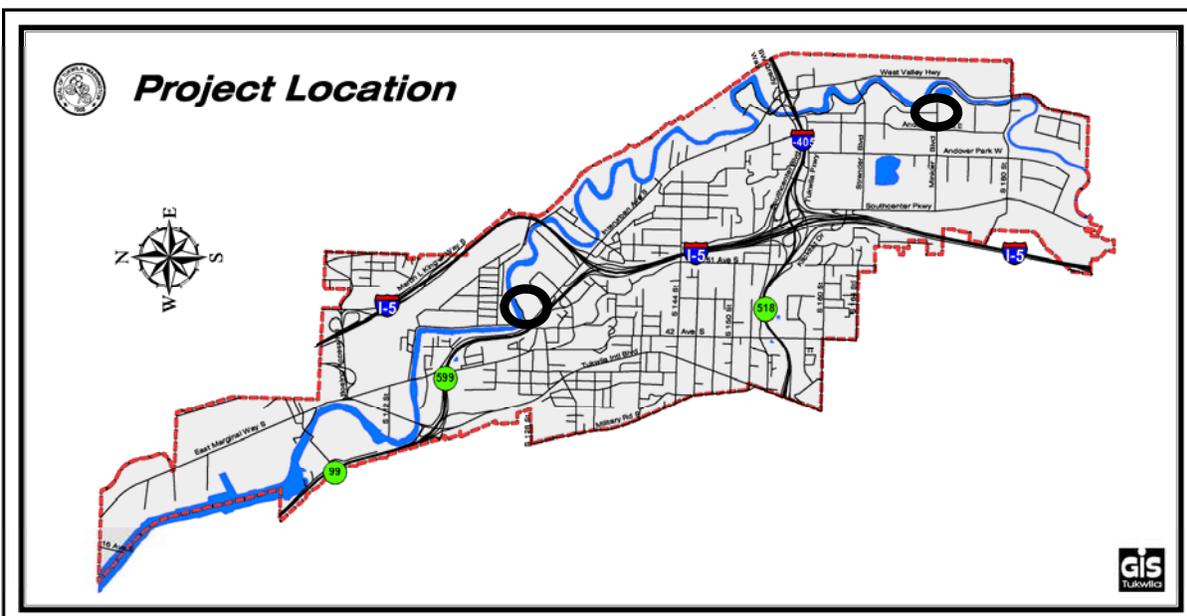
**JUSTIFICATION:** Aging system requires the replacement of motors, pumps, and controls at older lift stations to reduce maintenance. Generators have a lifespan of 15 years and need to be replaced more frequently than pumps.

**STATUS:** Sewer Lift Stations No. 3 & 4 are at the end of their life cycles and need to be rebuilt with backup generators and are scheduled for 2020/21. Lift Station No. 5 is in beyond.

**MAINT. IMPACT:** New pumps will reduce the liability of the existing pumps failing.

**COMMENT:** Additional right-of-way or property will be required for the new backup generators to be installed.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
EXPENSES											
Design						100				150	250
Generators					10	10	10	10		10	50
Const. Mgmt.							100			100	200
Construction							800			700	1,500
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>110</b>	<b>910</b>	<b>10</b>	<b>960</b>	<b>2,000</b>	
FUND SOURCES											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	0	0	0	0	10	110	910	10	960	2,000	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>110</b>	<b>910</b>	<b>10</b>	<b>960</b>	<b>2,000</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Southcenter Blvd Sewer Upgrade

Project No. 99840202

**DESCRIPTION:** Upgrade 3,200 LF of 8" to a larger capacity 12" system from Macadam Rd to the I-405 undercrossing on Southcenter Blvd.

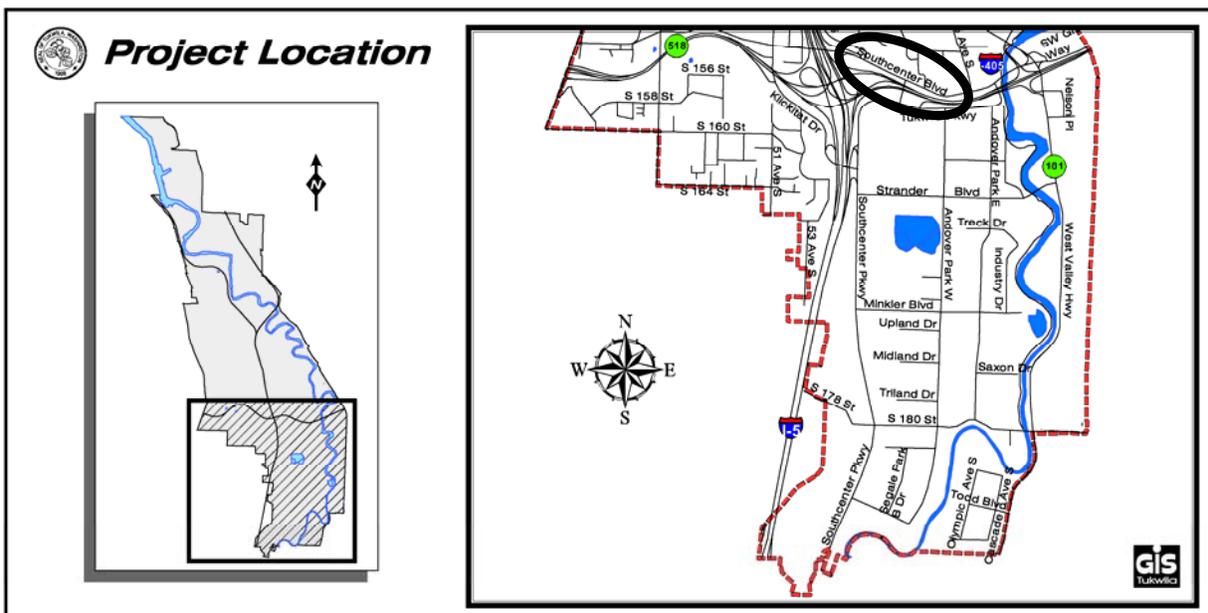
**JUSTIFICATION:** Flows have greatly increased with additional connections to the basin from the North Hill apartment buildings causing the system to be deficient in terms of capacity for peak discharges.

**STATUS:**

**MAINT. IMPACT:** Improved service would reduce maintenance liability.

**COMMENT:** Coordinate with I-405 improvements to Southcenter Blvd and Future Lift Station No. 13.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design						180					180
Land (R/W)											0
Const. Mgmt.										207	207
Construction										1,440	1,440
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,647</b>	<b>1,827</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Bond/PWTF Loan										1,380	1,380
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	0	0	0	0	0	180	0	0	267	447	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>180</b>	<b>0</b>	<b>0</b>	<b>1,647</b>	<b>1,827</b>	



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Sewer Comprehensive Plan

Project No. 91040202

**DESCRIPTION:** Prepare new Sewer Comprehensive Plan incorporating any new or regulatory Growth Management Act Comprehensive Plan issues related to sewer.

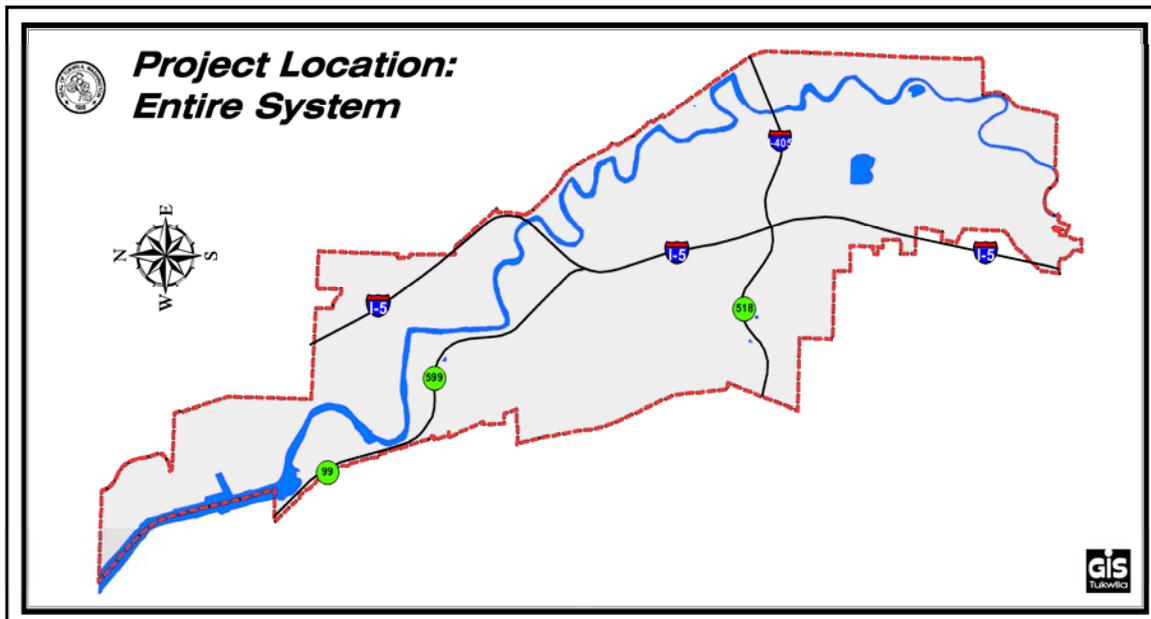
**JUSTIFICATION:** Sewer Comprehensive Plan needs to be consistent with City Comprehensive Plan, Department of Ecology and Department of Health. Update is required every 6 years.

**STATUS:** 2013 Sewer update was adopted by Council on 6/2/14. Next update is scheduled for 2020.

**MAINT. IMPACT:**

**COMMENT:**

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	158					140	140			438
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>438</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	158	0	0	0	0	140	140	0	0	438
<b>TOTAL SOURCES</b>	<b>158</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>140</b>	<b>140</b>	<b>0</b>	<b>0</b>	<b>438</b>





# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Future Sewer Lift Station No. 13** Project No. 99740205

**DESCRIPTION:** Due to utility conflicts with existing utilities, a new sewer lift station will be required near 65th Ave S and Southcenter Blvd. A gravity sewer main is not possible under I-405.

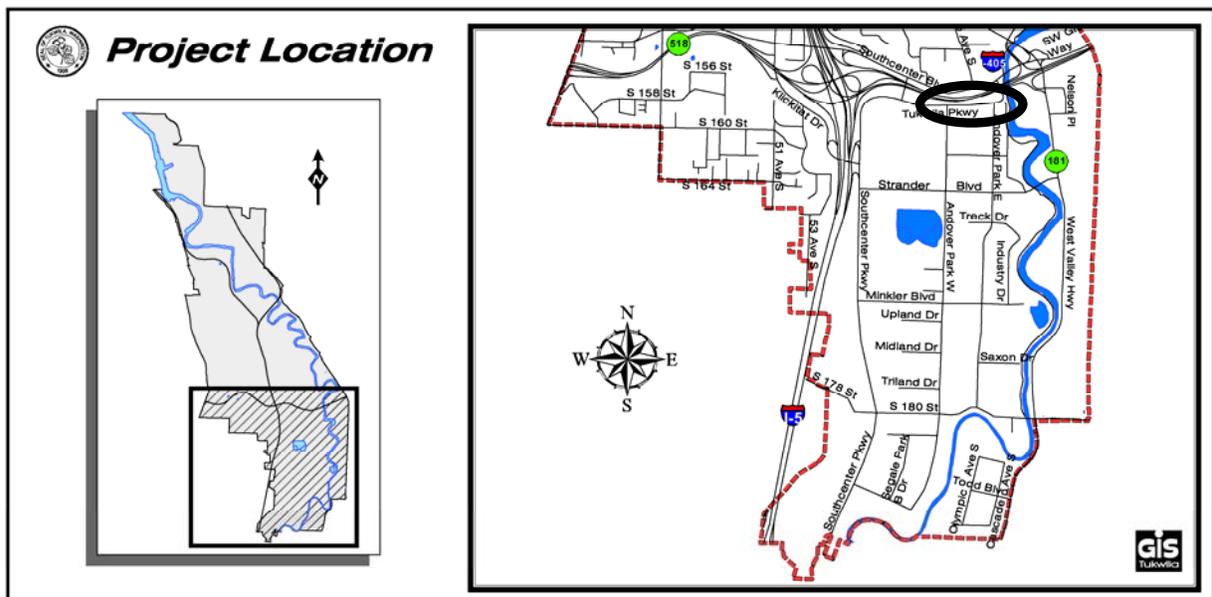
**JUSTIFICATION:** Existing line is undersized and has a severe sag. Increased development on the North Hill exacerbates the deficiency.

**STATUS:** Design will be coordinated with WSDOT and Seattle Public Utilities.

**MAINT. IMPACT:** Less flushing maintenance to clear debris from sag and from the improved HOV manhole alignment.

**COMMENT:** Other alternatives are being reviewed due to WSDOT requirements. Formerly known as Gravity Sewer under I-405 to Tukwila Parkway.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	77							278			355
Land (R/W)											0
Const. Mgmt.									320		320
Construction									2,200		2,200
<b>TOTAL EXPENSES</b>	<b>77</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>278</b>	<b>2,520</b>	<b>0</b>	<b>2,875</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Bond											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	77	0	0	0	0	0	0	278	2,520	0	2,875
<b>TOTAL SOURCES</b>	<b>77</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>278</b>	<b>2,520</b>	<b>0</b>	<b>2,875</b>



City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**SURFACE WATER**  
**412 Fund**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources	After Six Years
94	Annual Small Drainage Program	710	710	710	710	710	709	4,259	0	713
95	Storm Water Quality Retrofit Program	110	110	110	110	110	110	660	0	110
96	NPDES Program	50	50	50	50	50	50	300	100	50
97	WRIA 9 Watershed Planning	12	12	12	12	12	12	72	72	12
98	Gilliam Creek 42 Ave S Surface Water Culvert	1,035	115	0	0	0	0	1,150	0	0
99	Chinook Wind	665	15	5,515	10	10	10	6,225	6,050	0
100	Tukwila 205 Levee Certification	447	1,360	4,600	0	0	0	6,407	5,808	0
101	East Marginal Wy S Stormwater Outfalls	365	1,111	0	0	0	0	1,476	920	0
102	53rd Ave S Surface Water Drainage	360	360	0	0	0	0	720	342	0
103	Soils Reclamation Facility	300	0	0	0	0	0	300	0	1,375
104	Nelson Side Channel	200	0	0	0	0	0	200	150	0
105	Green the Green	115	20	115	20	115	20	405	270	115
106	Riverton Creek Flap Gate Removal	90	750	0	0	0	0	840	550	0
107	Surface Water GIS Inventory	67	100	0	150	0	0	317	0	0
108	Gilliam Creek Fish Barrier Removal	40	150	0	0	0	0	190	130	745
109	S 131st PI Drainage Improvements	0	100	690	0	0	0	790	0	0
110	Northwest Gilliam Storm Drainage System	0	0	100	840	0	0	940	0	0
111	Surface Water Comprehensive Plan	0	0	0	175	0	0	175	0	0
112	S 146th St Pipe & 35th Ave S Drainage	0	0	0	0	166	716	882	0	0
	Tukwila Pkwy/Gilliam Creek Outfalls	0	0	0	0	0	0	0	0	230
	S 143rd Street Storm Drainage System	0	0	0	0	0	0	0	0	1,096
	Nelsen PI/Longacres Surface Water Phase II	0	0	0	0	0	0	0	0	345
	Duwamish Rvr/bk Stabilization at S 104th St	0	0	0	0	0	0	0	0	595
	TUC Surface Water Conveyance	0	0	0	0	0	0	0	0	541
<b>Grand Total</b>		<b>4,566</b>	<b>4,963</b>	<b>11,902</b>	<b>2,077</b>	<b>1,173</b>	<b>1,627</b>	<b>26,308</b>	<b>14,392</b>	<b>5,927</b>

\*\* Denotes other funding sources, grants, or mitigation.

Changes from 2015 to 2017 CIP:

New:

- 97 WRIA 9 Watershed Planning, moved from Parks to 412 Surface Water
- 104 Nelson Side Channel, moved from Parks to 412 Surface Water
- 105 Green the Green
- 109 S 131st PI Drainage Improvements

Project sheets scheduled beyond 2022  
 can be found in the City's website under  
 Public Works Capital Improvement Program.

Deletions:

EMW S Storm Pipe Replacement, Completed in 2016

**Surface Water Lift Station Locations**

Storm Lift Station No. 15	5910 S 180th St - Mizuki Grill
Storm Lift Station No. 16	7420 S 180th St (underpass)
Storm Lift Station No. 17	530 Strander Blvd - Bicentennial Park
Storm Lift Station No. 18	4225 S 122nd St - Allentown
Storm Lift Station No. 19	Fort Dent Park (Parks Dept.)

## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Annual Small Drainage Program

Project No. 9XX41201

**DESCRIPTION:** Select, design, and construct small drainage projects throughout the City.

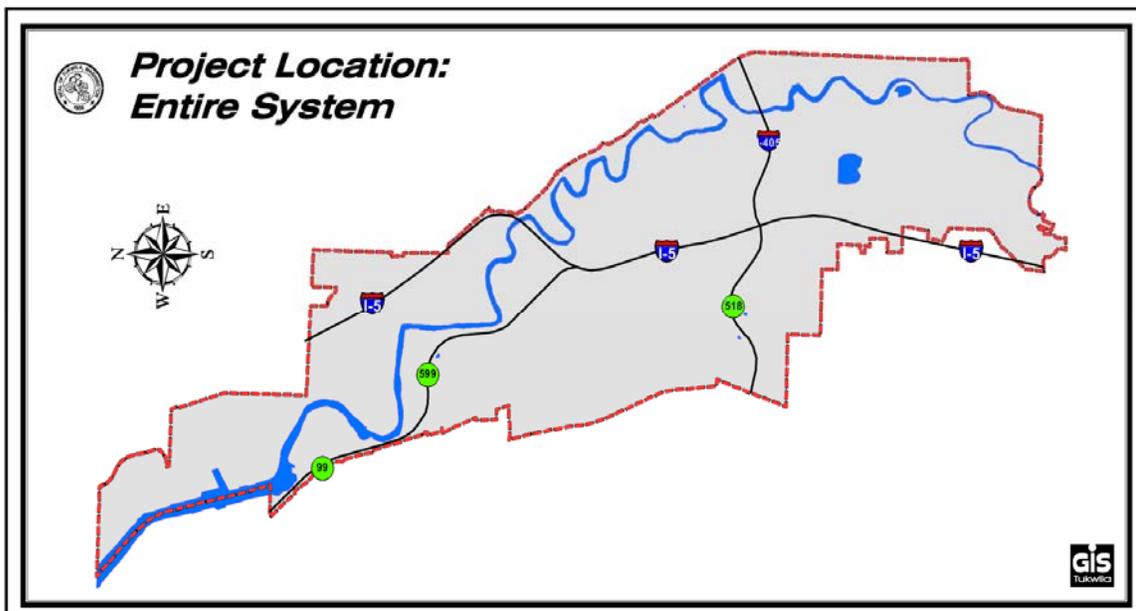
**JUSTIFICATION:** Provide drainage corrections for existing/ongoing drainage problems throughout the City, including culvert replacements, drain extensions, and pavement upgrades.

**STATUS:** Projects for this annual program are taken from Small Drainage Project List.

**MAINT. IMPACT:** Reduces maintenance.

**COMMENT:** Ongoing project, only one year shown in first column. Construction expenses may occur over two calendar years.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
EXPENSES										
Design	74	80	80	80	80	80	80	80	80	714
Streamgages/Monitor	10	10	35	35	36	36	36	36	40	274
Const. Mgmt.	62	80	80	80	80	80	80	80	80	702
Construction	255	515	515	515	514	514	514	513	513	4,368
<b>TOTAL EXPENSES</b>	<b>401</b>	<b>685</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>709</b>	<b>713</b>	<b>6,058</b>
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	401	685	710	710	710	710	710	709	713	6,058
<b>TOTAL SOURCES</b>	<b>401</b>	<b>685</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>710</b>	<b>709</b>	<b>713</b>	<b>6,058</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Storm Water Quality Retrofit Program

Project No. 91241202

**DESCRIPTION:** Design and install water quality improvements at selected drainage locations throughout the City.

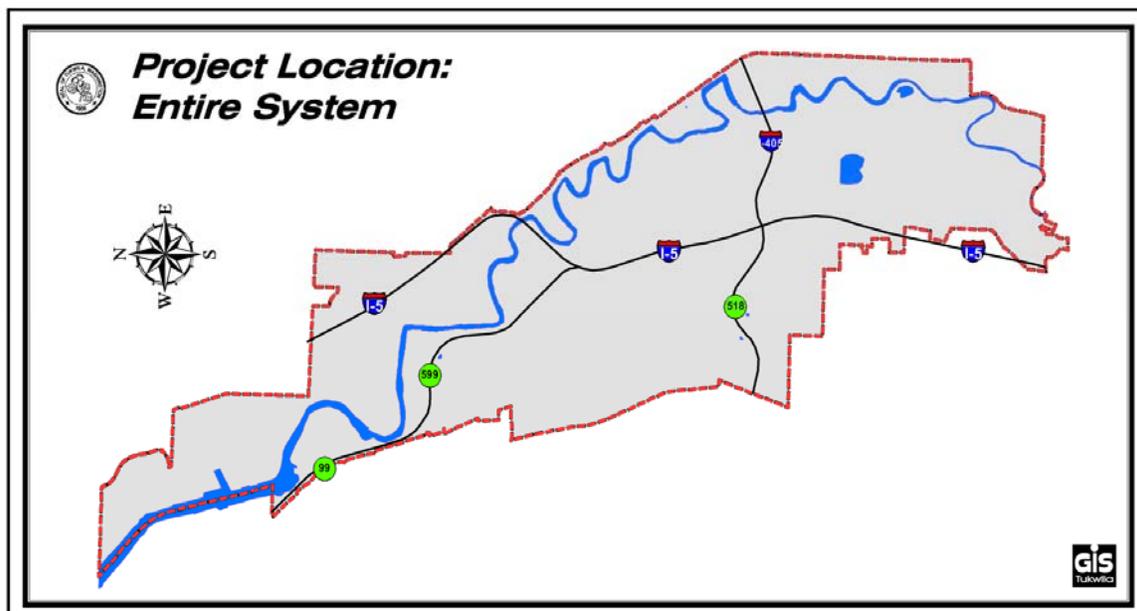
**JUSTIFICATION:** Most surface water is discharged directly to receiving water bodies untreated.

**STATUS:** Additional water quality is being added to Interurban Ave S in 2015 and 53rd Ave S in 2017.

**MAINT. IMPACT:** Expected to increase maintenance.

**COMMENT:** Combine with other CIP projects for design and construction, where feasible.

FINANCIAL (in \$000's)	Through Estimated									
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	9	15	15	15	15	15	15	15	15	129
Land (R/W)										0
Const. Mgmt.		15	15	15	15	15	15	15	15	120
Construction		80	80	80	80	80	80	80	80	640
<b>TOTAL EXPENSES</b>	<b>9</b>	<b>110</b>	<b>889</b>							
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	9	110	110	110	110	110	110	110	110	889
<b>TOTAL SOURCES</b>	<b>9</b>	<b>110</b>	<b>889</b>							



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** NPDES Program

Project No. 99341210

**DESCRIPTION:** Provide programmatic implementation requirements of NPDES. The Master Drainage Program specifies a NPDES reporting and action plan for City compliance. The services/supplies funds will also include any illicit discharge (spill cleanup) costs that may occur in the City's right-of-way.

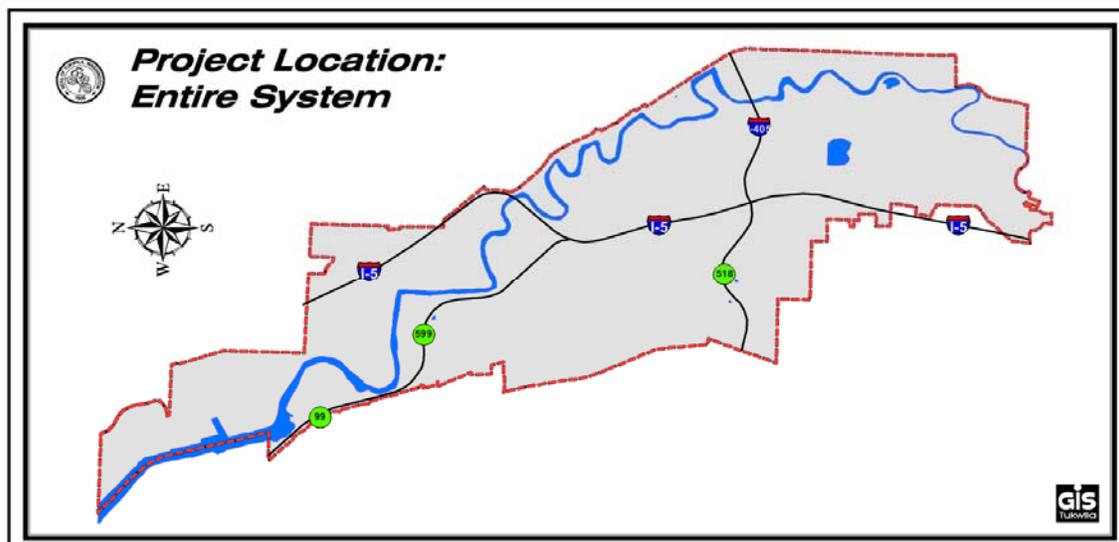
**JUSTIFICATION:** State NPDES requirements include an annual report, public education and outreach, illicit discharge detection and illumination, approved technical standards, staff training, inspections of public and private systems, and drainage system maps.

**STATUS:** All current NPDES requirements have been implemented. LID Gap Analysis in 2016.

**MAINT. IMPACT:** Additional cleaning and documentation will require added staff resources.

**COMMENT:** National Pollutant Discharge Elimination System (NPDES). Additional NPDES requirements will be ongoing. Costs shown include emergency supplies, testing equipment, DOE testing, and annual public outreach surveys.

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	712	58									770
Services/Supplies	276	50	50	50	50	50	50	50	50	50	676
Const. Mgmt.											0
Construction	12										12
<b>TOTAL EXPENSES</b>	<b>1,000</b>	<b>108</b>	<b>50</b>	<b>1,458</b>							
<b>FUND SOURCES</b>											
Awarded Grant	125	50									175
Proposed Grant				50		50					100
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	875	58	50	0	50	0	50	50	50	50	1,183
<b>TOTAL SOURCES</b>	<b>1,000</b>	<b>108</b>	<b>50</b>	<b>1,458</b>							



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** WRIA 9 Watershed Planning

Project No. 91641205

**DESCRIPTION:** City participation in an Interlocal Agreement with WRIA 9 jurisdictions and administered by King County.

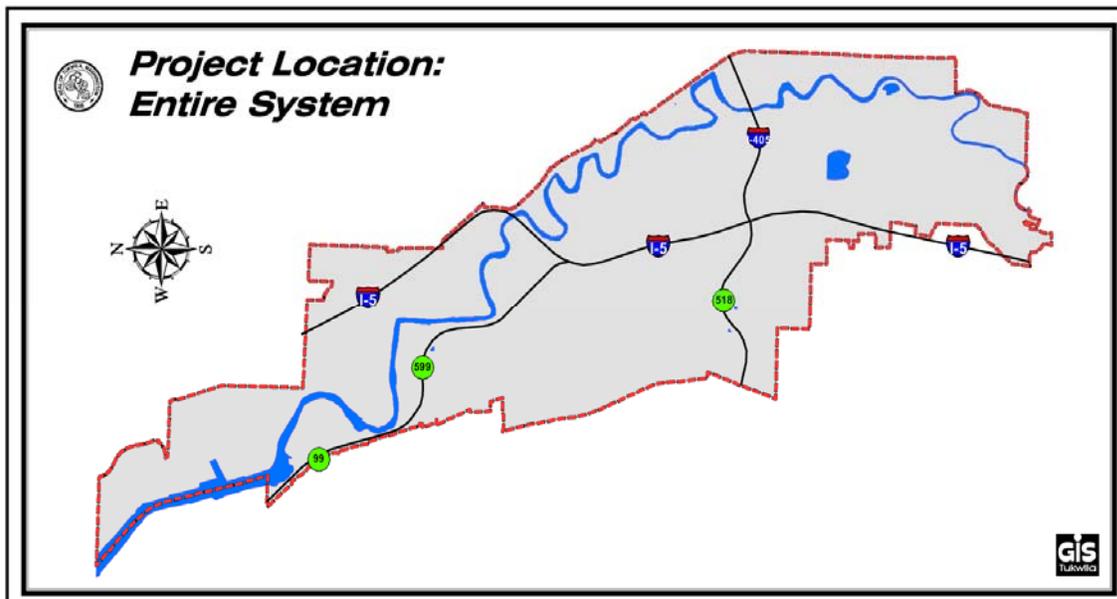
**JUSTIFICATION:** Endangered Species Act (ESA) related project. Services provided by King County Dept. of Natural Resources (KCDNRP) under an Interlocal agreement between participating jurisdictions in Water Resource Inventory Area 9 (WRIA 9) and King County. City's contribution is \$12,448 per year.

**STATUS:** Interlocal Agreement has been adopted by all cities with an extension through 2025.

**MAINT. IMPACT:** Policies and recommendations will impact maintenance.

**COMMENT:** Ongoing project, only one year actuals are shown in the first column. City parcels are assessed King Conservation District fees directly on their property taxes, approximately \$24,000 each year for the City.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	12	12	12	12	12	12	12	12	12	108
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>108</b>
<b>FUND SOURCES</b>										
King Conservation District			12	12	12	12	12	12	12	84
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	12	12	0	0	0	0	0	0	0	24
<b>TOTAL SOURCES</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>12</b>	<b>108</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Gilliam Creek 42 Ave S Surface Water Culvert

Project No. 99410303  
99341208

**DESCRIPTION:** Design and replace the 36-inch surface water culvert under 42 Ave S/Gilliam Creek. Combining this project with the Residential Street Project 42nd Ave S Phase III.

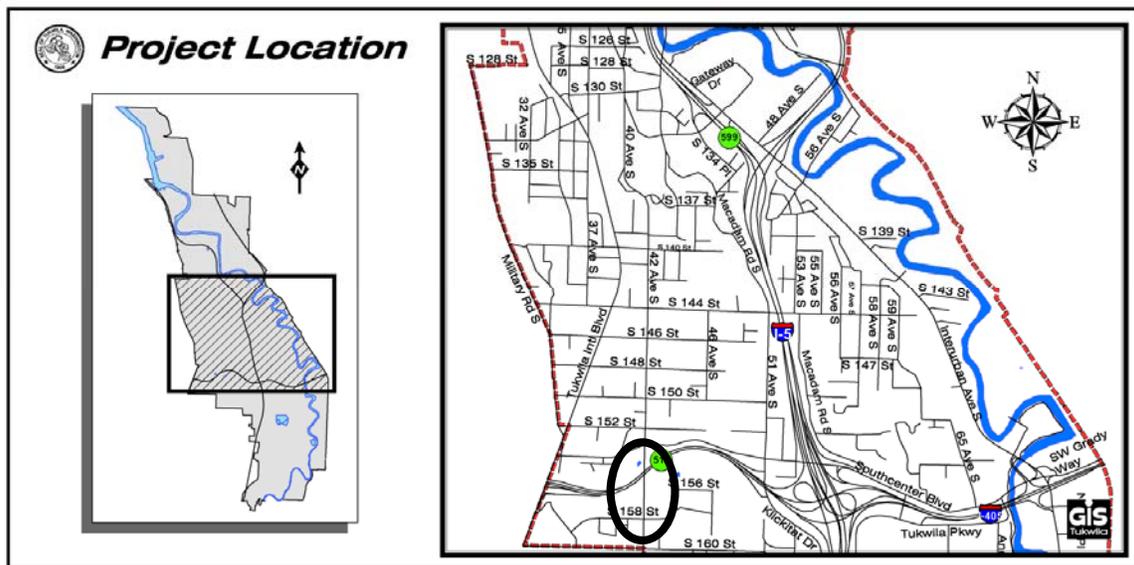
**JUSTIFICATION:** The existing concrete pipe sections are separating and cracked which could erode the 42 Ave S fill and lead to loss of roadway.

**STATUS:** Project is currently under design with construction scheduled to begin in 2017.

**MAINT. IMPACT:** Expected to decrease maintenance.

**COMMENT:** State Fish & Wildlife hydraulic project approved (HPA) permit will be required. Replacement will require a fish passable structure.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design	144	31								175
Land (R/W)										0
Const. Mgmt.			135	15						150
Construction	8		900	100						1,008
<b>TOTAL EXPENSES</b>	<b>152</b>	<b>31</b>	<b>1,035</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,333</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	152	31	1,035	115	0	0	0	0	0	1,333
<b>TOTAL SOURCES</b>	<b>152</b>	<b>31</b>	<b>1,035</b>	<b>115</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,333</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Chinook Wind

Project No. 91441202

**DESCRIPTION:** Purchase and restore site as a salmon estuary and passive park.

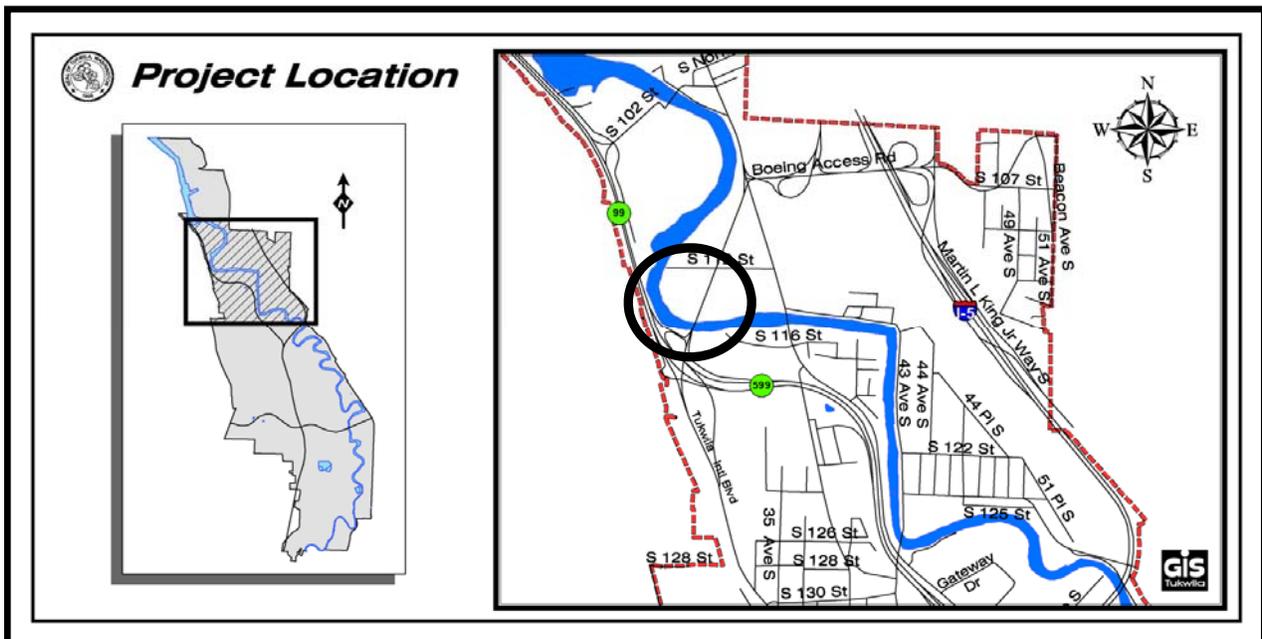
**JUSTIFICATION:** The WRIA 9 Salmon Recovery Plan recommends creating 20-acres of off-channel habitat within the Duwamish Transition Zone and lists this section of the river as critical habitat for salmon recovery within the Green/Duwamish Watershed.

**STATUS:** Property purchased and site cleared by King County in 2015 using King Conservation Futures and King County Mitigation Bank. Site scheduled to be turned over to Tukwila in late 2016/early 2017.

**MAINT. IMPACT:** Passive park will require additional maintenance. RCO requires 10 years of monitoring period.

**COMMENT:** Site may be developed by King County. Proposed grant funding for construction is from the KC Mitigation Bank, State Salmon Funding Recovery Board, State ALIA, and King County Flood Control District.

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022			
<b>EXPENSES</b>											
Design	6	50	650								706
Land (R/W)	27										27
Monitoring			15	15	15	10	10	10	10	10	85
Const. Mgmt.					500						500
Construction					5,000						5,000
<b>TOTAL EXPENSES</b>	<b>33</b>	<b>50</b>	<b>665</b>	<b>15</b>	<b>5,515</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>6,318</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant			600		5,450						6,050
Mitigation Actual											0
Mitigation Expected											0
City Oper. Revenue	33	50	65	15	65	10	10	10	10	10	268
<b>TOTAL SOURCES</b>	<b>33</b>	<b>50</b>	<b>665</b>	<b>15</b>	<b>5,515</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>6,318</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Tukwila 205 Levee Certification** Project No. 91341203

**DESCRIPTION:** Obtain levee certification for the Tukwila 205 Levee.

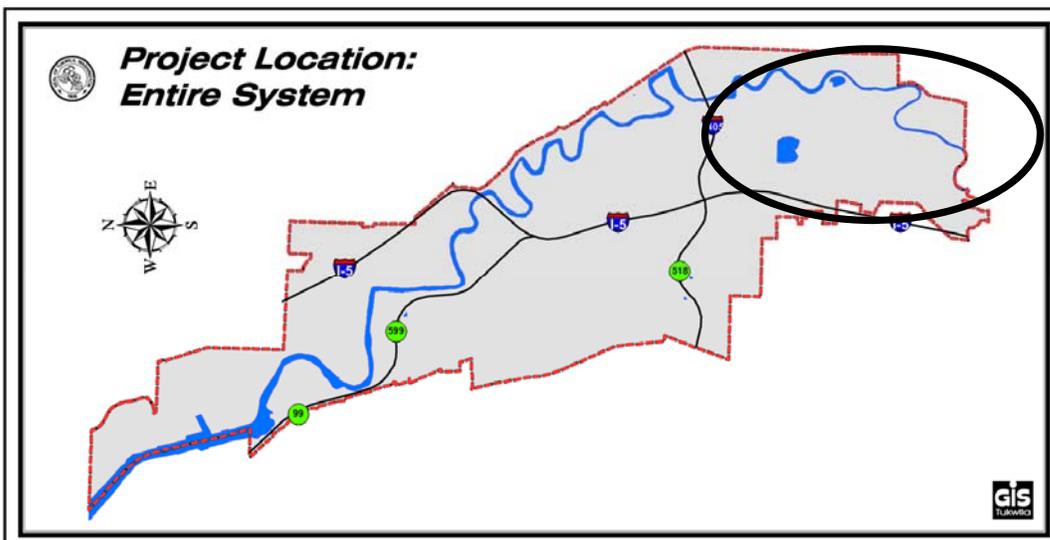
**JUSTIFICATION:** The US Army Corps of Engineers no longer provides levee certification services to federally authorized levees. The existing certification expired in August of 2013. Certification is required for the Federal Emergency Management Agency to accreditate the levee system as providing a 100-year level of flood protection.

**STATUS:** Consultant hired in 2014 for Phase I that includes an initial study and identification of levee deficiencies.

**MAINT. IMPACT:** Certification process is expected to lead to additional levee repair projects that are required to meet the certification criteria. Certification is valid for a 10-year period.

**COMMENT:** The initial phase of the certification process will determine needed repairs and cost estimates. Costs listed in 2017 through 2019 are estimates for potential repairs that would be grant dependent. King County Flood Control District's Opportunity Grant Program currently has \$63k per year.

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022			
<b>EXPENSES</b>											
Certification Phase I	350									350	
Certification Phase II		100	217	220						537	
Design				275						275	
Const. Mgmt.			30	115	600					745	
Construction			200	750	4,000					4,950	
<b>TOTAL EXPENSES</b>	<b>350</b>	<b>100</b>	<b>447</b>	<b>1,360</b>	<b>4,600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,857</b>	
<b>FUND SOURCES</b>											
KC Flood Control	113	63	63	63	63	63	63	63	63	617	
Proposed Grants			150	780	4,500					5,430	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	237	37	234	517	37	(63)	(63)	(63)	(63)	810	
<b>TOTAL SOURCES</b>	<b>350</b>	<b>100</b>	<b>447</b>	<b>1,360</b>	<b>4600</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,857</b>	



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** East Marginal Wy S Stormwater Outfalls

Project No. 91041204

**DESCRIPTION:** Establish legal drainage connections from East Marginal Way South to the Duwamish River.

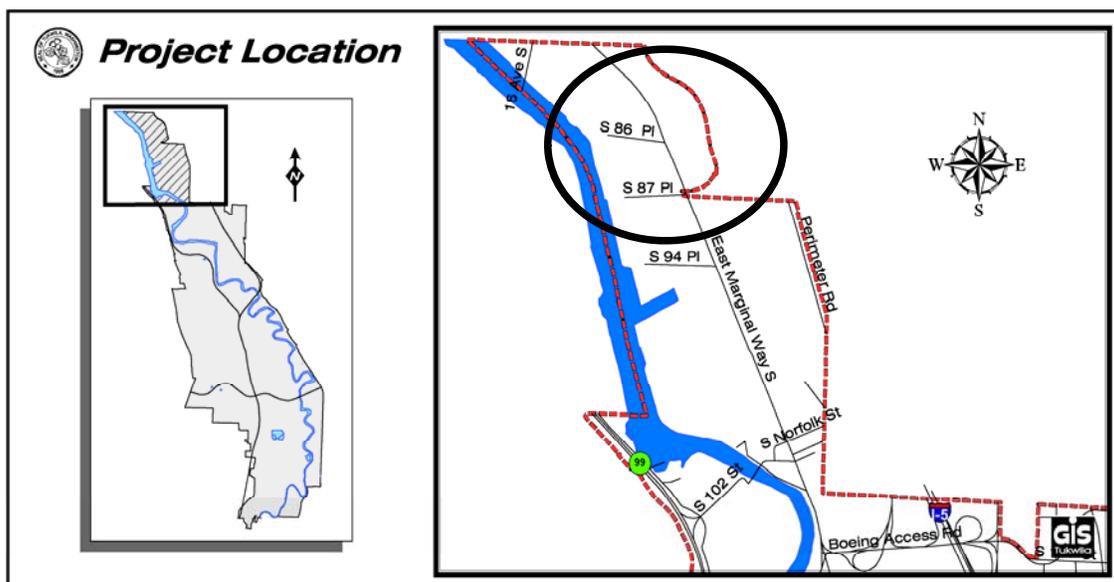
**JUSTIFICATION:** Drainage from E Marginal Wy S is discharged through outfalls owned and operated by the Boeing Co., Jorgensen Forge, and two King County Airport storm systems without easements.

**STATUS:** Jorgensen Forge outfall was closed in 2011 under an order from the US EPA. The Boeing Company contacted the City in 2009 requesting that the City take over ownership of their storm line and outfall. A consultant is preparing design for rerouting the Jorgensen outfall and adding water quality features.

**MAINT. IMPACT:** Clarifies maintenance responsibility and will ensure reliability of system.

**COMMENT:** City adopted Boeing's Z Line in 2015. Phase II: Line pipe, add water quality device and connect Jorgensen's drainage to Boeing's Z Line in 2017 and 2018. DOE design grant awarded in 2015, but withdrawn due to State budget issues. Project dependent on grant funding.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	200		23							223
Monitoring	3	11	11	11						36
Const. Mgmt.			40	100						140
Construction			291	1,000						1,291
<b>TOTAL EXPENSES</b>	<b>203</b>	<b>11</b>	<b>365</b>	<b>1,111</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,690</b>
<b>FUND SOURCES</b>										
Awarded Grant	120									120
Awarded Grant										0
Proposed Grant			20	900						920
Mitigation Expected										0
Utility Revenue	83	11	345	211	0	0	0	0	0	650
<b>TOTAL SOURCES</b>	<b>203</b>	<b>11</b>	<b>365</b>	<b>1,111</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,690</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** 53rd Ave S Surface Water Drainage System

Project No. 99110301

**DESCRIPTION:** As part of the 53rd Ave S Residential Street Improvements, replacing existing storm drainage system and installing water quality treatment devices to treat storm water runoff.

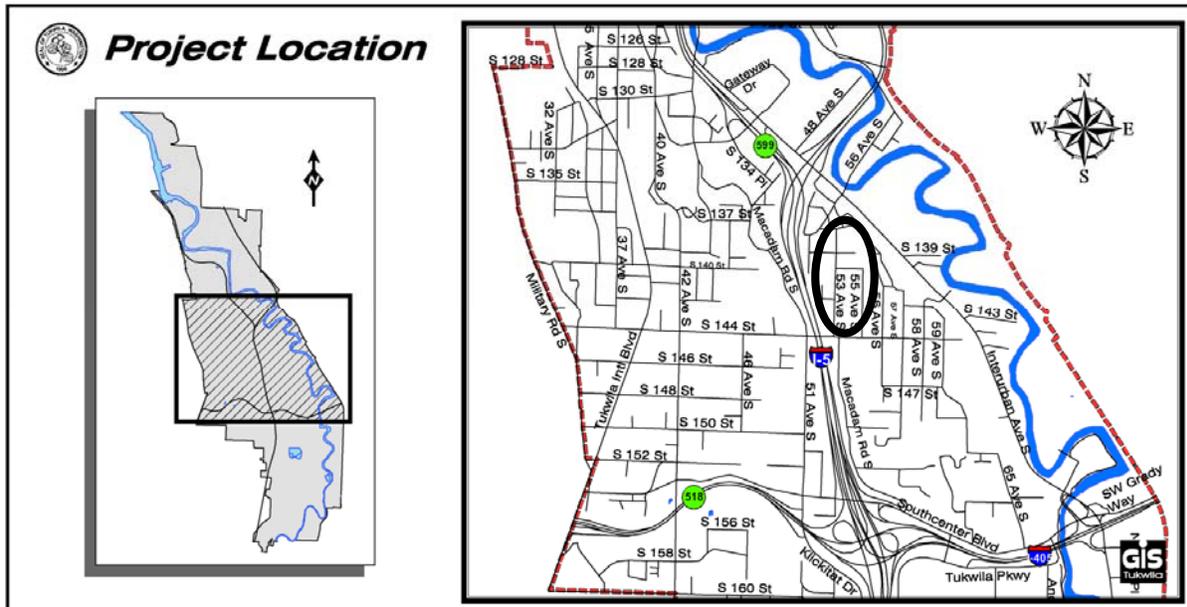
**JUSTIFICATION:** New conveyance system will reduce flooding on right-of-way and private property. Existing system is in poor condition and street runoff flows onto private property.

**STATUS:** Design began in 2015, with Street, Water, and Sewer improvements. Construction in 2017/2018.

**MAINT. IMPACT:** Expected to decrease maintenance.

**COMMENT:** State TIB grant for roadway and storm drainage for a total of \$2.14M.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	17	183								200
Land (R/W)										0
Const. Mgmt.			60	60						120
Construction			300	300						600
<b>TOTAL EXPENSES</b>	<b>17</b>	<b>183</b>	<b>360</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>920</b>
<b>FUND SOURCES</b>										
Awarded TIB Grant			171	171						342
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	17	183	189	189	0	0	0	0	0	578
<b>TOTAL SOURCES</b>	<b>17</b>	<b>183</b>	<b>360</b>	<b>360</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>920</b>



**CITY OF TUKWILA CAPITAL PROJECT SUMMARY**

2017 to 2022

**PROJECT:** Soils Reclamation Facility

Project No. 99441202

**DESCRIPTION:** Construct soils reclamation facility to handle, treat, dispose and/or reuse non-hazardous street sweepings and catch basin cleanings, etc. (formerly named Drainage/Vactor Waste Facility).

**JUSTIFICATION:** To meet State NPDES regulations, the City needs facilities to treat & dispose of waste materials resulting from cleaning/maintenance activities, including street sweepings and Vactor truck wastes.

**STATUS:** Cost benefit analysis scheduled for 2017 to determine if we build our own facility or continue to transport. Disposal is now being transported to a King County facility in Renton.

**MAINT. IMPACT:** Expected to decrease maintenance.

**COMMENT:** Will be combined with future location of City Maintenance Facility, debt service factored in Rate Model.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
<b>EXPENSES</b>										
Design	49		300						175	524
Land (R/W)	561								600	1,161
Const. Mgmt. Construction									100 500	100 500
<b>TOTAL EXPENSES</b>	<b>610</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,375</b>	<b>2,285</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Bond										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	610	0	300	0	0	0	0	0	1,375	2,285
<b>TOTAL SOURCES</b>	<b>610</b>	<b>0</b>	<b>300</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,375</b>	<b>2,285</b>

\* Note: Site Location is still under consideration.

# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Nelsen Salmon Habitat Side Channel Project No. 91641203

**DESCRIPTION:** Create an off-channel salmon rearing habitat side channel by connecting a segment of historic river channel with the Green River.

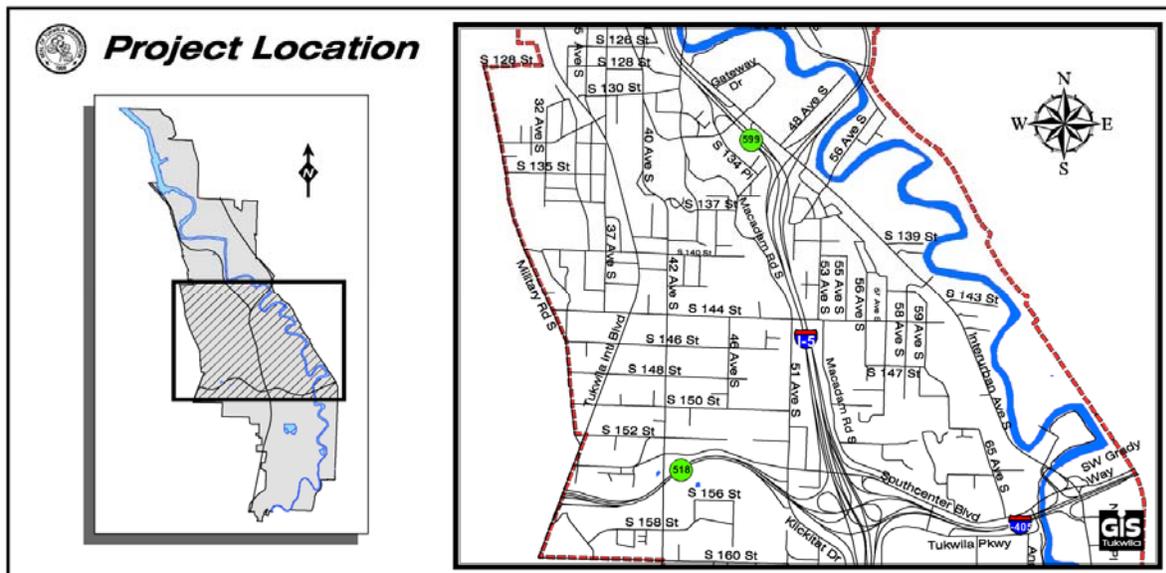
**JUSTIFICATION:** WRIA 9 has identified this project a proposed action in the Salmon Habitat Plan.

**STATUS:** The project area is primarily within State lands. The project will involve adjacent properties, and the need for flood protection will need to be analyzed. The Project scope and project area, including any potential property acquisition, needs to be defined and a feasibility study performed.

**MAINT. IMPACT:** Expected to increase maintenance

**COMMENT:** Property acquisition to the north could create the opportunity for a side channel and additional flood storage. Grant funding proposed from King County Flood Control District and State.

FINANCIAL (in \$000's)	Through		Estimated							
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design			50							50
Land (R/W)			150							150
Const . Mgmt. Construction										0
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant			150							150
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	50	0	0	0	0	0	0	50
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>200</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Green the Green

Project No. 91641202

**DESCRIPTION:** Interdepartmental effort to provide trees along the Green River and its tributaries in order to provide shade and cooler water temperatures to threatened salmon and steelhead.

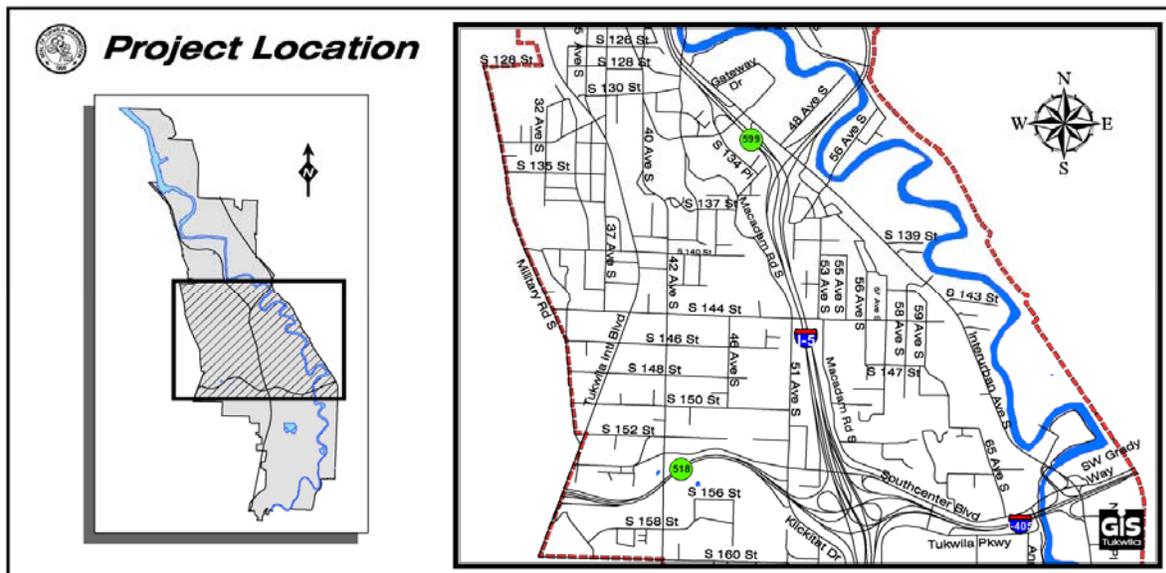
**JUSTIFICATION:** WRIA 9 has identified warm water temperatures as an impediment to salmon recovery, and has also started a funding program called, "Green the Green" which aims to support revegetation projects along the river.

**STATUS:** New Project for 2017 - 2022 CIP. Project sites are being identified in preparation for a call for applications. Other planting opportunities are being identified in a collaborative effort between Public Works and DCD.

**MAINT. IMPACT:** Expected to increase maintenance.

**COMMENT:** Proposed grant funding is from WRIA9 and King County Flood Control District.

FINANCIAL (in \$000's)	Through Estimated									TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
<b>EXPENSES</b>										
Design			20	20	20	20	20	20	20	140
Land (R/W)										0
Const . Mgmt.			15		15			15		60
Construction			80		80			80		320
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>520</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant			90		90			90		370
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	25	20	25	20	25	20	15	150
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>20</b>	<b>115</b>	<b>520</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Riverton Creek Flap Gate Removal

Project No. 99830103

**DESCRIPTION:** Remove two culverts and flap gates at Duwamish River; install pipe arch, create open channel confluence, install trail bridge over new channel, restore/revegetate 200 feet of creek channel and 450 ft of pond shoreline.

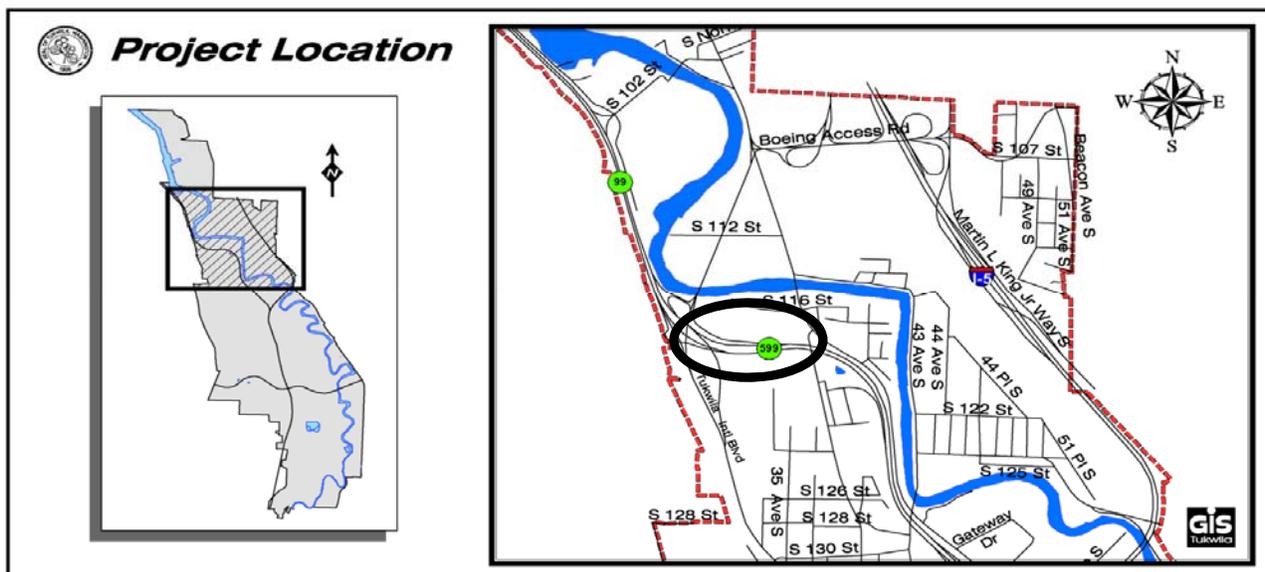
**JUSTIFICATION:** Increase available salmonid rearing habitat and increase flood refuge in lower Duwamish River. Improve fish access to Riverton Creek and enhance salmon rearing and resting area.

**STATUS:** Design at 70% completion in 2011 with a Salmon Recovery Funding Board grant of \$42,500 and \$30,000 from People for Puget Sound. Construction is grant dependent.

**MAINT. IMPACT:** Expected to increase maintenance.

**COMMENT:** Proposed grants include State & Federal habitat grants. Project used as mitigation for East Marginal Way Pipe Replacement Project and HPA Control#133763-1 requires work to be completed by June 11, 2019.

FINANCIAL (in \$000's)	Through		Estimated							BEYOND	TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022			
<b>EXPENSES</b>											
Design	114	28	90								232
Land (R/W)											0
Const. Mgmt.				100							100
Construction				650							650
<b>TOTAL EXPENSES</b>	<b>114</b>	<b>28</b>	<b>90</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>982</b>
<b>FUND SOURCES</b>											
Awarded Grant	72										72
Proposed Grant				550							550
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	42	28	90	200	0	0	0	0	0	0	360
<b>TOTAL SOURCES</b>	<b>114</b>	<b>28</b>	<b>90</b>	<b>750</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>982</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Surface Water GIS Inventory

Project No. 90241201  
80241201

**DESCRIPTION:** The GIS (Geographic Information Systems) inventory establishes citywide as-built drawings for the public drainage systems. This is an ongoing project as all CIP and development infrastructure improvements will need to be mapped.

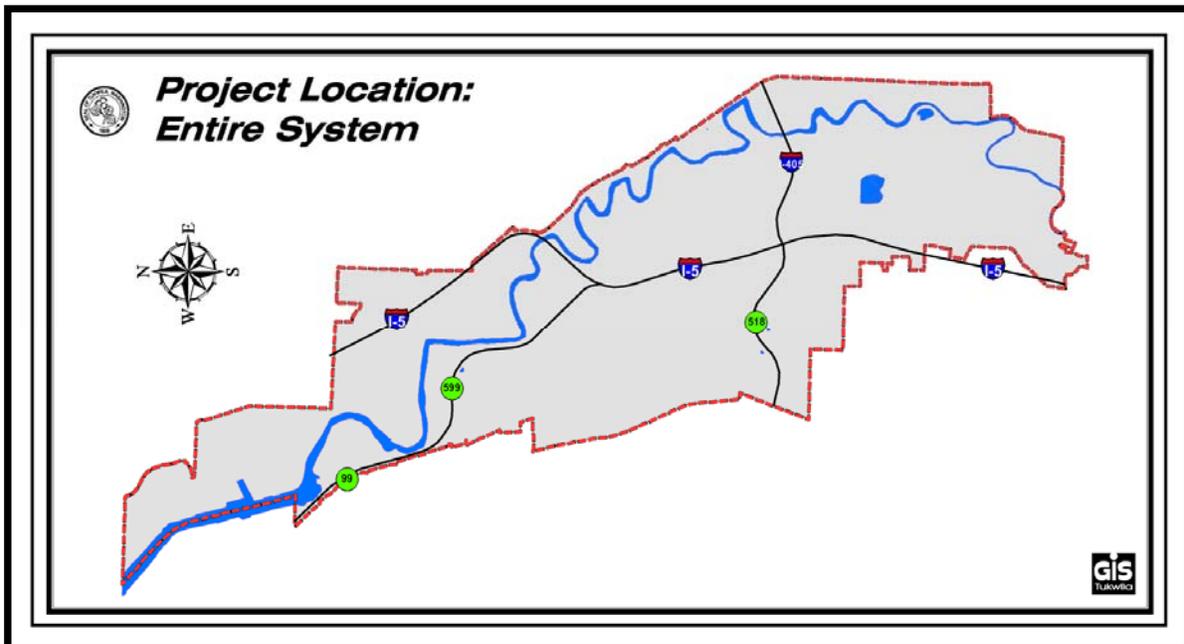
**JUSTIFICATION:** State NPDES requirements include provisions for permitted jurisdictions to compile accurate drainage system maps for all outfalls 24" or greater.

**STATUS:** GIS mapping was completed citywide in 2013. Future contracts will keep maps up to date as projects change the existing system. Combined Asset Management System scheduled for 2017.

**MAINT. IMPACT:** GIS information will allow maintenance to better track storm facility maintenance needs.

**COMMENT:** National Pollution Discharge Elimination System (NPDES). Department of Ecology grants for NPDES permit.

FINANCIAL (in \$000's)	Through 2015	Estimated 2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design	1,421	100	67	100		150				1,838
Land (R/W)										0
Const. Mgmt.										0
Construction										0
<b>TOTAL EXPENSES</b>	<b>1,421</b>	<b>100</b>	<b>67</b>	<b>100</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,838</b>
<b>FUND SOURCES</b>										
Awarded Grant	218									218
Proposed Grant										0
Mitigation Actual	100									100
Mitigation Expected										0
Utility Revenue	1,103	100	67	100	0	150	0	0	0	1,520
<b>TOTAL SOURCES</b>	<b>1,421</b>	<b>100</b>	<b>67</b>	<b>100</b>	<b>0</b>	<b>150</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,838</b>





# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **S 131st Place Drainage Improvements** Project No. 91641204

**DESCRIPTION:** Design and replace an existing 36" culvert under S. 131st Pl. Raise the roadway approximately 18" and/or provide a concrete wall or other means to keep Southgate Creek within its banks during storm events.

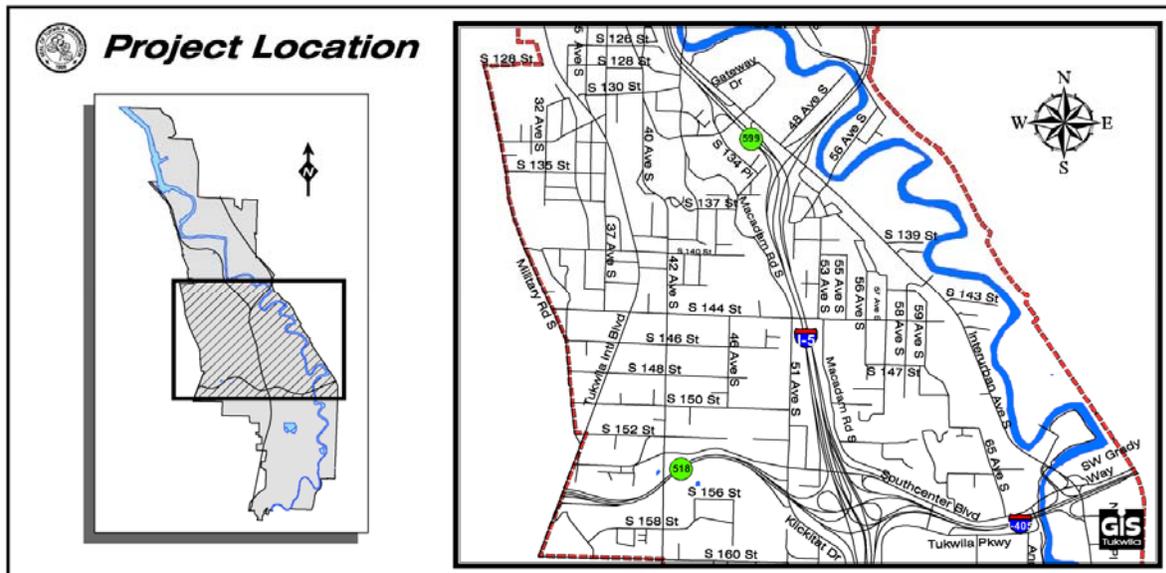
**JUSTIFICATION:** Southgate Creek overtops its bank several times per year during storm events and runs through private property. Debris is deposited within a private driveway and storm system.

**STATUS:** New Project for 2017 - 2022 CIP. Maintenance is performed annually on the creek to remove excess sedimentation to reduce the likelihood of flooding.

**MAINT. IMPACT:** Reduce the frequency of stream sediment removal and storm cleanup.

**COMMENT:** Project will require an HPA. Look at combining with a future overlay project to reduce overall costs.

FINANCIAL (in \$000's)	Through		Estimated							TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	
EXPENSES										
Design				100						100
Land (R/W)										0
Const . Mgmt.					90					90
Construction					600					600
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>790</b>
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
City Oper. Revenue	0	0	0	100	690	0	0	0	0	790
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>690</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>790</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Northwest Gilliam Basin Storm Drainage System Project No. 90341206

**DESCRIPTION:** Upgrade existing storm drainage system. Provide water quality treatment manholes at the downstream end of the retrofitted drainage systems. Provide asphalt overlay and extruded asphalt curb for all streets.

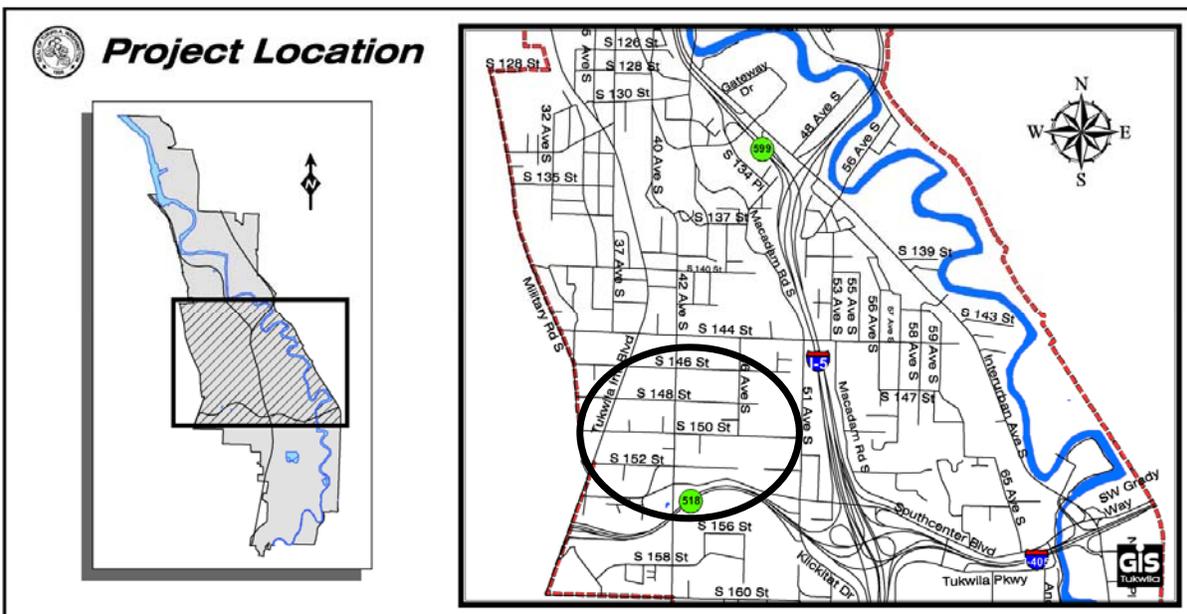
**JUSTIFICATION:** Reduces right-of-way and private property flooding by increasing the hydraulic capacity of the existing storm drainage system. Water quality manholes remove sediment and oil from street runoff.

**STATUS:** S 146th St was completed in 2009 and S 150th in 2015 with Thorndyke Safe Routes to School. Remaining streets include S 148th St and S 152nd St.

**MAINT. IMPACT:** Expected to decrease maintenance.

**COMMENT:** Where feasible, combine with future water quality and overlay projects to reduce costs and construction impact.

FINANCIAL (in \$000's)	Through Estimated									
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
<b>EXPENSES</b>										
Design					100					100
Land (R/W)										0
Const. Mgmt.						40				40
Construction						800				800
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>940</b>
<b>FUND SOURCES</b>										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Utility Revenue	0	0	0	0	100	840	0	0	0	940
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100</b>	<b>840</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>940</b>



## CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** Surface Water Comprehensive Plan

Project No. 91041202

**DESCRIPTION:** Periodically revise and update the adopted Surface Water Comprehensive Plan to: 1) Incorporate the latest requirements of the National Pollution Discharge Elimination System (NPDES) and Endangered Species Act (ESA); 2) Update Capital Improvement Projects to reflect current needs and completed projects; 3) Include GIS based basin and system maps as they become available; and 4) Revise Storm Water ordinance as needed.

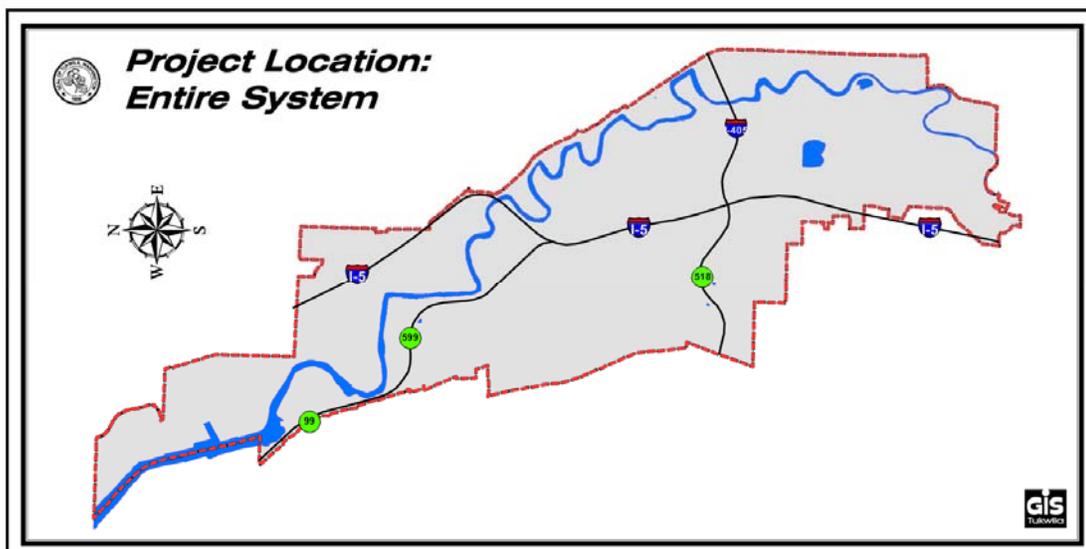
**JUSTIFICATION:** The latest requirements from regulatory agencies as well as newly identified City needs must be included in a regularly updated Surface Water Comprehensive Plan.

**STATUS:** The Surface Water Comprehensive Plan was completed in 2003 and updated in 2013. Future updates are planned on a 7-year cycle with the next update in 2020.

**MAINT. IMPACT:**

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design	163					175					338
Land (R/W)											0
Const. Mgmt.											0
Construction											0
<b>TOTAL EXPENSES</b>	<b>163</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>338</b>
<b>FUND SOURCES</b>											
Awarded Grant											0
Proposed Grant											0
Mitigation Actual											0
Mitigation Expected											0
Utility Revenue	163	0	0	0	0	175	0	0	0	0	338
<b>TOTAL SOURCES</b>	<b>163</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>175</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>338</b>



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **S 146th St Pipe and 35th Ave S Drainage System** Project No. 90341214

**DESCRIPTION:** Replace existing storm drainage system on S 146th St and provide new storm drainage system for 35th Ave S. Provide asphalt overlay and extruded asphalt curb for both streets.

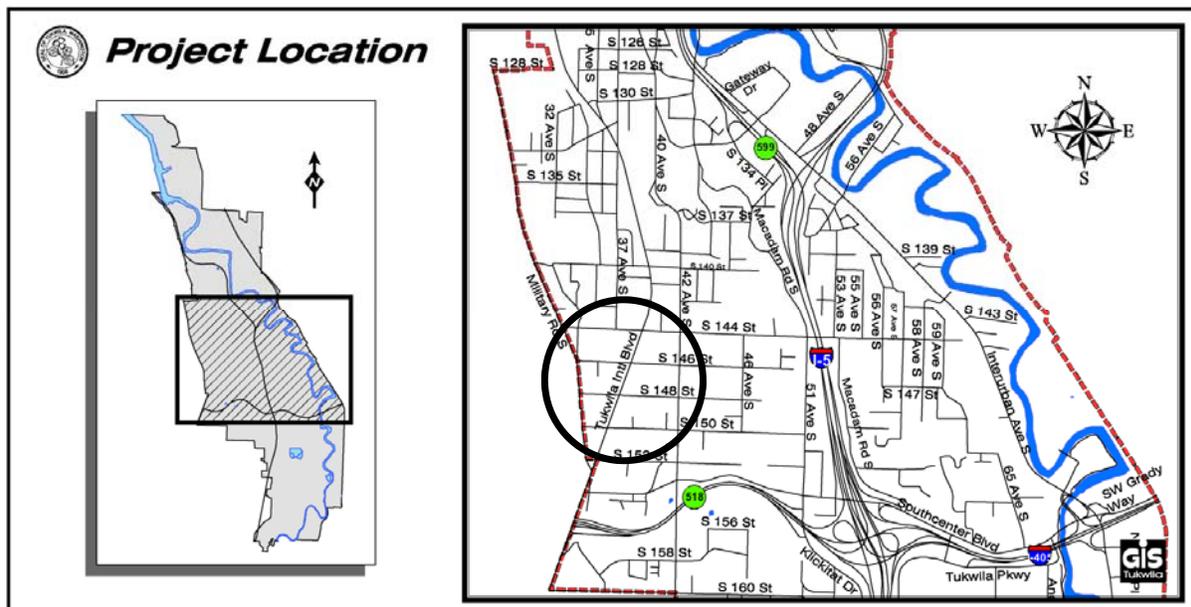
**JUSTIFICATION:** Reduce right-of-way and private property flooding by increasing the capacity of the storm drainage system.

**STATUS:** Maintenance is monitoring area during storm events.

**MAINT. IMPACT:** Expanded system will require additional maintenance.

**COMMENT:**

FINANCIAL (in \$000's)	Through		Estimated								TOTAL
	2015	2016	2017	2018	2019	2020	2021	2022	BEYOND		
<b>EXPENSES</b>											
Design							166			166	
Land (R/W)										0	
Const. Mgmt.								111		111	
Construction								605		605	
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166</b>	<b>716</b>	<b>0</b>	<b>882</b>	
<b>FUND SOURCES</b>											
Awarded Grant										0	
Proposed Grant										0	
Mitigation Actual										0	
Mitigation Expected										0	
Utility Revenue	0	0	0	0	0	0	166	716	0	882	
<b>TOTAL SOURCES</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>166</b>	<b>716</b>	<b>0</b>	<b>882</b>	



City of Tukwila  
**CAPITAL IMPROVEMENT PROGRAM**  
 for  
 2017 - 2022

**GOLF COURSE ENTERPRISE FUND**  
**411**

CIP Page #	PROJECT TITLE	2017	2018	2019	2020	2021	2022	TOTAL	**Other Sources
115	Foster Golf Links General Improvements	50	50	50	50	50	50	300	0
<b>Grand Total</b>		50	50	50	50	50	50	300	0

*\*\* Denotes other funding sources, grants, or mitigation.*

Changes from 2015 to 2017 CIP:



# CITY OF TUKWILA CAPITAL PROJECT SUMMARY

2017 to 2022

**PROJECT:** **Foster Golf Links General Improvements** Project No. Varies

**DESCRIPTION:** Provide annual improvements to the golf course greens, tees, drainage and irrigation as provided by golf revenues after operation costs and debt service payments are reconciled.

**JUSTIFICATION:** Improvements are part of the plan to improve the playability of the course.

**STATUS:**

**MAINT. IMPACT:** Better year round play with improved course conditions, reduced maintenance, and increased safety.

**COMMENT:** Ongoing project, only one year actuals shown in first column. With completion of the clubhouse, funding provides resources for in-house labor to complete on-going major maintenance projects.

FINANCIAL (in \$000's)	Through Estimated		2017	2018	2019	2020	2021	2022	BEYOND	TOTAL
	2015	2016								
EXPENSES										
Engineering										0
Land (R/W)										0
Construction	0	50	50	50	50	50	50	50	50	400
<b>TOTAL EXPENSES</b>	<b>0</b>	<b>50</b>	<b>400</b>							
FUND SOURCES										
Awarded Grant										0
Proposed Grant										0
Mitigation Actual										0
Mitigation Expected										0
Golf Revenue	0	50	50	50	50	50	50	50	50	400
<b>TOTAL SOURCES</b>	<b>0</b>	<b>50</b>	<b>400</b>							

