

**Marysville City Council Meeting****June 12, 2017****7:00 p.m.****City Hall****Call to Order****Invocation****Pledge of Allegiance****Roll Call****Approval of the Agenda****Committee Reports****Presentations****Audience Participation****Approval of Minutes** (*Written Comment Only Accepted from Audience.*)

1. Consider the April 24, 2017 City Council Meeting Minutes
2. Consider the May 1, 2017 City Council Work Session Minutes

**Consent**

3. Consider the May 17, 2017 Claims in the Amount of \$888,008.96; Paid by EFT Transactions and Check Number 116763 through 116928 with Check Number 116518 Voided
4. Consider the May 19, 2017 Payroll in the Amount of \$997,555.04; Paid by EFT Transaction and Check Numbers 30751 through 30794
8. Consider the Agreement with Snohomish County Small Capital Projects Partnership Project Agreement for \$5,000.00 in Funding to Assist in the Completion of the Fencing Project
9. Consider Acceptance of the Ebey Waterfront Trail Project with Wyser Construction Co. Inc., Starting the 45-Day Lien Period for Project Closeout
10. Consider the Amendment No. 7 to the Janitorial Services Contract between the City of Marysville and Advantage Building Services for an Annual Contract Price of \$140,875.30 and Extend the Contract for a Seventh Annual Term
11. Consider Authorizing formal notice to SCDEM of its intent to withdraw from the current interlocal agreement effective 12/31/17 in order to expand the City's in-house emergency management program and negotiate a new agreement with SCDEM to provide specified services, such as training, in 2018

***\*These items have been added or revised from the materials previously distributed in the packets for the June 5, 2017 Work Session.***

## Marysville City Council Meeting

**June 12, 2017**

**7:00 p.m.**

**City Hall**

14. Consider Approving the May 24, 2017 Claims in the Amount of \$1,578,701.93; Paid by EFT Transactions and Check Number 116929 through 117138 with Check Numbers 112515, 112791, 114701 & 116511 Voided \*

15. Consider Approving the May 31, 2017 Claims in the Amount of \$80,000.00; Paid by EFT Transactions and Check Numbers 117139 through 117139 with No Checks Voided \*

16. City Council approve the June 5, 2017 Payroll in the Amount of \$1,771,396.50; Paid by EFT Transactions and Check No.'s 30795 through 30851 \*

### Review Bids

5. Consider Awarding the Marshall Elementary Safe Routes to School Project to SRV Construction, Inc. in the Amount of \$517,878.20, including Washington State Sales Tax and Approve a Management Reserve of \$57,121.80 for a Total Allocation of \$575,000.00 \*

### Public Hearings

6. Consider an **Ordinance** Adopting the 2016 City of Marysville Water System Plan, Pursuant to WAC 246-290-100

7. Consider a **Resolution** Adopting a Six Year Transportation Improvement Program (2018-2023) in Accordance with RCW 35.77.010

### New Business

12. Consider an **Ordinance** Adopting an Update to the City's Surface Water Comprehensive Plan

13. Consider a **Resolution** Declaring Certain Items of Personal Property to be Surplus and Authorizing the Sale or Disposal Thereof

### Legal

### Mayor's Business

### Staff Business

### Call on Councilmembers

### Adjournment/Recess

### Executive Session

A. Litigation

B. Personnel

*\*These items have been added or revised from the materials previously distributed in the packets for the June 5, 2017 Work Session.*

**Marysville City Council Meeting****June 12, 2017****7:00 p.m.****City Hall**

C. Real Estate

**Reconvene****Adjournment**

Special Accommodations: The City of Marysville strives to provide accessible meetings for people with disabilities. Please contact the City Clerk's office at (360) 363-8000 or 1-800-833-6384 (Voice Relay), 1-800-833-6388 (TDD Relay) two days prior to the meeting date if any special accommodations are needed for this meeting.

*\*These items have been added or revised from the materials previously distributed in the packets for the June 5, 2017 Work Session.*

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<b>Call to Order/Pledge of Allegiance/Roll Call</b>	7:00 p.m.
Approve absence of Councilmember Toyer	Approved.
<b>Approval of the Agenda</b>	Approved
<b>Committee Reports</b>	
<b>Presentations</b>	
Police Awards - Chief's Meritorious Service Award to: <ul style="list-style-type: none"> <li>Amy Vandenberg</li> <li>Commander Wendy Wade, Commander Larry Buell, and Sgt. Matthew Goolsby</li> </ul>	Presented
Volunteer of the Month – April: Jim Strickland	Presented
Employee Service Awards: <ul style="list-style-type: none"> <li>Danielle Rusch – 10 years</li> </ul>	Presented
<b>Audience Participation</b>	
<b>Approval of Minutes</b>	
Consider the March 27, 2017 City Council Meeting Minutes	Approved
<b>Consent Agenda</b>	
Consider the April 5, 2017 payroll in the amount \$1,804,956.00; Paid by EFT Transactions and Check Numbers 30660 through 30694	Approved
Consider the April 5, 2017 Claims in the Amount of \$420,173.27; Paid by EFT Transactions and Check Numbers 115823 through 115968 with Check Numbers 108947, 114013 and 115205 Voided	Approved
Consider the April 12, 2017 Claims in the Amount of \$2,472,298.04; Paid by EFT Transactions and Check Number 115969 through 116111 with Check Numbers 111695 and 112821 Voided	Approved
<b>Review Bids</b>	
<b>Public Hearings</b>	
<b>New Business</b>	
Consider Approving Revocable License to Enter upon District Property between the City of Marysville and Snohomish County PUD thereby Granting the City Access to PUD Property for the Purpose of Collecting Design Information Associated with the State Avenue Widening Project from 100 <sup>th</sup> St NE to 116 <sup>th</sup> St NE	Approved
Consider Approving an Agreement with Snohomish Emergency Radio Systems for the Transfer of Ownership of the SERS Monopole	Pulled
Consider an <b>Ordinance</b> of the City of Marysville Annexing Certain Unincorporated Area, Known as the Washington State Department of Transportation Right-of-Way Annexation into the City of Marysville	Approved Ord. No. 3055
Consider a <b>Resolution</b> to Place EMS Levy Lid Lift on the Primary Election Ballot	Approved Res. No. 2413
Consider a <b>Resolution</b> of the City of Marysville Delegating to the Public Works Director the Authority to Legally Bind the City for the Sole Purpose of Requesting Federal Reimbursement	Approved Res. No. 2414
<b>Legal</b>	
<b>Mayor's Business</b>	

<b>Staff Business</b>	
<b>Call on Councilmembers</b>	
<b>Adjournment</b>	8:22 p.m.
<b>Executive Session</b>	8:27 p.m.
Litigation – Potential litigation - one item	
<b>ACTION</b>	Action Taken
<b>Adjournment</b>	8:32 p.m.

COUNCIL*DRAFT*  
MINUTES

**Regular Meeting**  
April 24, 2017

### Call to Order / Pledge of Allegiance

Mayor Nehring called the meeting to order at 7:00 p.m. Pastor Aaron Thompson with Foursquare Church gave the invocation, and Mayor Nehring led those present in the Pledge of Allegiance.

### Roll Call

Chief Administrative Officer Hirashima gave the roll call. The following staff and councilmembers were in attendance.

**Mayor:** Jon Nehring

**Council:** Kamille Norton, Jeff Seibert, Michael Stevens, Jeff Vaughan, and Donna Wright

**Absent:** Steve Muller<sup>1</sup>, Rob Toyer

**Also Present:** Chief Administrative Officer Gloria Hirashima, Finance Director Sandy Langdon, Police Chief Rick Smith, City Attorney Jon Walker, Public Works Director Kevin Nielsen, Parks and Recreation Director Jim Ballew, Community Development Director Dave Koenig, Fire Chief Martin McFalls, and Recording Secretary Laurie Hugdahl.

Mayor Nehring commented that Councilmember Toyer had requested an excused absence.

**Motion** made by Councilmember Stevens, seconded by Councilmember Norton, to approve the absence of Councilmember Toyer. **Motion** passed unanimously (5-0).

### Approval of the Agenda

**Motion** made by Councilmember Wright, seconded by Councilmember Norton, to approve the agenda as presented. **Motion** passed unanimously (5-0).

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<sup>1</sup> Steve Muller arrived at 7:28 p.m.

**Committee Reports**

Councilmember Vaughan reported on the April 19 Finance Committee meeting with regard to an updated statute that applies to allowable investments for public funds. Bond Counsel was present to advise the Committee on those changes.

**Presentations****A. Police Awards**

Chief Smith presented the Chief's Meritorious Service Award to:

- Amy Vandenberg
- Commander Wendy Wade, Commander Larry Buell, and Sgt. Matthew Goolsby

**B. Volunteer of the Month**

Jim Strickland was recognized as Volunteer of the Month for the month of April for his outstanding community service advocating for people with disabilities.

**C. Employee Service Awards**

Commander Thomas presented the following Employee Service Award:

- Danielle Rusch – 10 years

**Audience Participation**

Preston Dvoskin, 11120 - 46<sup>th</sup> Avenue NE, Marysville, WA, encouraged the Council to regularly recognize the importance services of first responders each month. Thanks to Kevin Nielsen for putting in the crosswalk on 4<sup>th</sup> Street. He asked for an update on Sunnyside and the flooding. He also asked when the new elevated crosswalk would be open.

Director Nielsen replied that hopefully the crosswalk will be open this week. On Sunnyside there was a flash flood in the county but it was cleaned up within a day.

Larry Nelson, 11022 – 46<sup>th</sup> Avenue NE, Marysville, WA, spoke regarding the RFA. On behalf of the Marysville and Arlington Professional Firefighters who fully support the Rural Fire Authority and full funding for the better service for the community. He read a letter from the two local presidents into the record in support of regionalization and fully funding of public safety.

Evan Kaiser, 2910 – 73<sup>rd</sup> Avenue NE, Marysville, WA, spoke regarding MMC 226.020.050 and 226.020.060. He stated that Council's actions of referring matters back to the Planning Commission do not conform to the Council's allowable options as stated in the code. He expressed concern about the lack of a 10-day notice and asked if the amendments are legally valid. He requested a written response from the City to his



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questions. He also asked about a response to questions he had requested earlier. City Attorney Walker indicated he would provide a written response. CAO Hirashima commented that she would provide Mr. Evans a response regarding the base height.

Steve Powell, 4708 57<sup>th</sup> Drive NE, Marysville, WA, spoke as a representative of the Kiwanis regarding a bowling tournament to raise money for Marysville scholarships. This will be held on May 7 at 1:00 at Strawberry Lanes. Bowling will be available for \$30 a person to raise money for scholarships.

## **Approval of Minutes** (*Written Comment Only Accepted from Audience.*)

1. Consider the March 27, 2017 City Council Meeting Minutes

Councilmember Stevens indicated he would be abstaining from the vote as he was not at the meeting.

**Motion** made by Councilmember Muller, seconded by Councilmember Norton, to approve the March 27, 2017 City Council Meeting Minutes as presented. **Motion** passed unanimously (5-0) with Councilmember Stevens abstaining.

## **Consent**

2. Consider the April 5, 2017 payroll in the amount \$1,804,956.00; Paid by EFT Transactions and Check Numbers 30660 through 30694
3. Consider the April 5, 2017 Claims in the Amount of \$420,173.27; Paid by EFT Transactions and Check Numbers 115823 through 115968 with Check Numbers 108947, 114013 and 115205 Voided
4. Consider the April 12, 2017 Claims in the Amount of \$2,472,298.04; Paid by EFT Transactions and Check Number 115969 through 116111 with Check Numbers 111695 and 112821 Voided

**Motion** made by Councilmember Vaughan, seconded by Councilmember Wright, to approve Consent Agenda items 2, 3, and 4. **Motion** passed unanimously (6-0).

## **Review Bids**

## **Public Hearings**

## **New Business**

5. Consider Approving Revocable License to Enter upon District Property between the City of Marysville and Snohomish County PUD thereby Granting the City Access to PUD Property for the Purpose of Collecting Design Information Associated with the State Avenue Widening Project from 100<sup>th</sup> St NE to 116<sup>th</sup> St NE

Director Nielsen explained that that this would support the design process with the grant from 100<sup>th</sup> to 116<sup>th</sup> along State Avenue.

**Motion** made by Councilmember Vaughan, seconded by Councilmember Stevens, to approve the Revocable License to Enter upon District Property between the City of Marysville and Snohomish County PUD thereby Granting the City Access to PUD Property for the Purpose of Collecting Design Information Associated with the State Avenue Widening Project from 100<sup>th</sup> St NE to 116<sup>th</sup> St NE. **Motion** passed unanimously (6-0).

6. Consider Approving an Agreement with Snohomish Emergency Radio Systems for the Transfer of Ownership of the SERS Monopole

This item was pulled from the agenda.

7. Consider an **Ordinance** of the City of Marysville Annexing Certain Unincorporated Area, Known as the Washington State Department of Transportation Right-of-Way Annexation into the City of Marysville

Director Koenig stated that the County Council supported this annexation and the Boundary Review Board approved it. This would allow all the 529 improvements to be in the City.

**Motion** made by Councilmember 3055, seconded by Councilmember Stevens, to approve Ordinance No. 3055. **Motion** passed unanimously (6-0).

8. Consider a **Resolution** to Place EMS Levy Lid Lift on the Primary Election Ballot

Finance Director Langdon reviewed this item. There were no comments or questions.

**Motion** made by Councilmember Seibert, seconded by Councilmember Vaughan, to approve Resolution No. 2413. **Motion** passed unanimously (6-0).

9. Consider a **Resolution** of the City of Marysville Delegating to the Public Works Director the Authority to Legally Bind the City for the Sole Purpose of Requesting Federal Reimbursement

Director Nielsen explained that the requirement for reimbursement is a new one. This would allow him to sign for reimbursement for federal grants.

**Motion** made by Councilmember Norton, seconded by Councilmember Muller, to approve Resolution No. 2414. **Motion** passed unanimously (6-0).

## Legal

**Mayor's Business**

- Thanks to staff and Council and everyone involved in the Ebey Trail project ribbon cutting which was a wonderful event.
- The Shredathon was a very popular event.
- The Easter Egg Hunt was also a very popular event. Thanks to everyone who was involved with that.
- Government Affairs Committee will be fairly busy this week. The Committee will be meeting with the School District's Government Affairs Committee at 8 a.m. on Thursday morning.
- There will be a conference call with Nate Potter from Strategies in Washington D.C. at noon on Friday.
- There was a really good coffee klatch this evening with over 20 people in attendance.

**Staff Business**

Chief Smith:

- It was very exciting to be able to give out the awards tonight.
- The way the dogs are trained to be compliant through behavior modification with Amy Vandenberg is huge. The dogs are a lot happier than other dogs around the county.
- The turnaround at the jail is also a very big deal. He commended Commander Wendy Wade, Commander Larry Buell, and Sgt. Matthew Goolsby for the work they put into it.
- He stated that there would be a public safety meeting on Wednesday.
- Last week the ALERR (Advanced Law Enforcement Rapid Responder) group was here from Texas to look at integration with fire and police.
- Code Enforcement numbers are great.
- Crime Statistics show crime is down 17% from last year, especially with residential burglaries. He commended Assistant Chief Goldman and Commanders Buell and Thomas for the work they are doing out on the streets and Commander Akau with the Pro-Act unit.

Sandy Langdon commented that the ribbon cutting for the trail was a great event, and the trail is gorgeous.

Jon Walker stated the need for one executive session item regarding potential litigation expected to last five minutes with action expected.

Dave Koenig commented that staff will be bringing some code amendments to the Council on May 1 as requested by the Master Builders and recommended by the Planning Commission.

Martin McFalls thanked the Council for moving the EMS levy forward.

Jim Ballew:

- Staff has been very busy over the last few weeks.
- The Easter Egg Hunt was a great event. Thanks to Marysville Rotary and other partners for that.
- The trail opening was a huge hit until the tornado showed up. Thanks to staff for the great design. He thanked the media for the excellent coverage. The whole event was a great experience. The change of use will bring a new community to that shoreline.
- The Mother–Son Superhero dance was a great event.
- He thanked the Council for the support.

Mayor Nehring thanked the Parks Board for their involvement in the trail project.

Director Nielsen:

- The trail ribbon cutting was a great event. It was nice to see the lobbyists take such interest in the trail opening.
- Earth Day plantings were also going on on the same day.
- The City is scheduled for Clean Sweep on May 13. Connie is working on getting additional partners. She explained that the City was contacted by the local Value Village who wants to help collect donations for Clean Sweep Day. Goodwill has also been contacted.

Gloria Hirashima commented that the waterfront park was quite a momentous day. She commented that the project has been underway for 20 years. A lot of the initial improvements actually came through development projects. She recognized the role of private developers in this project. She reviewed the history of this project and how the vision for it has changed over the years. She thanked everyone who worked on the project, had a role in the decision making process, or came out to walk the trail.

### **Call on Councilmembers**

Jeff Vaughan:

- He brought up concerns raised by citizens about people parking in front of mailboxes. He asked if this is addressed in the code. City Attorney Walker said he would bring back an answer. Commander Thomas said there is nothing specific in the RCW or the MMC that prohibits parking in front of mailboxes, but most mailboxes are close to driveways so they fall in the regulations that limit parking close to driveways or fire hydrants.
- He commented on the abundant wildlife which is visible from the new trail. This will be a popular spot for birdwatchers and kayakers. He thanked city staff and everybody else who has made this possible over a long period of time. He looks forward to other connections and additions over time.

Donna Wight:

- Congratulations to police officers.
- Saturday was a beautiful day. It was great to see so many people out.

Jeff Seibert:

- He asked about Illegal campers at city property east of Hagen's. Chief Smith indicated they would check on it.
- He noted that the Council's cable profiles need to be updated. Connie indicated she would take care of that.

Michael Stevens:

- He agreed that the trail was a great addition to the City.
- He appreciated hearing the awards for the police department.

Steve Muller:

- He apologized for arriving late.
- The Easter Egg Hunt was great.
- The trail opening was windy, but great.
- He commended everyone involved in getting the trail done. He is excited about all the things happening around the City.

Kamille Norton:

- It's great to see the police officers honored.
- It's great to see the successes with the K-9s.
- She is glad to hear the crime stats.
- The waterfront trail event was great. Congratulations to staff on this project.
- She got a question about when the Spray Park would be open. Director Ballew commented that it would be opening Memorial Day weekend.

Council recessed at 8:22 for five minutes before reconvening in Executive Session to discuss one item related to potential litigation expected to take five minutes with action expected.

### **Executive Session**

- A. Litigation - one item, RCW 42.30.110(1)(i)
- B. Personnel
- C. Real Estate

Executive session ended and public meeting reconvened at 8:32 p.m.

**Motion** made by Councilmember Seibert, seconded by Councilmember Stevens, to authorize the Mayor to sign the Second Amendment to the Agreement for Joint Operation of Fire and Emergency Medical Protection Facilities, dated April 18, 2016.

**Motion** passed unanimously (6-0).

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**Adjournment**

Seeing no further business Mayor Nehring adjourned the meeting at 8:32 p.m.

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

\_\_\_\_\_  
Mayor  
Jon Nehring

\_\_\_\_\_  
Recording Secretary

# *Index #2*

COUNCIL*DRAFT*  
MINUTES

**Regular Meeting**  
May 1, 2017

**Call to Order / Pledge of Allegiance**

Mayor Nehring called the May 1, 2017 Work Session to order at 7:00 p.m. and led those present in the Pledge of Allegiance.

**Roll Call**

Chief Administrative Officer Hirashima gave the roll call. The following staff and councilmembers were in attendance.

**Mayor:** Jon Nehring

**Council:** Steve Muller, Kamille Norton, Jeff Seibert, Michael Stevens, Jeff Vaughan, and Donna Wright

**Absent:** Rob Toyer

**Also Present:** Chief Administrative Officer Gloria Hirashima, Finance Director Sandy Langdon, Police Chief Rick Smith, City Attorney Jon Walker, Parks and Recreation Director Jim Ballew, Community Development Director Dave Koenig, Fire Chief Martin McFalls, Judge Gillings, Judge Towers, Court Administrator Suzanne Elsner, Assistant Court Manager Kim Ricker, Senior Planner Angela Gemmer, Assistant Finance Director Jan Berg, and Recording Secretary Laurie Hugdahl

**Motion** made by Councilmember Wright, seconded by Councilmember Muller, to approve the agenda. **Motion** passed unanimously (6-0).

**Committee Reports**

**Presentations**



A. Juror Appreciation Week Proclamation

Mayor Nehring read the Proclamation recognizing this week as *Juror Appreciation Week* and extending appreciation to our citizens for the vital services they perform when they represent our community as jurors.

B. State of the Court

Judge Gillings presented a *State of the Courts* address for 2015-2016. He discussed statistics related to protection orders, city filings, mitigation/contested infraction hearings, interpreter services, jury trials, video court hearings, resolution of outstanding warrants, courthouse security, probation services, and highlights of community interactions. He also reviewed projects for 2017 including online payments, courtroom remodel, self-receipting collection process, plain paper hearing notices, e-documents, and replacement of aging statewide case management system.

Councilmember Muller asked when two courtrooms would not be enough to handle the caseload. Judge Gillings explained that it is definitely in the court's future to grow, but it is not for him to decide.

Mayor Nehring thanked the judges and court staff for the presentation.

### **Discussion Items**

#### **Approval of Minutes (Written Comment Only Accepted from Audience.)**

1. Consider the April 3, 2017 City Council Work Session Minutes

### **Consent**

2. Consider the April 19, 2017 Claims in the Amount of \$854,390.16; Paid by EFT Transactions and Check Numbers 116112 through 116301 with Check Number 115837 Voided
3. Consider the April 20, 2017 Payroll in the Amount \$1,013,660.02; Paid by EFT Transactions and Check Numbers 30695 through 30720

### **Review Bids**

### **Public Hearings**

4. Consider an Ordinance of the City of Marysville Levying EMS Taxes Upon all Property Real, Personal and Utility Subject to Taxation within the Corporate Limits of the City of Marysville, Washington for the Year 2018 (Public Hearing May 8, 2017)

Finance Director Langdon noted that there would be a public hearing on this item next week.

### **New Business**

5. Consider the Public Works Contract with Backstrom Curb and Sidewalk, Inc. in the Amount of \$37,125.00 plus Sales Tax of 9.10% in the Amount of \$3,378.37 for a Total Project of \$40,503.37

Director Ballew stated that this is a Community Development Block Grant Project for the addition of the Comeford Park barbecue plaza with support from the Sunrise Rotary Club. He stated that this is a good bid. They hope to have the project done before the second week of June.

6. Consider the Master Permit Agreement with Maryfest Inc. to Permit All Activities within the Proposed Schedule of Events Offered June 11-June 18, 2017

Director Ballew explained that the calendar is similar to last year, with the only change being the omission of the children's day and the fashion show. Staff has met with Maryfest to discuss the proposal and the schedule. The calendar looks exciting.

7. Consider the Banking Services Agreement

Assistant Finance Director Jan Berg stated that the City issued an RFP for banking services. She reviewed the bids and explained that Key Bank was selected by the evaluators as the top choice. Staff recommends going forward with Key Bank.

8. Consider a Resolution Amending Bid and Purchasing Policy and Repealing Resolution No. 2327

Finance Director Langdon explained that this would update the policy to address the grants and purchasing policy which will help the process to flow more smoothly.

9. Consider an Ordinance Updating the City's Development Regulations and Amending Sections 22A.020.150, 22C.010.080, 22C.010.090, 22C.020.060, 22C.220.060, and 22C.220.070 of the Marysville Municipal Code

Senior Planner Angela Gemmer reviewed the following proposed amendments as recommended by Master Builders Association and the Planning Commission:

- A.) Change the net project areas definition to allow for a flat 20% deduction for access areas and right-of-way when calculating residential density;
- B.) A residential height deviation to allow for a 5' height increase on lots that are steeply sloped';
- C.) An increase to residential building coverage and impervious surface coverage in single family zones;

- D.) An amendment to the permitted uses matrices to allow taxi stands and automotive rental/leasing industrial zones consistent with the treatment of other motor vehicle related uses; and
- E.) Elimination of the mandate to provide low income housing in Master Planned Senior Communities.

Councilmember Seibert asked questions about average deduction amounts. Ms. Gemmer reviewed this and offered to bring back a detailed chart showing sample average deductions with each of the areas that are deducted as well as an explanation of how the calculations are made. She explained that the 20% deduction would generally be more favorable than the itemized deductions, but developers can elect to use either one. Councilmember Seibert asked staff to bring back some examples. He acknowledged that the 20% flat deduction might be more favorable for developers, but expressed concern that it might be in conflict with the other requirements they also have to do. Director Koenig added that the road system is not a reduction, it is just for density purposes. The standards are all the same. He noted that staff would bring back a comparison for a number of plats for clarification.

Councilmember Stevens asked for confirmation that the calculation is to find out what the maximum potential density could be, not necessarily what it will be. Director Koenig concurred and noted that this provides more predictability for developers.

Councilmember Seibert referred to the increase in allowable dwelling height and asked if the developers have to build a daylight basement if they want to get the increased height. Senior Planner Gemmer explained that was the intent.

Councilmember Stevens expressed appreciation for the height increase amendment to allow for daylight basements.

Councilmember Seibert referred to item c and asked where the number came from. Director Koenig commented that the stormwater facility is designed for the maximum impervious surface so if the impervious surface is increased the stormwater has to be adjusted to accommodate that increase in volume. Older plats may not be able to take access to this. Councilmember Seibert asked staff to find out why they started with the numbers that they did. CAO Hirashima explained that it was rather arbitrary, and they had been retained from older codes. She reviewed some of the history related to this.

## Legal

### Mayor's Business

**Motion** made by Councilmember Norton, seconded by Councilmember Stevens, to excuse Councilmember Toyer's absence tonight. **Motion** passed unanimously (6-0).

Mayor Nehring had the following comments:

- He went to the Trade Up Event at Marysville Pilchuck High School which was a great event to expose kids to opportunities in the trades.

- He went to an event about Big Water at the City of Everett which is a substantial project for Tulalip and Everett.

### **Staff Business**

Sandy Langdon had no additional comments.

Chief Smith:

- There will be a vehicle on the next Council agenda for a bobcat which is provided for in the budget.
- He gave an update to Councilmember Seibert's inquiry about the area behind Haggens. Police are checking in there frequently.
- Police have reviewed an area that the City is preparing to annex in order to clean up encampments.
- Police are looking at two great entry level candidates. He thanked Human Resources for their great help with this.
- Next week Assistant Chief Goldman will be sitting in for him while he goes to San Antonio for a New World Conference.

Chief McFalls had no comments.

Dave Koenig had no comments.

Jim Ballew:

- He reported the sad news that Mark Austin was lost to cancer mid-month. Staff will be working on a resolution to recognize his work with the Diversity Committee.
- The City had its first theatrical murder mystery at the Opera House which was a great event.
- The Fishing Derby will be this weekend.
- There will also be an Arbor Day event at Tuscany Ridge.
- Healthy Communities Challenge Day is one month away.

Jon Walker had no comments.

Gloria Hirashima had no comments.

### **Call on Councilmembers**

Jeff Vaughan asked about council procedure regarding public comments on items on the agenda. Mayor Nehring discussed his interpretation. Councilmember Vaughan suggested that they revisit this topic to clarify it. City Attorney Walker indicated he would write up something and bring it back to Council.

Jeff Seibert thanked Chief Smith for his efforts.

*DRAFT*

Michael Stevens:

- He expressed appreciation to courts for the presentation.
- He thanked Community Development for their efforts to make the codes better and simpler.
- The murder mystery was a fun event.

Donna Wright thanked Judge Gillings for the presentation and thanked court staff for their work.

Steve Muller said he went to Firehouse Subs, and noted that they regularly give out grants to support various community needs. It's a great addition to the City.

Kamille Norton thanked Judge Gillings for the presentation and court staff for the great work they do at the courts.

### **Adjournment**

Seeing no further business Mayor Nehring adjourned the meeting at 8:10 p.m.

Approved this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

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Mayor  
Jon Nehring

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Recording Secretary

# *Index #3*

**CITY OF MARYSVILLE**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

AGENDA ITEM: Claims	AGENDA SECTION:	
PREPARED BY: Sandy Langdon, Finance Director	AGENDA NUMBER:	
ATTACHMENTS: Claims Listings	APPROVED BY:	
	MAYOR	CAO
BUDGET CODE:	AMOUNT:	

Please see attached.

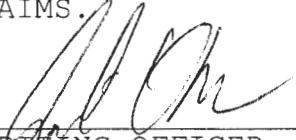
**RECOMMENDED ACTION:**

**The Finance and Executive Departments recommend City Council approve the May 17, 2017 claims in the amount of \$888,008.96 paid by EFT transactions and Check No. 116763 through 116928 with Check No. 116518 voided.**

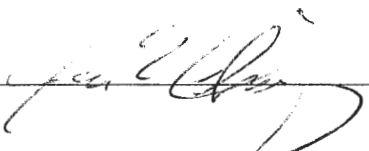
**COUNCIL ACTION:**

BLANKET CERTIFICATION  
**CLAIMS**  
FOR  
**PERIOD-5**

I, THE UNDERSIGNED, DO HEREBY CERTIFY UNDER PENALTY OF PERJURY THAT THE MATERIALS HAVE BEEN FURNISHED, THE SERVICES RENDERED OR THE LABOR PERFORMED AS DESCRIBED HEREIN AND THAT THE **CLAIMS** IN THE AMOUNT OF **\$888,008.96 PAID BY EFT TRANSACTIONS AND CHECK NO.'S 116763 THROUGH 116928 WITH CHECK NO. 116518 VOIDED** ARE JUST, DUE AND UNPAID OBLIGATIONS AGAINST THE CITY OF MARYSVILLE, AND THAT I AM AUTHORIZED TO AUTHENTICATE AND TO CERTIFY SAID CLAIMS.

  
\_\_\_\_\_  
AUDITING OFFICER

*5/22/17*  
\_\_\_\_\_  
DATE

  
\_\_\_\_\_  
MAYOR

*5/23/17*  
\_\_\_\_\_  
DATE

WE, THE UNDERSIGNED COUNCIL MEMBERS OF MARYSVILLE, WASHINGTON DO HEREBY APPROVE FOR PAYMENT THE ABOVE MENTIONED **CLAIMS** ON THIS **12<sup>th</sup> DAY OF JUNE 2017.**

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COUNCIL MEMBER

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COUNCIL MEMBER



**CITY OF MARYSVILLE  
 INVOICE LIST**

**FOR INVOICES FROM 5/11/2017 TO 5/17/2017**

<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116763	LICENSING, DEPT OF	CPL ACH BATCH 5/9/17	GENERAL FUND	588.00
116764	4B PARTNERS INC.		WATER/SEWER OPERATION	20.35
116765	ACTIVE NETWORK LLC	CREDIT CARD MACHINES (2)	COMMUNITY CENTER	414.04
116766	ADVANTAGE BUILDING S	JANITORIAL SERVICE	WATER FILTRATION PLANT	81.19
	ADVANTAGE BUILDING S		COMMUNITY CENTER	811.88
	ADVANTAGE BUILDING S		WASTE WATER TREATMENT F	811.88
	ADVANTAGE BUILDING S		UTIL ADMIN	811.88
	ADVANTAGE BUILDING S		COURT FACILITIES	1,217.81
	ADVANTAGE BUILDING S		CITY HALL	1,217.81
	ADVANTAGE BUILDING S		PUBLIC SAFETY BLDG	1,510.09
	ADVANTAGE BUILDING S		MAINT OF GENL PLANT	1,623.74
	ADVANTAGE BUILDING S		PARK & RECREATION FAC	3,653.43
116767	ALPINE PRODUCTS INC	2400LB GLASS BEADS (6)	TRAFFIC CONTROL DEVICES	5,836.41
	ALPINE PRODUCTS INC	TOTES AND TRAFFIC PAINT	TRAFFIC CONTROL DEVICES	31,202.60
116768	AMERICAN CLEANERS	DRY CLEANING	OFFICE OPERATIONS	30.17
	AMERICAN CLEANERS		COMMUNITY SERVICES UNIT	45.71
	AMERICAN CLEANERS		POLICE ADMINISTRATION	91.27
	AMERICAN CLEANERS		DETENTION & CORRECTION	108.67
	AMERICAN CLEANERS		POLICE PATROL	151.26
116769	AMERICAN PLANNING	APA MEMBERSHIP DUES-DUNGAN	COMMUNITY DEVELOPMENT-	431.00
	AMERICAN PLANNING	APA MEMBERSHIP DUES-HOLLAND	COMMUNITY DEVELOPMENT-	469.00
116770	ARAMARK UNIFORM	UNIFORM SERVICE	SMALL ENGINE SHOP	6.55
	ARAMARK UNIFORM		SMALL ENGINE SHOP	6.55
	ARAMARK UNIFORM		EQUIPMENT RENTAL	73.69
	ARAMARK UNIFORM		EQUIPMENT RENTAL	73.76
116771	ASSOCIATED BAG	INMATE CLEAR DRAWSTRING BAGS (	GENERAL FUND	-105.00
	ASSOCIATED BAG		DETENTION & CORRECTION	1,258.76
116772	BAKER, CHERIE DAWN*		WATER/SEWER OPERATION	16.36
116773	BALWINDER, KAUR		WATER/SEWER OPERATION	50.07
	BALWINDER, KAUR		WATER/SEWER OPERATION	76.70
116774	BARCODES WEST	BARCODE LABELS AND RIBBON	POLICE PATROL	768.06
116775	BERGER/ABAM ENGR	PROFESSIONAL SERVICES	GMA - STREET	55,188.19
116776	BICKFORD FORD	SHAFT, SWITCH AND CAP	EQUIPMENT RENTAL	74.49
116777	BILLING DOCUMENT SPE	BILL PRINTING SERVICE	UTILITY BILLING	380.40
	BILLING DOCUMENT SPE	TRANSACTION FEES	UTILITY BILLING	2,277.37
	BILLING DOCUMENT SPE	BILL PRINTING SERVICE	UTILITY BILLING	4,553.76
116778	BOUKHARI, ATEF & ROS		WATER/SEWER OPERATION	11.62
116779	BOY SCOUT TROUP 180	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
116780	BOYD, RAE	INMATE MEDICAL CARE	DETENTION & CORRECTION	1,100.00
116781	BRAASCH, CONNIE & DA		WATER/SEWER OPERATION	18.56
116782	BROCK, TINA	REIMBURSE WELLNESS COMM EXPENS	GENERAL FUND	-3.24
	BROCK, TINA		PERSONNEL ADMINISTRATIOI	49.91
116783	CAPITAL ONE COMMERC	REFRESHMENTS/SUPPLY REIMBURSEM	COMMUNITY EVENTS	33.32
	CAPITAL ONE COMMERC		UTIL ADMIN	61.45
	CAPITAL ONE COMMERC		GMA-PARKS	168.27
	CAPITAL ONE COMMERC		WASTE WATER TREATMENT F	818.20
116784	CAR LINKS AUTO SALES	REFUND PRE-APPLICATION FEES	COMMUNITY DEVELOPMENT	350.00
116785	CASCADE COLUMBIA	POLY ALUMINUM CHLORIDE	WASTE WATER TREATMENT F	12,349.14
	CASCADE COLUMBIA		WASTE WATER TREATMENT F	12,461.95
116786	CHOU, GLORIA		WATER/SEWER OPERATION	40.70
116787	CODE PUBLISHING	ANNUAL SUPPORT UPDATE	CITY CLERK	759.88
116788	COMM FOUNDATION	RENTAL FEE REFUND	PARKS-RENTS & ROYALTIES	200.00
116789	CONSOLIDATED PRESS	CITYSCENE NEWSLETTER	UTILITY BILLING	1,306.02
116790	COOP SUPPLY	BUSHING AND HOSE BARB	ROADSIDE VEGETATION	10.74
	COOP SUPPLY	COAT RACK	STORM DRAINAGE	13.64
	COOP SUPPLY		SEWER MAIN COLLECTION	13.64
	COOP SUPPLY	BOOT TRAY MATS AND SCRUBBERS	STORM DRAINAGE	67.60
	COOP SUPPLY		SEWER MAIN COLLECTION	67.60
	COOP SUPPLY	K-9 FOOD	K9 PROGRAM	192.30
116791	COSTA, RIETTA	INSTRUCTOR SERVICES	COMMUNITY CENTER	90.00
116792	CRAIG, LYNNE		WATER/SEWER OPERATION	279.20

**CITY OF MARYSVILLE  
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116793	CRIMINAL JUSTICE	DT LEVEL 2 INSTRUCTOR RECERT (	POLICE TRAINING-FIREARMS	375.00
116794	CRYSTAL SPRINGS	WATER COOLER RENTAL AND BOTTLE	SOLID WASTE OPERATIONS	52.61
	CRYSTAL SPRINGS		WASTE WATER TREATMENT F	184.91
116795	CUZ CONCRETE PROD	CONCRETE SIGN ANCHORS	TRANSPORTATION MANAGEM	1,309.20
	CUZ CONCRETE PROD	CATCH BASINS, ADJ RINGS, FRAME	STORM DRAINAGE	1,635.28
116796	DANIKA PLUMBING	REFUND PLUMBING PERMIT FEES	NON-BUS LICENSES AND PEF	65.00
116797	DATA QUEST LLC	PRE-EMPLOYMENT SCREENING	POLICE ADMINISTRATION	125.00
116798	DELTA PROPERTY MANAG		WATER/SEWER OPERATION	107.72
116799	DICKS TOWING	TOWING EXPENSE-202 YKQ	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-01821	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-07667	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-18031	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-18233	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-18306	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-18432	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-19039	POLICE PATROL	43.64
116800	DIGITAL DOLPHIN SUPP	TONER	GENERAL FUND	-16.38
	DIGITAL DOLPHIN SUPP		POLICE ADMINISTRATION	196.29
116801	DOUGHERTY, JIM	REFUND ROW PERMIT FEE	STREET-N/BUS LIC & PERMIT	250.00
116802	DUNLAP INDUSTRIAL	FLASHLIGHT	FACILITY MAINTENANCE	43.87
	DUNLAP INDUSTRIAL	WIRE BRUSHES, DRILL BITS AND G	FACILITY MAINTENANCE	145.52
116803	E&E LUMBER	HASP AND FASTENERS	SOURCE OF SUPPLY	8.16
	E&E LUMBER	HOOP, HASP, BIT AND FASTENERS	SOURCE OF SUPPLY	18.60
	E&E LUMBER	TARP	POLICE PATROL	32.45
	E&E LUMBER	LUMBER, FASTENERS AND HARDWARE	WATER CROSS CNTL	70.29
	E&E LUMBER	COMBO LOCKS	WASTE WATER TREATMENT F	104.68
	E&E LUMBER	LUMBER AND HARDWARE	ROADSIDE VEGETATION	151.02
	E&E LUMBER	TRAFFIC SAFETY STUDY SUPPLIES	TRANSPORTATION MANAGEM	153.20
116804	EMERALD HILLS	COFFEE SUPPLIES	BAXTER CENTER APPRE	137.72
116805	ENTERPRISE RENTAL	CAR RENTAL-BEARCAT	DRUG ENFORCEMENT	119.50
116806	ENVIRONMENTAL RES	DISSOLVED OXYGEN	WASTE WATER TREATMENT F	100.24
	ENVIRONMENTAL RES	SOLIDS, COLIFORM, PH DEMAND AN	WASTE WATER TREATMENT F	454.24
116807	EVERETT STEEL CO	SQUARE STOCK	SEWER LIFT STATION	84.18
116808	EVERETT, CITY OF	ANIMAL CASE-MP17-09606	COMMUNITY SERVICES UNIT	53.00
	EVERETT, CITY OF	ANIMAL CASE-HAZEL	COMMUNITY SERVICES UNIT	179.20
	EVERETT, CITY OF	LAB ANALYSIS	WASTE WATER TREATMENT F	1,554.30
116809	FEDEX	SHIPPING EXPENSE	PUMPING PLANT	3.79
116810	FERRELLGAS	PROPANE CHARGES	ROADWAY MAINTENANCE	68.34
	FERRELLGAS		TRAFFIC CONTROL DEVICES	68.34
116811	FIRE PROTECTION INC	NOTICE FEE	PUBLIC SAFETY BLDG	35.00
	FIRE PROTECTION INC		GOLF ADMINISTRATION	35.00
	FIRE PROTECTION INC	INSPECTION AND NOTICE FEES	WATER FILTRATION PLANT	205.20
116812	FITCH, JOSEPH & VICK		WATER/SEWER OPERATION	11.53
116813	FLOE, JESSICA	REFUND SPECIAL EVENT FEES	PARKS-RECREATION	35.00
116814	FRONTIER COMMUNICATI	ACCT #36065894930725005	POLICE INVESTIGATION	30.85
	FRONTIER COMMUNICATI		RECREATION SERVICES	30.86
	FRONTIER COMMUNICATI	ACCT #36065150331108105	EXECUTIVE ADMIN	32.79
	FRONTIER COMMUNICATI	ACCT #36065852920604075	PERSONNEL ADMINISTRATIO	82.30
	FRONTIER COMMUNICATI		MUNICIPAL COURTS	230.49
116815	GALLS, LLC	UNIFORM-BOGGS	COMMUNITY SERVICES UNIT	82.56
	GALLS, LLC		COMMUNITY SERVICES UNIT	102.37
116816	GARCIA, SALVADOR & L		WATER/SEWER OPERATION	36.02
116817	GARDNER, CHARLES	WATER/SEWER CONSERVATION REBAT	UTIL ADMIN	49.00
116818	GEIST, LOIS	REIMBURSE CDL RENEWAL FEES	UTIL ADMIN	102.00
116819	GEMPLER'S	SPRAY GUN	CITY STREETS	-5.26
	GEMPLER'S		ROADSIDE VEGETATION	63.06
116820	GENUINE AUTO GLASS	WINDSHIELD REPLACEMENT	EQUIPMENT RENTAL	103.36
116821	GIESLER, ZANETTE	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
116822	GLOBALSTAR INC.	PHONE CHARGES	OFFICE OPERATIONS	78.06
116823	GOVCONNECTION INC	BATTERY CREDIT	FACILITY REPLACEMENT	-1,283.66
	GOVCONNECTION INC		FACILITY REPLACEMENT	-435.83

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116823	GOVCONNECTION INC	BATTERY CREDIT	FACILITY REPLACEMENT	-5.91
	GOVCONNECTION INC	BATTERY	FACILITY REPLACEMENT	429.92
	GOVCONNECTION INC	APC BATTERY	FACILITY REPLACEMENT	1,301.31
116824	GRAINGER	RETURN WRENCH SET	WASTE WATER TREATMENT F	-180.29
	GRAINGER	SLEEVE ANCHORS	PUMPING PLANT	36.39
	GRAINGER	RAIN GAUGE	WASTE WATER TREATMENT F	41.63
	GRAINGER	THERMOMETER	WASTE WATER TREATMENT F	44.34
	GRAINGER	WRENCH SET AND BINDER	WASTE WATER TREATMENT F	263.42
	GRAINGER		WASTE WATER TREATMENT F	285.28
116825	GRAY AND OSBORNE	PROFESSIONAL SERVICES	SURFACE WATER CAPITAL PF	400.89
	GRAY AND OSBORNE		SURFACE WATER CAPITAL PF	400.89
	GRAY AND OSBORNE		SURFACE WATER CAPITAL PF	601.34
116826	GRIFFEN, CHRIS	PUBLIC DEFENDER	PUBLIC DEFENSE	262.50
	GRIFFEN, CHRIS		PUBLIC DEFENSE	300.00
	GRIFFEN, CHRIS		PUBLIC DEFENSE	300.00
	GRIFFEN, CHRIS		PUBLIC DEFENSE	300.00
116827	HAHN, JENNIFER LISA	ENTERTAINMENT 5/23/17	OPERA HOUSE	100.00
116828	HANDLEY, MICHAEL		WATER/SEWER OPERATION	93.80
116829	HARBOR MARINE MAINT.	LIFE JACKETS	WASTE WATER TREATMENT F	294.52
116830	HARVEY, SHON & JENNI		WATER/SEWER OPERATION	120.42
116831	HD FOWLER COMPANY	COUPLINGS	STORM DRAINAGE	110.82
	HD FOWLER COMPANY	FILTER WRAP FABRIC	STORM DRAINAGE	176.74
	HD FOWLER COMPANY	SAMPLING STATION	WATER QUAL TREATMENT	4,815.50
116832	HERC RENTALS INC	CHIPPING HAMMER RENTAL	ROADWAY MAINTENANCE	539.50
116833	HERITAGE BANK	RELEASE RETAINAGE ON PAY ESTIM	SURFACE WATER CAPITAL PF	24,550.30
116834	HESELT VAN DINTER,		WATER/SEWER OPERATION	40.68
116835	HOBBS, MARK		WATER/SEWER OPERATION	30.73
116836	HOLLAND, CHRIS	REIMBURSE ADMIN PROFESSIONAL D	UTIL ADMIN	15.88
	HOLLAND, CHRIS		COMMUNITY DEVELOPMENT-	111.72
116837	HOTS, SCOTT		WATER/SEWER OPERATION	5.91
116838	INTERSTATE AUTO PART	LED LIGHTS AND HALOGEN HEADLAM	ER&R	1,208.52
116839	IRON MOUNTAIN	CHIPS	STORM DRAINAGE	325.61
	IRON MOUNTAIN		STORM DRAINAGE	367.86
	IRON MOUNTAIN		STORM DRAINAGE	680.19
116840	JACOBSEN, TRACY	REIMBURSE MILEAGE	MUNICIPAL COURTS	34.78
116841	KAISER PERMANENTE	IMMUNIZATIONS	EXECUTIVE ADMIN	236.00
116842	KAR GOR INC	CAMERAS W/EXTRA WIRES AND CONN	TRANSPORTATION MANAGEM	1,636.50
116843	KING, TIM	REIMBURSE CDL RENEWAL FEES	UTIL ADMIN	102.00
116844	KNOWLTON, LINDA	REIMBURSE SPECIAL EVENT FEES	PARKS-RECREATION	45.00
	KNOWLTON, LINDA		PARKS-RECREATION	45.00
116845	KRUSE, ROGER		WATER/SEWER OPERATION	20.82
116846	LAI, HOA		WATER/SEWER OPERATION	111.72
	LAI, HOA		WATER/SEWER OPERATION	248.69
116847	LANDAU, JOHN		WATER/SEWER OPERATION	260.12
116848	LASTING IMPRESSIONS	UNIFORM-DAVIS	COMMUNITY SERVICES UNIT	227.50
	LASTING IMPRESSIONS	UNIFORM-LEE	COMMUNITY SERVICES UNIT	227.50
116849	LEMONDE LLC		WATER/SEWER OPERATION	23.93
116850	LOOMIS	ARMORED TRUCK SERVICE	COMMUNITY DEVELOPMENT-	97.30
	LOOMIS		UTIL ADMIN	97.30
	LOOMIS		GOLF ADMINISTRATION	155.68
	LOOMIS		UTILITY BILLING	194.60
	LOOMIS		POLICE ADMINISTRATION	389.20
	LOOMIS		MUNICIPAL COURTS	389.20
116851	LOWES HIW INC	BROOM, CABLE TIE MOUNTS AND CA	STORM DRAINAGE	15.82
	LOWES HIW INC		SEWER MAIN COLLECTION	15.82
	LOWES HIW INC	LUMBER AND HOOKS	SEWER MAIN COLLECTION	42.54
	LOWES HIW INC		STORM DRAINAGE	42.55
	LOWES HIW INC	PLASTIC BINS	WATER CROSS CNTL	46.16
116852	MANOR HARDWARE	NAILS, LINE, PRY BAR AND CAULK	MAINT OF GENL PLANT	137.98
116853	MARYSVILLE PRINTING	INVITATIONS AND ENVELOPES	NON-DEPARTMENTAL	45.34
	MARYSVILLE PRINTING	ENVELOPES	FINANCE-GENL	68.73

**CITY OF MARYSVILLE  
 INVOICE LIST**

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<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116853	MARYSVILLE PRINTING	INVITATIONS AND ENVELOPES	EXECUTIVE ADMIN	85.25
	MARYSVILLE PRINTING		LEGAL-GENL	85.25
	MARYSVILLE PRINTING	BUSNISS CARDS	COMMUNITY SERVICES UNIT	343.67
116854	MARYSVILLE SCHOOL	MITIGATION FEES	SCHOOL MIT FEES	7,760.00
116855	MARYSVILLE, CITY OF	UTILITY SERVICE-4800 152ND AVE	RECREATION SERVICES	52.32
	MARYSVILLE, CITY OF	UTILITY SERVICE-1326 1ST ST #B	STORM DRAINAGE	107.15
	MARYSVILLE, CITY OF	UTILITY SERVICE-1218 ST ST FIR	PUBLIC SAFETY BLDG	118.32
	MARYSVILLE, CITY OF	UTILITY SERVICE-514 DELTA AVE	PARK & RECREATION FAC	120.57
	MARYSVILLE, CITY OF	UTILITY SERVICE-1612 1ST ST	GMA - STREET	140.21
	MARYSVILLE, CITY OF	UTILITY SERVICE-1218 ST ST OFF	PUBLIC SAFETY BLDG	156.37
	MARYSVILLE, CITY OF	UTILITY SERVICE-1510 ST ST	GMA - STREET	188.98
	MARYSVILLE, CITY OF	UTILITY SERVICE-61 STATE AVE	PARK & RECREATION FAC	200.25
116856	MCGILL, ANITA	REFUND CLASS FEES	PARKS-RECREATION	35.00
	MCGILL, ANITA		PARKS-RECREATION	35.00
116857	MENNIE, CONNIE	REIMBURSE MILEAGE/PARKING/MEET	EXECUTIVE ADMIN	124.54
	MENNIE, CONNIE		EXECUTIVE ADMIN	218.56
116858	MERRITT, KELLY	REFUND SPECIAL EVENT FEES	PARKS-RECREATION	35.00
116859	MESSERLY, CONNIE	REIMBURSE WELLNESS SUPPLIES	PERSONNEL ADMINISTRATIO	17.76
116860	MILES, GARY	WATER/SEWER CONSERVATION REBAT	UTIL ADMIN	50.00
116861	MODULAR SPACE	TRAILER RENTAL	WATER QUAL TREATMENT	97.99
	MODULAR SPACE		WASTE WATER TREATMENT F	97.99
	MODULAR SPACE		STORM DRAINAGE	98.00
116862	MORIN, MICHELE	REFUND CLASS FEES	PARKS-RECREATION	70.00
116863	MORRISON, ALLISON	REIMBURSE MILEAGE	MUNICIPAL COURTS	34.78
116864	MOTOR TRUCKS	CHAMBER CREDIT	EQUIPMENT RENTAL	-58.43
	MOTOR TRUCKS	BOLT KIT	EQUIPMENT RENTAL	15.77
	MOTOR TRUCKS	SLACK ADJUSTERS	EQUIPMENT RENTAL	667.69
116865	NELSON PETROLEUM	OIL	WASTE WATER TREATMENT F	845.75
116866	NORTH SOUND HOSE	FITTINGS	WATER DIST MAINS	53.86
116867	NORTHSTAR CHEMICAL	SODIUM HYPOCHLORITE CREDIT-TAX	WASTE WATER TREATMENT F	-2,860.20
	NORTHSTAR CHEMICAL	SODIUM HYPOCHLORITE	WATER QUAL TREATMENT	1,577.60
	NORTHSTAR CHEMICAL		WASTE WATER TREATMENT F	2,860.20
	NORTHSTAR CHEMICAL		WASTE WATER TREATMENT F	3,120.48
116868	NORTHWESTERN AUTO	REPAINT ROOF #P136	EQUIPMENT RENTAL	663.55
116869	NYITRAY, SANDRA	INSTRUCTOR SERVICES	COMMUNITY CENTER	18.00
116870	OFFICE DEPOT	OFFICE SUPPLIES	STORM DRAINAGE	3.01
	OFFICE DEPOT		WASTE WATER TREATMENT F	3.01
	OFFICE DEPOT		STORM DRAINAGE	3.52
	OFFICE DEPOT		WASTE WATER TREATMENT F	3.52
	OFFICE DEPOT		CITY CLERK	43.95
	OFFICE DEPOT		UTIL ADMIN	49.39
	OFFICE DEPOT		ENGR-GENL	49.40
	OFFICE DEPOT		STORM DRAINAGE	61.68
	OFFICE DEPOT		WASTE WATER TREATMENT F	61.68
	OFFICE DEPOT		STORM DRAINAGE	68.71
	OFFICE DEPOT		WASTE WATER TREATMENT F	68.71
	OFFICE DEPOT		FINANCE-GENL	91.20
	OFFICE DEPOT		COMMUNITY DEVELOPMENT-	114.52
	OFFICE DEPOT		COMMUNITY DEVELOPMENT-	118.14
	OFFICE DEPOT		COMMUNITY DEVELOPMENT-	127.59
	OFFICE DEPOT		POLICE PATROL	190.32
	OFFICE DEPOT		COMMUNITY DEVELOPMENT-	269.80
116871	PACIFIC POWER BATTER	BATTERIES	POLICE INVESTIGATION	92.13
116872	PACWEST MACHINERY	TYMCO TRAINING (3)	TRAINING	180.00
116873	PARTS STORE, THE	LUG NUTS	EQUIPMENT RENTAL	13.75
	PARTS STORE, THE	CLEANER	EQUIPMENT RENTAL	36.98
	PARTS STORE, THE	DRAIN PANS	EQUIPMENT RENTAL	46.08
	PARTS STORE, THE	FILTERS, WIPER BLADES AND LIGH	ER&R	134.04
	PARTS STORE, THE	MODULE CONNECTOR WIRING HARNES	EQUIPMENT RENTAL	271.24
	PARTS STORE, THE	STEEL HOPPER	EQUIPMENT RENTAL	961.38
116874	PASADO'S SAFE HAVEN	ANIMAL CASE MP15-0776	COMMUNITY SERVICES UNIT	1,632.25

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116875	PEACE OF MIND	MINUTE TAKING SERVICE	COMMUNITY DEVELOPMENT-	163.20
116876	PELLHAM, KEVIN & AN		WATER/SEWER OPERATION	2.53
116877	PENNEY, JOAN	ENTERTAINMENT 6/15/17	OPERA HOUSE	300.00
116878	PETTY CASH- POLICE	REIMBURSE PARKING/KEYS/SUPPLIE	YOUTH SERVICES	6.00
	PETTY CASH- POLICE		POLICE ADMINISTRATION	6.00
	PETTY CASH- POLICE		POLICE PATROL	6.80
	PETTY CASH- POLICE		K9 PROGRAM	11.59
	PETTY CASH- POLICE		DETENTION & CORRECTION	19.57
	PETTY CASH- POLICE		POLICE INVESTIGATION	48.88
116879	PGC INTERBAY LLC	PROFESSIONAL SERVICES	MAINTENANCE	12.01
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	MAINTENANCE	33.87
	PGC INTERBAY LLC		PRO-SHOP	44.06
	PGC INTERBAY LLC		MAINTENANCE	44.06
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	MAINTENANCE	46.01
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	MAINTENANCE	57.14
	PGC INTERBAY LLC		PRO-SHOP	58.69
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	69.00
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	109.15
	PGC INTERBAY LLC		PRO-SHOP	112.02
	PGC INTERBAY LLC		MAINTENANCE	120.25
	PGC INTERBAY LLC		MAINTENANCE	126.34
	PGC INTERBAY LLC		MAINTENANCE	128.54
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	218.21
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	230.42
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	314.16
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	425.06
	PGC INTERBAY LLC		MAINTENANCE	555.35
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	728.65
	PGC INTERBAY LLC		MAINTENANCE	734.44
	PGC INTERBAY LLC		GOLF COURSE	970.00
	PGC INTERBAY LLC		MAINTENANCE	1,015.43
	PGC INTERBAY LLC		PRO-SHOP	1,065.00
	PGC INTERBAY LLC		MAINTENANCE	1,636.17
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	5,776.53
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	MAINTENANCE	6,392.65
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	MAINTENANCE	7,249.02
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	GOLF COURSE	7,252.91
116880	PICTOMETRY INT CORP	PICTOMETRY FOR ESRI WEB APPBUI	ADMIN-EXECUTIVE	2,171.09
116881	PLATT ELECTRIC	VOLTAGE METER	FACILITY MAINTENANCE	23.78
	PLATT ELECTRIC	MONITORING PANEL SUPPLIES	WATER RESERVOIRS	58.52
116882	POSTAL SERVICE	POSTAGE	OFFICE OPERATIONS	1,200.00
116883	PUD	RELOCATE OVERHEAD SERVICE TO C	WATER CAPITAL PROJECTS	8,716.00
116884	PUD	ACCT #2011-4209-8	PARK & RECREATION FAC	7.83
	PUD	ACCT #2042-6262-0	TRAFFIC CONTROL DEVICES	15.88
	PUD	ACCT #2042-5946-9	TRAFFIC CONTROL DEVICES	16.44
	PUD	ACCT #2042-6034-3	TRAFFIC CONTROL DEVICES	16.44
	PUD	ACCT #2054-8182-3	GOLF ADMINISTRATION	16.44
	PUD	ACCT #2024-6102-6	MAINT OF GENL PLANT	19.20
	PUD	ACCT #2211-1593-4	MAINT OF GENL PLANT	22.32
	PUD	ACCT #2009-7395-6	SEWER LIFT STATION	24.44
	PUD	ACCT #2200-2050-7	STREET LIGHTING	25.39
	PUD	ACCT #2005-0161-7	TRANSPORTATION MANAGEM	25.80
	PUD	ACCT #2011-4215-5	TRANSPORTATION MANAGEM	34.09
	PUD	ACCT #2004-4880-1	TRANSPORTATION MANAGEM	38.20
	PUD	ACCT #2048-2969-1	STREET LIGHTING	38.66
	PUD	ACCT #2022-9424-5	SEWER LIFT STATION	45.54
	PUD	ACCT #2039-9634-3	STREET LIGHTING	54.77
	PUD	ACCT #2006-6043-9	STREET LIGHTING	55.80
	PUD	ACCT #2000-6146-3	PARK & RECREATION FAC	57.60
	PUD	ACCT #2206-8134-0	STORM DRAINAGE	81.98
	PUD	ACCT #2016-2888-0	WASTE WATER TREATMENT F	100.97

**CITY OF MARYSVILLE  
 INVOICE LIST**

**FOR INVOICES FROM 5/11/2017 TO 5/17/2017**

<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116884	PUD	ACCT #2032-9121-6	GENERAL SERVICES - OVERF	103.98
	PUD	ACCT #2019-0963-7	SEWER LIFT STATION	105.10
	PUD	ACCT #2010-4638-0	PARK & RECREATION FAC	171.66
	PUD	ACCT #2200-2051-1	STREET LIGHTING	224.01
	PUD	ACCT #2021-7733-3	MAINT OF GENL PLANT	624.60
	PUD	ACCT #2015-8728-4	WASTE WATER TREATMENT F	811.71
	PUD	ACCT #2000-2187-1	COURT FACILITIES	916.49
	PUD	ACCT #2016-1747-9	CITY HALL	1,118.57
	PUD	ACCT #2016-3968-9	MAINT OF GENL PLANT	1,342.53
116885	QUIL CEDA COMMUNITY		WATER/SEWER OPERATION	40.92
116886	RAM SPV II, LLC	MODULAR BLDG RENTALS	STORM DRAINAGE	436.40
	RAM SPV II, LLC		SEWER SERV MAINT	436.40
116887	REAL PROPERTY ASSOCI		WATER/SEWER OPERATION	16.81
116888	RH2 ENGINEERING INC	PROFESSIONAL SERVICES	WATER CAPITAL PROJECTS	7,210.36
116889	RHEMA ELECTRIC, LLC	REFUND ELECTRICAL PERMIT FEES	COMMUNITY DEVELOPMENT	75.00
116890	ROMERO, MICHELLE		WATER/SEWER OPERATION	24.91
116891	ROSEMOUNT ANALYTICAL	#4 PUMP REPAIR	PUMPING PLANT	1,589.42
116892	ROY ROBINSON	DIAGNOSE AND REPAIR #P145	EQUIPMENT RENTAL	1,306.84
116893	SAFEWAY INC.	MEETING SUPPLIES	UTIL ADMIN	48.59
116894	SAFEWAY INC.	SPECIAL EVENT SUPPLIES	OPERA HOUSE	28.32
	SAFEWAY INC.		RECREATION SERVICES	136.42
116895	SCHMITZ, ISABEL		WATER/SEWER OPERATION	301.98
116896	SCHULZE, RAYMOND		GARBAGE	5.81
116897	SCORE	INMATE HOUSING	DETENTION & CORRECTION	21,212.10
116898	SHRED-IT US	MONTHLY SHREDDING SERVICE	CITY CLERK	4.56
	SHRED-IT US		UTIL ADMIN	4.56
	SHRED-IT US		ENGR-GENL	4.56
	SHRED-IT US		COMMUNITY DEVELOPMENT-	4.56
	SHRED-IT US		LEGAL - PROSECUTION	11.19
	SHRED-IT US		EXECUTIVE ADMIN	11.20
	SHRED-IT US		POLICE PATROL	24.72
	SHRED-IT US		OFFICE OPERATIONS	30.00
116899	SISKUN POWER EQUIPME	ENGINE OIL	ER&R	415.98
116900	SIX ROBBLEES INC	PLUGS, BRACKETS AND BOOTS	ER&R	79.64
116901	SMOKEY POINT CONCRET	DRAIN ROCK	STORM DRAINAGE	208.57
	SMOKEY POINT CONCRET	ROCK	STORM DRAINAGE	860.37
116902	SNOPAC	DISPATCH SERVICES	COMMUNICATION CENTER	81,868.03
116903	SNYDER, CANON	MC/DJ SERVICES	RECREATION SERVICES	1,500.00
116904	SOUND PUBLISHING	LEGAL ADS	COMMUNITY DEVELOPMENT-	487.88
116905	SOUND SAFETY	GLOVE CREDIT	ER&R	-55.29
	SOUND SAFETY	BOOT LACES-SPRAGUE	UTIL ADMIN	14.81
	SOUND SAFETY	OVERALLS	ER&R	129.68
	SOUND SAFETY	GLOVES	ER&R	138.22
	SOUND SAFETY	JEANS-DOUGLAS	SOLID WASTE OPERATIONS	142.34
	SOUND SAFETY	GLOVES	DETENTION & CORRECTION	234.89
	SOUND SAFETY	JEANS & BOOTS-PETEK	UTIL ADMIN	275.02
	SOUND SAFETY	GLOVES	ER&R	297.84
116906	SRV CONSTRUCTION	PAY ESTIMATE #5	SURFACE WATER CAPITAL PF466,	455.75
116907	STATE PATROL	FINGERPRINT ID SERVICES	GENERAL FUND	376.00
116908	STELTZ, INEZ		WATER/SEWER OPERATION	24.67
116909	STRATEGIES 360	PROFESSIONAL SERVICES	GENERAL SERVICES - OVERF	4,125.00
	STRATEGIES 360		WASTE WATER TREATMENT F	4,125.00
	STRATEGIES 360		UTIL ADMIN	5,500.00
116910	SUPPLYWORKS	JANITORIAL SUPPLIES	COURT FACILITIES	195.61
	SUPPLYWORKS		MAINT OF GENL PLANT	218.30
	SUPPLYWORKS		UTIL ADMIN	243.42
	SUPPLYWORKS		CITY HALL	301.87
	SUPPLYWORKS		PUBLIC SAFETY BLDG	377.53
116911	TEAMSTERS PENSION	PENSION AUDIT FINDINGS 1/1/13-	FINANCE-GENL	1,156.65
116912	THOMAS, MICHELE		WATER/SEWER OPERATION	12.70
116913	TIRE DISPOSAL & RECY	TIRE DISPOSAL	MAINT OF GENL PLANT	449.70

**CITY OF MARYSVILLE  
 INVOICE LIST**

**FOR INVOICES FROM 5/11/2017 TO 5/17/2017**

<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116914	TOCCO, LEAH	REIMBURSE SNO CO UPDATE-NEHRIN	EXECUTIVE ADMIN	30.00
116915	TOMMINGER, HELEN	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
116916	UNITED PARCEL SERVIC	SHIPPING EXPENSE	POLICE PATROL	136.24
116917	USA BLUEBOOK	HYDRANT OIL	WATER DIST MAINS	202.16
116918	USSSA WASHINGTON STA	USSSA REGISTRATION	RECREATION SERVICES	440.00
116919	UTILITIES SERVICE CO	REBUILD PUMP MARYSVILLE WEST	SEWER LIFT STATION	3,231.56
116920	VAN DAM'S ABBEY	TWO PLATFORMS AND LABOR-COURT	COURT FACILITIES	2,044.53
116921	WAPRO	2017 WAPRO SPRING CONFERENCE-B	CITY CLERK	200.00
	WAPRO	2017 WAPRO SPRING CONFERENCE-O	CITY CLERK	200.00
116922	WEBCHECK	WEBCHECK SERVICES	UTILITY BILLING	1,767.42
116923	WELCH, VANESSA	REIMBURSE MILEAGE	MUNICIPAL COURTS	34.78
116924	WEST PAYMENT CENTER	WEST INFORMATION CHARGES	POLICE INVESTIGATION	246.41
	WEST PAYMENT CENTER		LEGAL - PROSECUTION	425.49
	WEST PAYMENT CENTER		LEGAL-GENL	425.50
116925	WESTERN PETERBILT	WINDSHIELD	EQUIPMENT RENTAL	149.51
116926	WHEELEN, TODD & MICH		GARBAGE	17.79
116927	WIDE FORMAT COMPANY	MAINTENANCE AGREEMENT KIP PRIN	UTIL ADMIN	106.92
116928	ZUMAR INDUSTRIES	YIELD SIGNS	TRANSPORTATION MANAGEM	1,867.25

**WARRANT TOTAL: 888,621.82**

CHECK #116518      INITIATOR ERROR      (612.86)

**888,008.96**

- REASON FOR VOIDS:**  
 UNCLAIMED PROPERTY  
 INITIATOR ERROR  
 WRONG VENDOR  
 CHECK LOST/DAMAGED IN MAIL

# *Index #4*



**CITY OF MARYSVILLE**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b> Payroll	<b>AGENDA SECTION:</b>	
<b>PREPARED BY:</b> Sandy Langdon, Finance Director	<b>AGENDA NUMBER:</b>	
<b>ATTACHMENTS:</b> Blanket Certification	<b>APPROVED BY:</b>	
	MAYOR	CAO
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>	

**RECOMMENDED ACTION:**

The Finance and Executive Departments recommend City Council approve the May 19, 2017 payroll in the amount \$997,555.04, EFT Transactions and Check No.'s 30751 through 30794.

**COUNCIL ACTION:**

# *Index #8*

**CITY OF MARYSVILLE AGENDA BILL****EXECUTIVE SUMMARY FOR ACTION****CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
Agreement for small capital projects with Snohomish County	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Jim Ballew	
<b>DEPARTMENT:</b>	
Parks, Culture and Recreation	
<b>ATTACHMENTS:</b>	
Agreement	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
	\$5,000.00
<b>SUMMARY:</b>	

Staff had applied for grant funding to the Snohomish County Small Capital Projects Partnership Project to assist in the replacement of fencing at the Strawberry Fields for Rover Park. The Marysville Dog Owners Group (MDOG) has pledged support of an additional \$5,000 for a total project of \$10,000.00

Work will commence this summer to replace or repair fencing sections affected by age and weather impacts.

**RECOMMENDED ACTION:**

Staff recommends the City Council consider authorizing the Mayor to sign the Snohomish County Small Capital Projects Partnership Project Agreement for \$5,000.00 in funding to assist in the completion of the fencing project.

AGENCY: City of Marysville  
 CONTACT PERSON: Jim Ballew  
 ADDRESS: 6915 Armar Road  
 Marysville, WA 98270  
 TELEPHONE/FAX NUMBER: 360.363.8400  
 COUNTY DEPT: Snohomish County Council  
 DEPT. CONTACT PERSON: Carol Taber  
 TELEPHONE/FAX NUMBER: 425-388-3585/425-388-3496  
 PROJECT: Off-Leash Dog Park Fence Replacement  
 AMOUNT: \$5,000  
 FUND SOURCE: 191-5167005204  
 CONTRACT DURATION: Through December 31, 2017

#### **AGREEMENT FOR SMALL CAPITAL PROJECTS PARTNERSHIP PROJECT**

THIS AGREEMENT (the "Agreement") is made by and between SNOHOMISH COUNTY, a political subdivision of the State of Washington (the "County"), and the CITY OF MARYSVILLE, a municipal corporation in the State of Washington (the "Agency").

#### RECITALS

WHEREAS, RCW 82.46.035 authorized counties planning under the Growth Management Act the authority to levy an additional quarter percent tax on all sales of real estate; and

WHEREAS, by that legislation, this additional quarter percent tax on sales of real estate must be used solely on capital projects that are listed in a capital facilities plan; and

WHEREAS, capital projects are defined as public works projects of a local government for planning, acquisition, construction, reconstruction, repair, replacement, rehabilitation or improvement of streets, roads, highways, sidewalks, street and road lighting systems, traffic signals, bridges, domestic water systems, storm and sanitary sewer systems; and planning, construction, reconstruction, repair, rehabilitation, or improvement of parks; and

WHEREAS, by Ordinance No. 16-097, adopted November 14, 2016, the Snohomish County Council provided funding within the Real Estate Excise Tax Fund for an application process for a Small Capital Projects Partnership (SCPP) grant program; and

WHEREAS, applications for the SCPP grants were received when due, March 31, 2017; and

WHEREAS, a review team evaluated and ranked the applications and made recommendations to County Council on April 25, 2017; and

WHEREAS, the Agency's project was one of ten (10) projects recommended by the review team and authorized by the County Council for funding by Motion 17-129 approved on May 3, 2017;

WHEREAS, the County determined that the Agency's project is eligible for the SPPP grant funding; and

NOW, THEREFORE, in consideration of the mutual benefits and covenants contained herein, the parties agree as follows:

**1. Purpose of Agreement; Project Scope.** The purpose of this Agreement is to provide funding for the Agency's off-leash dog park fence replacement.

**2. Term; Time of Performance.** This Agreement shall be effective on the date on which it has been executed by authorized representatives of both parties and shall expire on December 31, 2017. The Agency shall commence Project work immediately and complete the Project work required by this Agreement no later than December 31, 2017.

**3. Reimbursement of Project Expenses.** Subject to Section 6 hereof and upon the completion of the Project to the satisfaction of the County, the County will reimburse the Agency for Project expenses as set forth in the Project budget in Appendix A. The Agency shall submit a request for reimbursement for Project expenses supported by detailed statements, including a W-9 form and invoices from third parties incident to those Project expenses, if any, indicating Project work performed as appropriate and consistent with the schedule of Project work outlined in Appendix A. Total requests for reimbursement for this Project shall not exceed \$5,000 (the "Contract Maximum").

**4. Direction and Control.** The Agency agrees that it will perform the Project work under this Agreement as an independent contractor and not as an agent, employee, or servant of the County. The parties agree that neither the Agency nor its employees are entitled to any benefits or rights enjoyed by employees of the County. The Agency specifically has the right to direct and control Agency's own activities in performing the Project work in accordance with the specifications set out in this Agreement. The County shall only have the right to ensure performance. Nothing in this Agreement shall be construed to render the parties partners or joint ventures.

**5. Changes.** No changes or additions shall be made in this Agreement except as agreed to by both parties, reduced to writing and executed with the same formalities as are required for the execution of this Agreement.

**6. Indemnifications and Hold Harmless.** Except for the sole negligence of the County, the Agency shall indemnify and hold harmless the County, its officers, officials, agents and employees, from and against any and all suits, claims, actions, losses, costs, penalties and

damages of whatsoever kind or nature which are in any way resulting from Agency's activities and/or services associated with this Agreement. The duty to indemnify and hold the County harmless shall not extend to any claim regarding the Agency's eligibility to receive grant funding, unless such claim arises out of a misrepresentation by the Agency to the County that the County reasonably relied upon to its detriment.

In the event the County incurs attorney fees and/or costs in the defense of claims under this provision such attorney fees and costs shall be recoverable from the Agency. In addition Snohomish County shall be entitled to recover from the Agency its attorney fees, and costs incurred to enforce the provisions of this section.

The indemnification, protection, defense and save harmless obligations contained herein shall survive the expiration, abandonment or termination of this Agreement.

Nothing contained within this provision shall affect and/or alter the application of any other provision contained within this Agreement.

#### **7. Insurance; No Limitation.**

At execution of this Agreement, the Agency, at its own cost, shall have procured and will maintain for the duration of this Agreement, General Liability and Commercial Automobile Liability insurance with limits of not less than \$1 million combined single limit per occurrence. Agency is a member of the Washington Cities Insurance Authority (WCIA), a self-insured municipal risk pool of Washington public entities that join together for the purpose of providing liability and property financial protection to its members. Agency's membership in WCIA satisfies this insurance requirement and Agency will provide proof of its membership in WCIA upon County's request.

#### **Subcontractors:**

The Agency shall include all Subcontractors as insureds under its policies, or shall furnish separate certificates of insurance and policy endorsements for each Subcontractor. Insurance coverages provided by Subcontractors as evidence of compliance with the insurance requirements of this Agreement not provided by the Agency, shall be subject to all of the requirements stated herein.

**8. Non-Discrimination.** It is the policy of the County to reject discrimination which denies equal treatment to any individual because of his or her race, creed, color, national origin, families with children, sex, marital status, sexual orientation, age, honorably discharged veteran or military status, or the presence of any sensory, mental, or physical disability or the use of a trained dog guide or service animal by a person with a disability as provided in Washington's Law against Discrimination, Chapter 49.60 RCW, and the Snohomish County Human Rights Ordinance, Chapter 2.460 SCC. These laws protect against specific forms of discrimination in employment, credit transactions, public accommodation, housing, county facilities and services, and county contracts.

The Agency shall comply with Chapter 2.460 SCC, which is incorporated herein by this reference. Execution of this Agreement constitutes a certification by the Agency of the Agency's compliance with the requirements of Chapter 2.460 SCC. If the Agency is found to have violated

this provision, or to have furnished false or misleading information in an investigation or proceeding conducted pursuant to Chapter 2.460 SCC, this Agreement may be subject to a declaration of default and termination at the County's discretion. This provision shall not affect the Agency's obligations under other federal, state, or local laws against discrimination.

**9. Compliance with Laws.** The Agency shall comply with all other applicable federal, state and local laws, rules, and regulations in performing this Agreement.

**10. Termination.**

a. If the Agency breaches any of its obligations hereunder, and fails to cure the same within five (5) business days of written notice to do so by the County, the County may terminate this Agreement, in which case the County shall pay the Agency only for the costs of the Project work accepted by the County for reimbursement in accordance with Sections 3 and 8 hereof.

b. The County may terminate this Agreement upon thirty (30) calendar days' written notice to the Agency for any reason other than stated in paragraph a of this Section 14, in which case the County shall pay the Agency for all costs incurred by the Agency in performing this Agreement prior to the date of termination. Payment shall be made in accordance with Sections 3 and 8 hereof.

c. Termination shall not affect the rights of the County under any other section or paragraph herein.

**11. Notices.** All notices and other communications shall be in writing and shall be sufficiently given and shall be deemed given on the date on which the same has been mailed by certified mail, return receipt requested, postage prepaid, addressed as follows:

If to the County:	Snohomish County Council 3000 Rockefeller Avenue, M/S 609 Everett, Washington 98201 Attention: Carol Taber Legislative Analyst
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If to the Agency:	City of Marysville 6915 Armar Road Marysville, WA 98270 Attention: Jim Ballew, Director Parks, Culture & Recreation
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The County or the Agency may, by notice to the other given hereunder, designate any further or different addresses to which subsequent notices or other communications shall be sent.

**12 Waiver.** Failure of the County to exercise any rights or remedies under this Agreement shall not be a waiver of any rights or remedies by the County and shall not prevent the County from pursuing those rights or remedies at any future time.

**13. Nonassignment.** The Agency shall not subcontract, assign or delegate any of the rights, duties or obligations covered by this Agreement without the prior express written consent of the County.

**14. Conflicts Between Attachments and Text.** Should any conflicts exist between any attached exhibit and schedule and the text of this Agreement, the text shall prevail.

**15. Governing Law and Venue.** This Agreement shall be governed by the laws of the State of Washington. Any lawsuit regarding this Agreement must be brought in Snohomish County, Washington.

**16 Authority.** Each signatory to this Agreement represents that he or she has full and sufficient authority to execute this Agreement on behalf of the County or the Agency, as the case may be, and that upon execution of this Agreement it shall constitute a binding obligation of the County or the Agency, as the case may be.

**17. Severability.** Should any clause, phrase, sentence or paragraph of this Agreement be declared invalid or void, the remaining provisions of this Agreement shall remain in full force and effect.

**18. Complete Agreement.** This Agreement constitutes the entire understanding of the parties. Any written or verbal agreements that are not set forth herein or incorporated herein by reference are expressly excluded.

SNOHOMISH COUNTY:


AGENCY:

\_\_\_\_\_  
County Council

Date: \_\_\_\_\_

Date: \_\_\_\_\_

Approved as to form only:

  
\_\_\_\_\_  
Counsel to the Agency

5-30-17  
Date





**APPENDIX A**  
**SCOPE OF WORK**  
**AND PROJECT BUDGET**

AGENCY: City of Marysville

PROJECT: Off-Leash Dog Park Fence Replacement

SCOPE OF WORK

1. The Agency will be reimbursed by the County for Project work, including eligible expenses incurred in executing the Project, pursuant to the Agreement in an amount not to exceed the Contract Maximum of \$5,000.
2. The Agency shall replace 190 treated fence system posts that have failed, along with 75 crossing rail boards.

Expenses eligible for reimbursement under the Agreement are defined as those listed in the 'COUNTY' line of the Project Budget below and, to the extent not inconsistent with this Appendix A. Invoices submitted to the County by the Agency will include itemized invoices from third parties, if any, for all eligible expenditures for which the Agency seeks reimbursement. In order to ensure timely closeout of the Project, the Agency shall submit its final invoice to the County no later than thirty (30) calendar days after completion of the Project work to be reimbursed pursuant to this Agreement, PROVIDED THAT, in no event shall billings submitted after that date to be paid by the County and PROVIDED FURTHER, that the aggregate of all billings submitted by the Agency and paid by the County pursuant to this Agreement shall not exceed the Contract Maximum of \$5,000.

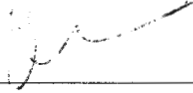
PROJECT BUDGET

Total Project Cost:	\$ 10,000	
County SCPP Grant Funds:	\$ 5,000	
Supporting entity contribution	\$ 5,000	Marysville Dog Owners Group

# *Index #9*

**CITY OF MARYSVILLE AGENDA BILL**  
**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: 6/12/2017**

<b>AGENDA ITEM:</b>	
Project Acceptance – Ebey Waterfront Trail	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Jeff Laycock, City Engineer	
<b>DEPARTMENT:</b>	
Engineering	
<b>ATTACHMENTS:</b>	
Physical Completion Letter	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
310000763.563000, P1301 40142480.541000	\$N/A
<b>SUMMARY:</b>	
<p>The second phase of the Ebey Waterfront Trail project included furnishing and installing site signage, site furnishings, precast concrete pavers, concrete curb and slab, fencing and gates, irrigation system and plantings. The fence was paid for by the utility fund.</p> <p>The project is funded in part by the Aquatic Lands Enhancement Account (ALEA) grant. The grant requires a 50% match.</p> <p>The project was awarded to Wyser Construction Co. Inc. on October 12, 2016 in the amount of \$349,912.07. The project was completed on April 21 at a total cost of \$351,660.94, which was \$1,748.87 or 0.5% higher than the original bid price.</p>	

**RECOMMENDED ACTION:**

Staff recommends that Council authorize the Mayor to accept the Ebey Waterfront Trail project with Wyser Construction Co. Inc., starting the 45-day lien period for project closeout.



**PUBLIC WORKS**  
Kevin Nielsen, *Director*

80 Columbia Avenue  
Marysville, Washington 98270  
Phone (360) 363-8100  
Fax (360) 363-8284

April 21, 2017

Dan Reynolds, Project Manager  
Wyser Construction Co Inc.  
19015 109<sup>th</sup> Ave SE  
Snohomish, WA 98296

**Subject: Ebey Waterfront Trail Project – Notice of Physical Completion**

Dear Dan,

In accordance with Section 1-08.5 of the Standard Specifications, this project was considered physically complete as of Friday April 21, 2017.

This notification does not constitute final acceptance. Recommendation for final acceptance will be sent to the City Council for approval at the first available council meeting and after the following items have been completed:

1. Affidavit of Wages Paid for Wyser and all subcontractors
2. Submittal of all Record Drawings
3. Completion of all punch list items
4. Submit and process a final pay request

Upon obtaining all of the above documentation a notice of completion of public works project will be sent to the following:

1. Certificate of Release from the Department of Revenue
2. Certificate of Release from the Employment Security Department
3. Certificate of Release from the Department of L&I

It has been a pleasure working with Wyser on this project. I look forward to working with you on future projects.

Sincerely,

A handwritten signature in black ink, appearing to read "Ryan Morrison".

Ryan Morrison, P.E.  
Project Engineer

# *Index #10*

**CITY OF MARYSVILLE AGENDA BILL**  
**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
Janitorial Services Contract Extension	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Tonya Miranda, Interim Admin Services Manager	
<b>DEPARTMENT:</b>	
Public Works, Fleet & Facilities	
<b>ATTACHMENTS:</b>	
Amendment No. 7 to Janitorial Services Contract	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
Various	\$140,875.30
<b>SUMMARY:</b>	

In 2009, the contract for janitorial services was bid and awarded to Advantage Building Services and the City has exercised the option to renew each annual term since then. The contract can be renewed for up to eight additional years upon agreement of the State Office of Procurement, City of Marysville and Advantage Building Services.

We propose extending the contract for an additional 12 months subject to all existing terms, conditions, and specifications. The extension would be retroactive to January 1, 2017 and expire on December 31<sup>st</sup>, 2017.

**RECOMMENDED ACTION:**

Staff recommends that Council authorize the Mayor to sign and execute Amendment No. 7 to the janitorial services contract between the City of Marysville and Advantage Building Services for an annual contract price of \$140,875.30 and extend the Contract for a seventh annual term.

AMENDMENT NO. 7 TO JANITORIAL SERVICES CONTRACT  
 BETWEEN  
 THE CITY OF MARYSVILLE  
 AND  
 ADVANTAGE BUILDING SERVICES  
 Effective January 1, 2017

The City and Advantage Building Services agree to amend and modify the Contract as follows to extend the Contract for a seventh annual term.

1. Advantage Building Services will be paid a total Contract amount of \$140,875.30 for the seventh annual term extension of the Contract.
2. The Contract will be extended for a seventh annual term beginning January 1, 2017 and will end December 31st, 2017.
3. All terms, conditions and provisions of the Contract and Amendments 1, 2, 3, 4, 5 and 6 shall remain in full force and effect except as expressly modified by this Amendment.

IN WITNESS WHEREOF, the parties have executed this contract Amendment No. 7 by their duly authorized representatives to be effective the day and the year first above written.

DATED: \_\_\_\_\_

CITY OF MARYSVILLE

By \_\_\_\_\_  
 JON NEHRING, Mayor

CONTRACTOR  
 ADVANTAGE BUILDING SERVICES

By Miroslav Ponkevich  
 Its Partner  
 Address: 632 107th Pl SE  
Everett WA 98208  
 Telephone: 425-355-9287

ATTEST:

By \_\_\_\_\_  
 APRIL O'BRIEN, Deputy City Clerk

Approved as to form:

By \_\_\_\_\_  
 JON WALKER, City Attorney



# *Index #11*

**CITY OF MARYSVILLE AGENDA BILL**  
**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: 6/12/17**

<b>AGENDA ITEM:</b>	
Review of Emergency Management Service Alternatives	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Gloria Hirashima, CAO	
<b>DEPARTMENT:</b>	
Executive	
<b>ATTACHMENTS:</b>	
<ol style="list-style-type: none"> <li>1. Staff Analysis of Emergency Management Service Alternatives</li> <li>2. Interlocal Agreement for Emergency Management Services dated 2/4/16.</li> </ol>	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
<p><b>SUMMARY:</b></p> <p>The City of Marysville currently contracts with Snohomish County Department of Emergency Management for emergency management services for the City. With the City's growth stemming from the Central Marysville Annexation in 2010, Marysville began funding an in-house emergency management program in November 2014. With additional departmental trainings, emergency management plan development, community offerings like CERT and Map Your Neighborhood, the demand for additional services continues to grow. The attached staff analysis provides background on the City's current program and service alternatives. The analysis provides a comparison of service alternatives that include continued contract services through DEM, and expansion of an in-house program.</p>	

**RECOMMENDED ACTION:**

Staff recommends that Council authorize formal notice to SCDEM of its intent to withdraw from the current interlocal agreement effective 12/31/17 in order to expand the City's in-house emergency management program and negotiate a new agreement with SCDEM to provide specified services, such as training, in 2018.

## **EMERGENCY MANAGEMENT OPERATIONS SERVICE ALTERNATIVES**

### BACKGROUND

The City is evaluating its emergency management program (EMP) to identify appropriate service levels for the Marysville community. Marysville currently contracts with the Snohomish County Department of Emergency Management (DEM) for emergency management services. Our current interlocal agreement provides that the City notice SCDDEM of its intent to terminate the interlocal agreement by June 15 of the calendar year. If the City intended to operate its own emergency management program beginning in 2018, notice must be issued by June 15, 2017. Evaluation of future emergency management needs includes review of basic EMP functions and an assessment of future needs.

#### Evolution of Emergency Management Program.

Prior to 2012, the city ran its emergency management program as a task assignment to various departments. We rotated the lead for coordinating the program between existing departments (Fire, Police, PW) often assigning emergency management duties to an existing staff position within the department. We internally prepared a Comprehensive Emergency Management Plan (CEMP) and had an approved Hazard Mitigation Plan coordinated through DEM. While we did receive requests from citizens for CERT or community training and presentations, these were typically referred to outside entities such as Everett or DEM as we did not provide or coordinate those services. City departments were also able to pursue training independently, but there was minimal coordinated citywide training. In the past, reliance on an outside entity such as DEM for EMP needs was adequate. Following the Central Marysville Annexation, and the city's growth in population in 2010 to over 50,000, we began to see additional demands for community support and also a growing belief by city administration and departments that the city needed to expand our disaster preparedness program and training.

In 2014, we restructured an existing position opening, the Risk Management/Safety Officer, to include emergency management responsibilities. We reclassified the position, increasing salary and requiring candidates to demonstrate emergency management experience. The position was tasked with starting a program that included more departmental and community training. Specifically this entailed overseeing and coordinating more tabletop & disaster drill training for departments, and starting a city CERT training program.

In 2016, the City approved an additional position, the Safety Training Officer. This was proposed and approved because it was believed that the EMP needs required more than a support role or add-on to an existing position. The Safety position reports to the Risk/Emergency Manager and has taken over safety and training responsibilities for the city departments and will also be assigned risk management (claims processing to WCIA). This has allowed the Risk/Emergency Manager position to devote additional time to the growing emergency management needs.

The CERT program and additional emergency management program support was initiated in 2015 and the program development over the first two years has been promising. The City in coordination with

the Marysville Fire District (MFD) has conducted four CERT trainings and is now organizing an ongoing volunteer support effort. Additional citizen EMP support has been offered in the form of Map your neighborhood, and HAM operator training. The City updated the Hazard Mitigation Plan through DEM in 2016 and will be updating its CEMP in 2017. DEM continues to provide City training, generally 2 offerings a year in accordance with the interlocal agreement. In 2016-17 DEM has provided two EOC/tabletops at a departmental level and 1 elected leadership training.

As we have developed the EMP over the past two and a half years, the city has reached a juncture where we must determine our future goals for this function. We must determine whether the city of Marysville should more fully support disaster preparedness within the community and city departments or continue its reliance on DEM and play more of a coordinating role in plan preparation and preparedness.

### Emergency Management Program Responsibilities

All cities have a role and program in emergency preparedness. In the event of a disaster or emergency that affects our community, cities are required and expected to provide response. Response responsibilities typically rest with fire, police, and public works in the event of an earthquake, flood, train disaster, terrorist attack, crime or other triggering event. Our first responders are trained and experienced in many of these situations. To the extent that cities have these responsibilities, all cities are charged to respond at some level. It is the Mayor and City Council that should determine at what level they wish their community and city organization to prepare and respond.

The core functions of an emergency management program are the following:

- 1) Preparedness, which generally includes the following plans and activities at a minimum:
  - a. Adoption of a Comprehensive Emergency Management Plan (CEMP). The City has adopted a CEMP, and is required to update its plan by December 2017.
  - b. Adoption of a Debris Management Plan. The City adopted a plan in 2011. Snohomish Health District approved the plan in 2015.
  - c. Continuity of Operations Plan (COOP). The City does not currently have a COOP but plans to adopt one by 2018.
  - d. Training
    - i. Staff (Education, Tabletops). The City currently conducts training and tabletops with its staff, often through DEM. We have averaged 1-2 citywide departmental trainings per year over the past three years. Prior to 2012, we probably averaged 1 citywide training every 3-5 years, with some department specific emergency management occurring periodically.
    - ii. Community (CERT, Map your Neighborhood, HAM operators, Presentations, Website)
      1. CERT-The City of Marysville had not offered CERT for several years, instead referring requests to City of Everett. In 2015 the city began to offer CERT trainings for our community members, coordinated through the City and Marysville Fire District.

2. Map your Neighborhood- The City has also offered these neighborhood Map trainings although we do not have the resources to do this extensively at this time.
  3. HAM operators group support - In 2016, we began coordination of a Marysville HAM operator training in coordination with Snohomish County DEM. The City is also coordinating a Marysville segment of the County operators.
  4. Website presence – The city has an emergency management resource page.
  - e. Emergency Operations Center (EOC) Capability. The City’s Public Safety Building (PSB) currently functions as the primary EOC within the city. The PSB EOC has been activated many times over the past 25 years. The City is currently upgrading a second EOC location at the Sunnyside Reservoir. This will be completed in 2017.
- 2) Mitigation, which generally includes the following minimum plans and activity areas:
- a. Hazard Mitigation Plan – Knowledge of regional and local hazards. The City updated its Hazard Mitigation Plan in 2016. The current plan is a countywide plan developed by the University of Washington for DEM, with Marysville’s local hazards identified as an appendix to the plan.
  - b. Mitigation projects – The City has identified local projects to mitigate local hazards.
- 3) Response, which is the ability of the organization to execute its plans and respond to disasters in the event of an actual emergency. This will largely depend on having experienced, trained staff who can use judgment and deliver services consistent with a planned, coordinated response appropriate to the circumstances. Ability to respond is enhanced by organizational training and greater community education and citizen volunteer training.
- 4) Recovery, which is the longer term effort to rebuild and recover from the disaster. Depending on the scope of the disaster, recovery could take days or decades. This function includes the following, at a minimum:
- a. Disaster Recovery Plan – The City does not currently have a Disaster Recovery Plan.
  - b. Damage Assessments – Ability to assess damage of structures and infrastructure. The city has conducted damage assessments in various disasters. For a citywide disaster, such as an earthquake, training for additional staff or citizen volunteers may be necessary.
  - c. Funding (Grants, Public Assistance-federal, state, local) – Ability to access available funding to repair damage and support recovery. In recent disasters, such as windstorm and flooding, the City has recovered funds through state and local resources through a declared disaster, or insurance reimbursement. Ability to fully access reimbursements is enhanced by training and knowledgeable staffing as the process can be onerous.

### PROGRAM STAFFING OPTIONS

Most of our area counties do not function as the emergency management program provider for cities. For instance, King and Pierce County, while providing countywide emergency management, do not also run or oversee the city’s emergency management program. In reviewing programs in various cities, there is great variation. The programs range from duty assignments to existing positions within city departments (typically Fire, Police or Executive), to a stand-alone programs with designated emergency management staff. Following is a sampling of city programs:

## Emergency Management Programs – sampling of other jurisdictions

<p><b>Bellevue</b></p> <ul style="list-style-type: none"> <li>• Population: 134,630</li> <li>• Assigned to a dedicated position</li> <li>• Program Budget amount was not disclosed</li> <li>• Staffed by 5 full time in addition to emergency manager and 2 full time AmeriCrops students</li> <li>• Not currently contracting services, but may in the future</li> <li>• Source – Curry Mayer, Emergency Manager</li> </ul>	<p><b>Tacoma</b></p> <ul style="list-style-type: none"> <li>• Population: 203,481</li> <li>• Assigned to a dedicated position</li> <li>• Program Budget amount was not disclosed; budget partly funded through EMPG funding from State EMD</li> <li>• Staffed by 1 FTE paid with City budget and 1 FTE funded with EMPG funds; EMPG funds are applied for annually with State EMD. City Department liaisons augment the Emergency Coordination Center Operations.</li> <li>• They do not contract with other agencies</li> <li>• Source – Ute Weber, Emergency Management Program Coordinator</li> </ul>	<p><b>Sammamish</b></p> <ul style="list-style-type: none"> <li>• Population: 50,163</li> <li>• Assigned to a dedicated position</li> <li>• Program Budget of \$262,400 for 2017</li> <li>• Staffed by 1 FTE with budget for supplemental services as needed</li> <li>• They are a part of an interlocal agreement for Fire Services which is separate from Emergency Services</li> <li>• Source – Chris Gianini, Deputy Finance Director</li> </ul>	<p><b>Auburn</b></p> <ul style="list-style-type: none"> <li>• Population: 74,527</li> <li>• Assigned to a dedicated position</li> <li>• Program budget without wages and benefits is \$212,275</li> <li>• Staffed by 2 FTE, 1 part-time EMPG funded position and 1 Disaster Educator FT AmeriCorps Volunteer.</li> <li>• They do not contract with other agencies</li> <li>• Source – Jerry Thorson, Emergency Manager</li> </ul>	<p><b>Renton</b></p> <ul style="list-style-type: none"> <li>• Population: 97,234</li> <li>• Assigned to a dedicated position</li> <li>• Program budget information pending, but is supported by local funds and EMPG funds</li> <li>• Staffed by 3 FTE and usually and AmeriCorps intern</li> <li>• They provide EM service to the Fire Authority and coordinate planning and response with County and other agencies. They would be able to provide mutual aid in emergency situations to other jurisdictions.</li> <li>• Source – Karissa Smith, Emergency Management Coordinator</li> </ul>	<p><b>Redmond</b></p> <ul style="list-style-type: none"> <li>• Population: 57,959</li> <li>• Assigned to a dedicated position</li> <li>• Program budget currently under negotiations due to department transfer. EMPG generally funds equipment, OT and other</li> <li>• Staffed by 3 FTE; program is under the direction of Fire Chief</li> <li>• Their Fire Department serves unincorporated King County with FD 34 to they extend OEM services like MYH, CERT, etc. to FD 34 and King County residents</li> <li>• Source – Janeen Olson, Emergency Management Coordinator</li> </ul>
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- Population Estimates Source: 2015 American Community Survey 5-Year Population Estimate
- Inquiry sent to 14 jurisdictions; 9 responded. Des Moines Finance Director Dunyale Mason copied their Police Chief on response, stating they believe EMS is his responsibility to coordinate, but did not answer the questions

## Emergency Management Programs – sampling of other jurisdictions

Bothell	Kirkland	Everett	Lakewood	Puyallup
<ul style="list-style-type: none"> <li>Population: 41,207</li> <li>Assigned to a dedicated position</li> <li>Program budget of \$130,000</li> <li>Staffed by 1 employee</li> <li>They do not contract Emergency Management Services</li> <li>Source: Jennifer Warmke, Emergency Management Coordinator</li> </ul>	<ul style="list-style-type: none"> <li>Population: 84,721</li> <li>Assigned to a dedicated position. Positions are currently not filled</li> <li>Program budget for 2017 of \$21,221 and internal charges but not capital projects</li> <li>Staffed by 1 FTE and one .5 employee</li> <li>They do not contract with other agencies for EM services</li> <li>Source: Helen Ahrens-Byington, Deputy Fire Chief</li> </ul>	<ul style="list-style-type: none"> <li>Population: 105,685</li> <li>Assigned to a dedicated position</li> <li>Program budget of \$70,000 plus \$65,000 EMPG which primarily funds salary of 1 FTE</li> <li>3 FTE and they hire instructors for CERT program</li> <li>They do not contract out EM services and have no future plans to. They assist each Everett department with coordination into the city's plan as well as their own COOP.</li> <li>Source – Brent Stainer, Emergency Management Director</li> </ul>	<ul style="list-style-type: none"> <li>Population: 59,122</li> <li>Not assigned to a dedicated city position; function assigned to Police Chief and delegated to Assistant Chief</li> <li>Program budget of \$38k City and \$20K Grant for 2017</li> <li>Only position accounted for in budget is the emergency coordinator through West Pierce Fire. Departments staff are charged to their budget</li> <li>They do not contract out EM services, but have coordinated efforts with neighboring cities, fire, etc.</li> <li>Source – Tho Kraus, Assistant City Manager /Administrative Services</li> </ul>	<ul style="list-style-type: none"> <li>Population: 38,720</li> <li>Assigned to a dedicated position</li> <li>Program budget of \$281,510</li> <li>Staffed by 1 person</li> <li>They contract with Pierce County for Emergency Management Services for \$33,000 which is included in their budget</li> <li>Source – Peggy Watson, Assistant Finance Director</li> </ul>
<ul style="list-style-type: none"> <li>Population Estimates Source: 2015 American Community Survey 5-Year Population Estimate</li> <li>Inquiry sent to 15 jurisdictions; 12 responded. Des Moines Finance Director Durnyle Mason copied their Police Chief on response, stating they believe EMS is his responsibility to coordinate, but did not answer the questions</li> </ul>				

Snohomish County Department of Emergency Management is composed of approximately 13 staff, providing emergency management services to unincorporated Snohomish County, 18 cities and towns, and two tribes. The total population covered is 650,000. This is a large territory to cover with approximately 2,196 square miles. Conversely, the City of Marysville is approximately 65,000 with 21 square miles. The potential threats, population, infrastructure are more compact and identifiable. Developing a program specific to city needs and concerns is manageable with a small program staff coordinating with existing departments.

#### CONTINUATION OF CONTRACT VERSUS EXPANSION OF INTERNAL EMP PROGRAM SERVICES

In 2016 and 2017, the City paid \$73,872 and \$74,681 in fees to DEM. Alternatively, if these funds are assigned to the City's program, we would recommend the following:

**Additional .75-1.0 FTE dedicated to emergency management function.** Additional staff resources would pursue grants and provide additional support for community training and support needs.

In addition, as a stand-alone program the City would be eligible for Emergency Management Performance Grant (EMPG) monies. These funds are usually allocated by population to eligible cities and counties with emergency management program responsibilities. Through its agreement with SCDEM, the city of Marysville has allowed its funds to be transferred to SCDEM. Annually, this allocation is approximately \$36,000. With a stand-alone program, the City would be eligible to receive this directly. Staff would pursue the funding with a goal of utilizing the funds for capital expenditures to support emergency management needs within the departments. An example of capital expense for a stand-alone program would be an ALERT system for communications capable of reverse-911 and other emergency notifications.

The City has begun a coordination effort with the City of Everett to collaborate on emergency management program services. Staff anticipates that this effort could include volunteer programming, expansion of mutual aid agreements, and training.

#### SUMMARY

Upon reviewing the list of EMP functions, the city currently meets functional responsibilities of a typical program. There is however opportunity to grow and expand our capacity within each of these functions. Again, the level of emergency management preparedness is based on the decisions of the elected body and to what level you expect (and you perceive the community expects) the city to respond in the face of an emergency. Emergency management programs in a city can be as simple as a task assignment to an existing position. In that scenario, you would not expect the city organization to develop a robust program or provide community training support as the emergency management role would be conducted on a time available basis as a lower priority. In that scenario, the staff are not hired for their expertise to the emergency management function, as their primary job duty and assignment is elsewhere. For decades, this was how the city of Marysville operated its program, with contract to DEM. At the next level, where Marysville currently functions, is where we have identified a position that



has dedicated time (probably .75 FTE with additional training of the safety position to assume a share of the risk/claim duties) devoted to emergency management. The position hire was based on qualifications that included emergency management.

Within Snohomish County, the City of Everett currently runs a city sponsored emergency management function with dedicated staffing. The city of Everett's program is staffed at a level of three positions. Within King and Pierce County, most cities run their own emergency management programs, not contracting back to the County to run the operation. Some have dedicated staffing, others do not. Typically, larger cities such as Kirkland, Redmond, Auburn, Seattle, Bellevue have dedicated program staff. Smaller cities often assign the duty to an existing position.

Marysville currently contracts to DEM for emergency management support in addition to having a staff person assigned to the function. Our DEM contract runs through December 2017. The City departments (Fire, Police, Public Works, Parks, Finance, and Executive) have met to discuss future needs and goals for the Marysville EMP. The consensus of the staff working group is that the City should transition out of the DEM contract and more fully develop a city emergency management program. The City program would include expanding preparedness, mitigation, response and recovery planning and training through city departments and the community. Through relinquishment of the contract approximately \$110,000 (\$75,000 for direct contract costs and \$35,000 EMPG grant access) could be utilized to fund an additional part-time support position in addition to purchase of equipment/training/services for emergency management. The City would also have the ability as a stand-alone program to seek grant funding that could reimburse program expenses or pay for facility or equipment purchases needed for emergency management support.

The staff committee believes that expanding the City's program will prioritize emergency management planning and training for internal staff as well as community members. With the City's growth, staff members believe that there is a higher expectation for city staff performance and assistance to the community for disaster response. There is more expectation by community members that city staff and departments should have the capability to provide a service response. While emergency responders do try to prepare community members to be self-reliant in a significant disaster, as there are simply not sufficient government resources to provide aid to all, there will still be an expectation of government response and service, particularly for larger cities. Staff believes that it is the duty of the city to increase our capacity and ability to provide best service possible in a range of disaster scenarios.

#### RECOMMENDATION

Staff recommends that City Council and Mayor consider the above analysis and determine whether additional emergency management capacity is desirable within the City organization. If at this time, the City wishes to expand its internal and community response preparation to the level recommended by staff, then the City Council should authorize the Mayor to send a letter to the Snohomish County Department of Emergency Management notifying the County of its intent to operate a City emergency management program instead of contracting with DEM in 2018.

Mayor Nehring has met with Snohomish County Executive staff to discuss potential services in 2018 to maintain a partnership agreement. The partnership agreement would allow the City to contract for 2-3 trainings in 2018, paying approximately half of the yearly fee. This would assist both the City and SCDEM in the transition. City staff are coordinating with SCDEM to draft a contract for services under those parameters.

## INTERLOCAL AGREEMENT FOR EMERGENCY MANAGEMENT SERVICES

THIS INTERLOCAL AGREEMENT FOR EMERGENCY MANAGEMENT SERVICES (the "Agreement") is made and entered into this 4<sup>th</sup> day of February, 2016 by and between SNOHOMISH COUNTY, a political subdivision of the State of Washington (the "County"), and the CITY OF Marysville, a municipal corporation of the State of Washington (the "City") (individually "Party" and collectively "Parties") pursuant to the Interlocal Cooperation Act, Chapter 39.34 RCW.

### RECITALS

**A.** The County has established the Snohomish County Department of Emergency Management (hereinafter "SCDEM") as an emergency management agency within County government pursuant to Chapter 2.36 SCC.

**B.** The County, acting through SCDEM, operates as a local organization for emergency management in accordance with relevant comprehensive emergency management plans and programs pursuant to Chapter 38.52 RCW.

**C.** The City and the County have previously contracted for coordinated emergency management services through the Interlocal Agreement for Emergency Management Services dated January 1, 2014.

**D.** The coordinated emergency management services that SCDEM provides augment, but do not supplant, the City's responsibilities and obligations under Chapter 38.52 RCW. SCDEM and the City agree that over the course of this Agreement, the Parties will explore the possibility of SCDEM assuming all emergency management services for the City in future agreements.

**E.** The County and City believe that it is in the public interest to provide and coordinate emergency management services as provided herein.

### AGREEMENT

NOW, THEREFORE, in consideration of the respective agreements set forth below and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the County and the City agree as follows:

**1. Purpose of Agreement.**

This Agreement is authorized by and entered into pursuant to Chapter 39.34 RCW. The purpose and intent of this Agreement is to provide an economical mechanism for administration and coordination of County and City emergency management programs, generally to protect the public peace, health, and safety and to preserve the lives and property of the people of the County and City.

ORIGINAL

**Schedule A**  
**Description of Emergency Management Services**

The County shall provide Emergency Management Services (the “Services”) through its Department of Emergency Management (“SCDEM”) to Cities, Towns, and Tribes (individually “Participating Jurisdiction”, and collectively “Participating Jurisdictions”). These Services shall include the following:

**1. Disaster Response and Recovery Coordination:** SCDEM will coordinate emergency management activities in order to endeavor to minimize death, injury, and damages to property, the economy, and the environment during natural or man-made disasters as follows:

**a.** Maintain an emergency management organization compliant with state and federal guidelines, adhering to the commonly practiced principles of emergency management and utilizing the tenets of the National Incident Management System (NIMS).

**b.** Provide a 24 hour per day Duty Officer for emergency management issues. The Duty Officer is available via SNOPAC.

**c.** During disasters as defined by RCW 38.52.010(6), activate the Snohomish County Emergency Operations Center (SCEOC) to support participating jurisdictions.

Requests to activate the SCEOC will be made to the Duty Officer via SNOPAC. The level of SCEOC activation will depend on the situation and the need for coordination and support. The decision to activate the SCEOC, and at what level, is made by the SCDEM Director, Deputy Director, or the appropriate designee in the SCDEM line of succession.

When requested, and at the discretion of the SCDEM Director, Deputy Director, or the appropriate designee in the SCDEM line of succession, SCDEM will deploy a liaison(s) to the participating jurisdiction to directly assist with incident management leadership, technical support and assistance, and/or use of mobile assets. During activation of the SCEOC, SCDEM may request that jurisdictions deploy liaisons to the Snohomish County EOC to, among other things, enhance communication between the SCEOC and the incident site(s).

**d.** During disasters, as defined by RCW 38.52.010(6), activate the Snohomish County Comprehensive Emergency Management Plan (SCCEMP) and Emergency Operations Plan (SCEOP). These plans articulate the roles and responsibilities of the County and its jurisdictions, and the SCEOC’s procedures, respectively. Participating jurisdictions will, with the support of SCDEM as outlined in Section 2 of this schedule, develop and maintain plans and procedures that support the SCCEMP and SCEOP.

**e.** Make available the County’s emergency resources not required for use elsewhere during emergencies. Use shall be determined and prioritized by SCDEM. The Participating Jurisdictions agree that the County shall remain harmless in the event of non-availability or non-performance of the equipment.

**f.** As needed, SCDEM will request additional assistance on behalf of the Participating Jurisdictions through established emergency management protocols—from the County to State, State to Region, and Region to National levels.

**g.** Under the provisions of SCC Chapter 2.36, initiate, through the County Executive a Proclamation of Emergency when SCDEM determines that a public disorder, disaster, energy emergency, or riot exists which affects the life, health, property or public peace.

**h.** SCDEM, in conjunction with the participating jurisdiction and the State's Emergency Management Division (EMD), will coordinate FEMA's post-disaster preliminary damage assessment (PDA) process. The participating jurisdiction will be responsible for tracking and reporting activities potentially reimbursable by federal and/or state disaster assistance programs. Each participating jurisdiction remains responsible for the costs it incurs.

**i.** When requested and practicable, SCDEM will provide technical assistance to support participating jurisdictions' disaster recovery efforts.

**2. Planning, Training, and Exercises:** SCDEM will maintain emergency management plans in accordance with applicable state and federal laws, regulations, and guidance. It will also maintain training and exercise programs that adhere to state and federal guidance including the National Incident Management System (NIMS), Homeland Security Exercise and Evaluation Program (HSEEP), and Emergency Management Performance Grant (EMPG).

**a.** SCDEM will provide technical assistance (templates, meeting facilitation, and plan review) to participating jurisdictions in order for them to maintain a comprehensive emergency management plan (CEMP) that meets the requirements set forth in RCW 38.52.030 and WAC 118-30-060.

**b.** SCDEM will maintain a multi-jurisdictional hazard mitigation plan (HMP) that complies with the Disaster Mitigation Act of 2000 (DMA2K) and 44 CFR §201.6 and, when requested, provide technical assistance in order for its participating jurisdictions to meet the requirements for participation in the HMP.

**c.** When requested, and at the discretion of the SCDEM Director or Deputy Director, SCDEM will provide technical assistance and/or templates to participating jurisdictions in order to develop functional emergency management plans and procedures. Examples of such plans include mass fatality plans, disaster debris management plans, emergency operations plans, and emergency operations center procedures.

**d.** SCDEM will conduct an annual training and exercise planning workshop (TEPW) in order to develop a coordinated training and exercise calendar. Participating jurisdictions desiring training and exercise support from SCDEM must be represented at the TEPW. SCDEM will coordinate one county-level functional exercise annually and provide additional training and exercise opportunities based upon the population or type of the jurisdiction as described below.

i. Jurisdictions with a population greater than 10,000 and Tribal Nations: SCDEM will provide, at a minimum, the delivery of two training and two exercise opportunities annually.

ii. Jurisdictions with a population of 10,000 or less: SCDEM will provide, at a minimum, the delivery of one training and one exercise opportunity annually.

**3. Warning, Notification, and Emergency Communications:** SCDEM and the participating jurisdiction will utilize protocols and guidance established in the Snohomish County Comprehensive Emergency Management Plan (CEMP) and SCDEM Emergency Operations Plan (EOP).

a. As resources allow, SCDEM will utilize multiple means of communication to notify, warn, and/or provide information and instruction to the general public regarding impending or occurring disasters.

b. SCDEM will provide the participating jurisdiction with training, information, and/or technical assistance to endeavor to ensure communications interoperability during a crisis.

c. SCDEM will facilitate access to, and training on, applicable incident management sites and software.

**4. Volunteer / Emergency Worker Management:** SCDEM will work in collaboration with participating jurisdictions to develop volunteer capabilities that augment participating jurisdictions' local disaster response efforts; specifically, the Snohomish Emergency Response Volunteers (SERV), Community Emergency Response Team (CERT) and/or an emergency communications volunteer group, e.g. the Snohomish County Auxiliary Communications Service (ACS).

a. SCDEM will maintain a central database of these volunteers and facilitate their registration as emergency workers in accordance with the Washington State Emergency Workers' Program. Annually, SCDEM will provide to the participating jurisdictions a list of the volunteers living within each jurisdiction's respective boundaries.

b. SCDEM will create AlertSense notification lists for these groups.

c. SCDEM will develop, maintain, and centrally manage the Snohomish Emergency Response Volunteer (SERV) group. This group's purpose is to provide volunteers able to augment jurisdictional emergency operation centers (EOCs), manage community points of distribution (CPODs), and manage volunteer reception centers (VRCs).

d. SCDEM will provide oversight for a countywide CERT capability based on self-organized and governed CERT teams in a regional construct. In this construct, SCDEM will provide initial CERT training and support volunteer Regional Coordinators that will be

responsible for coordinating with the SCDEM Volunteer Coordinator for ongoing training, recruiting, and meeting place logistics.

i. SCDEM will provide, at a minimum, annual initial training for CERT volunteers. Initial training will consist of the CERT program as outlined by FEMA's Emergency Management Institute (EMI) and damage assessment (i.e. windshield survey) training.

ii. SCDEM's Volunteer Coordinator will meet with the Regional Coordinators annually to establish a yearly training calendar for the regional teams, and then quarterly throughout the year.

iii. Semiannually, SCDEM will host a countywide CERT meeting. Each team's Regional Coordinator, with the support of SCDEM, will be responsible for additional meetings and trainings.

iv. SCDEM, in collaboration with the Regional Coordinators, will develop and maintain countywide CERT policies that ensure consistency and are applicable to all of the regional teams.

e. SCDEM will provide oversight to the Snohomish County Auxiliary Communications Service (ACS) function, which provides emergency communications services to SCDEM, its participating jurisdictions, as well as hospitals and the Snohomish County Regional Chapter of the American Red Cross.

f. Using volunteers (as groups or individuals) for activities outside of the scope of their intended purpose and/or training places them outside of the scope of RCW 38.52.180, WAC 118-04, and this Agreement. These volunteers cannot be afforded protection under the Washington State Emergency Workers Program; therefore the requesting jurisdiction is required to provide coverage in accordance with L&I Industrial Insurance regulations.

**5. Outreach and Preparedness:** SCDEM will work in conjunction with participating jurisdictions to provide disaster-related preparedness and education in order to improve overall community resilience.

a. SCDEM leadership will meet semi-annually with participating jurisdictions' leadership to discuss community-specific concerns and needs.

b. SCDEM will convene meetings of its Advisory Board (see Schedule C) quarterly.

c. SCDEM will provide preparedness presentations based upon the population or type of the jurisdiction as described below. Requests for presentations will be made at least 60 days prior to the date of the presentation.

- i. Jurisdictions with a population greater than 10,000 and Tribal Nations: Four presentations per year.
- ii. Jurisdictions with a population of 10,000 or less: Two presentations per year.



## 2. Effective Date and Duration.

This Agreement shall not take effect unless and until it has been duly executed by both Parties and either filed with the County Auditor or posted on the County's Interlocal Agreements website. This Agreement shall remain in effect through midnight December 31, 2018, unless earlier terminated pursuant to the provisions of Section 12 below, and the term of this Agreement may be extended or renewed for up to one (1) additional two (2) year term, upon City providing County written notice on or before June 15, 2018. County shall in writing approve or reject the extension or renewal within thirty (30) days of receiving notice of intent to extend or renew; PROVIDED FURTHER, that each Party's obligations after December 31, 2015, are contingent upon local legislative appropriation of necessary funds for this specific purpose in accordance with applicable law. In the event that funds are not appropriated for this Agreement, then this Agreement shall terminate as of the last fiscal year for which funds are appropriated. The Party shall notify the other Party in writing of any non-allocation of funds at the earliest possible date.

## 3. Administrators.

Each Party to this Agreement shall designate an individual (an "Administrator"), who may be designated by title or position, to oversee and administer such Party's participation in this Agreement. The Parties' initial Administrators shall be the following individuals:

### County's Initial Administrator:

John Pennington, Director  
Snohomish County Department of  
Emergency Management  
720 80<sup>th</sup> Street SW, Building A  
Everett, Washington 98203

### City's Initial Administrator:

City of Marysville  
ATTN: Chief Administrator <sup>IVE</sup> OFFICER  
1049 State Street  
Marysville, WA 98270

Either Party may change its Administrator at any time by delivering written notice of such Party's new Administrator to the other Party.

## 4. Emergency Management Services.

The County shall provide emergency management services, as described herein, to the City during the term of this Agreement in accordance with Chapter 38.52 RCW (the "Services"). The County will endeavor to provide the Services as described in its comprehensive emergency management plan and as further described in Schedule A, which is attached hereto and incorporated herein, PROVIDED, HOWEVER, that such Services shall be provided without warranty of any kind, including but not limited to the sufficiency or adequacy of the actions of the Parties in response to an emergency or disaster or for support of search and rescue operations with regard to any person or property in distress. The City shall remain responsible for the provision of all those services identified in Schedule B, attached hereto, as well as any other services the City is otherwise required by law to perform.

**5. Advisory Board.**

The City shall be entitled during the term of this Agreement to representation on the SCDEM Advisory Board established by SCC 2.36.100. The duties of the Advisory Board are set forth in SCC 2.36.130, a copy of which is attached hereto and incorporated herein as Schedule C, as it now exists or is hereafter amended.

**6. Independent Contractor.**

The County will perform all Services under this Agreement as an independent contractor and not as an agent, employee, or servant of the City. The County shall be solely responsible for control, supervision, direction and discipline of its personnel, who shall be employees and agents of the County and not the City. The County has the express right to direct and control the County's activities in providing the Services in accordance with the specifications set out in this Agreement. The City shall only have the right to ensure performance.

**7. Compensation.**

7.1 Annual Service Charge. Beginning January 1, 2016, the City shall pay an Annual Service Charge to the County calculated at a rate of \$1.15 per capita based on the City's population number from the Office of Financial Management (OFM) *April 1, 2015 estimate for Population of Cities, Towns and Counties Used for Allocation of Selected State Revenues State of Washington*, as set forth in Schedule D. The Annual Service Charge includes the services described in this Agreement's Schedules, and reasonable operation and maintenance costs for which there will be no separate billing. The County shall invoice the City or its designee for the Annual Service Charge for all services performed by the County. The City shall be responsible for complete and timely payment of all amounts invoiced regardless of whether the City opts to participate in the invoiced services. Invoices will be sent quarterly or on any other schedule that is mutually convenient to the Parties. Payment of the Annual Service Charge is due and payable in quarterly installments on January 31, April 30, July 31, and October 31.

7.2 Adjustments to Annual Service Charge. The Annual Service Charge shall be adjusted on January 1 of the subsequent years as follows: (1) the new year's per capita rate shall be the previous year's per capita rate adjusted by the amount of the change in the Bureau of Labor Statistics Consumer Price Index – Urban Wage Earner (CPI-W) for the Seattle-Tacoma-Bremerton area for the period from April to April; and (2) the City's population number from the Office of Financial Management (OFM) based on the *April 1 population estimate for Population of Cities, Towns and Counties Used for Allocation of Selected State Revenues State of Washington*. By July 10 of each year, the County shall issue a revision to Schedule C to reflect the City's population number from the Office of Financial Management (OFM) *April 1 estimate for Population of Cities, Towns and Counties Used for Allocation of Selected State Revenues State of Washington* and the resulting Annual Service Charge for the subsequent year.

7.3 Emergency Management Performance Grant. The City agrees that by entering into this Agreement, effective January 1, 2016, it will forgo applying for future Emergency Management Performance Grant (EMPG) monies. The City further agrees that to the extent it

receives future EMPG monies after January 1, 2016; such funds will be transferred by the City to SCDEM within thirty (30) days of receipt.

**8. Hold Harmless and Indemnification.**

Except in those situations where the Parties have statutory or common law immunity for their actions and/or inactions and to the extent permitted by state law, and for the limited purposes set forth in this Agreement, each Party shall protect, defend, hold harmless and indemnify the other Party, its officers, elected officials, agents and employees, while acting within the scope of their employment as such, from and against any and all claims (including demands, suits, penalties, liabilities, damages, costs, expenses, or losses of any kind or nature whatsoever including attorney's fees) arising out of or in any way resulting from such Party's own negligent acts, errors, or omissions or willful misconduct related to such Party's participation and obligations under this Agreement. Each Party agrees that its obligations under this subsection extend to any claim, demand, and/or cause of action brought by or on behalf of any of its employees or agents. For this purpose, each Party, by mutual negotiation, hereby waives, with respect to the other Party only, any immunity that would otherwise be available against such claims under the industrial insurance act provisions of Title 51 RCW.

**9. Privileges and Immunities.**

Whenever the employees of the County or the City are rendering outside aid pursuant to the authority contained in RCW 38.52.070 and 38.52.080(1), such employees shall have the same powers, duties, privileges, and immunities as if they were performing their duties in the County or the City in which they are normally employed. Nothing in this Agreement shall affect any other power, duty, right, privilege, or immunity afforded the County or the City in Chapter 38.52 RCW.

**10. Liability Related to City Ordinances, Policies, Rules and Regulations.**

In executing this Agreement, the County does not assume liability or responsibility for or in any way release the City from any liability or responsibility which arises in whole or in part from the existence or effect of City ordinances, policies, rules or regulations. If any cause, claim, suit, action or administrative proceeding is commenced in which the enforceability and/or validity of any such City ordinance, policy, rule or regulation is at issue, the City shall defend the same at its sole expense and, if judgment is entered or damages are awarded against the City, the County, or both, the City shall satisfy the same, including all chargeable costs and reasonable attorney's fees.

**11. Compliance with Laws.**

In the performance of its obligations under this Agreement, each Party shall comply with all applicable federal, state, and local laws, rules and regulations.

**12. Early Termination.**

Either Party may terminate this Agreement, with or without cause, upon written notice to the other Party by no later than June 15 of the year of termination. Termination pursuant to this Section will become effective on December 31 of the calendar year in which the termination notice is given.

**13. Notices.**

All notices required to be given by any Party to the other Party under this Agreement shall be in writing and shall be delivered either in person, by United States mail, or by electronic mail (email) to the applicable Administrator or the Administrator's designee. Notice delivered in person shall be deemed given when accepted by the recipient. Notice by United States mail shall be deemed given as of the date the same is deposited in the United States mail, postage prepaid, and addressed to the Administrator, or their designee, at the addresses set forth in Section 3 of this Agreement. Notice delivered by email shall be deemed given as of the date and time received by the recipient.

**14. Performance.**

Time is of the essence of the Agreement in each and all of the provisions and scope of services in which performance is a factor.

**15. Entire Agreement; Amendment.**

This Agreement constitutes the entire agreement between the Parties regarding the subject matter hereof, and supersedes any and all prior oral or written agreements between the Parties regarding the subject matter contained herein. This Agreement may not be modified or amended in any manner except by a written document executed with the same formalities as required for this Agreement and signed by the Party against whom such modification is sought to be enforced.

**16. Conflicts between Attachments and Text.**

Should any conflicts exist between any attached exhibit or schedule and the text or main body of this Agreement, the text or main body of this Agreement shall prevail.

**17. Governing Law and Venue.**

This Agreement shall be governed by and enforced in accordance with the laws of the State of Washington. The venue of any action arising out of this Agreement shall be in the Superior Court of the State of Washington, in and for Snohomish County. In the event that a lawsuit is instituted to enforce any provision of this Agreement, the prevailing Party shall be entitled to recover all costs of such a lawsuit, including reasonable attorney's fees.

**18. Interpretation.**

This Agreement and each of the terms and provisions of it are deemed to have been explicitly negotiated by the Parties, and the language in all parts of this Agreement shall, in all cases, be construed according to its fair meaning and not strictly for or against either of the Parties hereto. The captions and headings in this Agreement are used only for convenience and are not intended to affect the interpretation of the provisions of this Agreement. This Agreement shall be construed so that wherever applicable the use of the singular number shall include the plural number, and vice versa, and the use of any gender shall be applicable to all genders.

**19. Severability.**

If any provision of this Agreement or the application thereof to any person or circumstance shall, for any reason and to any extent, be found invalid or unenforceable, the remainder of this Agreement and the application of that provision to other persons or circumstances shall not be affected thereby, but shall instead continue in full force and effect, to the extent permitted by law.

**20. No Waiver.**

Failure by either Party at any time to require performance by the other Party under this Agreement or to claim a breach of any provision of this Agreement shall not be construed as affecting any subsequent breach hereof or the right to require performance or affect the ability to claim a breach with respect hereto.

**21. No Assignment.**

This Agreement shall not be assigned, either in whole or in part, by either Party without the express written consent of the other Party, which may be granted or withheld in such Party's sole discretion. Any attempt to assign this Agreement in violation of the preceding sentence shall be null and void and shall constitute a default under this Agreement.

**22. Warranty of Authority.**

Each of the signatories hereto warrants and represents that he or she is competent and authorized to enter into this Agreement on behalf of the Party for whom he or she purports to sign this Agreement.

**23. No Joint Venture.**

Nothing contained in this Agreement shall be construed as creating any type or manner of partnership, joint venture or other joint enterprise between the Parties.

**24. No Separate Entity Necessary.**

The Parties agree that no separate legal or administrative entities are necessary to carry out this Agreement.

**25. Ownership of Property.**

Except as expressly provided to the contrary in this Agreement, any real or personal property used or acquired by either Party in connection with its performance under this Agreement will remain the sole property of such Party, and the other Party shall have no interest therein.

**26. No Third Party Beneficiaries.**

This Agreement and each and every provision hereof is for the sole benefit of the City and the County. No other persons or Parties shall be deemed to have any rights in, under or to this Agreement.

**27. Execution in Counterparts.**

This Agreement may be executed in two or more counterparts, each of which shall constitute an original and all of which shall constitute one and the same agreement.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the date first above written.

**COUNTY:**

**CITY:**

Snohomish County, a political subdivision of the State of Washington

City of Marysville, a Washington municipal corporation

By Susan Neely  
Name: Susan Neely  
Title: Executive Director

By [Signature]  
Name:  
Title:

**Approved as to insurance and indemnification provisions:**

[Signature]  
Risk Management

**Approved as to Form:**

[Signature]  
City Attorney

**Approved as to Form:**

[Signature]  
Deputy Prosecuting Attorney

COUNCIL USE ONLY  
Approved: 2-3-16  
Docfile: D-12

**Schedule B**  
**Expectations of Participating Jurisdiction**

As stated in Section 4 of the Agreement, the services provided by SCDEM augment the participating jurisdictions. This schedule outlines some, but not all, of the areas for which the participating jurisdictions retain responsibility.

**1. Disaster Response and Recovery Coordination:** Participating jurisdictions will coordinate their emergency management activities with SCDEM in order to endeavor to minimize death, injury, and damages to property, the economy, and the environment during natural or man-made disasters as follows:

**a.** Maintain a jurisdiction-level incident management structure that utilizes the principles of the National Incident Management System (NIMS).

**b.** During disasters, as defined by RCW 38.52.010(6), activate their incident management structure and notify SCDEM as soon as practicable.

**c.** When requested and practicable, deploy a liaison to the Snohomish County EOC to enhance coordination between the SCEOC and the jurisdiction.

**d.** During disasters, as defined by RCW 38.52.010(6), activate the jurisdiction's Comprehensive Emergency Management Plan (CEMP).

**e.** Under the provisions of applicable code, initiate through the jurisdiction's appropriate authority, a Proclamation of Emergency when the jurisdiction determines that a public disorder, disaster, energy emergency, or riot exists which affects the life, health, property or public peace. Notify SCDEM as soon as practicable of the intent to proclaim a disaster and provide SCDEM with a copy of the proclamation as soon as practicable.

**f.** Work in conjunction with SCDEM during FEMA's post-disaster preliminary damage assessment (PDA) process. Track and report activities potentially reimbursable by federal and/or state disaster assistance programs.

**2. Planning, Training, and Exercises:** Participating jurisdictions, with SCDEM assistance, will develop and maintain emergency management plans; train staff necessary to implement those plans; and exercise those staff and plans accordingly. In order to achieve this, participating jurisdictions should:

**a.** Provide a point of contact to SCDEM.

**b.** Convene work groups and provide meeting space as necessary to facilitate the development of plans including the jurisdiction's comprehensive emergency management plan, hazard mitigation plan, functional emergency management plans, etc., as applicable.

c. Send a representative to participate in SCDEM's annual training and exercise planning workshop (TEPW) per Section 2 of Schedule A.

**3. Warning, Notification, and Emergency Communications:** Utilize established protocols and guidance to warn, notify, and communicate before, during, and after disasters.

a. Identify pre-designated areas and messages that can be loaded into the AlertSense notification system.

b. Participate in monthly communications checks with SCDEM.

c. Identify incident management staff to receive access to, and training on, applicable incident management sites and software.

**4. Volunteer / Emergency Worker Management:** Work in collaboration with SCDEM to develop capabilities that augment local disaster response efforts; specifically, the Snohomish Emergency Response Volunteers (SERV), Community Emergency Response Team (CERT) and/or an emergency communications volunteer group, e.g. the Snohomish County Auxiliary Communications Service (ACS).

a. Identify potential volunteers for membership in SERV, CERT, and/or ACS.

b. When practicable, support volunteer activities in their region by providing meeting space.

c. When practicable, integrate volunteers into the jurisdiction's plans, training, and exercising.

d. If desiring to utilize volunteers for duties outside of the scope of their intended purpose and/or training, provide said additional training. Using these volunteers (as groups or individuals) for activities outside of the scope of their intended purpose and/or training places them outside of the scope of RCW 38.52.180 and WAC 118-04. These volunteers cannot be afforded protection under the Washington State Emergency Workers Program; therefore the requesting jurisdiction is required to provide coverage in accordance with L&I Industrial Insurance regulations.

**5. Outreach and Preparedness:** Work in conjunction with SCDEM to provide disaster-related preparedness and education in order to improve overall community resilience.

a. Meet semi-annually with SCDEM's leadership to discuss community-specific concerns and needs.

b. Assign a representative to attend the quarterly Advisory Board meeting.



c. Submit requests for presentations at least 60 days prior to the date of the presentation.

**Schedule C**  
**SCC 2.36.130 Duties of the advisory board.**

- (1) The board shall serve in an advisory capacity and have the power to make recommendations to the county.
- (2) The board shall advise the director of emergency management in recommending to the executive, actions on the following:
  - (a) Emergency management plans;
  - (b) The department's budget;
  - (c) Rate schedules for emergency management service charges paid by contracting agencies;
  - (d) Grant applications and utilization of awarded grant funds; and
  - (e) Other matters as requested by the county executive or the director

**Schedule D**  
**Service Fees by Jurisdiction**

<b>2016 Service Fees</b>			
<b>Jurisdiction</b>	<b>April 1, 2015 Population Est.<sup>1</sup></b>	<b>2016 Per Capita Rate<sup>2</sup></b>	<b>2016 Fees<sup>3</sup></b>
Arlington	18,490	\$1.15	21,295
Brier	6,500	\$1.15	7,486
Darrington	1,350	\$1.15	1,555
Edmonds	40,490	\$1.15	46,633
Gold Bar	2,115	\$1.15	2,436
Granite Falls	3,390	\$1.15	3,904
Index	160	\$1.15	184
Lake Stevens	29,900	\$1.15	34,437
Lynnwood	36,420	\$1.15	41,946
Marysville	64,140	\$1.15	73,872
Mill Creek	19,760	\$1.15	22,758
Monroe	17,620	\$1.15	20,293
Mountlake Terrace	21,090	\$1.15	24,290
Mukilteo	20,900	\$1.15	24,071
Snohomish	9,385	\$1.15	10,809
Stanwood	6,585	\$1.15	7,584
Sultan	4,680	\$1.15	5,390
Woodway	1,335	\$1.15	1,538
Tulalip Tribes <sup>4</sup>	4,517	\$1.15	5,202
Stillaguamish Tribe <sup>5</sup>	280	\$1.15	322
<b>TOTALS</b>	<b>309,107</b>	<b>\$1.15</b>	<b>356,007</b>

<sup>1</sup>Source: State of Washington, Office of Financial Management, April 1, 2015 Estimates;  
<http://www.ofm.wa.gov/pop/april1/default.asp>

<sup>2</sup>The 2016 Per Capita Rate is the 2015 Per Capita Rate (\$1.1543) adjusted by the change in CPI-W from April 2014 to April 2015, -0.22%.

<sup>3</sup>The 2016 fees are based on the April 1, 2015 population estimate and the 2016 per capita rate (\$1.1517).

<sup>4</sup>The Tulalip Tribes population numbers will be obtained from the Tulalip Tribes Enrollment Department once every year.

<sup>5</sup>The Stillaguamish Tribe population numbers will be obtained from the Stillaguamish Tribe Enrollment Officer once every year.

SNOHOMISH COUNTY COUNCIL  
Snohomish County, Washington

MOTION NO. 16-026

APPROVING THE INTERLOCAL AGREEMENT FOR EMERGENCY MANAGEMENT SERVICES BETWEEN SNOHOMISH COUNTY AND THE CITY OF MARYSVILLE, WA

WHEREAS, the County has established the Snohomish County Department of Emergency Management (hereinafter "SCDEM") as an emergency management agency within County government pursuant to Chapter 2.36 SCC; and

WHEREAS, the County, acting through SCDEM, operates as a local organization for emergency management in accordance with relevant comprehensive emergency management plans and programs pursuant to Chapter 38.52 RCW; and

WHEREAS, many cities, towns, and tribes have indicated an interest in contracting with the County for emergency management services; and

WHEREAS, on August 19, 2015, the County Council held a public hearing to consider approving form interlocal agreements for emergency management services with cities, towns, and tribes; and

WHEREAS, by Ordinance No. 15-055, passed on August 19, 2015, the County Council approved form interlocal agreements for emergency management services with cities, towns, and tribes, including services rates for such services; and

WHEREAS, Ordinance No. 15-055, further provided that the individual interlocal agreements substantially in the form of those agreements attached to Ordinance No. 15-055 would be subsequently approved by the County Council by motion; and

WHEREAS, the Snohomish County Executive has negotiated interlocal agreements for emergency management services with cities, towns, and tribes in substantially the form of those agreements attached to Ordinance No. 15-055;


NOW, THEREFORE ON MOTION, pursuant to Ordinance No. 15-055, the Snohomish County Council authorizes the Executive to enter into and execute the interlocal agreement for emergency management services with the City of Marysville in the amount of \$73,872.00.

PASSED this 3<sup>rd</sup> day of February, 2016.

SNOHOMISH COUNTY COUNCIL  
Snohomish County, Washington

  
Council Chair

ATTEST:

  
Asst. Clerk of the Council

*Update*  
*Index #14*

**CITY OF MARYSVILLE**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

AGENDA ITEM: Claims	AGENDA SECTION:	
PREPARED BY: Sandy Langdon, Finance Director	AGENDA NUMBER:	
ATTACHMENTS: Claims Listings	APPROVED BY:	
	MAYOR	CAO
BUDGET CODE:	AMOUNT:	

Please see attached.

**RECOMMENDED ACTION:**

**The Finance and Executive Departments recommend City Council approve the May 24, 2017 claims in the amount of \$1,578,701.93 paid by EFT transactions and Check No. 116929 through 117138 with Check No.'s 112515, 112791, 114701 & 116511 voided.**

**COUNCIL ACTION:**

BLANKET CERTIFICATION  
**CLAIMS**  
FOR  
**PERIOD-5**

I, THE UNDERSIGNED, DO HEREBY CERTIFY UNDER PENALTY OF PERJURY THAT THE MATERIALS HAVE BEEN FURNISHED, THE SERVICES RENDERED OR THE LABOR PERFORMED AS DESCRIBED HEREIN AND THAT THE **CLAIMS** IN THE AMOUNT OF **\$1,578,701.93 PAID BY EFT TRANSACTIONS AND CHECK NO.'S 116929 THROUGH 117138 WITH CHECK NO.'S 112515, 112791, 114701 & 116511 VOIDED** ARE JUST, DUE AND UNPAID OBLIGATIONS AGAINST THE CITY OF MARYSVILLE, AND THAT I AM AUTHORIZED TO AUTHENTICATE AND TO CERTIFY SAID CLAIMS.

\_\_\_\_\_  
AUDITING OFFICER DATE

\_\_\_\_\_  
MAYOR DATE

WE, THE UNDERSIGNED COUNCIL MEMBERS OF MARYSVILLE, WASHINGTON DO HEREBY APPROVE FOR PAYMENT THE ABOVE MENTIONED **CLAIMS** ON THIS **12<sup>th</sup> DAY OF JUNE 2017.**

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

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COUNCIL MEMBER

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COUNCIL MEMBER

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COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

**CITY OF MARYSVILLE  
 INVOICE LIST**

**FOR INVOICES FROM 5/18/2017 TO 5/24/2017**

<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116929	LICENSING, DEPT OF	CPL ACH BATCH 5/22/17	GENERAL FUND	525.00
116930	LICENSING, DEPT OF		GENERAL FUND	42.00
116931	REVENUE, DEPT OF	SALES AND USE TAXES	CITY CLERK	0.08
	REVENUE, DEPT OF		COMMUNITY DEVELOPMENT-	10.62
	REVENUE, DEPT OF		RECREATION SERVICES	16.58
	REVENUE, DEPT OF		POLICE ADMINISTRATION	32.92
	REVENUE, DEPT OF		CITY STREETS	52.59
	REVENUE, DEPT OF		GOLF ADMINISTRATION	264.43
	REVENUE, DEPT OF		INFORMATION SERVICES	482.29
	REVENUE, DEPT OF		GENERAL FUND	583.68
	REVENUE, DEPT OF		WATER/SEWER OPERATION	776.12
	REVENUE, DEPT OF		GOLF COURSE	5,173.61
	REVENUE, DEPT OF		STORM DRAINAGE	6,076.50
	REVENUE, DEPT OF		SOLID WASTE OPERATIONS	30,839.64
	REVENUE, DEPT OF		UTIL ADMIN	59,875.97
116932	LICENSING, DEPT OF	CPL ACH BATCH 5/24/17	GENERAL FUND	309.00
116933	AARON & TASHA POORTV		WATER/SEWER OPERATION	350.00
116934	AGOSTINO, VINCENT P		WATER/SEWER OPERATION	215.57
116935	ALLEN, DAVID	PER DIEM 6/5-6/16	POLICE PATROL	704.00
116936	AMERICAN RED CROSS	FIRST AID/BLOODBORNE PATHOGENS	EXECUTIVE ADMIN	385.00
116937	ARAMARK UNIFORM	UNIFORM SERVICE	SMALL ENGINE SHOP	6.55
	ARAMARK UNIFORM	LINEN SERVICE	OPERA HOUSE	40.71
	ARAMARK UNIFORM		OPERA HOUSE	40.71
	ARAMARK UNIFORM	UNIFORM SERVICE	EQUIPMENT RENTAL	70.75
	ARAMARK UNIFORM	LINEN SERVICE	OPERA HOUSE	116.10
116938	ASSN OF WA CITIES	CONFERENCE REGISTRATION-WRIGHT	CITY COUNCIL	400.00
116939	AWWA	WA SHORT SCHOOL/TRADE SHOW-KIN	UTIL ADMIN	200.00
	AWWA	WA SHORT SCHOOL/TRADE SHOW-MIL	UTIL ADMIN	200.00
116940	BACKSTROM CURB	RAMP @ 59TH & 100TH	TRANSPORTATION MANAGEM	9,220.75
116941	BANK OF AMERICA	PARKING REIMBURSEMENT	EXECUTIVE ADMIN	3.00
116942	BANK OF AMERICA	FUEL REIMBURSEMENT	POLICE ADMINISTRATION	11.43
116943	BANK OF AMERICA	TRAVEL REIMBURSEMENT	POLICE ADMINISTRATION	27.06
116944	BANK OF AMERICA	MEAL REIMBURSEMENT	EXECUTIVE ADMIN	99.13
116945	BANK OF AMERICA	TRAVEL REIMBURSEMENT/IT SUPPLI	COMPUTER SERVICES	30.92
	BANK OF AMERICA		FINANCE-GENL	244.08
116946	BANK OF AMERICA	ADVERTISING REIMBURSEMENT	ENGR-GENL	340.00
116947	BANK OF AMERICA		ENGR-GENL	498.00
116948	BANK OF AMERICA	MEAL/EMPLOYEE APPRECIATION LUN	EXECUTIVE ADMIN	62.04
	BANK OF AMERICA		PERSONNEL ADMINISTRATIO	101.51
	BANK OF AMERICA		EXECUTIVE ADMIN	206.38
	BANK OF AMERICA		PERSONNEL ADMINISTRATIO	226.07
116949	BANK OF AMERICA	TRAVEL/SUPPLY REIMBURSEMENT	PARK & RECREATION FAC	45.00
	BANK OF AMERICA		PARK & RECREATION FAC	45.00
	BANK OF AMERICA		OPERA HOUSE	51.65
	BANK OF AMERICA		RECREATION SERVICES	120.30
	BANK OF AMERICA		RECREATION SERVICES	492.01
116950	BANK OF AMERICA	TRAVEL/SUPPLY/RECORDING REIMBU	GMA - STREET	170.00
	BANK OF AMERICA		LEGAL - PROSECUTION	210.44
	BANK OF AMERICA		LEGAL-GENL	378.50
116951	BANK OF AMERICA	ADVERTISING/SUPPLY REIMBURSEME	ER&R	-31.08
	BANK OF AMERICA		EQUIPMENT RENTAL	372.58
	BANK OF AMERICA		ENGR-GENL	865.00
116952	BANK OF AMERICA	TRAVEL/SUPPLY REIMBURSEMENT	FINANCE-GENL	33.94
	BANK OF AMERICA		PARK & RECREATION FAC	56.48
	BANK OF AMERICA		PERSONNEL ADMINISTRATIO	74.39
	BANK OF AMERICA		UTIL ADMIN	320.00
	BANK OF AMERICA		PARK & RECREATION FAC	370.50
	BANK OF AMERICA		UTIL ADMIN	500.84
	BANK OF AMERICA		EXECUTIVE ADMIN	552.81
116953	BANK OF AMERICA		GENERAL FUND	-40.31
	BANK OF AMERICA		K9 PROGRAM	16.29



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<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
116953	BANK OF AMERICA	TRAVEL/SUPPLY REIMBURSEMENT	K9 PROGRAM	33.00
	BANK OF AMERICA		DETENTION & CORRECTION	83.46
	BANK OF AMERICA		POLICE INVESTIGATION	422.22
	BANK OF AMERICA		DRUG ENFORCEMENT	910.84
	BANK OF AMERICA		POLICE PATROL	1,175.35
116954	BANK OF AMERICA	SUPPLY REIMBURSEMENT	GENERAL FUND	-31.99
	BANK OF AMERICA		PARK & RECREATION FAC	13.42
	BANK OF AMERICA		COMMUNITY CENTER	39.18
	BANK OF AMERICA		COMMUNITY CENTER	56.22
	BANK OF AMERICA		PARK & RECREATION FAC	59.97
	BANK OF AMERICA		OPERA HOUSE	727.79
	BANK OF AMERICA		GMA-PARKS	755.65
	BANK OF AMERICA		PARK & RECREATION FAC	2,836.59
116955	BANK OF AMERICA	TRAINING/TRAVEL REIMBURSEMENT	POLICE TRAINING-FIREARMS	550.00
	BANK OF AMERICA		POLICE INVESTIGATION	2,021.36
	BANK OF AMERICA		POLICE PATROL	2,023.30
116956	BICKFORD FORD	COIL ASSEMBLIES AND SPARK PLUG	EQUIPMENT RENTAL	485.10
116957	BILLIEU, JARED	REIMBURSE MEAL	UTIL ADMIN	9.76
	BILLIEU, JARED	MEAL REIMBURSEMENT	UTIL ADMIN	14.00
116958	BILLING DOCUMENT SPE	BILL PRINTING SERVICE	UTILITY BILLING	1,436.06
	BILLING DOCUMENT SPE		UTILITY BILLING	2,316.51
116959	BUILDERS EXCHANGE	PUBLISH PROJECT ONLINE	ARTERIAL STREET-GENL	45.00
116960	CAPTAIN DIZZYS EXXON	CAR WASHES	ENGR-GENL	4.50
	CAPTAIN DIZZYS EXXON		PARK & RECREATION FAC	4.50
	CAPTAIN DIZZYS EXXON		POLICE PATROL	72.00
116961	CEMEX	ASPHALT	ROADWAY MAINTENANCE	346.25
116962	CENTRAL WELDING SUPP	BLOODBORNE PATHOGEN KITS	ER&R	80.73
	CENTRAL WELDING SUPP	WYPALL WIPES	ER&R	124.31
	CENTRAL WELDING SUPP		ER&R	372.93
	CENTRAL WELDING SUPP	GLOVES AND WIPES	ER&R	429.57
	CENTRAL WELDING SUPP	HANDLES, TAPE, SAFETY GLASSES	ER&R	552.97
116963	CITIES & TOWNS	MAY SCC MEETING-NEHRING	EXECUTIVE ADMIN	35.00
	CITIES & TOWNS	MAY SCC MEETING-WRIGHT	CITY COUNCIL	35.00
	CITIES & TOWNS	MAY SCC MEETING (2)	CITY COUNCIL	70.00
116964	COLDSNOW, ALBERT & M		GARBAGE	163.50
116965	COMCAST	CABLE SERVICE-KBCC	BAXTER CENTER APPRE	61.45
	COMCAST	MONTHLY BROADBAND CHARGE	COMPUTER SERVICES	140.71
116966	COMMERCIAL FIRE	TAG FEE REFUND	ER&R	-3.75
	COMMERCIAL FIRE	FIRE EXTINGUISHER SERVICE & TA	ER&R	135.96
	COMMERCIAL FIRE	SPRINKLER SYSTEM INSPECTION	MAINT OF GENL PLANT	168.75
	COMMERCIAL FIRE		CITY HALL	312.50
	COMMERCIAL FIRE	FIRE EXTINGUISHERS (12)	ER&R	642.29
116967	CONSOLIDATED TECH	IGN MONTHLY CHARGE	OFFICE OPERATIONS	710.45
116968	COOP SUPPLY	K-9 FOOD CREDIT INV 219857	K9 PROGRAM	-76.99
	COOP SUPPLY	SPRAY	PARK & RECREATION FAC	5.99
	COOP SUPPLY	ROPE	PARK & RECREATION FAC	35.99
	COOP SUPPLY	PAILS AND PAN	PARK & RECREATION FAC	44.70
	COOP SUPPLY	POSTHOLE DIGGER AND CONCRETE	ROADSIDE VEGETATION	59.97
	COOP SUPPLY	GRASS SEED	WATER DIST MAINS	65.45
116969	CORRECTIONS, DEPT OF	INMATE MEALS	DETENTION & CORRECTION	3,318.58
116970	CORRECTIONS, DEPT OF	WORK CREW	PARK & RECREATION FAC	363.12
	CORRECTIONS, DEPT OF		ROADSIDE VEGETATION	821.91
116971	COSTLESS SENIOR SRVC	INMATE MEDICAL	DETENTION & CORRECTION	60.76
116972	COUGAR TREE SERVICE	TREE REMOVAL	ROADSIDE VEGETATION	1,472.85
116973	CTS LANGUAGE LINK	INTERPRETER SERVICES	COURTS	14.27
	CTS LANGUAGE LINK		COURTS	25.67
116974	CUZ CONCRETE PROD	CATCH BASINS	STORM DRAINAGE	344.58
	CUZ CONCRETE PROD	CONCRETE REPAIR	STORM DRAINAGE	1,005.36
116975	DAILY JOURNAL OF COM	BID PUBLISHING	SEWER CAPITAL PROJECTS	216.00
	DAILY JOURNAL OF COM		ARTERIAL STREET-GENL	216.00
	DAILY JOURNAL OF COM		ARTERIAL STREET-GENL	416.00

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116976	DAY WIRELESS SYSTEMS	RADIO REPAIR	POLICE PATROL	1,031.13
116977	DICKS TOWING	TOWING EXPENSE #807	EQUIPMENT RENTAL	43.64
	DICKS TOWING	TOWING EXPENSE-LYNNWOOD	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-19087	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-20424	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-20866	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-21078	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-21153	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-21189	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-21547	POLICE PATROL	43.64
	DICKS TOWING	TOWING EXPENSE-MP17-21854	POLICE PATROL	43.64
116978	DISCOUNTCELL INC	IPHONE ACCESSORIES	UTIL ADMIN	33.14
	DISCOUNTCELL INC		COMPUTER SERVICES	83.28
116979	DM FOODS	REFUND BUSINESS LICENSE FEES	GENL FUND BUS LIC & PERMI	65.00
116980	DOBRICH, SPENCER & M		WATER/SEWER OPERATION	31.58
116981	DUKE PARTNERS II LLC		WATER/SEWER OPERATION	150.00
116982	DUNLAP INDUSTRIAL	BAGS AND BIT	TRANSPORTATION MANAGEM	49.30
116983	E&E LUMBER	COVER	PUBLIC SAFETY BLDG	4.17
	E&E LUMBER	SIGNS	PARK & RECREATION FAC	6.22
	E&E LUMBER	SPRAY PAINT	PARK & RECREATION FAC	14.64
	E&E LUMBER	FASTENERS AND CAULKING	PARK & RECREATION FAC	16.49
	E&E LUMBER	HOOKS AND SEALANT	PARK & RECREATION FAC	17.43
	E&E LUMBER	TORCH BLADES	SOURCE OF SUPPLY	18.63
	E&E LUMBER	PAINTERS TOOL AND PUTTY KNIVES	PUBLIC SAFETY BLDG	21.42
	E&E LUMBER	TAMPER	ROADWAY MAINTENANCE	32.98
	E&E LUMBER	POLY FILM AND BITS	SIDEWALKS CONSTRUCTION	43.08
116984	EAST JORDAN IRON WOR	STOCK DECANT AREA CB LIDS	STORM DRAINAGE	1,461.80
116985	EVERETT STAMP WORKS	STAMPS	DETENTION & CORRECTION	99.90
116986	EVERGREEN RURAL WATE	FALL CONFERENCE (3)	UTIL ADMIN	825.00
116987	EVERGREEN SECURITY	ADD 4 DOOR CONTACTS-WELCO	PUBLIC SAFETY BLDG	212.75
116988	EWING IRRIGATION	HERBICIDE	ROADSIDE VEGETATION	1,259.69
116989	FAIRCHILD RESIDENCE		WATER/SEWER OPERATION	284.51
116990	FASTENAL COMPANY	BALL HEX	TRANSPORTATION MANAGEM	66.83
116991	FIRE PROTECTION INC	SECURITY MONITORING/ANNUAL FEE	MAINT OF GENL PLANT	204.00
116992	FIRESTONE	TIRES	EQUIPMENT RENTAL	502.98
116993	FLOYD, CHRIS	INSTRUCTOR SERVICES	RECREATION SERVICES	216.00
	FLOYD, CHRIS		RECREATION SERVICES	216.00
116994	FREEMAN, SHANE	REIMBURSE TRAVEL COSTS-WORKSHO	UTIL ADMIN	58.40
116995	FRONTIER COMMUNICATI	LONG DISTANCE CHARGES	CRIME PREVENTION	0.01
	FRONTIER COMMUNICATI		COMMUNITY CENTER	0.01
	FRONTIER COMMUNICATI		SOLID WASTE CUSTOMER EX	0.01
	FRONTIER COMMUNICATI		PURCHASING/CENTRAL STOF	0.01
	FRONTIER COMMUNICATI		YOUTH SERVICES	0.02
	FRONTIER COMMUNICATI		GOLF ADMINISTRATION	0.15
	FRONTIER COMMUNICATI		RECREATION SERVICES	0.28
	FRONTIER COMMUNICATI		GENERAL SERVICES - OVERH	0.32
	FRONTIER COMMUNICATI		FACILITY MAINTENANCE	0.42
	FRONTIER COMMUNICATI		COMMUNITY SERVICES UNIT	0.53
	FRONTIER COMMUNICATI		CITY CLERK	0.77
	FRONTIER COMMUNICATI		WATER QUAL TREATMENT	2.00
	FRONTIER COMMUNICATI		LEGAL - PROSECUTION	2.25
	FRONTIER COMMUNICATI		EQUIPMENT RENTAL	2.29
	FRONTIER COMMUNICATI		PERSONNEL ADMINISTRATIO	3.35
	FRONTIER COMMUNICATI		STORM DRAINAGE	3.47
	FRONTIER COMMUNICATI		POLICE INVESTIGATION	4.22
	FRONTIER COMMUNICATI		POLICE ADMINISTRATION	4.39
	FRONTIER COMMUNICATI		WASTE WATER TREATMENT F	4.90
	FRONTIER COMMUNICATI		FINANCE-GENL	5.21
	FRONTIER COMMUNICATI		PROPERTY TASK FORCE	5.93
	FRONTIER COMMUNICATI		LEGAL-GENL	6.09
	FRONTIER COMMUNICATI		POLICE PATROL	7.18

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116995	FRONTIER COMMUNICATI	LONG DISTANCE CHARGES	UTILITY BILLING	9.01
	FRONTIER COMMUNICATI		UTIL ADMIN	9.32
	FRONTIER COMMUNICATI		COMPUTER SERVICES	9.90
	FRONTIER COMMUNICATI		OFFICE OPERATIONS	10.32
	FRONTIER COMMUNICATI		PARK & RECREATION FAC	10.94
	FRONTIER COMMUNICATI		DETENTION & CORRECTION	11.73
	FRONTIER COMMUNICATI		EXECUTIVE ADMIN	16.24
	FRONTIER COMMUNICATI		ENGR-GENL	18.26
	FRONTIER COMMUNICATI		MUNICIPAL COURTS	18.95
	FRONTIER COMMUNICATI		COMMUNITY DEVELOPMENT-	32.53
116996	FRONTIER COMMUNICATI	PHONE CHARGES	CRIME PREVENTION	7.83
	FRONTIER COMMUNICATI		COMMUNITY CENTER	7.83
	FRONTIER COMMUNICATI		SOLID WASTE CUSTOMER EX	7.83
	FRONTIER COMMUNICATI		PURCHASING/CENTRAL STOF	7.83
	FRONTIER COMMUNICATI		CITY CLERK	15.66
	FRONTIER COMMUNICATI		GOLF ADMINISTRATION	15.66
	FRONTIER COMMUNICATI		FACILITY MAINTENANCE	15.66
	FRONTIER COMMUNICATI		YOUTH SERVICES	23.49
	FRONTIER COMMUNICATI		COMMUNITY SERVICES UNIT	23.49
	FRONTIER COMMUNICATI		PERSONNEL ADMINISTRATIOI	23.49
	FRONTIER COMMUNICATI		GENERAL SERVICES - OVERH	23.49
	FRONTIER COMMUNICATI		WATER QUAL TREATMENT	23.49
	FRONTIER COMMUNICATI		PROPERTY TASK FORCE	31.32
	FRONTIER COMMUNICATI		RECREATION SERVICES	31.32
	FRONTIER COMMUNICATI		LEGAL - PROSECUTION	39.15
	FRONTIER COMMUNICATI		LEGAL-GENL	39.15
	FRONTIER COMMUNICATI		EQUIPMENT RENTAL	39.15
	FRONTIER COMMUNICATI		EXECUTIVE ADMIN	46.98
	FRONTIER COMMUNICATI		FINANCE-GENL	46.98
	FRONTIER COMMUNICATI		STORM DRAINAGE	46.98
	FRONTIER COMMUNICATI	ACCT #36065836350725085	COMMUNITY DEVELOPMENT-	47.55
	FRONTIER COMMUNICATI		UTIL ADMIN	47.56
	FRONTIER COMMUNICATI	ACCT #36065774950927115	STREET LIGHTING	48.97
	FRONTIER COMMUNICATI	PHONE CHARGES	PARK & RECREATION FAC	54.81
	FRONTIER COMMUNICATI		COMPUTER SERVICES	54.83
	FRONTIER COMMUNICATI	ACCT #42539763250319985	PARK & RECREATION FAC	56.11
	FRONTIER COMMUNICATI	PHONE CHARGES	POLICE INVESTIGATION	62.64
	FRONTIER COMMUNICATI		UTILITY BILLING	62.64
	FRONTIER COMMUNICATI		POLICE ADMINISTRATION	70.47
	FRONTIER COMMUNICATI		WASTE WATER TREATMENT F	70.47
	FRONTIER COMMUNICATI		OFFICE OPERATIONS	78.30
	FRONTIER COMMUNICATI		MUNICIPAL COURTS	93.96
	FRONTIER COMMUNICATI		DETENTION & CORRECTION	101.79
	FRONTIER COMMUNICATI		UTIL ADMIN	109.62
	FRONTIER COMMUNICATI		ENGR-GENL	117.45
	FRONTIER COMMUNICATI		COMMUNITY DEVELOPMENT-	164.43
	FRONTIER COMMUNICATI		POLICE PATROL	336.69
116997	FTRS, LLC	SERVICES RENDERED	PARK & RECREATION FAC	59.58
	FTRS, LLC		MAINTENANCE	248.85
	FTRS, LLC		UTIL ADMIN	398.73
	FTRS, LLC		SOLID WASTE OPERATIONS	484.80
	FTRS, LLC		GENERAL SERVICES - OVERH	783.45
116998	GALLS, LLC	FLASHLIGHTS	COMMUNITY SERVICES UNIT	315.52
116999	GARMIRE IRON WORKS	POWDER COAT POST	TRANSPORTATION MANAGEM	163.65
117000	GRAHAM, DAVID		WATER/SEWER OPERATION	67.22
117001	GRANITE CONST	ASPHALT	ROADWAY MAINTENANCE	114.80
117002	GRAVITY PAYMENTS	TRANSACTION FEES	UTILITY BILLING	11,718.75
117003	GRAY AND OSBORNE	PROFESSIONAL SERVICES	SURFACE WATER CAPITAL PF	6,013.87
117004	GRAY, KENNETH		WATER/SEWER OPERATION	325.95
117005	GREATAMERICA FINANCI	POSTAGE LEASE PAYMENT	CITY CLERK	30.19
	GREATAMERICA FINANCI		EXECUTIVE ADMIN	30.19

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117005	GREATAMERICA FINANCI	POSTAGE LEASE PAYMENT	FINANCE-GENL	30.19
	GREATAMERICA FINANCI		PERSONNEL ADMINISTRATIO	30.19
	GREATAMERICA FINANCI		UTILITY BILLING	30.19
	GREATAMERICA FINANCI		LEGAL - PROSECUTION	30.19
	GREATAMERICA FINANCI		POLICE INVESTIGATION	36.22
	GREATAMERICA FINANCI		POLICE PATROL	36.22
	GREATAMERICA FINANCI		OFFICE OPERATIONS	36.22
	GREATAMERICA FINANCI		DETENTION & CORRECTION	36.22
	GREATAMERICA FINANCI		POLICE ADMINISTRATION	36.22
	GREATAMERICA FINANCI		COMMUNITY DEVELOPMENT-	38.54
	GREATAMERICA FINANCI		ENGR-GENL	38.54
	GREATAMERICA FINANCI		UTIL ADMIN	38.55
117006	GREEN RIVER CC	TRAINING-NEWMAN	UTIL ADMIN	200.00
117007	GREENHAUS PORTABLE	PORTABLE RENTAL	PARK & RECREATION FAC	200.00
117008	GREENSHIELDS	HANDLE, SAW, COUPLER AND CLAMP	STORM DRAINAGE	52.04
	GREENSHIELDS		SEWER MAIN COLLECTION	52.04
	GREENSHIELDS	WISE AND RATCHETS	STORM DRAINAGE	160.00
	GREENSHIELDS		SEWER MAIN COLLECTION	160.00
117009	GRIFFEN, CHRIS	PUBLIC DEFENDER	PUBLIC DEFENSE	300.00
	GRIFFEN, CHRIS		PUBLIC DEFENSE	300.00
	GRIFFEN, CHRIS		PUBLIC DEFENSE	300.00
117010	HARBORTECH MOBILITY	WIFI UPGRADE CONSULTING	COMPUTER SERVICES	2,618.40
117011	HB JAEGER COMPANY	GATE VALVE AND LUG KITS	SEWER MAIN COLLECTION	3,701.14
117012	HD FOWLER COMPANY	COUPLINGS	STORM DRAINAGE	65.65
	HD FOWLER COMPANY	HOSE ADAPTERS AND HARDWARE	WATER DIST MAINS	114.64
	HD FOWLER COMPANY	COMBO AIR AND VAC	WATER FILTRATION PLANT	460.50
	HD FOWLER COMPANY	525 GALLON TANK AND BANDS	SIDEWALKS MAINTENANCE	848.87
	HD FOWLER COMPANY	SETTERS, RESETTERS, SADDLES, A	WATER/SEWER OPERATION	3,078.02
	HD FOWLER COMPANY	BACKFLOW SUPPLIES	WATER DIST MAINS	4,622.39
117013	HE MITCHELL CO	DEADBOLTS	MAINT OF GENL PLANT	68.08
	HE MITCHELL CO	VERTICAL VENT	MAINT OF GENL PLANT	392.76
117014	HENNIG, JEANINE TULL	INSTRUCTOR SERVICES	RECREATION SERVICES	76.80
	HENNIG, JEANINE TULL		RECREATION SERVICES	102.00
	HENNIG, JEANINE TULL		RECREATION SERVICES	217.60
	HENNIG, JEANINE TULL		RECREATION SERVICES	230.40
117015	HERNANDEZ, ARACELI	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117016	HINES, KATHERINE		GENERAL FUND	200.00
117017	HINT PERIPHERALS	LAPTOP MOUNT W/BASE	ER&R	-53.13
	HINT PERIPHERALS		EQUIPMENT RENTAL	636.93
117018	HORNUNG, CHRIS	REIMBURSE MCA CONFERENCE EXPEN	PROBATION	736.44
117019	HWANG, HO-YUN		WATER/SEWER OPERATION	138.58
117020	IBARRA, MARY LOU	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117021	IMES, LORALEE		GENERAL FUND	100.00
117022	J. THAYER COMPANY	OFFICE SUPPLIES	UTIL ADMIN	850.37
117023	J.A. BRENNAN ASSOC	PROFESSIONAL SERVICES	GMA-PARKS	3,805.68
117024	JAMES W FOWLER CO	PAY ESTIMTE #13	WATER CAPITAL PROJECTS	808,386.03
117025	JAMES, MICHELLE	REFUND CLASS FEES	PARKS-RECREATION	68.00
117026	JESSEN, MATTHEW	REIMBURSE MEAL	UTIL ADMIN	14.00
117027	JOSEPH, SHERYL & NAT		WATER/SEWER OPERATION	37.57
117028	K2 DATA SYSTEMS INC	SUPPORT SERVICES	UTIL ADMIN	2,465.00
117029	KAISER PERMANENTE	DOT PHYSICALS AND BAT/DRUG SCR	SOLID WASTE OPERATIONS	60.00
	KAISER PERMANENTE		GENERAL SERVICES - OVERT	95.00
117030	KEELEY, IDA	RENTAL FEE REFUND	PARKS-RECREATION	85.00
	KEELEY, IDA	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117031	KIM, JAMIE S.	PUBLIC DEFENDER	PUBLIC DEFENSE	135.00
	KIM, JAMIE S.		PUBLIC DEFENSE	300.00
117032	KONECRANES, INC.	SERVICE ON HOIST AND CRANE	WASTE WATER TREATMENT F	1,718.87
117033	LAKESIDE INDUSTRIES	ASPHALT	WATER DIST MAINS	269.70
	LAKESIDE INDUSTRIES		SEWER MAIN COLLECTION	269.70
	LAKESIDE INDUSTRIES		ROADWAY MAINTENANCE	269.71
117034	LANG, TRISTA	REFUND RENTAL FEES	PARKS-RECREATION	50.00

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117034	LANG, TRISTA	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117035	LASTING IMPRESSIONS	SHIRTS	ER&R	478.62
	LASTING IMPRESSIONS	SWEATSHIRTS	ER&R	541.57
117036	LENCO ARMORED VEH	2017 LENCO BEARCAT ARMORED VEH	ER&R	-22,898.33
	LENCO ARMORED VEH		EQUIPMENT RENTAL	274,528.33
117037	LES SCHWAB TIRE CTR	TIRES	ER&R	1,034.05
117038	LOWES HIW INC	HARDWARE	PARK & RECREATION FAC	82.99
	LOWES HIW INC	TREES	PARK & RECREATION FAC	195.74
117039	MARYSVILLE CRISIS	RENTAL DEPOSIT REFUND	GENERAL FUND	500.00
117040	MARYSVILLE PRINTING	SUMMER CAMP FLYERS	RECREATION SERVICES	44.38
	MARYSVILLE PRINTING		RECREATION SERVICES	44.38
	MARYSVILLE PRINTING		RECREATION SERVICES	56.43
	MARYSVILLE PRINTING		RECREATION SERVICES	56.43
	MARYSVILLE PRINTING	BUSINESS CARDS	ROADSIDE VEGETATION	99.92
	MARYSVILLE PRINTING		PURCHASING/CENTRAL STOF	99.93
	MARYSVILLE PRINTING		COMMUNITY DEVELOPMENT-	99.93
	MARYSVILLE PRINTING		WASTE WATER TREATMENT F	99.93
	MARYSVILLE PRINTING		COMMUNITY SERVICES UNIT	114.56
	MARYSVILLE PRINTING	FORMS AND ENVELOPES	PROBATION	164.34
	MARYSVILLE PRINTING	CLEAN SWEEP SIGNS	PROTECTIVE INSPECTIONS	181.65
	MARYSVILLE PRINTING	BUSINESS CARDS	STORM DRAINAGE	199.82
	MARYSVILLE PRINTING	SUMMER CAMP FLYERS	RECREATION SERVICES	334.12
	MARYSVILLE PRINTING		RECREATION SERVICES	334.12
	MARYSVILLE PRINTING	FORMS AND ENVELOPES	MUNICIPAL COURTS	493.02
117041	MARYSVILLE SCHOOL	FACILITY RENTAL-TMS	RECREATION SERVICES	45.00
	MARYSVILLE SCHOOL		RECREATION SERVICES	72.00
	MARYSVILLE SCHOOL	FACILITY RENTAL-CEDARCREST	RECREATION SERVICES	122.00
	MARYSVILLE SCHOOL	FACILITY RENTAL-TMS	RECREATION SERVICES	969.88
117042	MARYSVILLE SCHOOL	RENTAL DEPOSIT REFUND	GENERAL FUND	250.00
117043	MARYSVILLE, CITY OF	UTILITY SERVICE-3RD & STATE	PARK & RECREATION FAC	22.66
	MARYSVILLE, CITY OF	UTILITY SERVICE-60 STATE AVE	MAINT OF GENL PLANT	33.03
	MARYSVILLE, CITY OF	UTILITY SERVICE-1050 COLUMBIA	PARK & RECREATION FAC	40.11
	MARYSVILLE, CITY OF	UTILITY SERVICE-1049 STATE AVE	CITY HALL	71.94
	MARYSVILLE, CITY OF	UTILITY SERVICE-1050 COLUMBIA	PARK & RECREATION FAC	118.50
	MARYSVILLE, CITY OF	UTILITY SERVICE-601 DELTA AVE	NON-DEPARTMENTAL	148.48
	MARYSVILLE, CITY OF	UTILITY SERVICE-6802 84TH ST N	GOLF ADMINISTRATION	197.81
	MARYSVILLE, CITY OF	UTILITY SERVICE-80 COLUMBIA AV	MAINT OF GENL PLANT	197.81
	MARYSVILLE, CITY OF		ROADWAY MAINTENANCE	221.64
	MARYSVILLE, CITY OF	UTILITY SERVICE-514 DELTA AVE	COMMUNITY CENTER	652.78
	MARYSVILLE, CITY OF	UTILITY SERVICE-1015 STATE AVE	COURT FACILITIES	673.52
	MARYSVILLE, CITY OF	UTILITY SERVICE-1049 STATE AVE	CITY HALL	764.97
	MARYSVILLE, CITY OF	UTILITY SERVICE-80 COLUMBIA AV	EQUIPMENT RENTAL	788.68
	MARYSVILLE, CITY OF		WASTE WATER TREATMENT F	1,146.30
	MARYSVILLE, CITY OF		WASTE WATER TREATMENT F	1,847.85
	MARYSVILLE, CITY OF		MAINT OF GENL PLANT	2,865.03
117044	MATTHEWS, ERIC	REIMBURSE TRAINING/CERT EXPENS	TRANSPORTATION MANAGEM	125.00
117045	MC SHANE, PAUL	REIMBURSE TRAVEL/TRAINING EXPE	POLICE INVESTIGATION	111.52
117046	MEANS, ANNELIESE		WATER/SEWER OPERATION	451.50
117047	METCALF, SHELLEY	INSTRUCTOR SERVICES	RECREATION SERVICES	1,130.87
	METCALF, SHELLEY		RECREATION SERVICES	1,153.68
117048	MINE SAFETY APPLIANC	GAS MASKS AND VOICE AMPLIFIERS	POLICE PATROL	1,254.48
117049	MOTOR TRUCKS	HOSE ASSEMBLY	EQUIPMENT RENTAL	42.52
117050	NATIONAL BARRICADE	PARK SIGNS	GMA-PARKS	686.07
	NATIONAL BARRICADE	ROAD SIGNS	TRANSPORTATION MANAGEM	1,281.75
117051	NAVIA BENEFIT	FLEX PLAN FEES	PERSONNEL ADMINISTRATIO	66.40
117052	NGUYEN, ALEX		WATER/SEWER OPERATION	61.86
117053	NORTH COAST ELECTRIC	LIMIT SWITCH	WASTE WATER TREATMENT F	453.85
117054	NORTHPOINTE HOMEOWN	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117055	NORTHWESTERN AUTO	REMOVE GRAPHICS #P168	EQUIPMENT RENTAL	286.93
	NORTHWESTERN AUTO	REPAIR VEHICLE #308	EQUIPMENT RENTAL	2,243.10
117056	NVP CONSTRUCTIONS LL		WATER/SEWER OPERATION	62.26

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117057	OFFICE DEPOT	OFFICE SUPPLIES	ENGR-GENL	9.92
	OFFICE DEPOT		UTIL ADMIN	12.33
	OFFICE DEPOT		POLICE PATROL	21.82
	OFFICE DEPOT		SMALL ENGINE SHOP	33.14
	OFFICE DEPOT		POLICE PATROL	34.90
	OFFICE DEPOT		ENGR-GENL	48.98
	OFFICE DEPOT		ENGR-GENL	50.68
	OFFICE DEPOT	CABINET	UTIL ADMIN	60.00
	OFFICE DEPOT		ENGR-GENL	60.00
	OFFICE DEPOT	OFFICE SUPPLIES	POLICE INVESTIGATION	67.21
	OFFICE DEPOT		STORM DRAINAGE	69.48
	OFFICE DEPOT		SEWER MAIN COLLECTION	69.49
	OFFICE DEPOT		LEGAL - PROSECUTION	148.51
	OFFICE DEPOT		POLICE INVESTIGATION	160.12
	OFFICE DEPOT		UTILITY BILLING	180.45
	OFFICE DEPOT		POLICE PATROL	187.60
	OFFICE DEPOT		STORM DRAINAGE	220.88
	OFFICE DEPOT		SEWER MAIN COLLECTION	220.88
	OFFICE DEPOT	FILE CABINET	SMALL ENGINE SHOP	229.09
	OFFICE DEPOT	TV, MOUNT AND ANTENNA	STORM DRAINAGE	325.77
	OFFICE DEPOT		WASTE WATER TREATMENT F	325.77
	OFFICE DEPOT	OFFICE SUPPLIES	POLICE PATROL	387.79
117058	PARAMOUNT SUPPLY	FLANGE GASKETS	WATER FILTRATION PLANT	110.38
117059	PART WORKS INC, THE	PARTS AND CLEANER	PARK & RECREATION FAC	257.48
117060	PARTS STORE, THE	LENS AND SHIFT SELECTOR	EQUIPMENT RENTAL	5.36
	PARTS STORE, THE	SWITCH	EQUIPMENT RENTAL	5.76
	PARTS STORE, THE		EQUIPMENT RENTAL	8.39
	PARTS STORE, THE	LIFT GATE SUPPORTS	EQUIPMENT RENTAL	49.75
	PARTS STORE, THE	FLUID	SEWER MAIN COLLECTION	56.03
	PARTS STORE, THE		STORM DRAINAGE	56.04
	PARTS STORE, THE	LED, BLADES AND FILTERS	ER&R	57.04
	PARTS STORE, THE	BRAKE PADS AND SEALS	EQUIPMENT RENTAL	97.32
117061	PARTSMaster	BASE LIGHTS, CUTTER AND FLASHL	EQUIPMENT RENTAL	599.93
117062	PASADO'S SAFE HAVEN	ANIMAL CASE MP17-09606	COMMUNITY SERVICES UNIT	120.10
117063	PEACE OF MIND	MINUTE TAKING SERVICE	CITY CLERK	140.80
	PEACE OF MIND		CITY CLERK	156.80
	PEACE OF MIND		CITY CLERK	156.80
117064	PETROCARD SYSTEMS	FUEL CONSUMED	ENGR-GENL	29.63
	PETROCARD SYSTEMS		EQUIPMENT RENTAL	78.76
	PETROCARD SYSTEMS		STORM DRAINAGE	109.73
	PETROCARD SYSTEMS		FACILITY MAINTENANCE	145.65
	PETROCARD SYSTEMS		COMMUNITY DEVELOPMENT-	254.24
	PETROCARD SYSTEMS		PARK & RECREATION FAC	875.56
	PETROCARD SYSTEMS		GENERAL SERVICES - OVERT	2,173.13
	PETROCARD SYSTEMS		SOLID WASTE OPERATIONS	3,239.94
	PETROCARD SYSTEMS		MAINT OF EQUIPMENT	3,516.21
	PETROCARD SYSTEMS		POLICE PATROL	5,693.92
117065	PETTY CASH- KBCC	MARKETING REIMBURSEMENT	COMMUNITY CENTER	19.07
117066	PETTY CASH- PARKS	SPECIAL EVENT SUPPLIES AND POS	PARK & RECREATION FAC	16.44
	PETTY CASH- PARKS		OPERA HOUSE	63.00
117067	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	2.49
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	30.53
	PGC INTERBAY LLC		PRO-SHOP	30.55
	PGC INTERBAY LLC		MAINTENANCE	45.00
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	52.68
	PGC INTERBAY LLC		MAINTENANCE	52.68
	PGC INTERBAY LLC		PRO-SHOP	63.15
	PGC INTERBAY LLC		MAINTENANCE	64.72
	PGC INTERBAY LLC		PRO-SHOP	111.87
	PGC INTERBAY LLC		PRO-SHOP	122.37
	PGC INTERBAY LLC		MAINTENANCE	131.47

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117067	PGC INTERBAY LLC	GOLF COURSE PAYROLL	MAINTENANCE	147.06
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	161.70
	PGC INTERBAY LLC		MAINTENANCE	172.60
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	MAINTENANCE	199.02
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	217.74
	PGC INTERBAY LLC		MAINTENANCE	221.63
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	228.13
	PGC INTERBAY LLC		MAINTENANCE	230.86
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	PRO-SHOP	264.55
	PGC INTERBAY LLC		MAINTENANCE	316.39
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	446.05
	PGC INTERBAY LLC		MAINTENANCE	665.95
	PGC INTERBAY LLC	PROFESSIONAL SERVICES	MAINTENANCE	684.66
	PGC INTERBAY LLC		MAINTENANCE	697.13
	PGC INTERBAY LLC		PRO-SHOP	975.50
	PGC INTERBAY LLC		MAINTENANCE	1,073.39
	PGC INTERBAY LLC		MAINTENANCE	1,242.98
	PGC INTERBAY LLC		GOLF COURSE	1,406.77
	PGC INTERBAY LLC		MAINTENANCE	3,563.39
	PGC INTERBAY LLC		MAINTENANCE	4,871.73
	PGC INTERBAY LLC	GOLF COURSE PAYROLL	PRO-SHOP	6,045.73
	PGC INTERBAY LLC		MAINTENANCE	8,516.74
117068	PIGSKIN UNIFORMS	UNIFORM-GERFIN	PRO ACT TEAM	558.78
117069	PILCHUCK RENTALS	KILL SWITCH	SMALL ENGINE SHOP	18.18
	PILCHUCK RENTALS	HONDA ENGINE REPLACEMENT	SMALL ENGINE SHOP	447.64
117070	PLATT ELECTRIC	VACTOR OFFICE SUPPLIES	STORM DRAINAGE	54.00
	PLATT ELECTRIC		SEWER MAIN COLLECTION	54.00
117071	POSTAL SERVICE	POSTAGE	COMMUNITY DEVELOPMENT-UTIL ADMIN	203.43
	POSTAL SERVICE			346.77
117072	POULTON, JULIE ANNE	PD INVESTIGATION	MUNICIPAL COURTS	155.00
117073	PUD	ACCT #2051-3624-5	SEWER LIFT STATION	15.37
	PUD	ACCT #2024-6103-4	UTIL ADMIN	15.66
	PUD	ACCT #2020-3113-4	PUMPING PLANT	16.60
	PUD	ACCT #2024-9948-9	COMMUNITY EVENTS	18.18
	PUD	ACCT #2016-6804-3	PARK & RECREATION FAC	20.61
	PUD	ACCT #2020-1258-9	PARK & RECREATION FAC	23.04
	PUD	ACCT #2051-9537-3	PARK & RECREATION FAC	23.04
	PUD	ACCT #2016-7213-6	SEWER LIFT STATION	24.45
	PUD	ACCT #2035-6975-1	STORM DRAINAGE	24.66
	PUD	ACCT #2024-7643-8	SEWER LIFT STATION	25.01
	PUD	ACCT #2026-9433-7	TRANSPORTATION MANAGEM	31.84
	PUD	ACCT #2027-9465-7	TRANSPORTATION MANAGEM	36.62
	PUD	ACCT #2035-0002-0	STREET LIGHTING	42.59
	PUD	ACCT #2031-9973-2	TRANSPORTATION MANAGEM	44.04
	PUD	ACCT #2030-0516-0	STREET LIGHTING	45.05
	PUD	ACCT #2025-2469-0	PUMPING PLANT	48.18
	PUD	ACCT #2034-3089-7	STREET LIGHTING	48.25
	PUD	ACCT #2005-7184-2	TRANSPORTATION MANAGEM	51.87
	PUD	ACCT #2024-2648-2	PUBLIC SAFETY BLDG	52.73
	PUD	ACCT #2021-7595-6	TRAFFIC CONTROL DEVICES	54.23
	PUD	ACCT #2035-1961-6	NON-DEPARTMENTAL	55.33
	PUD	ACCT #2022-8858-5	TRANSPORTATION MANAGEM	55.61
	PUD	ACCT #2023-6854-4	TRANSPORTATION MANAGEM	57.67
	PUD	ACCT #2023-0330-1	SEWER LIFT STATION	59.17
	PUD	ACCT #2020-1181-3	PUMPING PLANT	61.52
	PUD	ACCT #2000-8403-6	TRANSPORTATION MANAGEM	69.08
	PUD	ACCT #2006-2538-2	SEWER LIFT STATION	78.45
	PUD	ACCT #2016-7563-4	WASTE WATER TREATMENT F	80.49
	PUD	ACCT #2052-3773-8	TRAFFIC CONTROL DEVICES	85.17
	PUD	ACCT #2052-3927-0	TRAFFIC CONTROL DEVICES	101.54
	PUD	ACCT #2020-0032-9	PARK & RECREATION FAC	118.67

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117073	PUD	ACCT #2023-6855-1	PARK & RECREATION FAC	123.53
	PUD	ACCT #2007-9006-1	PARK & RECREATION FAC	128.68
	PUD	ACCT #2207-6117-5	OPERA HOUSE	132.22
	PUD	ACCT #2012-2506-7	PARK & RECREATION FAC	156.47
	PUD	ACCT #2032-2345-8	PARK & RECREATION FAC	181.17
	PUD	ACCT #2048-2122-7	TRAFFIC CONTROL DEVICES	191.38
	PUD	ACCT #2213-0349-8	STREET LIGHTING	204.69
	PUD	ACCT #2010-2169-8	PARK & RECREATION FAC	218.99
	PUD	ACCT #2012-4769-9	STREET LIGHTING	219.31
	PUD	ACCT #2054-1976-5	PUBLIC SAFETY BLDG	229.47
	PUD	ACCT #2000-7044-9	TRANSPORTATION MANAGEM	240.94
	PUD	ACCT #2004-7954-1	COMMUNITY CENTER	243.29
	PUD	ACCT #2010-2160-7	PARK & RECREATION FAC	251.65
	PUD	ACCT #2023-0972-0	TRAFFIC CONTROL DEVICES	260.87
	PUD	ACCT #2020-0351-3	PUMPING PLANT	290.44
	PUD	ACCT #2002-2385-7	PARK & RECREATION FAC	376.76
	PUD	ACCT #2005-8648-5	SEWER LIFT STATION	837.13
	PUD	ACCT #2011-4725-3	PUMPING PLANT	981.25
	PUD	ACCT #2008-2454-8	MAINT OF GENL PLANT	1,361.14
	PUD	ACCT #2003-0347-7	WATER FILTRATION PLANT	1,382.00
	PUD	ACCT #2014-6303-1	PUBLIC SAFETY BLDG	2,997.07
	PUD	ACCT #2015-7792-1	PUMPING PLANT	4,161.30
	PUD	ACCT #2020-7500-8	WASTE WATER TREATMENT F	6,158.27
	PUD	ACCT #2014-2063-5	WASTE WATER TREATMENT F	10,449.62
	PUD	ACCT #2017-2118-0	WASTE WATER TREATMENT F	16,881.53
117074	PUGET SOUND SECURITY	KEYS MADE	GMA - STREET	17.18
	PUGET SOUND SECURITY		STORM DRAINAGE	18.27
	PUGET SOUND SECURITY		SEWER MAIN COLLECTION	18.28
	PUGET SOUND SECURITY		EQUIPMENT RENTAL	21.93
117075	PUGET SOUND SECURITY	SECURITY SERVICES	PROBATION	807.68
	PUGET SOUND SECURITY		MUNICIPAL COURTS	2,423.07
117076	QUAST, JERI	REFUND RENTAL FEES	PARKS-RENTS & ROYALTIES	122.50
	QUAST, JERI	RENTAL DEPOSIT REFUND	GENERAL FUND	200.00
117077	RH2 ENGINEERING INC	PROFESSIONAL SERVICES	WATER CAPITAL PROJECTS	7,041.64
117078	RICHARDSON, KATHY	REFUND CLASS FEES	PARKS-RECREATION	36.00
117079	ROBINSON, MIKE	REIMBURSE WATER/GATORADE EXPEN	PARK & RECREATION FAC	134.57
117080	ROMAINE ELECTRIC	STARTER	SMALL ENGINE SHOP	180.02
117081	RONGERUDE, JOHN	PUBLIC DEFENDER	PUBLIC DEFENSE	300.00
	RONGERUDE, JOHN		PUBLIC DEFENSE	300.00
117082	ROTH, ERIN	RENTAL DEPOSIT REFUND	GENERAL FUND	100.00
117083	ROY ROBINSON	REPAIR AC	EQUIPMENT RENTAL	546.80
117084	RYAN HERCO PRODUCTS	SUNNYSIDE TREATMENT MATERIALS	WATER CAPITAL PROJECTS	742.45
117085	SAGE, SUSAN		WATER/SEWER OPERATION	22.96
117086	SAYLES LAW FIRM, THE	CASE 15-5738 AHLES	DRUG SEIZURE	200.00
117087	SCHLEDEL, JEREMY	REFUND CLASS FEES	PARKS-RECREATION	20.00
117088	SCHOOLCRAFT, RANDY	REIMBURSE MEAL	UTIL ADMIN	14.00
117089	SCHOOLS IN LLC	CAFETERIA TABLES	WATER/SEWER OPERATION	-148.50
	SCHOOLS IN LLC		CITY STREETS	-148.49
	SCHOOLS IN LLC		GENERAL SERVICES - OVERH	1,780.33
	SCHOOLS IN LLC		UTIL ADMIN	1,780.34
117090	SCORE	INMATE MEDICAL	DETENTION & CORRECTION	255.61
117091	SEATTLE TIMES, THE	EMPLOYMENT ADS	ENGR-GENL	2,538.69
	SEATTLE TIMES, THE		UTIL ADMIN	2,574.96
117092	SEATTLE TIMES, THE	SUBSCRIPTION	EXECUTIVE ADMIN	105.30
117093	SHRED-IT US	MONTHLY SHREDDING SERVICE	PERSONNEL ADMINISTRATIO	4.56
	SHRED-IT US		PROBATION	33.58
	SHRED-IT US		MUNICIPAL COURTS	100.76
117094	SIX ROBBLEES INC	HITCH, MOUNT AND PIN	EQUIPMENT RENTAL	189.41
	SIX ROBBLEES INC	WHEELS	EQUIPMENT RENTAL	206.40
117095	SMITH, RICHARD	REIMBURSE TUITION	POLICE TRAINING-FIREARMS	1,020.00
117096	SMITH, TASHA	REFUND CLASS FEES	PARKS-RECREATION	68.00



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117096	SMITH, TASHA	REFUND CLASS FEES	PARKS-RECREATION	68.00
117097	SNO CO TREASURER	INMATE HOUSING	DETENTION & CORRECTION	34,952.50
	SNO CO TREASURER		DETENTION & CORRECTION	53,689.38
117098	SOLID WASTE SYSTEMS	HYDRAULIC CYLINDER	EQUIPMENT RENTAL	759.53
117099	SONITROL	SECURITY MONITORING SERVICE	UTIL ADMIN	139.00
	SONITROL		COMMUNITY CENTER	149.00
	SONITROL		PUBLIC SAFETY BLDG	168.00
	SONITROL		PARK & RECREATION FAC	276.00
	SONITROL		MAINT OF GENL PLANT	303.00
	SONITROL		CITY HALL	348.00
	SONITROL		WASTE WATER TREATMENT F	514.19
117100	SOUND PUBLISHING	ADVERTISING	COMMUNITY CENTER	70.83
117101	SOUND PUBLISHING	CALL FOR BIDS	ARTERIAL STREET-GENL	201.34
117102	SOUND PUBLISHING	LEGAL ADS	CITY CLERK	233.11
117103	SOUND PUBLISHING	ADVERTISING	OPERA HOUSE	135.00
	SOUND PUBLISHING		COMMUNITY CENTER	135.00
117104	SOUND PUBLISHING	EMPLOYMENT ADS	SOLID WASTE OPERATIONS	354.60
	SOUND PUBLISHING		POLICE ADMINISTRATION	357.10
	SOUND PUBLISHING		UTIL ADMIN	679.20
	SOUND PUBLISHING		ENGR-GENL	691.70
117105	SOUND SAFETY	GLOVES	ER&R	54.30
	SOUND SAFETY	RAIN JACKETS	ER&R	290.47
117106	SOUND TRACTOR	RADIATOR	SMALL ENGINE SHOP	389.93
117107	SOUTHERN COMPUTER	ADAPTER	COMPUTER SERVICES	10.00
	SOUTHERN COMPUTER	CAT5 JACKS	COMPUTER SERVICES	60.75
	SOUTHERN COMPUTER	CONVERTERS	COMPUTER SERVICES	110.05
	SOUTHERN COMPUTER	VIDEO CARDS	MAINT OF GENL PLANT	134.67
	SOUTHERN COMPUTER		COMPUTER SERVICES	134.67
117108	STANTEC CONSULTING	CEDARCREST BPS GENERATOR UPGRA	WATER CAPITAL PROJECTS	4,134.00
	STANTEC CONSULTING	LIFT STATION GENERATOR UPGRADE	SEWER CAPITAL PROJECTS	5,610.50
117109	STAPLES	OFFICE SUPPLIES	COMMUNITY DEVELOPMENT-	5.12
	STAPLES		MUNICIPAL COURTS	137.78
	STAPLES		PARK & RECREATION FAC	142.46
	STAPLES		COMMUNITY DEVELOPMENT-	222.75
117110	STATE AUDITORS OFFIC	AUDIT PERIOD 16-16	NON-DEPARTMENTAL	23.27
	STATE AUDITORS OFFIC		UTIL ADMIN	23.28
117111	STATE PATROL	BACKGROUND CHECKS	PERSONNEL ADMINISTRATIO	300.00
117112	SUEZ TREATMENT	BALLAST AND LAMP	WASTE WATER TREATMENT F	3,364.24
117113	SWANK MOTION PICTURE	MOVIE	OPERA HOUSE	120.00
117114	SYKES, CASSANDRA	INSTRUCTOR SERVICES	COMMUNITY CENTER	49.50
	SYKES, CASSANDRA		COMMUNITY CENTER	54.00
	SYKES, CASSANDRA		COMMUNITY CENTER	66.00
	SYKES, CASSANDRA		COMMUNITY CENTER	83.84
	SYKES, CASSANDRA		COMMUNITY CENTER	140.00
117115	THE ESTATE OF DARLIN		WATER/SEWER OPERATION	219.70
117116	THYSSENKRUPP ELEVATO	PREVENTATIVE MAINTENANCE	PUBLIC SAFETY BLDG	294.31
	THYSSENKRUPP ELEVATO		CITY HALL	294.31
117117	TIMEMARK INCORPORATE	CLAMPS, WEBBING AND END PLUGS	TRANSPORTATION MANAGEM	144.11
117118	TRAFFIC SAFETY STORE	PUNCH POSTS AND ANCHORS	TRANSPORTATION MANAGEM	2,143.82
117119	TRANSPORTATION, DEPT	PROJECT COSTS	GMA-PARKS	89.31
117120	TRANSPORTATION, DEPT	GOOD TO GO TOLL	ENGR-GENL	2.75
117121	TRIPLE D WELDING	WELDING SERVICE	PARK & RECREATION FAC	343.67
117122	TURNER, JACK & JERRE		WATER/SEWER OPERATION	203.38
117123	UNITED PARCEL SERVIC	SHIPPING LATE FEE	POLICE PATROL	10.04
117124	UTILITIES SERVICE CO	EXCAVATION NOTIFICATIONS	UTILITY LOCATING	588.28
117125	VANDERWALKER,M	REIMBURSE MILEAGE	POLICE ADMINISTRATION	70.73
117126	VERIZON	WIRELESS CHARGES	PURCHASING/CENTRAL STOF	24.89
	VERIZON		CRIME PREVENTION	49.78
	VERIZON		UTILITY BILLING	49.78
	VERIZON		PERSONNEL ADMINISTRATIO	55.16
	VERIZON		EQUIPMENT RENTAL	74.67

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117126	VERIZON	WIRELESS CHARGES	PROPERTY TASK FORCE	110.32
	VERIZON		FACILITY MAINTENANCE	110.32
	VERIZON		FINANCE-GENL	120.32
	VERIZON		LEGAL-GENL	168.33
	VERIZON		LEGAL - PROSECUTION	171.31
	VERIZON		RECREATION SERVICES	179.61
	VERIZON		PARK & RECREATION FAC	184.99
	VERIZON		SOLID WASTE CUSTOMER EX	199.12
	VERIZON		OFFICE OPERATIONS	209.88
	VERIZON		YOUTH SERVICES	220.64
	VERIZON		COMMUNITY SERVICES UNIT	220.64
	VERIZON		EXECUTIVE ADMIN	230.64
	VERIZON		MUNICIPAL COURTS	245.50
	VERIZON		WATER SUPPLY MAINS	320.14
	VERIZON		WATER QUAL TREATMENT	350.41
	VERIZON		WASTE WATER TREATMENT F	419.73
	VERIZON		DETENTION & CORRECTION	425.14
	VERIZON		SOLID WASTE OPERATIONS	440.11
	VERIZON		GENERAL SERVICES - OVERH	443.89
	VERIZON		ENGR-GENL	469.51
	VERIZON		COMMUNITY DEVELOPMENT-	479.22
	VERIZON		STORM DRAINAGE	530.05
	VERIZON		COMPUTER SERVICES	587.09
	VERIZON		POLICE INVESTIGATION	605.93
	VERIZON		POLICE ADMINISTRATION	849.54
	VERIZON		UTIL ADMIN	2,084.77
	VERIZON		POLICE PATROL	4,626.22
117127	VETERINARY MEDICOLE	EXPERT REVIEW	MUNICIPAL COURTS	1,000.00
117128	VOLKER, SHARON	RENTAL DEPOSIT REFUND	GENERAL FUND	200.00
117129	WA AUDIOLOGY SRVCS	TESTING	EXECUTIVE ADMIN	20.00
117130	WATCH SYSTEMS	RSO NOTIFICATION	POLICE INVESTIGATION	103.71
117131	WAXIE SANITARY SUPPL	JANITORIAL SUPPLIES	PARK & RECREATION FAC	578.21
117132	WESTERN FACILITIES	JAIL SUPPLIES	DETENTION & CORRECTION	511.81
117133	WESTERN PETERBILT	EXHAUST PIPE, GASKETS AND CLAM	ER&R	721.21
117134	WIN-911 SOFTWARE	WIN-911 ANNUAL SUPPORT RENEWAL	UTIL ADMIN	1,485.00
117135	WLS LIGHTING	STREETLIGHT POLE	CITY STREETS	-504.60
	WLS LIGHTING		STREET LIGHTING	6,049.60
117136	YAKIMA COUNTY DOC	INMATE HOSUING	DETENTION & CORRECTION	9,170.87
117137	ZALDIBAR, EDUARDO	INTERPRETER SERVICES	COURTS	106.21
117138	ZERR, DOROTHY		GARBAGE	5.17

**WARRANT TOTAL: 1,578,937.69**

CHECK #112515	CHECK LOST IN MAIL	(65.00)
CHECK #112791	CHECK LOST IN MAIL	(9.76)
CHECK #114701	CHECK LOST IN MAIL	(36.00)
CHECK #116511	CHECK DAMAGED	(125.00)

**REASON FOR VOIDS:**  
 UNCLAIMED PROPERTY  
 INITIATOR ERROR  
 WRONG VENDOR  
 CHECK LOST/DAMAGED IN MAIL

**1,578,701.93**

*Update*  
*Index #15*

**CITY OF MARYSVILLE**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

AGENDA ITEM: Claims	AGENDA SECTION:	
PREPARED BY: Sandy Langdon, Finance Director	AGENDA NUMBER:	
ATTACHMENTS: Claims Listings	APPROVED BY:	
	MAYOR	CAO
BUDGET CODE:	AMOUNT:	

Please see attached.

**RECOMMENDED ACTION:**

**The Finance and Executive Departments recommend City Council approve the May 31, 2017 claims in the amount of \$80,000.00 paid by EFT transactions and Check No. 117139 through 117139 with no Check No.'s voided.**

**COUNCIL ACTION:**

BLANKET CERTIFICATION

**CLAIMS  
FOR  
PERIOD-5**

I, THE UNDERSIGNED, DO HEREBY CERTIFY UNDER PENALTY OF PERJURY THAT THE MATERIALS HAVE BEEN FURNISHED, THE SERVICES RENDERED OR THE LABOR PERFORMED AS DESCRIBED HEREIN AND THAT THE **CLAIMS** IN THE AMOUNT OF **\$80,000.00 PAID BY EFT TRANSACTIONS AND CHECK NO.'S 117139 THROUGH 117139 WITH NO CHECK NO.'S VOIDED** ARE JUST, DUE AND UNPAID OBLIGATIONS AGAINST THE CITY OF MARYSVILLE, AND THAT I AM AUTHORIZED TO AUTHENTICATE AND TO CERTIFY SAID CLAIMS.

\_\_\_\_\_  
AUDITING OFFICER

\_\_\_\_\_  
DATE

\_\_\_\_\_  
MAYOR

\_\_\_\_\_  
DATE

WE, THE UNDERSIGNED COUNCIL MEMBERS OF MARYSVILLE, WASHINGTON DO HEREBY APPROVE FOR PAYMENT THE ABOVE MENTIONED **CLAIMS** ON THIS **12<sup>th</sup> DAY OF JUNE 2017.**

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

\_\_\_\_\_  
COUNCIL MEMBER

DATE: 5/26/2017  
TIME: 11:03:33AM

**CITY OF MARYSVILLE**  
**INVOICE LIST**  
**FOR INVOICES FROM 5/25/2017 TO 5/31/2017**

PAGE: 1 94

<u>CHK #</u>	<u>VENDOR</u>	<u>ITEM DESCRIPTION</u>	<u>ACCOUNT DESCRIPTION</u>	<u>ITEM AMOUNT</u>
117139	SNO CO SUPERIOR	1518 1ST ST (17-2-00667-31)	GMA - STREET	80,000.00
<b>WARRANT TOTAL:</b>				<b><u>80,000.00</u></b>

**REASON FOR VOIDS:**

- UNCLAIMED PROPERTY
- INITIATOR ERROR
- WRONG VENDOR
- CHECK LOST/DAMAGED IN MAIL

*Update*  
*Index #16*

**CITY OF MARYSVILLE**

**EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

AGENDA ITEM: Payroll	AGENDA SECTION:	
PREPARED BY: Sandy Langdon, Finance Director	AGENDA NUMBER:	
ATTACHMENTS: Blanket Certification	APPROVED BY:	
	MAYOR	CAO
BUDGET CODE:	AMOUNT:	

**RECOMMENDED ACTION:**

The Finance and Executive Departments recommend City Council approve the June 5, 2017 payroll in the amount \$1,771,396.50, EFT Transactions and Check No.'s 30795 through 30851.

**COUNCIL ACTION:**



*Update*  
*Index #5*

**CITY OF MARYSVILLE AGENDA BILL**  
**EXECUTIVE SUMMARY FOR ACTION**

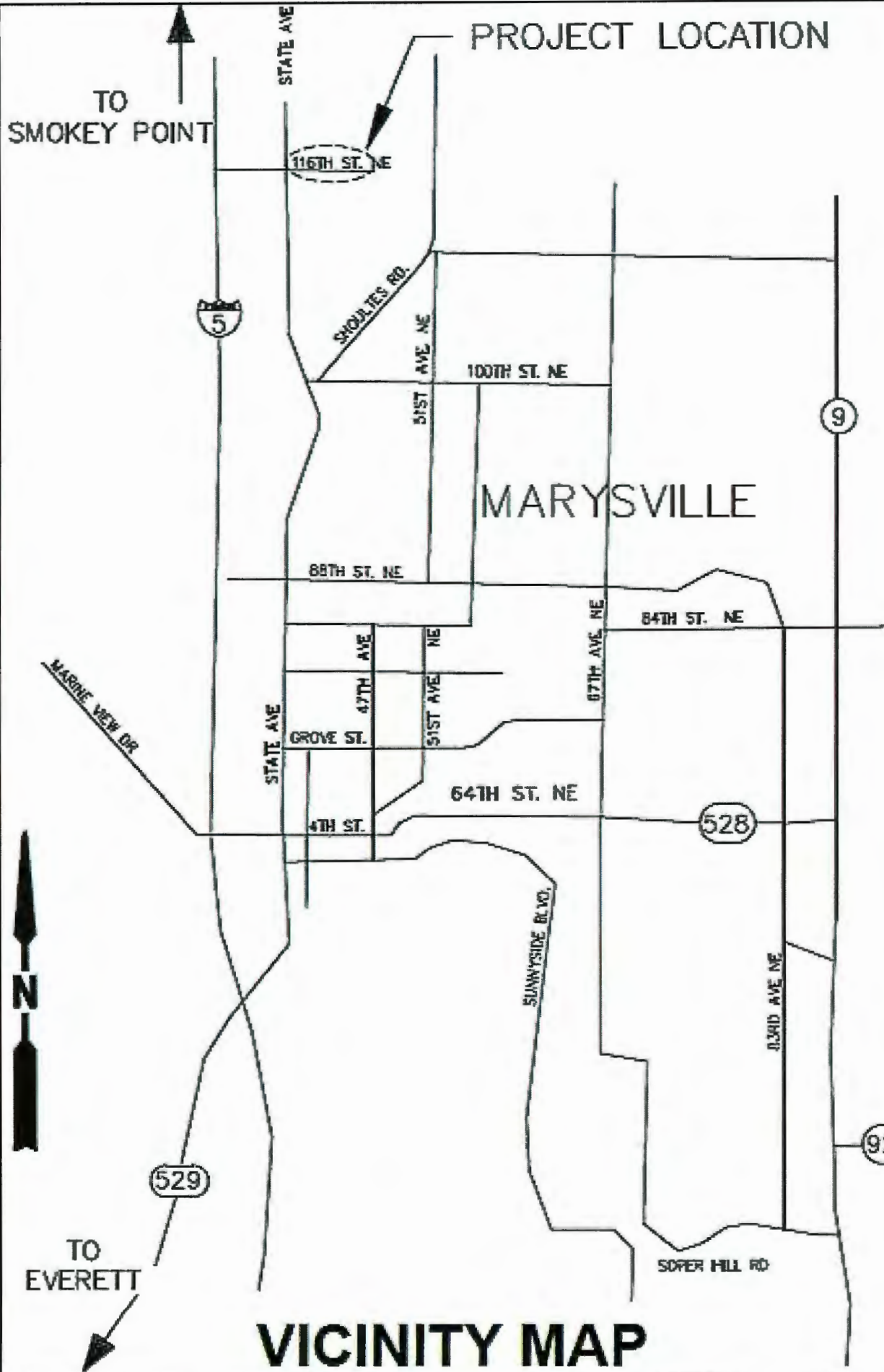
**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
Contract Award – Marshall Elementary Safe Routes to School	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Kyle Woods, Project Engineer	JL
<b>DEPARTMENT:</b>	
Engineering	
<b>ATTACHMENTS:</b>	
Vicinity Map Certified Bid Tab	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
30500030.563000.M1506	\$550,000.00
<b>SUMMARY:</b>	
<p>The work of this contract involves the construction of pedestrian and bicycle improvements on 116<sup>th</sup> St NE from east of State Avenue to east of 47<sup>th</sup> Ave NE and near Marshall Elementary School. The work includes site preparation, storm drainage facilities, curb, gutter and sidewalk, grading, pavement cutting, paving, striping, signage and property restoration.</p> <p>The project is funded in part by the WSDOT Safe Routes to School Program.</p> <p>The project was advertised for a May 25, 2017 bid opening. The City received 2 bids. The low bidder was SRV Construction, Inc. at \$517,878.20. The engineer's estimate is \$517,773.70. References have been checked and found to be satisfactory.</p>	
Contract Bid:	\$517,878.20
<u>Management Reserve:</u>	<u>\$57,121.80</u>
Construction Total:	\$575,000.00
Safe Routes to School Construction Funding:	\$310,000.00
Total Construction Cost to the City (TBD Funds):	\$265,000.00

**RECOMMENDED ACTION:**

Staff recommends that Council authorize the Mayor to sign and execute the Marshall Elementary Safe Routes to School project with SRV Construction, Inc. in the amount of \$517,878.20, including Washington State Sales Tax and approve a management reserve of \$57,121.80 for a total allocation of \$575,000.00.





# VICINITY MAP

# *Index #6*

**CITY OF MARYSVILLE AGENDA BILL  
EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
Public Hearing on Water Use Efficiency (WUE) Program Ordinance No.      Adopting the 2016 Water System Plan (WSP)	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Jeff Laycock, City Engineer	
<b>DEPARTMENT:</b>	
Engineering	
<b>ATTACHMENTS:</b>	
1. Water Use Efficiency Program 2. WSP Executive Summary and Capital Improvement Program 4. PC Minutes from January 10, 2017 Public Hearing 5. PC Minutes from November 9, 2016 Workshop 6. Adopting Ordinance and Notice of Public Hearing	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
N/A	N/A
<b>SUMMARY:</b>	

Attached to the Agenda Bill is a copy of the Water Use Efficiency (WUE) Program, 2016 Water System Plan (WSP) Executive Summary and Capital Improvement Program. An electronic copy of the complete WSP can be found here:  
<http://docs.marysvillewa.gov/htcomnet/Handlers/AnonymousDownload.ashx?folder=2ae9acd5>

The WUE Rule requires monitoring of the City’s water system production/consumption and to maintain a system leakage at or below 10%. Based on previous WUE goals and analysis of current water demands a new WUE goal of 7.1% reduction in average daily demand is proposed to be adopted with this WSP.

The WSP discusses planning consideration, existing conditions, operation and maintenance standards and recommended improvements to meet future water demands in the City’s water service area for a 20-year period.

The Planning Commission (PC) held a public workshop on November 9, 2016 and a public hearing on January 10, 2017 to accept public comment and review the WSP following public notice. As reflected in the minutes from the public hearing, dated January 10, 2017, the PC recommends Council adopt the WSP by ordinance, as presented.

**RECOMMENDED ACTION:**  
 Staff recommends that Council authorize the Mayor to conduct a public hearing regarding the City’s Water Use Efficiency Goals and, based on public testimony, and Council deliberations, sign the attached ordinance, affirming the Planning Commission’s recommendation, adopting the 2016 Water System Plan.

# WATER USE EFFICIENCY PROGRAM

## INTRODUCTION

The City of Marysville (City) recognizes that water is a valuable and essential natural resource that needs to be used wisely. This Water Use Efficiency (WUE) program provides an approach to increase water use efficiency within the City's water service area.

## BACKGROUND

### THE WATER USE EFFICIENCY RULE

In September 2003, the Washington State Legislature passed the Municipal Water Supply – Efficiency Requirements Act, also known as the Municipal Water Law. The Municipal Water Law required the state to implement the WUE Rule. The intent of this rule is to help reduce the demand that growing communities, agriculture, and industry have placed on our state's water resources, and to better manage these resources for fish and other wildlife. Municipal water suppliers are obligated under the WUE Rule to enhance the efficient use of water by the system and/or its consumers.

The WUE Rule applies to all municipal water suppliers and requires suppliers to:

- Develop WUE goals through a public process and report annually on their performance;
- Maintain distribution system leakage at or below 10 percent of production;
- Meter all existing and new service connections;
- Collect production and consumption data, calculate distribution system leakage (DSL), and forecast demands;
- Evaluate WUE measures; and
- Implement a WUE program.

### WATER USE EFFICIENCY PROGRAM REQUIREMENTS

The *Water Use Efficiency Guidebook*, originally published by the Washington State Department of Health (DOH) in July 2007 and revised in January 2009 and January 2011, identifies the water use reporting, forecasting, and efficiency program requirements for public water systems. A WUE program meeting these requirements is a necessary element of a water system plan as required by the DOH and is necessary to obtain water right permits from the Washington State Department of Ecology (Ecology). The *Water Use Efficiency Guidebook* defines the necessary components of a WUE program as the following four fundamental elements.

1. Planning requirements that include collecting data, forecasting demand, evaluating WUE measures, calculating DSL, and implementing a WUE program to meet goals.
2. A DSL standard of 10 percent or less based on a 3-year rolling average. For systems with less than 500 connections, the DSL standard may be increased to 20 percent if a request with supporting data is provided to the DOH.

3. Goal setting to provide a benchmark for achievement and to help define the success of the WUE program.
4. Annual performance reporting on progress towards meeting WUE goals.

## WATER SUPPLY CHARACTERISTICS

Water in the City’s system is supplied by both Marysville-owned sources and from Everett. Everett’s water supply comes from the Sultan River. Marysville-owned sources include the Lake Goodwin Well, Edward Springs and Wells, the Stillaguamish River Ranney Collector, Sunnyside Wells No. 1R and 2, and the Highway 9 Well. The Highway 9 Well and Sunnyside Wells are currently offline for water quality purposes, however the Sunnyside Wells will be operational once their water treatment facility is completed in 2017.

A summary of the Marysville-owned sources is shown in **Table 1**, and a more detailed description of each source of supply is provided in **Chapter 2** of the City’s *Water System Plan (WSP)*.

**Table 1  
Supply Facilities Summary**

Well	Pressure Zone	Year Installed	Use	Existing Pumping Capacity (gpm)	Well Depth (feet)	Well Diameter (Inches)	Pump Type	Pump Motor Size (hp)	Water Treatment
Stillaguamish Ranney Well Collector	240 Zone	1978	Active	2,250	n/a	n/a	(2) Submersible	(2) 100	Membrane, Chlorine
Edward Springs Spring Source	240 Zone	1930s	Active	760	n/a	n/a	Centrifugal	(2) 3	Chlorine, UV
Edward Springs Well No. 1R	240 Zone	2008	Active	170	182	12	Submersible	15	Chlorine
Edward Springs Well No. 2	240 Zone	Prior to 1960 <sup>1</sup>	Active	225	160	unknown	Submersible	15	Chlorine
Edward Springs Well No. 3	240 Zone	1987 <sup>1</sup>	Active	300	181	unknown	Submersible	25	Chlorine
Lake Goodwin Well	460 Zone	1970	Active	350	450	unknown	Vertical Turbine	50	Chlorine
Highway 9 Well	510 Zone	1981	Offline <sup>2</sup>	n/a	270	unknown	n/a	n/a	n/a
Sunnyside Well No. 1R	360 Zone	2009	Offline <sup>2</sup>	n/a	278	16	n/a	n/a	n/a
Sunnyside Well No. 2	360 Zone	1985	Offline <sup>2</sup>	n/a	328	16	Vertical Turbine	100	n/a

<sup>1</sup> = Rehabilitated in 2004.  
<sup>2</sup> = Currently offline for water quality purposes.

The City currently holds one water right permit and eleven water right certificates for its independent sources of municipal water supply. In addition, the City has water available to from the City of Everett through a Joint Operating Agreement (JOA) which is provided through the JOA supply pipeline. A summary of these water rights is presented in **Table 2**. Additional water rights information for each source may be found in **Chapter 6** of the WSP and on the certificates, permits, and water rights self-assessment, which are included in **Appendix J**.



**Table 2  
Existing Water Rights and Interties**

Water Right	Document	Use	Source Name	Instantaneous Rate (gpm)			Annual Volume (afy)		
				Additive	Non-additive	Maximum From Source	Additive	Non-additive	Maximum From Source
SWC 184	Certificate	Mitigation	Edward Springs	200	0	1,392	108.3	0	2,232
	Municipal			180	0		487.7	0	
SWC 2180	Certificate	Municipal		1,032	0		1,656	0	
GWC 286	Certificate	Municipal	Edward Springs Well No. 1R	300	0	300	160	0	480
GWC 1152	Certificate	Municipal		0	300		0	320	
GWC 2098	Certificate	Municipal	Edward Springs Well No. 2	500	0	500	0	800	800
GWC 4155	Certificate	Municipal	Cedarcrest La Joy Well	57	0	57	0	91	91
GWC 3100	Certificate	Municipal	Sunnyside Well No. 1R	1,000	0	1,000	0	1,344	1,344
GWC 5469	Certificate	Municipal	Sunnyside Well No. 2	1,000	0	1,000	0	1,176	1,176
GWC 6980	Certificate	Municipal	Lake Goodwin Well	550	0	550	880	0	880
G1-00875C	Certificate	Municipal	Stillaguamish River Well	2,250	0	2,250	3,600	0	3,600
G1-23487C	Certificate	Municipal	Highway 9 Well	1,000	0	1,000	1,600	0	1,600
G1-25182P	Permit	Municipal	Edward Springs Well No. 3	400	0	400	0	451	451
<b>Mitigation Peak/Total</b>				<b>200</b>	<b>0</b>		<b>108.3</b>	<b>0</b>	
<b>Municipal Peak/Total</b>				<b>8,249</b>	<b>300</b>		<b>8,363.7</b>	<b>4,182</b>	
<b>Water Right Total</b>				<b>8,449</b>	<b>300</b>		<b>8,472</b>	<b>4,182</b>	
<b>JOA Supply Line (Everett Intertie)</b>				<b>9,132</b>		<b>9,132</b>	<b>14,730</b>		<b>14,730</b>
<b>Municipal Grand Total</b>				<b>17,381</b>			<b>23,093.7</b>		

**Notes:**  
 - Takes into account mitigation requirement under SWC 184 and that that rate and volume is not available for municipal supply.  
 - Considers full Edward Springs surface rights to equal combined 3.1 cfs.  
 - 0.8 cfs = 360 gpm  
 - 2.3 cfs = 1,032 gpm  
 - Table represents peak usage periods of July 1 through September 30 when 200 gpm from SWC 184 is bypassed to Cougar Creek.  
 - 8,472 afy total annual volume from Pollution Control Hearings Board Stipulation and Agreed Order of Dismissal for Case No. 96-153.  
 - The JOA Pipeline supplies water from the City of Everett regional water system.

Sources of water derive from recharge of precipitation into aquifers that discharge to City-owned wells and springs, as well as area streams and rivers. Groundwater recharge to the City's sources of supply occurs within the Stillaguamish River watershed (Water Resources Inventory Area (WRIA) 5) and the Snohomish River watershed (WRIA 7) and these sources are beneficially used within both WRIA 5 and WRIA 7.

Some of the sources of supply are located in the Snohomish basin, one of the 16 fish-critical basins identified through the Statewide Salmon Recovery Strategy. The City water rights are senior to the instream flow rules (Washington Administrative Code 173-507 and 173-505) and not subject to limitation by stream flow in the Snohomish or Stillaguamish River or their respective tributaries. The Snohomish River Basin Salmon Conservation Plan (2005) has identified water quantity in the Snohomish River Basin as a concern for sustainable fish populations. The Stillaguamish River Watershed Chinook Salmon Recovery Plan (2005) has identified increasing stream flow during the summer as a goal to improve habitat conditions for Chinook salmon, a species designated as Threatened under the Endangered Species Act in the Stillaguamish Basin.

Environmental factors such as drought and climate change could have a negative effect on recharge to the aquifers. With the exception of some undocumented reports of water level issues in private wells surrounding the Highway 9 Well (currently offline), there are no known issues with declining groundwater levels.

## WATER USE EFFICIENCY PROGRAM

As previously described, the fundamental elements of a WUE program include planning requirements and DSL standards, as well as goal setting and performance reporting. The City's water use data, demand forecasts and other planning requirements are contained in **Chapter 4** of the WSP. The City is committed to continue collecting water use data beyond that presented in **Chapter 4** for evaluation of its WUE program and water use patterns, and for forecasting demands for future facilities. The City's WUE program that follows includes a statement of its goals and objectives, the evaluation and selection of alternative efficiency measures, the schedule and budget, and the method of program monitoring.

### WATER USE EFFICIENCY GOALS AND THE PUBLIC PROCESS

Per Washington Administrative Code (WAC) 246-290-830, WUE goals must be set through a public process and shall be evaluated and reestablished a minimum of every 6 years. In compliance with the WUE Rule, public hearings were held on June 23<sup>rd</sup> and July 27<sup>th</sup>, 2009, to present and discuss goals. Background on the City's WUE program, water supply characteristics, water demand forecasts, and other elements were made available 2 weeks prior to the public forum date. All comments received at the forum were reviewed and considered by the City. The City's current WUE goals were adopted by the City in 2009. In the future, WUE goals will be evaluated and reestablished during the water system planning process, or at minimum of every 6 years.

Based on the successful implementation of the current WUE program, the City achieved the goal adopted in 2009. The 2009 goal was to save 129,000 gpd on an annual basis at full implementation of the six-year program (2014). The projected 2014 average day demand with conservation from the 2009 WSP was 12.2 MGD. The actual 2014 average day demand, as listed in **Chapter 4**, was approximately 6.7 MGD. A new goal has been proposed based on the demand analysis and projections presented in the City's updated WSP. It is anticipated that the proposed goals will be adopted along with the WSP at a regularly scheduled City Council meeting. Prior to adoption of the goals, a public notice will be posted at least 2 weeks before a City Council meeting public forum for presenting and considering public comments.

The proposed goals and objectives of the City's WUE program consist of:

- Reduce the system-wide average daily demand by 7.1 percent by 2035, and maintain this reduction through 2036 (the end of the 20-year planning period).

This goal is based on the City of Everett's goal to reduce the average daily demand projection in 2035 from 80.6 MGD to 74.9 MGD, a 7.1 percent reduction.

The City will achieve these goals and objectives through the implementation of the WUE program that follows.

### EVALUATION AND SELECTION OF WATER USE EFFICIENCY MEASURES

The City's evaluation of WUE measures and selected levels of implementation are presented within this section. The measures fall within three categories of implementation: 1) mandatory measures that must be implemented; 2) measures that must be evaluated; and 3) additional measures selected by the City that must be either evaluated or implemented.

The City served an average of 20,376 water service connections in 2014. Based on the number of connections, at least nine WUE measures must be evaluated or implemented. Measures that are mandatory cannot be credited towards the system's WUE measures. Since the City implements the minimum number of required measures, a cost-effective evaluation is not required.

## **Mandatory Measures**

### **Source Meters**

The volume of water produced by the system's sources must be measured using a source meter or other meter installed upstream of the distribution system. Source meters are currently installed and operating at each of the City's sources. If any new sources are installed in the future, they will be equipped with a source meter.

### **Service Meters**

All public water systems that supply water for municipal purposes must install individual service meters for all water users. Service meters are currently installed and operating at all connections throughout the distribution system. All future connections that are installed or activated will be equipped with a service meter.

### **Meter Calibration**

The City must calibrate and maintain meters based on generally accepted industry standards and manufacturer information. Compliance will be maintained by the City by performing maintenance on the source and service meters every 5 to 10 years at a minimum. Meter calibration verification testing is performed on an as-needed basis, typically annually.

### **Water Loss Control Action Plan**

To control leakage, systems that do not meet the DSL standard must implement a Water Loss Control Action Plan (WLCAP). As shown in **Chapter 4**, the City's DSL has consistently been negative, which indicates inaccuracy in the production or consumption data available. The City suspects the error is due to inaccuracy at the production meters (specifically the Everett Intertie meter) and will continue to work towards resolving these inaccuracies. The City will also work to improve recordkeeping for authorized water consumption uses such as construction, flushing, and firefighting activities to reduce the amount of DSL in the system. The City owns leak detection equipment and performs periodic leak detection surveys to monitor performance of various parts of the system. Leak detection was conducted on the transmission main that runs from the Stillaguamish Ranney Well to the Stillaguamish WTP in 2008; no leaks were found.

### **Customer Education**

Annual customer education regarding the importance of using water efficiently is a required element of all WUE programs. Customer education is provided in the City's annual Consumer Confidence Report (CCR) to customers and includes information on the system's DSL, progress towards meeting WUE goals, and tips for customers on using water more efficiently.

## Measures That Must Be Evaluated

### Rate Structure

A rate structure that encourages WUE and provides economic incentives to conserve water must be evaluated, but is not required to be implemented. The City's current utility rates are designed to discourage excessive water use. A base water rate is charged, depending on the meter size, regardless of consumption. An increasing block rate structure imposes a unit charge for water use which increases as the volume of water consumed increases.

### Reclamation Opportunities

The City evaluated reclamation opportunities as part of the 2011 Sewer Comprehensive Plan. This effort determined that reclaimed water could potentially be used in the City for industrial cooling water, irrigation/landscaping use, fire protection, ground water recharge, and other possibilities. However, it was determined that the cost of producing reclaimed water would be over three times the cost of potable water, so production and use of reclaimed water was determined to be economically unfeasible.

### Selected Measures

The City has chosen to implement seven different WUE measures in addition to those that are mandatory or required to be evaluated. Because several of these WUE measures affect multiple customer classes (detailed below), the City's WUE program counts as 14 WUE measures, which is greater than the requirement of nine WUE measures based on the number of service connections.

### Water Bill Showing Consumption History

The City currently shows historical consumption data for the previous 12 billing cycles on customer bills. Since this measure is implemented for three customer classes (single-family, multi-family, and commercial/other), it counts as three WUE measures for the City's program.

### Notifying Customers about Leaks on Their Property

The city has an automated meter infrastructure (AMI) system that gathers meter readings from each meter at least twice daily. When consumption over a 24-hour period is greater than anticipated, the AMI system generates an alarm code that is viewed by the utility billing and meter reader/repair personnel. Follow up is conducted in the field to verify the presence of a leak. If it appears there is a leak on the customer's side of the meter, they are advised of the situation and asked to make repairs. Since the City notifies customers in three customer classes (single-family, multi-family, and commercial/other) of unusual high meter readings, it counts as three WUE measures for the City's program.

### Toilet/Shower/Washer Rebates

The City offers rebates of up to \$50 to single-family customers who install low-flow toilets, low-flow showers, or tumble action washers. Since this measure is implemented for the single-family customer class only, it counts as one WUE measure for the City's program.

### Indoor Retrofit Kits

The City has offered free indoor water conservation kits to residential customers since 2001. The kits may include a low-flow showerhead, a kitchen faucet aerator, two bathroom faucet aerators, a toilet tank water displacement bag, toilet leak detection tablets, a gauge to measure losses from household leaks, and a conservation brochure. Since this measure is implemented for the single-family customer class only, it counts as one WUE measure for the City's program.

### Outdoor Irrigation Kits

The City has offered free outdoor water conservation kits to residential customers since 2001. The kits may include an automatic shut-off watering timer, a hose nozzle, a gauge to measure rainfall and/or sprinkler output, a package of hose washers to reduce leaks, and a conservation brochure. Since this measure is implemented for the single-family customer class only, it counts as one WUE measure for the City's program.

### School-Based Education

The City participates in school-based education programs including classroom presentations, teacher workshops, and classroom educational materials. The classroom presentations are facilitated by trained instructors with curriculum designed for elementary, middle school and high school students. The presentations are marketed to teachers through newsletters and other communications. The teacher workshops assist teachers in educating students about water resource issues including conservation. Teachers participate in activities, experiments, and field trips and can receive continuing education credits or clock hours. The classroom educational materials include a broad collection of items such as books, videos, posters, and other supplies. Since this measure primarily affects residential water users (single-family and multi-family customer classes), it counts as two WUE measures for the City's program.

### Public Outreach

The City engages in general public outreach intended to build and reinforce a water conservation ethic among customers. These outreach efforts include brochures, a summer watering calendar, transit advertising, and other regional efforts. Since this measure affects three customer classes (single-family, multi-family, and commercial/other), it counts as three WUE measures for the City's program.

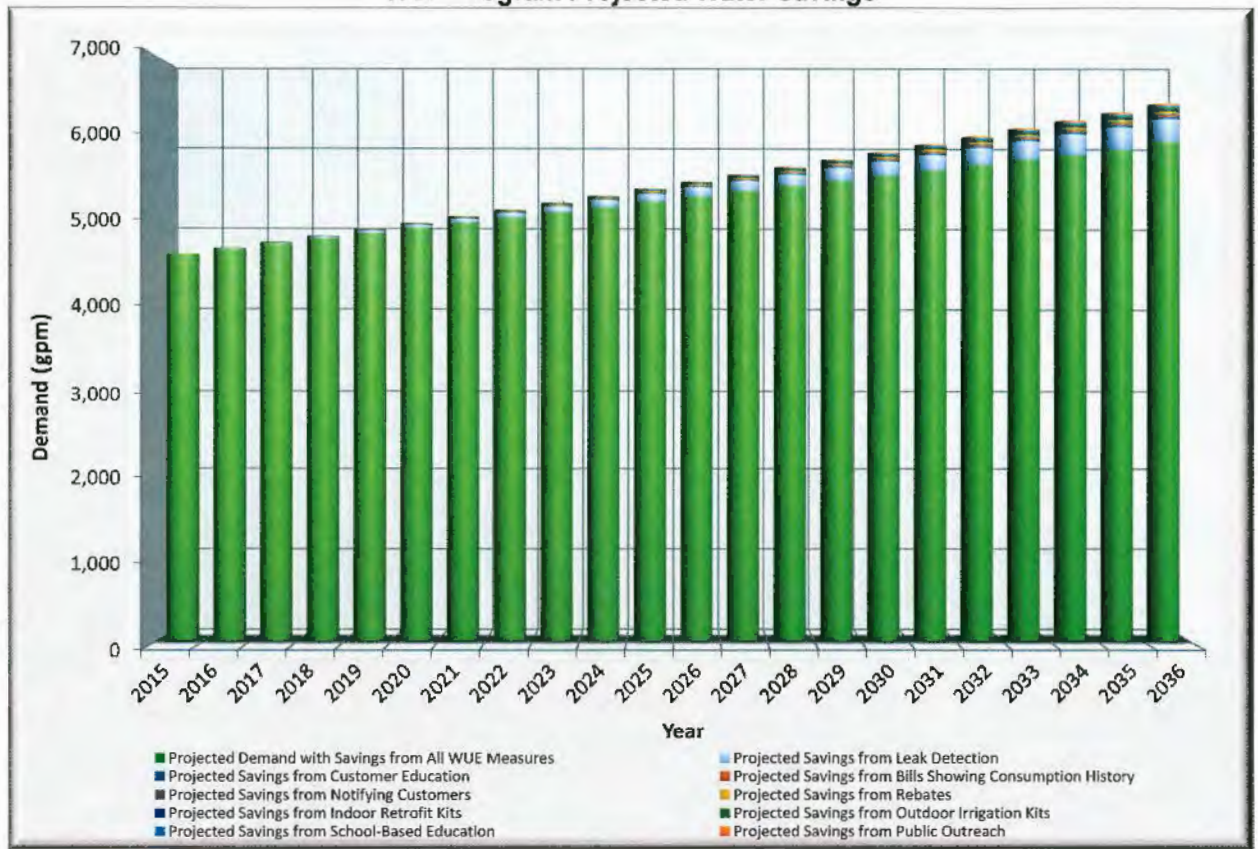
## WATER USE EFFICIENCY PROGRAM SCHEDULE AND BUDGET

The WUE measures described above and selected for implementation by the City are summarized in **Table 3** with their corresponding schedule and budget. Most of the water use efficiency activities are funded by the City's operations and maintenance budget and the City plans to fund water use efficiency activities, such as leak detection, as needed to meet the established goals. The successful implementation of this program is expected to reduce the system-wide average daily demand by 7.1 percent by 2035, and maintain this reduction through 2036, as shown in **Chart 1**.

**Table 3**  
**WUE Program Schedule and Budget**

<b>Water Use Efficiency Measure</b>	<b>Schedule</b>	<b>Budget</b>
<b>Mandatory Measures</b>		
Source Meters	Ongoing	O&M Funded
Service Meters	Ongoing	O&M Funded
Meter Calibration	Ongoing	O&M Funded
Water Loss Control Action Plan/Leak Detection	Ongoing	O&M Funded
Customer Education - Annual Consumer Confidence Report	Ongoing	O&M Funded
<b>Measures That Must be Evaluated</b>		
Rate Structure	In Place	N/A
Reclamation Opportunities	2021/2031	Sewer CIP Funded
<b>Selected Measures</b>		
Water Bill Showing Consumption History	In Place	N/A
Notifying Customers about Leaks	Ongoing	O&M Funded
Toilet/Shower/Washer Rebates	Ongoing	O&M Funded
Indoor Retrofit Kits	Ongoing	O&M Funded
Outdoor Irrigation Kits	Ongoing	O&M Funded
School-Based Education	Ongoing	O&M Funded
Public Outreach	Ongoing	O&M Funded

Chart 1  
WUE Program Projected Water Savings



## WATER USE EFFICIENCY PROGRAM EVALUATION AND REPORTING

The City will continue to evaluate overall demand, per capita and per ERU water use, and the amount of DSL on an annual basis. The City will evaluate the performance of its WUE program and implemented measures by analyzing demand data and determining the long-term trend towards reducing water usage and meeting WUE goals. If the program monitoring shows that progress towards meeting the WUE goals is not being accomplished, more rigorous program implementation or additional program items will be considered, along with a cost-effective evaluation of measures.

The City will continue to provide annual WUE performance reports to its consumers in the CCR, and will detail the results of water use monitoring and progress towards achieving the system’s WUE goals. A copy of the City’s current CCR is included in **Appendix N** of the City’s WSP.

# ES | EXECUTIVE SUMMARY

## PURPOSE OF THE WATER SYSTEM PLAN

The City of Marysville's (City) water system is a major infrastructure, much of which is invisible to the customers that receive its water. The water system requires qualified staff to operate and maintain an ongoing capital improvement program to replace old components to meet the requirements mandated by federal and state laws. The primary purpose of the City of Marysville Water System Plan (WSP) is to identify and schedule water system improvements that correct existing system deficiencies and ensure a safe and reliable supply of water to current and future customers. This WSP complies with Washington State Department of Health (DOH) regulations under Chapter 246-290 Washington Administrative Code (WAC), which requires water purveyors to update their water system plans every 6 years. In anticipation of the proposed changes to the water system planning requirements to extend the planning horizon to 10 years, this WSP was prepared to serve as a 6-year and 10-year document.

The City's previous WSP was prepared in June 2009. This updated 2016 WSP reflects Snohomish County's (County) 2035 population allocation to the City and the City's current Urban Growth Area (UGA), which are consistent with the City and County 2015 *Comprehensive Plan* updates. The WSP also reflects improvements and changes to the water system since the completion of the 2009 WSP.

## SUMMARY OF KEY ELEMENTS

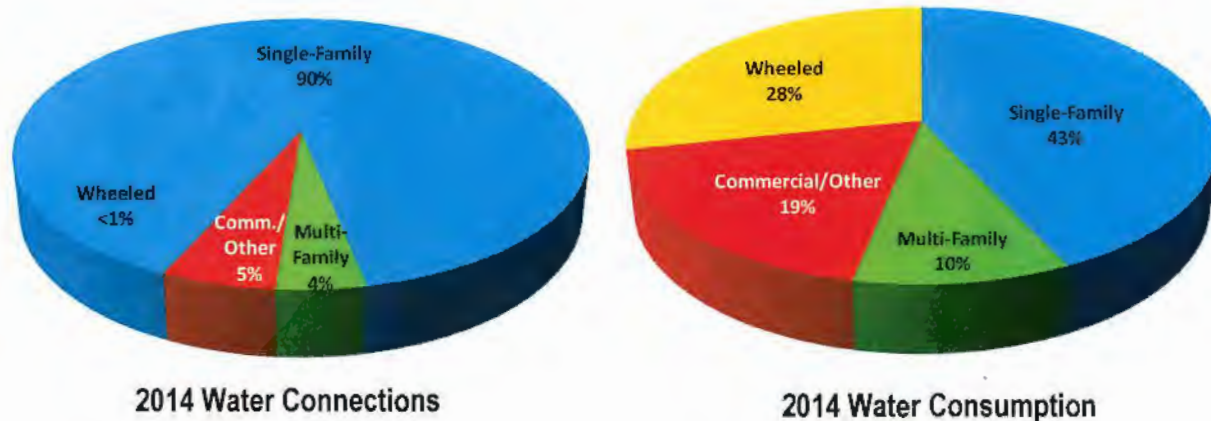
This WSP presents a description of the existing water system and service area, a forecast of future water demands, policies and design criteria for water system operation and improvements, the operations and maintenance program, staffing requirements, a schedule of improvements, and a financial plan to accomplish the improvements. The WSP also includes several ancillary elements that include a water use efficiency plan, a water quality monitoring plan, a wellhead protection plan, a watershed control plan, and a cross-connection control program. A summary of the key issues related to these elements is provided in the following sections.



## WATER SERVICE AREA

The City provides water service to approximately 66,686 people throughout its water service area boundary, which extends beyond the City's corporate limits. The City is responsible for providing public water service, utility management, and water system development within this area. The City will provide new water service within the City limits and where there are existing water mains (i.e., the retail water service area). Requests for new water service outside of the City limits but within the UGA, where there are no existing water mains fronting the property, will only be granted after the area is annexed to the City or upon completion of an annexation agreement.

In 2014, the City provided water service to an average of 20,376 connections, which were mainly comprised of single-family connections. Single-family connections represent approximately 90 percent of all accounts, but the single-family class only consumed 43 percent of all water supplied to the system in 2014. The City's two wheeled connections, the Tulalip Tribes and the Snohomish County PUD, accounted for 28 percent of consumption.



## EXISTING WATER SYSTEM

The City's water system was initially established in the 1930s. Edward Springs was the first source for the system. The Edward Springs water right was originally limited to 0.5 million gallons per day (MGD), but has been increased to 3.2 MGD. The Sunnyside Wells began supplying the system in the 1950s and 1960s. The Lake Goodwin Well was constructed and began supplying the system in 1970, and the Stillaguamish River Ranney Well was constructed and began supplying the system in 1978. The Highway 9 Well was constructed and entered service in 1981, but is currently offline due to water quality concerns. The Stillaguamish River Ranney Well and the Edward Springs source were designated groundwater under the influence of surface water (GWI) sources in 2000. In response, the Edward Springs treatment plant was constructed in 2004 and the Stillaguamish River Water Treatment Plant (WTP) was constructed in 2006. A new treatment facility for the Sunnyside Wells is currently under construction and is anticipated to be online in 2017. A summary of the City's sources is shown in **Table ES-1**.

**Table ES-1  
Supply Facilities Summary**

Well	Pressure Zone	Year Installed	Use	Existing Pumping Capacity (gpm)	Well Depth (feet)	Well Diameter (Inches)	Pump Type	Pump Motor Size (hp)	Water Treatment
Stillaguamish Ranney Well Collector	240 Zone	1978	Active	2,250	n/a	n/a	(2) Submersible	(2) 100	Membrane, Chlorine
Edward Springs Spring Source	240 Zone	1930s	Active	760	n/a	n/a	Centrifugal	(2) 3	Chlorine, UV
Edward Springs Well No. 1R	240 Zone	2008	Active	170	182	12	Submersible	15	Chlorine
Edward Springs Well No. 2	240 Zone	Prior to 1960 <sup>1</sup>	Active	225	150	unknown	Submersible	15	Chlorine
Edward Springs Well No. 3	240 Zone	1987 <sup>1</sup>	Active	300	181	unknown	Submersible	25	Chlorine
Lake Goodwin Well	460 Zone	1970	Active	350	450	unknown	Vertical Turbine	50	Chlorine
Highway 9 Well	510 Zone	1981	Offline <sup>2</sup>	n/a	270	unknown	n/a	n/a	n/a
Sunnyside Well No. 1R	360 Zone	2009	Offline <sup>2</sup>	n/a	276	16	n/a	n/a	n/a
Sunnyside Well No. 2	360 Zone	1965	Offline <sup>2</sup>	n/a	328	16	Vertical Turbine	100	n/a

<sup>1</sup> = Rehabilitated in 2004.  
<sup>2</sup> = Currently offline for water quality purposes.

The City's water system has nine storage facilities that provide storage directly to the 510 Zone, 460 Zone, 360 Zone, 327 Zone, 240 Zone, 170 Zone, and Stillaguamish Zone. Details of the City's storage facilities are shown in **Table ES-2**.

**Table ES-2  
Storage Facilities Summary**

Reservoir	Approximate Location	Pressure Zone	Year Constructed	Material	Capacity (MG)	Diameter (feet)	Base Elev. (feet)	Overflow Elev. (feet)
Edward Springs Reservoir	614 Lakewood Rd	240 Zone	1975	PVC-lined embankment	6.0	Irregular	223	239.4
Stillaguamish River WTP Clearwell	17906 43rd Ave NE	Stillaguamish	2006	Steel	0.2	39.0	130	152.5
Wade Road Reservoir	7011 Wade Rd	240 Zone	2007	Steel	3.0	120.6	204	239.4
327 Zone Reservoir	614 Lakewood Rd	327 Zone	2008	Welded Steel	0.7	66.0	296	329
Getchell Reservoir	8210 98th Place NE	360 Zone	1995	Pre-stressed Concrete	6.0	182.0	328	360
Cedarcrest Reservoir	7300 71st Ave NE	170 Zone	1987	Pre-stressed Concrete	3.5	150.0	146.2	170.5
Highway 9 Reservoir	8812 64th St NE	510 Zone	1998	Steel	1.8	77.0	457.5	510
Sunnyside Reservoir	4021 71st Ave NE	360 Zone	2008	Welded Steel	3.0	89.0	296	360
Lake Goodwin Standpipe	3914 176th St NW	460 Zone	unknown	Corrugated Metal Pipe	0.003	4.0	427	459

The City's water system has three booster pump station facilities that provide supply to the 240, 460, and 510 Zones, respectively, as shown in Table ES-3.

**Table ES-3**  
**Booster Pump Station Facilities Summary**

Pump Station	Suction Pressure Zone	Discharge Pressure Zone	Year Constructed	Existing Pumping Capacity	Number of Pumps	Pump Type	Pump Motor Size (hp)
Edward Springs BPS	240 Zone	460 Zone	2001	3,500	2	Vertical Turbine	2 (75)
Cedarcrest BPS	170 Zone	510 Zone	1987	2,400	3	Submersible	3 (150)
Stillaguamish WTP BPS	Stillaguamish	240 Zone	2006	2,200	3	Centrifugal	3 (50)

The City's water system contains more than 297 miles of water main ranging in size from 2 inches to 24 inches. As shown in Table ES-4, most of the water main (approximately 73 percent) within the system is 8 inches in diameter or less. The remaining 27 percent of the water main is 10 inches in diameter or larger.

**Table ES-4**  
**Water Main Diameter Inventory**

Diameter (Inches)	Length (Feet)	% of Total
4 or smaller	69,128	4.4%
6	423,314	26.9%
8	659,505	42.0%
10	62,073	4.0%
12	259,115	16.5%
14	15,344	1.0%
16	29,834	1.9%
18	42,740	2.7%
20	11	0.0%
24	10,269	0.7%
<b>Totals</b>	<b>1,571,333</b>	<b>100%</b>

## PAST WATER USAGE

In general, the amount of water consumed by the City's customers and other authorized uses remained relatively steady from 2007 until approximately 2014. This was most likely the result of water use efficiency practices, including new buildings with low flow plumbing fixtures, and the repair of water system leaks.

Typically, the average day demand (ADD) for each year would be calculated from the City's annual supply totals. However, the City's metered customer demands are higher than the City's supply totals. As a result, the ADD is calculated as the total annual customer demands plus any other known authorized consumption in terms of gallons per minute (gpm). Table ES-5 lists the annual consumption totals and the average day demand.

**Table ES-5**  
**Historical Water Supply and System Demand**

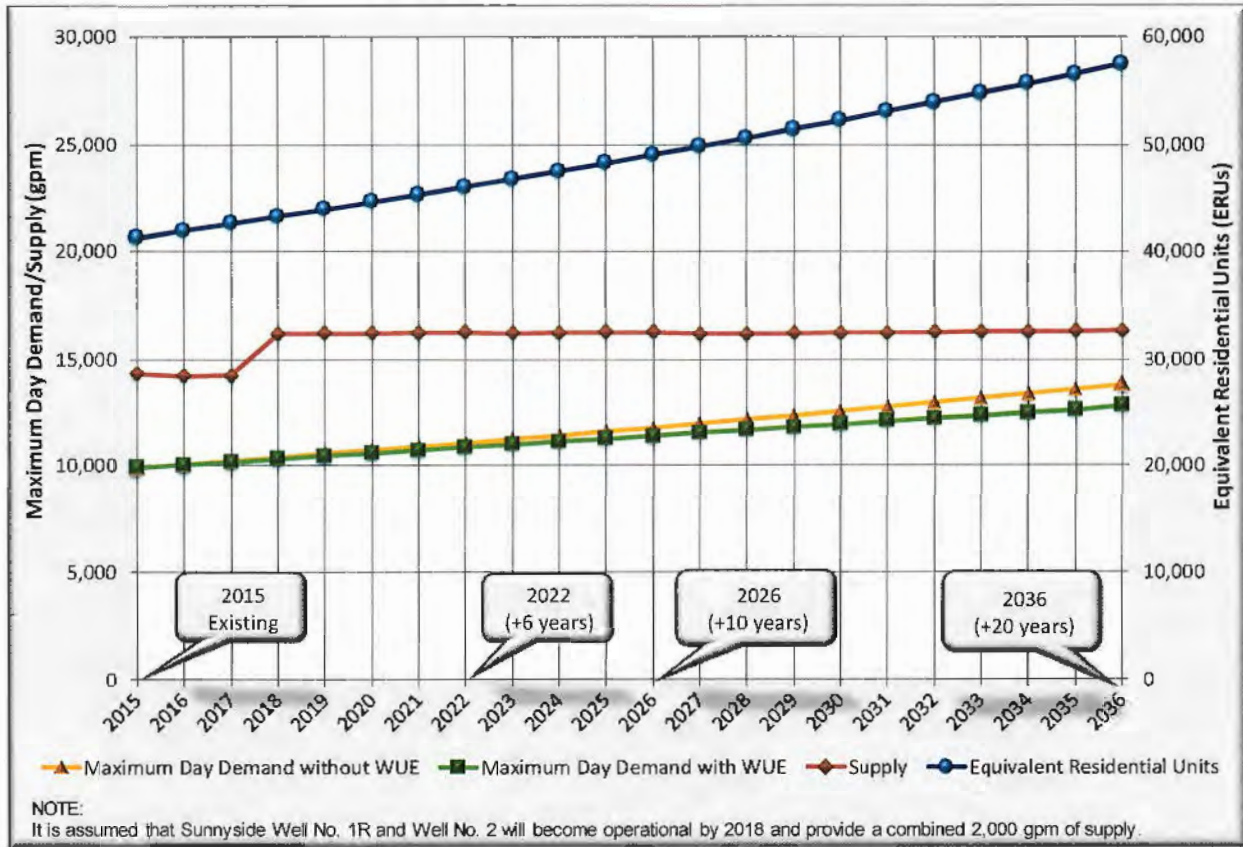
Year	Annual Consumption (gallons) <sup>1</sup>	Average Day Demand (gpm) <sup>1</sup>
2007	2,294,160,000	4,365
2008	2,459,716,000	4,667
2009	2,275,584,000	4,329
2010	2,283,860,000	4,345
2011	2,333,554,384	4,440
2012	2,349,325,256	4,458
2013	2,451,092,426	4,663
2014	2,462,419,872	4,685

NOTES:  
1. Annual Consumption and ADD include authorized non-revenue water consumption.

## FUTURE WATER DEMANDS AND WATER SUPPLY

Overall water demand within the City's system is expected to increase by approximately 140 percent of 2014 demand by the end of the 20-year planning period. With the Sunnyside Wells online, the City will have sufficient water supply from its supply sources to meet the demand requirements of the system until at least 2036, as shown in Chart ES-1.

**Chart ES-1  
Future Water Demands and Water Supply**



## WATER SOURCE AND QUALITY

The City’s municipal water supply is provided by surface water diverted from Edward Springs and groundwater pumped from the Edward Springs Wells, the Stillaguamish River, the Sunnyside Well site, and the Lake Goodwin Well. Water is also delivered from the City of Everett through the Joint Operating Agreement (JOA) supply line. The Highway 9 Well is not currently online.

Water from the Stillaguamish River is treated by membrane filtration and chlorine at the Stillaguamish River WTP. The Edward Springs sources are all treated with chlorine and the surface water is additionally treated with ultraviolet disinfection. The Lake Goodwin Well is treated with chlorine. When the Sunnyside Well Water Treatment Facility is brought online in 2017, it will provide on-site sodium hypochlorite generation and an oxidation/filtration treatment process to remove iron and manganese from Sunnyside Well Nos. 1R and 2.

Groundwater is often fluoridated to assist in the prevention of tooth decay. Water received from Everett is fluoridated while the City’s other sources are not; therefore, customers may receive water that is fluoridated, non-fluoridated, or only partially fluoridated depending on water system operating conditions.

## OPERATIONS AND MAINTENANCE

The City's operations and maintenance organization is staffed by well qualified, technically trained personnel. City staff regularly participate in safety and training programs to keep abreast of the latest changes in the water industry and ensure a smooth and safe operation of the water system. The current staff of supervisory personnel and field crew, in which many are responsible for the water system and other utilities, have effectively operated and maintained the water system in the past. However, to optimize the preventative maintenance program and operations of the water system, additional personnel are recommended. As the water system expands in the future and continues to age, additional staff will also be required. The City plans to add staff to meet the increased requirements from system expansion as the budget allows.

The City has taken several steps to prepare for emergency situations. Vulnerability Assessment and Emergency Response Plans have been prepared that conform to the requirements of the Bioterrorism Act of 2002. The documents contain a vulnerability assessment of the City's water system facilities, a contingency operation plan for responding to emergency events, a list of water personnel responsible for making decisions in emergency situations, and other elements.

## WATER SYSTEM EVALUATION

The existing water system was evaluated to determine its ability to meet the policies and design criteria of the City and those mandated by DOH. The results of the evaluation are summarized below.

- The City has sufficient water supply to meet the demands of existing and future customers until at least 2036 once the Sunnyside Well Water Treatment Facility is online in 2017.
- Additional storage will be required in Operating Area D to resolve current storage deficiencies and provide sufficient capacity for future customers.
- A new 560 Zone supplied by a booster pump station needs to be constructed to provide suitable pressures to the City's highest elevation customers.
- Booster pump stations need to be constructed to convey water from the Sunnyside Wells to higher pressure zones, and to provide for expansion and redundant supply to the higher pressure zones.
- The Lake Goodwin standpipe needs to be replaced.
- Manganese treatment likely will need to be implemented at the Lake Goodwin Well. Improvements to the well are also needed to enable the water right capacity to be withdrawn without clogging the well screen.
- Arsenic treatment likely will need to be implemented at Edward Springs. Improvements are also needed for the spring collectors and wells to increase their capacity to the water right amount.
- The Highway 9 Well needs to be evaluated and improved if feasible.
- Cathodic protection needs to be installed on the City's steel reservoirs.
- A new pressure reducing valve (PRV) needs to be constructed between the 327 and 240 Zones to allow water produced at Lake Goodwin to reach the system's lower pressure zones.

- Several pressure zone improvements, consisting of new water main, PRVs, and valve configuration changes, need to be implemented to address high and low pressures.
- Several areas of the system require water main replacements to resolve deficiencies related to low fire flows, aging water main, and undesirable materials.

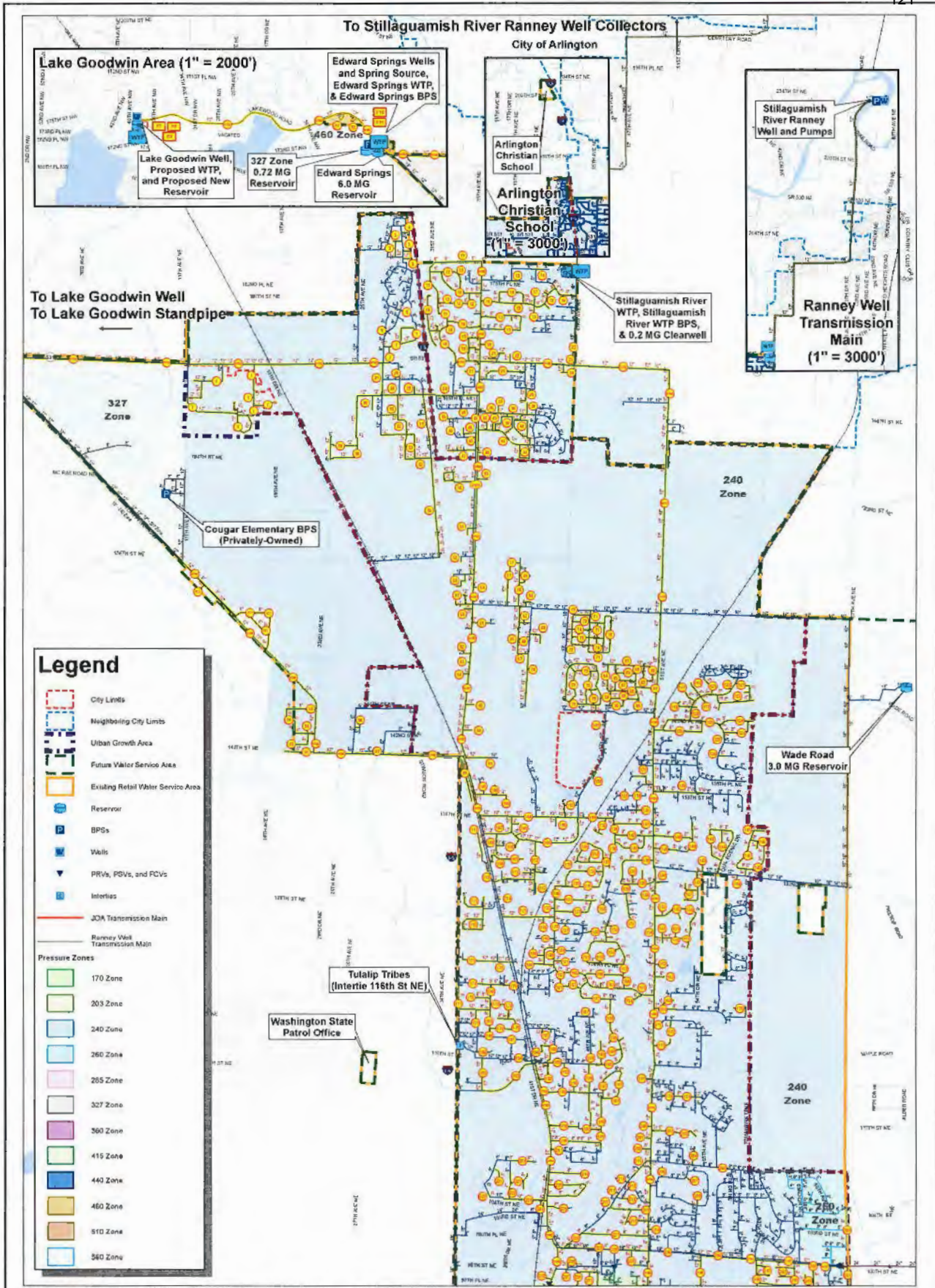
## PROPOSED WATER SYSTEM IMPROVEMENTS AND FINANCING PLAN

Improvements to the water system are necessary, primarily to resolve existing system deficiencies, but also to accommodate the increase in water demands from future growth. Improvements identified for the first 5 years of the capital improvement program (2017 through 2021) are estimated to cost approximately \$29,884,000, which results in an average expenditure of approximately \$5,977,000 per year. Improvements in the following 5 years (2022 through 2026) are estimated to cost approximately \$28,830,000, or approximately \$5,766,000 per year. Improvements for 2027 through 2036 are estimated to cost approximately \$42,057,000, or approximately \$4,205,700 per year. The financial analysis is intended to illustrate the feasibility of funding the operation and maintenance and capital improvements recommended for the water system in the next 6 years.

Table 9-6  
Proposed Improvements Implementation Schedule

No.	Description	Estimated Cost (2016 \$)	20-Year Schedule of Improvements												
			2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027-2038	2037+	
<b>Water Main Improvements</b>															
WM1	Annual Water Main Replacement Program	\$179,249,000	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$1,65K	\$179,949K
WM2	Replace CI Water Main in SR 631 with DI	\$9,570,000			\$957K	\$1,723K	\$957K	\$2,060K	\$3,350K						
WM3	Replace CI and AC Water Main in Smokestack PI Blvd with DI	\$9,490,000		\$759K											
WM4	Replace CI WM in 51st Ave NE, Amar Rd, and Liberty St with DI	\$12,330,000													
WM5	Replace CI WM in Grove St with DI	\$5,110,000													
WM6	Replace AC WM in Fony Fvia Rd, 23rd Ave NE, and 140th St NE	\$5,130,000													
WM7	Replace CI WM in 100th St NE	\$1,220,000													
WM8	Replace CI WM in 550 Ave NE	\$1,390,000													
WM9	Replace CI WM in 71st Ave NE	\$2,660,000													
WM10	Replace CI WM in Marine Dr NE and Quil Cadek Creek Casino Area	\$2,660,000													
WM11	Replace CI WM in 61st St NE and Sunnyside Blvd	\$1,700,000													
WM12	Replace CI WM in 67th Ave NE, 62nd St NE, and between 62nd St NE and Sunnyside Reservoir	\$2,820,000													
WM13	Loop Water Main to improve FF in Oldcrest Golf Course	\$240,000				\$240K									
WM14	Loop Water Main to improve FF in Glenwood Mobile Estates	\$440,000				\$440K									
WM15	Connect Water Main in Smokestack PI Blvd to improve FF	\$30,000				\$30K									
WM16	Loop Water Main to improve FF in 46th Dr NE/Liberty St Area	\$160,000				\$160K									
<b>Pressure Zone Improvements</b>															
PZ1	North 240 Zone Conversion to 327 Zone	\$1,410,000	\$470K	\$940K											
PZ2	Convert to 350 Zone from 510 Zone	\$10,000	\$10K												
PZ3	Convert to 350 Zone from 440 Zone	\$10,000	\$10K												
PZ4	Convert to 360 Zone from 240 Zone	\$310,000													
PZ5	Convert to 360 Zone from 510 Zone	\$10,000													
PZ6	Convert to 285 Zone from 415 Zone	\$150,000													
PZ7	Convert to 360 Zone from 415 Zone	\$980,000													
PZ8	Convert to 350 Zone from 510 Zone	\$1,710,000													
PZ9	Convert to 510 Zone from 300 Zone	\$10,000	\$10K												
PZ10	Convert to 510 Zone from 300 Zone	\$120,000													
PZ11	Convert to 350 Zone from 415 Zone	\$10,000													
<b>Facility Improvements</b>															
F1	560 Zone BPS and Pressure Zone Conversion - Phases 1 and 2	\$3,900,000	\$1,000K												
F2	Future Water Service Area Planning	\$100,000	\$100K												
F3	Future Water Service Area 510 Zone Reservoir	\$2,800,000													
F4	Super Hill 415 Zone Reservoir and Water Main	\$3,300,000													
F5	Future Water Service Area 510 Zone BPS	\$3,200,000													
F6	Sunnyside 510 Zone BPS and Water Main	\$4,100,000													
F7	Replace Lake Goodwin Slenderpile	\$960,000	\$320K	\$640K											
F8	Pilot Study/Redesign for Manganese Treatment Plant at Lake Goodwin Well	\$150,000													
F9	Construction of Manganese Treatment Plant at Lake Goodwin Well	\$2,400,000													
F10	Pilot Study/Redesign for Arsenic Treatment Plant and Capacity Improvements at Edward Springs	\$300,000													
F11	Construction of Arsenic Treatment Plant and Capacity Improvements at Edward Springs	\$11,500,000													
F12	Reservoir Cathodic Protection	\$250,000	\$250K												
F13	Highway 9 Well Evaluation Study	\$200,000	\$200K												
F14	Highway 9 Well Improvements	\$4,900,000													
F15	327 Zone to 240 Zone PRV	\$140,000	\$140K												
<b>Miscellaneous Improvements</b>															
M1	Fire Hydrant Replacement Program	\$1,500,000	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$75K	\$750K
M2	Water System Plan Update	\$500,000													\$500K
<b>Total Estimated Costs of City Funded Impr.</b>		\$277,959,000	\$6,868K	\$8,986K	\$3,759K	\$5,885K	\$5,759K	\$5,953K	\$5,790K	\$5,729K	\$5,709K	\$5,817K	\$42,057K	\$176,498K	





\\rh2\dfs\Bothell\Date\MAR1114-08\GIS\Maps\Figure 9-1a CIP.mxd By: gdevidson Plot Date: 10/18/2016 Coordinate System: NAD 1983 StatePlane Washington North FIPS 4601 Feet

**NORTH**

1 inch = 1,200 feet

0 600 1,200 2,400 Feet

DRAWING IS FULL SCALE WHEN BAR MEASURES 2"



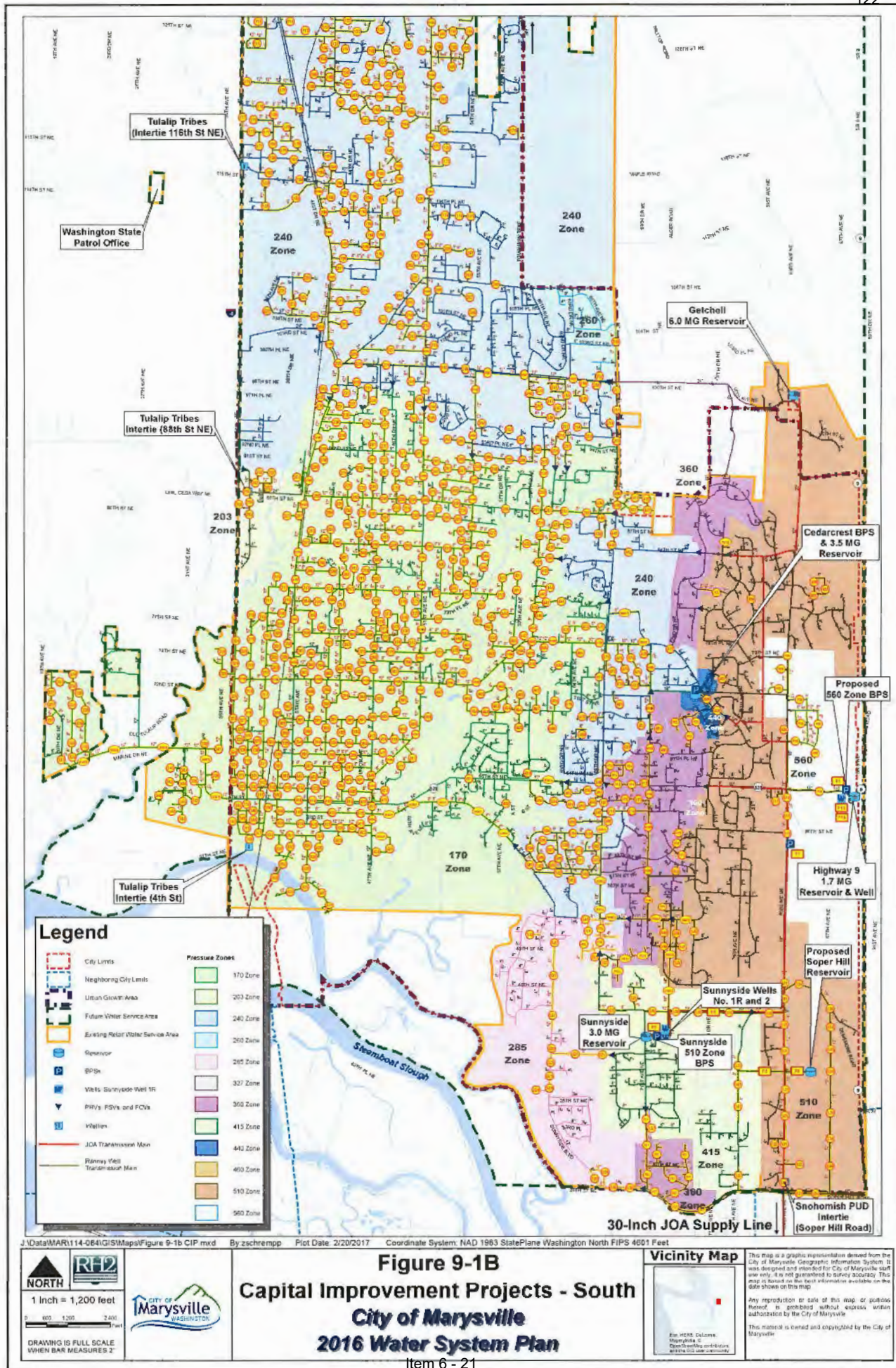
**Figure 9-1A**  
**Capital Improvement Projects - North**  
**City of Marysville**  
**2016 Water System Plan**

**Vicinity Map**

This map is a graphic representation derived from the City of Marysville Geographic Information System. It was designed and intended for City of Marysville use only. It is not guaranteed to survey accuracy. This map is based on the best information available on the date shown on this map.

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# PLANNING COMMISSION



# MINUTES

January 10, 2017

7:00 p.m.

City Hall

## CALL TO ORDER

Chair Leifer called the January 10, 2017 meeting to order at 7:00 p.m.

### Marysville

**Chairman:** Steve Leifer

**Commissioners:** Roger Hoen, Jerry Andes, Kay Smith, Kelly Richards, Brandon Whitaker

**Absent:** Commissioner Tom Thetford (excused)

**Staff:** Community Development Director Dave Koenig, Senior Planner Angela Gemmer, Senior Planner Cheryl Dungan, Project Engineer Ryan Morrison, Surface Water Specialist Mathew Eyer

## APPROVAL OF MINUTES

### December 13, 2016

Commissioner Richards noted he would be abstaining from the vote as he was not present at the December 13 meeting.

**Motion** made by Commissioner Hoen, seconded by Commissioner Andes, to approve the December 13, 2016 Meeting Minutes. **Motion** passed (5-0) with Commissioner Richards abstaining.

## AUDIENCE PARTICIPATION

Evan Kaiser, 2910 73<sup>rd</sup> Avenue NE, Marysville, WA, commented that when information is submitted to the Planning Commission all the pertinent documents should be submitted. He suggested that the Planning Commission conduct research on what other cities are doing when working on their codes. He asked if he could send emails to the

Planning Commission through Janis at the Planning Department and expect a reply in a reasonable time period. Chair Leifer replied that would be appropriate.

## **PUBLIC HEARING**

### **A. City of Marysville – Water System Plan**

Project Engineer Ryan Morrison made a PowerPoint presentation reviewing the Water System Plan Update.

Chair Leifer asked about adequate pressures for fire suppression equipment in the area north of 116<sup>th</sup> up to 152<sup>nd</sup> as referred to in his discussions with the fire marshal. His understanding is that there is a still an issue with adequate pressure and fire flow. Project Engineer Morrison said he wasn't aware of any broad low pressure issues or fire flow issues in that area. Chair Leifer commented he heard there is a marginal amount of flow available. Project Engineer Morrison reviewed fire flow requirements and data and explained that the consultant highlighted deficiencies as part of the Water Plan but that area was not highlighted. Chair Leifer asked about the commercial industrial area. Project Engineer Morrison reviewed the commercial fire flow requirements. Chair Leifer summarized that the maximum they can get out of these is 2000 gpm, but the requirement is 2500 gpm. Project Engineer Morrison explained that that the maximum is calculated per port, but it is expected that there will be multiple hydrants which makes it workable.

Commissioner Hoen expressed concern about involvement of water drawing agencies in the water system plan update. Project Engineer Morrison replied that all the surrounding jurisdictions as well as the Department of Health have copies of this Plan and are invited to review and comment. This is the same for other jurisdictions. They are also in communication with the Fire Department about the fire flow.

Commissioner Hoen asked about the status of the water lines in the City. Project Engineer Morrison replied that most of the water main is ductile iron, but some of it is asbestos cement or cast iron. Asbestos cement is the oldest portion. This is on a schedule for maintenance as part of the renewals and replacement. They are replaced depending on prioritization and budgeting. Commissioner Hoen asked if available water for the system was predicted to be adequate through 2036. Project Engineer Morrison affirmed that it is.

Commissioner Richards asked if the Sunnyside Well will relieve the city of the need for Everett water. Project Engineer Morrison replied that it will not, and the City will want to keep that intertie in place. Commissioner Richards suggested talking to Everett about stopping adding fluoride to the water.

The public hearing was opened at 7:20 for public testimony. Hearing no comments, the hearing was closed at 7:20 p.m.

Commissioner Hoen noted that there are several areas that are expanding in Lakewood. He asked if staff believes there is adequate water planned to get water to the new facilities. Project Engineer Morrison affirmed that there is.

**Motion** made by Commissioner Richards, seconded by Commissioner Smith, to forward this item to Council with a recommendation for approval. **Motion** passed unanimously (6-0).

B. City of Marysville – Surface Water Comprehensive Plan

Surface Water Specialist Matthew Eyer made a presentation reviewing the Surface Water Comprehensive Plan Update. He explained that there are 25 projects identified as needed in the future. Five major projects have been identified for the next six years: Historic Downtown Green Retrofit Study, Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue, Water Quality Treatment Facility at Downtown Marina Outfall, Conveyance for Regional Pond 2, and Edgecomb Creek Regional Detention Facility. The simplified financial review showed that the 2% annual rate increase will cover the operating increase, but not the capital projects.

Commissioner Hoen asked if the impact fees are adequate. Senior Planner Gemmer stated that impact fees are not expected to cover all expenses. Other funding mechanisms help finance projects.

Chair Leifer asked about the area near 152<sup>nd</sup> near the Edgecomb detention pond. He asked if the total anticipated volume has taken into account the requirements for Low Impact Development and that a portion of the water will be going into the ground. Surface Water Specialist Matthew Eyer stated that would be taken into consideration going forward with any new pond. Staff hasn't looked into how a new pond would look under the new manual. As it currently stands, the pond is designed to take all the water from all the sites.

Chair Leifer asked about money for realignment of Edgecomb Creek. He asked if a route has been established. Surface Water Specialist Matthew Eyer clarified it was Hayho Creek which is the barrier, not Edgecomb. Edgecomb Creek has some theoretical language in the Comprehensive Plan about the potential realignment. Senior Planner Dungan explained that Otak developed a plan on possibilities for that. She explained that during the recession a lot of the properties went back to the banks. The City backed away from this due to lack of interest from the property owners and is no longer pursuing it at this time.

The public hearing was opened at 7:41 for public testimony. Hearing no comments, the hearing was closed at 7:41 p.m.

**Motion** made by Commissioner Andes, seconded by Commissioner Richards, to forward this item to Council with a recommendation for approval. **Motion** passed unanimously (6-0).

## **NEW BUSINESS**

### **A. Code Amendment – Flagpoles**

Senior Planner Gemmer reviewed the proposed amendments to how the City deals with flags and flagpoles. She reviewed background on this item and explained that the majority of Washington jurisdictions researched are silent on flagpole regulations with the exception of Spokane. Staff is proposing regulations adapted from Spokane's. She reviewed three different options for flagpole definitions. She also reviewed other proposed changes.

There were clarification questions regarding the language under 22C.010.220 Height-Exceptions to limits (3). Staff noted they would review the language for clarifications.

Commissioner Richards asked how tall a flagpole could be on top of his house. Director Koenig replied they would look into that, but currently it would be as high as the zone allows.

Commissioner Andes referred to the proposed language for setbacks and suggested they just keep it the same as the property setbacks. Senior Planner Gemmer indicated they could, but noted that some setbacks are much bigger, up to 20 feet. Commissioner Andes recommended keeping it the same as building setbacks to keep it simple.

Commissioner Hoen asked about vertical sail-type flags that he has seen around which are used for advertising. Senior Planner Gemmer replied that those are generally prohibited in the code and present an ongoing code enforcement issue. They are considered signs, not flags.

Chair Lelfer referred to item 11 under 22C.160.180 Exemptions in the Sign Code and stated he would like to see preference given to the United States flag by giving it an additional height allowance above and beyond all others. Director Koenig commented that the intent is not to get into regulating college flags, 12<sup>th</sup> man flags, etc. The etiquette of flags requires that the US flag is to be flown on top above all others. Language relating to this can be added.

Commissioner Richards agreed with the standard regarding the US flag, but noted that people will use this as a statement. Senior Planner Gemmer suggested getting legal guidance on whether or not this is something that can be regulated.

### **B. 2017-2022 -- Draft Capital Facilities Plan**

Senior Planner Dungan introduced the Capital Facilities Plan for 2017-2022 as contained in the Planning Commission packet.

Commissioner Whitaker asked how the projects are prioritized. Senior Planner Dungan stated that there is a rating system within the City's database to help determine this. The plan is changed every two years in response to changes in these priorities.

Commissioner Whitaker asked what is behind the justification for moving forward with the project. Senior Planner Dungan replied that they are policies and goals that are outlined in the Comprehensive Plan and through the Growth Management Act. Commissioner Whitaker asked how estimates are made for construction of projects that are out in the future. Senior Planner Dungan replied that they are based on best case estimates.

Commissioner Richards noted that some of these are budgeted for, but some are not. Senior Planner Dungan explained that they will be depending on grant funding for a lot of things.

Commissioner Hoen noted that sidewalks continue to be discussed as something that is lacking in the City. He asked if there is part of a plan that says we are going to do a certain amount of sidewalks. Senior Planner Dungan replied that there is an allowance for sidewalks in the maintenance code. In the zoning code under residential density incentives there are additional bonus credits given to developers if they do off-site sidewalk improvements. Senior Planner Gemmer commented that with any new projects there is an expectation that frontage improvements will be done. Moving forward the situation should be improving. Also, in the existing Transportation Plan which was adopted in 2015 there is prioritization of where the City wants sidewalks constructed.

Chair Leifer referred to the potential options for improvements around Geddes Marina and asked if the third one assumes that the previous ones were completed. Senior Planner Dungan explained that there are steps that need to be completed. Cleanup of the site is the first step. The park will likely be constructed in phases as funding allows. Director Koenig explained that this reflects the Council's direction relating to the budget. Senior Planner Dungan commented that the Capital Facilities Plan as presented was adjusted to address Council's wishes related to budget discussions.

Chair Leifer commented that it appears that the improvements to Public Works would allow the existing building to be utilized by other uses, and a new facility for Public Works would be constructed. Director Koenig didn't think there was a new facility or expansion planned for Public Works. Senior Planner Dungan commented that Sanitation is relocating some of their trucks onto the old mill site that is adjacent.

Chair Leifer asked if Public Safety is the planned site for the new facility. Director Koenig commented that they don't have a site yet for the new facility, but there are also some fire uses there. He noted that this project is complicated by the Regional Fire Authority issue right now.

Commissioner Andes asked if water and road improvements would be done at the same. Senior Planner Dungan replied that typically they would be, but noted that someone from Public Works will be present at the hearing to answer questions.

**Motion** made by Commissioner Richards, seconded by Commissioner Andes, to schedule this for a public hearing. **Motion** passed unanimously (6-0).

## CITY COUNCIL AGENDA ITEMS AND MINUTES

### ADJOURNMENT

**Motion** made by Commissioner Smith, seconded by Commissioner Richards, to adjourn the meeting at 8:28 p.m. **Motion** passed unanimously (6-0).

### NEXT MEETING:

January 24, 2017

  
\_\_\_\_\_  
Angela Gemmer, Senior Planner, for  
Laurie Hugdahl, Recording Secretary



# PLANNING COMMISSION



# MINUTES

**November 9, 2016**

**7:00 p.m.**

**City Hall**

## **CALL TO ORDER**

Chair Leifer called the November 9, 2016 meeting to order at 7:00 p.m. noting the absence of Kelly Richards.

### **Roll Call**

**Chairman:** Steve Leifer

**Commissioners:** Roger Hoen, Kay Smith, Brandon Whitaker, Jerry Andes, Tom Thetford, Kelly Richards

**Staff:** Community Development Director Dave Koenig, Senior Planner Angela Gemmer, City Engineer Jeff Laycock, Project Engineer Ryan Morrison, Water Resources Manager Kari Chennault, Surface Water Specialist Matthew Eyer

**Absent:**

## **APPROVAL OF MINUTES**

October 25, 2016

Chair Leifer requested that two corrections be made to the minutes to clarify the intent of the statements made.

**Motion** made by Commissioner Smith, seconded by Commissioner Richards, to approve the October 25 Meeting Minutes as corrected.

Commissioner Richards arrived at 7:05.

**Motion** passed unanimously (7-0), to approve the minutes as corrected.

## **AUDIENCE PARTICIPATION**

None

## **PUBLIC HEARING**

### School District's 2016-2021 Capital Facilities Plan

Chair Leifer opened the hearing at 7:06 p.m. Ms. Gemmer explained what the requirements were for school impact fees to be collected by school districts. The districts had submitted CFP's that met all the required criteria. She then described the criteria that had to be met, and stated that all required elements for approval had been addressed. Lake Stevens School District was utilizing a local discount in their plan this year to determine fees due to a large increase in the school impact fee. The large increase is based on the need to construct new elementary school and new classrooms to the existing high school. In order to mitigate the impacts of a large increase in fees, a local discount was being proposed to balance the needs of the school district with the impacts to future residents and developers

Ms. Gemmer overviewed each of the districts' proposed impact fee changes. Staff is requesting Planning Commission make a recommendation to City Council to approve the plans as presented.

Chair Leifer stated that all of his curiosities had been satisfied at the previous meetings when each district presented their individual plans.

Commissioner Hoen questioned why Lake Stevens was in the Marysville Plan. Ms. Gemmer explained the reason for this; being the boundaries don't always neatly coincide with City limit boundaries. Director Koenig added that school district boundaries are separate from City boundaries, and that as the City has grown, it has grown into other school district boundaries.

Public Comment – None

**Motion** made by Commissioner Richards, seconded by Commissioner Smith, to forward this to the City Council with a recommendation for approval. **Motion** passed unanimously (7-0).

The public hearing was closed at 7:15 p.m.

## **NEW BUSINESS**

### Water Comprehensive Plan

Mr. Morrison began an explanation of the Comp Plan and described the update process for the plan. Mr. Morrison gave a presentation of the current water service provided by the City, including the current water service area and types of connections, as well as consumption history and demand and projected consumption for the future. He then

described the proposed improvements to the water system that would be required in the future and the costs associated with those improvements. Mr. Morrison explained that the plan focused on the use of City sources in order to limit the reliance on the Everett system, which comes at a much higher cost.

Chair Leifer questioned a recent Tribe funded water main and how the diversion to the Tribes would be reduced. Morrison and Laycock commented that once that line went active, it would likely reduce the City's contribution. Chair Leifer also asked if the water system contributed to the general fund or if rates were just enough to cover costs. Mr. Morrison and Laycock explained that the capital fees funded the infrastructure and that the rates covered the needs of the system.

Commissioner Richards questioned what the Arlington Christian School box on the map meant. Mr. Morrison explained that they receive water from Marysville. He also questioned whether fluoride in City water was necessary. Mr. Morrison commented that Marysville does not fluoridate its water, though the Everett water supply does. Ms. Chennault added that there is not a hard boundary between water systems, so it is difficult to tell the percentage of fluoride. Generally, the further north you are in the City, the less fluoride in the water.

Mr. Laycock discussed the work being done to ensure adequate supply and flow in the 83<sup>rd</sup> and 87<sup>th</sup> Ave. area to accommodate the expected development in that area. There was discussion about any plans to increase pressure north of 100<sup>th</sup> Street. Ms. Chennault noted that the plan had looked for any deficiencies throughout the City and that any areas with psi below 40 had been identified. The area Chair Leifer mentioned was approximately 55 psi, so was not identified as deficient in the plan.

It was noted that there was sufficient water for the anticipated population growth.

#### Stormwater Comprehensive Plan

Mr. Eyer described the current stormwater system. The system is regulated by DOE. He explained that we are in the middle of a permit cycle, so the planned goals are to look at any deficiencies in the system and how to correct them. The entire system underwent analysis and concerns were identified. He overviewed the results of the analysis, including a total of 25 projects identified. A six year plan was developed to address the 25 projects identified as well as the potential funding sources to address the issues identified. Mr. Eyer overviewed each of the projects. He explained the financial review included in the plan.

Commissioner Thetford questioned if the total for the water treatment facility project included the grant funds. Mr. Eyer replied that it did, and if the grant funding were not received, the project would not be feasible without a grant.

Commissioner Whitaker asked if the list of CIP projects submitted with the Municipal Permit annual reports to DOE were included in the Surface Water Plan update. Mr. Eyer responded that the stormwater comp plan was a bit unlike the water and sewer comp

plans in that there is not a RCW requirement or permit requirement to include that and that was why they tried to streamline it and not include anything that was not useful.

Chair Leifer questioned the remaining capacity in the stormwater ponds. Mr. Eyer replied that Pond 1 is at capacity, and Pond 2 had 147 acres of developable land capacity still available. There was discussion on whether pond 1 acreage that had been paid for but that was not currently being used. Ms. Chennault added that the ordinance required a building permit be obtained in order to buy into the pond and that many properties obtained a grading permit, but did not necessarily have civil plans or an actual planned project at this time. Low Impact Design methodologies were discussed including how the expected new requirements to utilize these methodologies would affect someone that had already bought into the pond. Ms. Chennault responded that the ponds themselves are a low impact development feature and that she was hopeful this fact could be utilized to meet some of the requirements.


Chair Leifer commended staff on the work and thoroughness of the presentations.

## **CITY COUNCIL AGENDA ITEMS AND MINUTES**

### **ADJOURNMENT**

**Motion** made by Commissioner Richards, seconded by Commissioner Thefford, to adjourn the meeting at 7:51 p.m. **Motion** passed unanimously.

**NEXT MEETING** – November 22



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Amy Hess, Recording Secretary

CITY CLERK

**Notice of Public Hearing  
Before the Marysville City Council**

Notice is hereby given that the Marysville City Council will hold a Public Hearing at 7:00 p.m., on Monday, June 12, 2017 in the Council Chambers of Marysville City Hall located at 1049 State Avenue, Marysville, Washington. The purpose of this public hearing is to:

**Meet the City's public process requirement to establish Water Use Efficiency goals and to consider an Ordinance of the City of Marysville adopting the 2016 Water System Plan in accordance with WAC 246-290-100.**

Any person may appear at the hearing and be heard in support of or opposition to this proposal. Additional information may be obtained at the Marysville City Clerk's Office, 1049 State Avenue, Marysville, Washington 98270, (360) 363-8000. Comments may also be submitted before June 12, 2017 via email to [cityclerk@marysvillewa.gov](mailto:cityclerk@marysvillewa.gov) or via mail to City of Marysville Public Works, Attn: Brenda Donaldson, 80 Columbia Ave, Marysville, WA 98270.

The Water Use Efficiency Plan and Water System Plan are available for review online at: <http://docs.marysvillewa.gov/htcomnet/Handlers/AnonymousDownload.ashx?folder=2ae9acd5>. A printed copy will be available for review at the Public Works office.

The City of Marysville

\_\_\_\_\_  
April O'Brien  
Deputy City Clerk

Dated: May 26, 2017

Published Marysville Globe: May 27, 2017 and June 3, 2017

Special Accommodations: The City of Marysville strives to provide accessible meetings for people with disabilities. Please contact the City Clerk's Office at (360) 363-8000 or 1-800-833-6384 (voice relay), 1-800-833-6388 (TDD relay) two days prior to the meeting date if any special accommodations are needed for this meeting.

\*\*\*\*\*

**THIS NOTICE IS NOT TO BE REMOVED, MUTILATED OR  
CONCEALED IN ANY WAY BEFORE DATE OF HEARING.**

**CITY OF MARYSVILLE**  
**Marysville, Washington**  
**ORDINANCE NO. \_\_\_\_\_**

**AN ORDINANCE OF THE CITY OF MARYSVILLE, WASHINGTON,  
ADOPTING THE 2016 CITY OF MARYSVILLE WATER SYSTEM PLAN,  
PURSUANT TO WAC 246-290-100.**

WHEREAS, WAC 246-290-100(10) requires water purveyors to update the Water System Plan and obtain approval from the Washington State Department of Health prior to expiration of the existing plan; and

WHEREAS, the City of Marysville's existing Water System Plan was approved by Ordinance No. 2781 on July 27, 2009, and WAC 246-290-100(9) provides that Water System Plans are effective for ten years; and

WHEREAS, the City of Marysville retained RH2 Engineering, Inc. to prepare the 2016 Water System Plan in accordance with WAC 246-290-100 and to submit said plan for review by adjoining purveyors; and

WHEREAS, the 2016 Water System Plan identifies the necessary capital improvements for the City's water system to meet future water demands in the City's Retail Water Service Area for a 20-year horizon commencing in 2017; and

WHEREAS, the City of Marysville submitted the 2016 Water System Plan to the Washington State Department of Health for review and approval as required by WAC 246-290-100; and

WHEREAS, pursuant to WAC 246-290-100(8)(b) the 2016 Water System Plan shall be approved by the Marysville City Council, prior to approval by the Washington State Department of Health; and

WHEREAS, the proposed 2016 Water System Plan is based on and complies with the objectives and requirements of the Washington State Growth Management Act (GMA) RCW 36.70A and the City's Comprehensive Plan; and

WHEREAS, the City has submitted the 2016 Water System Plan to the State of Washington Department of Commerce for 60-day review in accordance with RCW 36.70A.106; and

WHEREAS, following public notice and comment, the City issued Addendum No. 26 to the Final Environmental Impact Statement for the City of Marysville Comprehensive Plan, on December 7, 2016, and Addendum No. 26 addresses the environmental impacts of the 2016 Water Comprehensive Plan; and

WHEREAS, for the purpose of complying with the requirements of WAC 246-290-100 and RCW 36.70A.070, the Marysville Planning Commission held a public workshop on November 9, 2016 and a public hearing on January 10, 2017 to accept public comment and to review the 2016 Water System Plan; and

WHEREAS, on June 12, 2017 the Marysville City Council reviewed the Planning Commission's recommendation relating to the adoption of the 2016 Water System Plan;

NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF MARYSVILLE, WASHINGTON, DO ORDAIN AS FOLLOWS:

Section 1. The document entitled "2016 City of Marysville Water System Plan," attached hereto as Exhibit A, is hereby adopted as the City of Marysville's Water System Plan pursuant to WAC 246-290-100. A copy of said plan shall be made available for inspection and review at the office of the City Clerk and the office of Community Development.

Section 2. Upon adoption, and for both the purpose of WAC 246-290-100 and RCW 36.70A.070, the "2016 City of Marysville Water System Plan" shall replace and supersede all previous Water Comprehensive Plans or Water System Plans adopted by the City of Marysville, which shall no longer be in effect.

Section 3. Severability. If any section, subsection, sentence, clause, phrase, or word of this ordinance should be held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality thereof shall not affect the validity or constitutionality of any other section, subsection, sentence, clause, phrase, or word of this ordinance.

PASSED by the City Council and APPROVED by the Mayor this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

CITY OF MARYSVILLE

By: \_\_\_\_\_  
JON NEHRING, MAYOR

Attest:

By: \_\_\_\_\_  
APRIL O'BRIEN, DEPUTY CITY CLERK

Approved as to form:

By: \_\_\_\_\_  
JON WALKER, CITY ATTORNEY

Date of Publication: \_\_\_\_\_


Effective Date: \_\_\_\_\_  
(5-days after publication)

# *Index #7*



**CITY OF MARYSVILLE AGENDA BILL  
EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
Six-Year Transportation Improvement Plan (TIP) Update	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b> 
Jeff Laycock, City Engineer	
<b>DEPARTMENT:</b>	
Engineering	
<b>ATTACHMENTS:</b>	
2018-2023 TIP 2018-2023 Program Narrative Project Location Map Resolution and Notice of Public Hearing	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
N/A	N/A
<b>SUMMARY:</b>	

The proposed Six-Year Transportation Improvement Program for the years 2018 – 2023, once implemented will advance the City’s ongoing efforts to improve the efficiency and safety of the roadway system for both vehicular and multi-modal uses.

In addition to City revenues, the Transportation Program also relies on grants and support from other agencies. Consistent with past practice, Public Works staff will continue to aggressively pursue grant funding for many projects within the program.

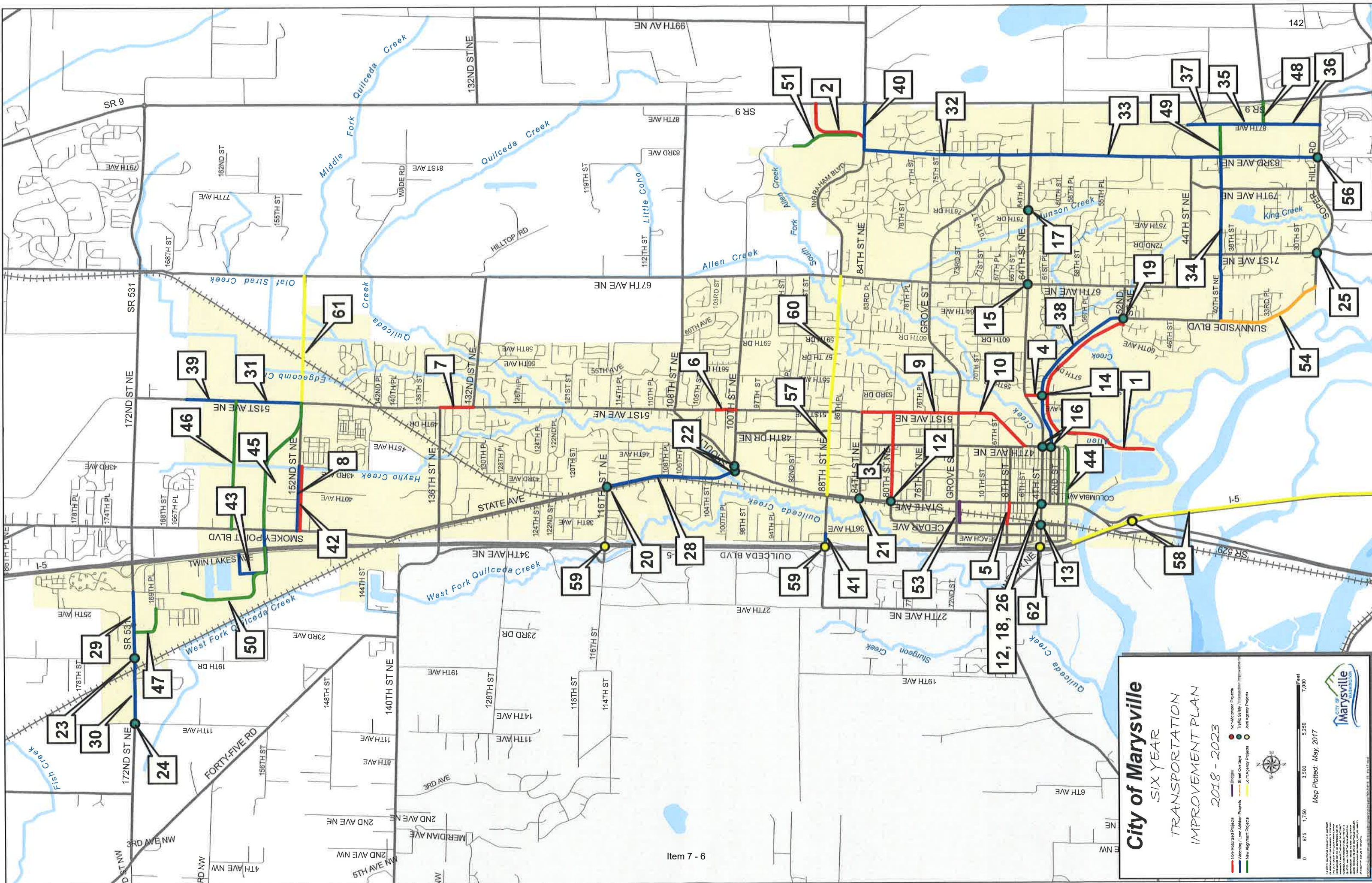
**RECOMMENDED ACTION:**  
Staff recommends that Council Authorize the Mayor to conduct a public hearing regarding the Six-Year Transportation Improvement Program (2018-2023) and, based on staff presentation, public testimony, and Council deliberations, approve a resolution adopting a Six-Year Transportation Improvement Plan (2018-2023) for the City of Marysville.

CITY OF MARYSVILLE				2018 - 2023 SIX YEAR TRANSPORTATION IMPROVEMENT PLAN (Thousands of Dollars)										Adopted Resolution No. To be Determined									
TIP NO.	LOCATION	PROJECT NAME AND DESCRIPTION	FUNCTIONAL CLASS	IMPROVEMENT TYPE	UTILITY CODES	2018			2019			2020			2021-2023			6 YEAR SUMMARY					
						2018 OBLIG & PHASE*	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2019 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2020 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2021-2023 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	CITY FUNDS	OTHER FUNDS
<b>NON-MOTORIZED PROJECTS</b>						1,730	0	1,730		2,134	50	2,084		1,280	55	1,225		12,165	895	11,270	1,000	16,309	17,309
1	CITY	EBEY WATERFRONT TRAIL CONSTRUCT MULTI-USE TRAIL	00	32	CGPSTW	1,500 ALL			GMA-ST UNFUNDED	1,500 ALL			GMA-ST UNFUNDED							0	3,000	3,000	
2	CITY	CENTENNIAL TRAIL CONNECTION CONSTRUCT MULTI-USE TRAIL BETWEEN 84TH ST AND CENTENNIAL TRAIL	00	32	CGPSTW	230 PE		230	GMA-ST UNFUNDED	410 RW		410	GMA-ST UNFUNDED	700 CN		700	GMA-ST UNFUNDED			0	1,340	1,340	
3	CITY	80TH ST NE NON-MOTORIZED: STATE AVE TO 51ST AVE NE CONSTRUCT SIDEWALK ON SOUTH SIDE OF ROADWAY FROM 47TH AVE NE TO 51ST AVE NE. RESTRIPE FROM STATE AVE TO 47TH AVE NE TO INCLUDE BICYCLE LANES	17	32	CGPSTW					98 PE		73 CMAQ 25 TBD	GMA-ST CMAQ TBD	225 RW		200 CMAQ 25 TBD	GMA-ST CMAQ TBD	506 CN	156		156	673	829
4	CITY	53RD AVE NE: SR 528 TO SUNNYSIDE BLVD CONSTRUCT BICYCLE AND PEDESTRIAN FACILITIES	17	32	CGPSTW					50 PE	50		GMA-ST	55 RW	55		GMA-ST	400 CN	200		305	200	505
5	CITY	8TH STREET PEDESTRIAN AND BICYCLE IMPROVEMENTS CONSTRUCT CURB, GUTTER, SIDEWALK AND BICYCLE FACILITIES	17	32	CGPSTW					76 PE			GMA-ST	100 RW			GMA-ST	689 CN	539		539	326	865
6	CITY	CASCADE ELEMENTARY SAFE ROUTES TO SCHOOL PROJECT CONSTRUCT CURB, GUTTER, SIDEWALK AND BICYCLE FACILITIES	17	32	CGPSTW									95 PERW		95	GMA-ST UNFUNDED	485 RW/CN			0	580	580
7	CITY	SHOULTS ELEMENTARY SAFE ROUTES TO SCHOOL PROJECT CONSTRUCT CURB, GUTTER, SIDEWALK AND BICYCLE FACILITIES	17	32	CGPSTW									105 PERW		105	GMA-ST UNFUNDED	410 RW/CN			0	515	515
8	CITY	152ND ST NE SHOULDER: SMOKEY POINT BLVD TO 43RD AVE NE CONSTRUCT SHOULDER ALONG THE SOUTH SIDE OF 152ND ST NE	17	32	CGPSTW													125 ALL		0	125	125	
9	CITY	51ST AVE NE: GROVE ST TO 84TH ST CONSTRUCT BICYCLE AND PEDESTRIAN FACILITIES	16	32	CGPSTW													5,600 ALL		0	5,600	5,600	
10	CITY	ARMAR ROAD: 47TH ST TO GROVE ST CONSTRUCT SIDEWALKS ON BOTH SIDES OF ROAD	16	32	CGPSTW													3,200 ALL		0	3,200	3,200	
11	CITY	ANNUAL SIDEWALK PROGRAM CONSTRUCT SIDEWALKS, MULTI-USE PATHS AND/OR WIDENED SHOULDERS	00	32	CGPSTW													750 ALL		0	750	750	
<b>TRAFFIC SAFETY / INTERSECTION IMPROVEMENTS</b>						1,500	105	1,395		475	275	200		1,850	100	1,750		19,413	1,900	17,513	2,380	20,858	23,238
12	CITY	STATE AVENUE - 1ST ST TO 80TH ST NE CONSTRUCT SIGNAL IMPROVEMENTS AT THE INTERSECTION OF STATE AND 4TH, STATE AND 80TH, STATE AND 88TH	14	12	CGPSTW	1,000 ALL	75		GMA-ST HSIP											75	925	1,000	
13	CITY	CITYWIDE INTERSECTION IMPROVEMENTS DESIGN AND CONSTRUCT SIGNAL OPERATIONAL IMPROVEMENTS AT INTERSECTIONS CITYWIDE	00	12		450 CN	30		GMA-ST HSIP											30	420	450	
14	CITY	53RD AVE NE / SUNNYSIDE BLVD CONSTRUCT A TRAFFIC SIGNAL AT THE INTERSECTION	14	12	CPT					75 PE	75		GMA-ST	100 PERW	100		GMA-ST	500 ALL	500		675	0	675
15	CITY	SR 528 / 67TH AVE NE INTERSECTION MODIFY NORTHWEST CORNER OF INTERSECTION FOR IMPROVED TRUCK MOVEMENTS	16	12	CPT					50 PE	50		GMA-ST	400 ALL		400	GMA-ST UNFUNDED			50	400	450	
16	CITY	47TH AVE NE / SR528 / 3RD STREET IMPROVE INTERSECTIONS AT 47TH AVE NE / SR528 AND 47TH AVE NE / 3RD STREET	14	12	CPT					150 PE	150		GMA-ST	450 PERW		450	GMA-ST UNFUNDED	1,400 ALL	1,400		1,550	450	2,000
17	CITY	SR 528 / 76TH AVE NE INTERSECTION CONSTRUCT A TRAFFIC SIGNAL AT THE INTERSECTION	16	12	CPT					150 PE		150	GMA-ST UNFUNDED	150 PERW		150	GMA-ST UNFUNDED	500 ALL		500	0	800	800
18	CITY	STATE AVENUE / SR 528 INTERSECTION MODIFY TURN RADIUS AT SE AND NW CORNERS	14	12	CPT									100 PERW		100	GMA-ST UNFUNDED	1,000 ALL		0	1,100	1,100	
19	CITY	52ND ST NE / SUNNYSIDE BLVD CONSTRUCT A TRAFFIC SIGNAL AT THE INTERSECTION	14	12	CPT									300 PERW		300	GMA-ST UNFUNDED	700 ALL		0	1,000	1,000	
20	CITY	STATE AVENUE / 116TH ST NE INTERSECTION MODIFY TRAFFIC SIGNAL, ADD WB THROUGH LANE, EXTEND EB RIGHT-TURN LANE, ADD SB RIGHT-TURN LANE AND OVERLAP PHASE	14	12	CPT									300 PERW		300	GMA-ST UNFUNDED	1,200 ALL		0	1,500	1,500	
21	CITY	STATE AVENUE / 84TH ST NE INTERSECTION	14	12	CGPSTW													2,213 ALL		0	2,213	2,213	



CITY OF MARYSVILLE											2018 - 2023 SIX YEAR TRANSPORTATION IMPROVEMENT PLAN (Thousands of Dollars)									Adopted Resolution No. To be Determined		
TIP NO.	LOCATION	PROJECT NAME AND DESCRIPTION	FUNCTIONAL CLASS	IMPROVEMENT TYPE	UTILITY CODES	2018			2019			2020			2021-2023			6 YEAR SUMMARY				
						2018 OBLIG & PHASE*	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2019 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2020 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2021-2023 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	CITY FUNDS
		CONSTRUCT WESTBOUND RIGHT TURN DROP LANE ON 88TH ST NE FROM 36TH AVE NE TO I-5													ALL		1,900	DEVELOPER				
42	CITY	152ND ST NE: SMOKEY POINT BLVD TO 43RD VIC WIDEN TO 3 LANE ROADWAY WITH BICYCLE LANES AND SIDEWALKS.	17	5	CGPSTW										ALL	4,250		GMA-ST DEVELOPER	0	4,250	4,250	
43	CITY	156TH ST NE ROUTE IMPROVEMENTS (SMOKEY POINT BLVD AND TWIN LAKES BLVD) IMPROVE I-5 OVERCROSSING ACCESS	16	5	CGPSTW										ALL	520		GMA-ST DEVELOPER	0	520	520	
<b>NEW ALIGNMENT PROJECTS</b>						4,600	0	4,600	12,575	0	12,575	13,125	0	13,125	32,675	0	32,675		0	62,975	62,975	
44	CITY	FIRST STREET BYPASS NEW 3 TO 5 LANE ROADWAY FROM STATE AVENUE TO 47TH AVE NE INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	16	1,4	CGPT	PER/RW	1,500		GMA-ST UNFUNDED	RW/CN	8,500			GMA-ST UNFUNDED	CN	1,000				0	11,000	11,000
45	CITY	156TH ST NE: SMOKEY POINT BLVD TO 51ST AVE NE NEW 5 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	17	1	CGPSTW	PER/RW	1,000		GMA-ST UNFUNDED	PER/RW	1,500			GMA-ST UNFUNDED	RW/CN	6,500			CN	6,000	15,000	15,000
46	CITY	160TH ST NE: SMOKEY POINT BLVD TO 51ST AVE NE NEW 3 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	00	1	CGPSTW	PER/RW	500		GMA-ST UNFUNDED	PER/RW	1,500			GMA-ST UNFUNDED	RW/CN	3,500			CN	4,500	10,000	10,000
47	CITY	23RD AVE NE / 169TH ST NE NEW 3 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	00	1,4	CGPSTW	ALL	1,525		GMA-ST UNFUNDED	ALL	1,000			GMA-ST UNFUNDED	ALL	2,500				0	5,025	5,025
48	CITY	35TH ST NE: INTERSECTION OF SR 9 AND SR 92 TO 87TH AVE NE NEW 4/5 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	16	1	CGPSTW										PER/RW	550		GMA-ST DEVELOPER	ALL	4,000	4,550	
49	CITY	40TH ST NE: 83RD AVE NE TO 87TH AVE NE NEW 4/5 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	16	1	CGPSTW										PER/RW	1,500		GMA-ST DEVELOPER	ALL	1,650	3,150	
50	CITY	27TH AVE NE EXTENSION: 158TH ST NE TO 186TH ST NE NEW 3 LANE ROADWAY INCLUDING PEDESTRIAN AND BICYCLE FACILITIES.	14	1,4	CGPSTW														ALL	11,800	11,800	
51	CITY	97TH AVE NE: 94TH ST NE TO 98TH ST NE NEW 2/3 LANE ROADWAY INCLUDING PEDESTRIAN FACILITIES.	00	1	CGPSTW														ALL	2,000	2,000	
52	CITY	ARTERIAL IMPROVEMENTS FOR TRANSPO COMP PLAN CREDIT TRAFFIC MIT. FEES FOR ARTERIAL CONNECTIONS	16, 17	1	CPT	CN	75		GMA-ST UNFUNDED	CN	75			GMA-ST UNFUNDED	CN	75			CN	225	450	
<b>BRIDGES</b>						0	0	0	0	0	0	0	0	0	23,950	0	23,950		0	23,950	23,950	
53	CITY	GROVE STREET OVERCROSSING CONSTRUCT AN OVERCROSSING AT THE BNSF RAILROAD INTERSECTION WITH GROVE STREET FROM STATE AVENUE TO CEDAR AVENUE.	17	8	CGPSTW										ALL	23,950		GMA-ST UNFUNDED		0	23,950	23,950
<b>PAVEMENT PRESERVATION</b>						2,100	0	2,100	1,499	0	1,499	1,475	0	1,475	4,175	0	4,175		0	9,249	9,249	
54	CITY	SUNNYSIDE OVERLAY OVERLAY BETWEEN 40TH ST NE AND SOUTH OF 29TH PL NE	16	7	CGPSTW	ALL	650		GMA-ST STP TBD											0	650	650
55	CITY	ANNUAL PAVEMENT PRESERVATION PROGRAM MISCELLANEOUS LOCATIONS DETERMINED BY PAVEMENT CONDITION		7	CGPSTW	ALL	1,450		GMA-ST TBD	ALL	1,499			GMA-ST TBD	ALL	1,475			ALL	4,175	8,599	8,599
<b>JOINT AGENCY PROJECTS</b>						15,200	900	14,300	13,300	400	12,900	25,950	600	25,350	123,950	1,000	122,950		2,900	175,500	178,400	
56	CITY	SOPER HILL RD AND 83RD AVE NE INTERSECTION LAKE STEVENS CONSTRUCT ROUNDABOUT AT INTERSECTION IMPROVEMENTS BY INTERLOCAL AGREEMENT			CGPSTW	ALL	500	500	GMA-ST											500	0	500
57	CITY COUNTY	98TH ST NE: STATE AVE TO 61ST AVE NE WIDEN TO A 3 LANE ROADWAY SECTION PLUS RIGHT/THRU LANE AT STATE. IMPROVEMENTS BY INTERLOCAL AGREEMENT	14	4	CGPSTW	PER/RW	800	400	GMA-ST COUNTY	PER/RW	800	400			GMA-ST COUNTY	ALL	1,200	600		CN	3,500	6,300
58	WSDOT CITY	I-5 PEAK HOUR USE LANES AND INTERCHANGE IMPROVEMENTS CONSTRUCT NB SHOULDER RUNNING LANE DURING PEAK CONGESTION AND INTERCHANGE IMPROVEMENTS AT I-5 AND SR 529	11, 14	1,4	P	ALL	3,900		GMA-ST WSDOT	ALL	6,000			GMA-ST WSDOT	ALL	19,600	14,600	5,000	ALL	54,900	84,400	
59	WSDOT TULALIP	I-5 / 116TH ST AND 88TH ST INTERCHANGE IMPROVEMENTS COMPLETE INTERCHANGE IMPROVEMENTS.	11, 14	3,9	PT	ALL	10,000		GMA-ST WSDOT	ALL	6,500			GMA-ST WSDOT	ALL	5,150			ALL	25,000	46,650	

2018 - 2023 SIX YEAR TRANSPORTATION IMPROVEMENT PLAN																							Adopted Resolution No. To be Determined	
CITY OF MARYSVILLE				(Thousands of Dollars)																				
		2018				2019				2020				2021-2023				6 YEAR SUMMARY						
TIP NO.	LOCATION	PROJECT NAME AND DESCRIPTION	FUNCTIONAL CLASS	IMPROVEMENT UTILITY CODES	2018 OBLIG & PHASE*	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2019 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2020 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	2021-2023 OBLIG & PHASE	CITY FUNDS	OTHER FUNDS	FUND SOURCE	CITY FUNDS	OTHER FUNDS	6 YR. PROJECT COST	
60	CITY	88TH ST NE: 51ST AVE NE TO 67TH AVE NE	14	4	CGPSTW												9,750			GMA-ST	0	9,750	9,750	
	COUNTY	WIDEN TO A 3 LANE ROADWAY SECTION WITH BIKE LANES IMPROVEMENTS BY INTERLOCAL AGREEMENT															ALL		9,750	UNFUNDED				
61	CITY	152ND ST NE: 51ST AVE NE TO 67TH AVE NE	16	4	CGPSTW												11,000			GMA-ST	0	11,000	11,000	
	COUNTY	WIDEN TO A 3 LANE ROADWAY SECTION WITH IMPROVEMENTS AT ARTERIAL INTERSECTIONS															ALL		11,000	UNFUNDED				
62	CITY	SR528 / I-5 INTERCHANGE ADDITIONAL LANES	11, 14	4	CGPSTW												19,800			GMA-ST	0	19,800	19,800	
	WSDOT	CONSTRUCT ADDITIONAL EASTBOUND AND WESTBOUND LANES AT THE INTERCHANGE. ADD ADDITIONAL TURN LANES.															ALL		19,800	UNFUNDED				
<b>DEBT SERVICE</b>					1,025	1,025	0		1,027	1,027	0		1,034	1,034	0		3,105	3,105	0			6,191	0	6,191
63	CITY	STATE AVENUE DEBT SERVICE	N/A	N/A		480	480	GMA-ST	476	476	GMA-ST	477	477	GMA-ST	1,432	1,432	GMA-ST	2,865	0	2,865			2,865	
64	CITY	LIMITED BOND FOR STREET CONSTRUCTION PROJECTS	N/A	N/A		545	545	GMA-ST	551	551	GMA-ST	557	557	GMA-ST	1,673	1,673	GMA-ST	3,326	0	3,326			3,326	
<b>SUMMARY</b>																								
		STATE, FEDERAL, OTHER AND UNFUNDED FUNDS:																						
	DEVELOPER	DEVELOPER					2,750	DEVELOPER			3,000	DEVELOPER			6,550	DEVELOPER			73,613	DEVELOPER			85,913	DEVELOPER
	WSDOT	WASH. ST. DEPT OF TRANSPORTATION					13,900	WSDOT			12,500	WSDOT			19,750	WSDOT			79,900	WSDOT			126,050	WSDOT
	UNFUNDED	CITY UNDETERMINED					6,930	UNFUNDED			19,935	UNFUNDED			19,975	UNFUNDED			116,770	UNFUNDED			163,610	UNFUNDED
	COUNTY	SNOHOMISH COUNTY					400	COUNTY			400	COUNTY			600	COUNTY			1,000	COUNTY			2,400	COUNTY
	TBD	TRANSPORTATION BENEFIT DISTRICT					1,600	TBD			1,600	TBD			1,600	TBD			4,800	TBD			9,600	TBD
	CT	COMMUNITY TRANSIT					0	CT			0	CT			0	CT			0	CT			0	CT
	TIB	TRANSPORTATION IMPROVEMENT BOARD					750	TIB			0	TIB			0	TIB			0	TIB			750	TIB
	STP	SURFACE TRANSPORTATION PROGRAM					500	STP			0	STP			0	STP			0	STP			500	STP
	CMAQ	CONGESTION MITIGATION AIR QUALITY					0	CMAQ			73	CMAQ			200	CMAQ			0	CMAQ			273	CMAQ
	HSIP	HIGHWAY SAFETY IMPROVEMENT PROGRAM					1,345	HSIP			0	HSIP			0	HSIP			0	HSIP			1,345	HSIP
	PED-BIKE	PEDESTRIAN AND BICYCLE PROGRAM					0	PED-BIKE			0	PED-BIKE			0	PED-BIKE			0	PED-BIKE			0	PED-BIKE
	SRTS	SAFE ROUTES TO SCHOOL					0	SRTS			0	SRTS			0	SRTS			0	SRTS			0	SRTS
	TIGER	TRANSPORTATION INVESTMENT GENERATING ECONOMIC RECOVER					0	TIGER			0	TIGER			0	TIGER			0	TIGER			0	TIGER
	FMSIB	FREIGHT MOBILITY STRATEGIC INVESTMENT BOARD					0	FMSIB			0	FMSIB			5,000	FMSIB			0	FMSIB			5,000	FMSIB
	CDBG	COMMUNITY DEVELOPMENT BLOCK GRANT					0	CDBG			0	CDBG			0	CDBG			0	CDBG			0	CDBG
	OTHER	BOND OR LOAN					0	OTHER			0	OTHER			0	OTHER			0	OTHER			0	OTHER
							28,175	<b>SUB TOT</b>			37,501	<b>SUB TOT</b>			53,475	<b>SUB TOT</b>			278,083	<b>SUB TOT</b>			395,441	<b>SUB TOT</b>
		<b>CITY FUNDS:</b>																						
	ART-ST	ARTERIAL STREET FUND					0	ART-ST			0	ART-ST			0	ART-ST			0	ART-ST			0	ART-ST
	GMA-ST	GROWTH MANAGEMENT STREET FUND DEMAND					2,300	GMA-ST			2,300	GMA-ST			2,300	GMA-ST			6,900	GMA-ST			13,800	GMA-ST
		PROJECTED GROWTH MANAGEMENT STREETS REVENUES					1,500	GMA-ST			1,500	GMA-ST			1,500	GMA-ST			4,500	GMA-ST			9,000	GMA-ST
	TM	TRAFFIC MITIGATION					800	TM			800	TM			800	TM			2,400	TM			4,800	TM
		ANNUAL DEFICIT OR SURPLUS					0				0				0				0				0	
		ESTIMATED CARRYOVER SURPLUS OR DEFICIT FROM PREVIOUS YEAR					0				0				0				0				0	
		YEAR TO YEAR ESTIMATED ANNUAL SURPLUS OR DEFICIT					0				0				0				0				0	
							2,300	<b>SUB TOT</b>			2,300	<b>SUB TOT</b>			2,300	<b>SUB TOT</b>			6,900	<b>SUB TOT</b>			13,800	<b>SUB TOT</b>
							30,475	<b>TOTAL</b>			39,808	<b>TOTAL</b>			55,975	<b>TOTAL</b>			282,983	<b>TOTAL</b>			408,241	<b>GRAND TOT</b>



**City of Marysville**  
 SIX YEAR  
 TRANSPORTATION  
 IMPROVEMENT PLAN  
 2018 - 2023

■ Non-Motorized Projects  
 ■ Widening / Lane Addition Projects  
 ■ New Alignment Projects  
 ■ Street Overlay / Improvement Projects  
 ■ Joint Agency Projects  
 ■ Joint Agency Projects

■ Bridge  
 ■ Street Overlay / Improvement Projects  
 ■ Joint Agency Projects  
 ■ Joint Agency Projects

■ Traffic Safety / Intersection Improvements  
 ■ Joint Agency Projects

0 875 1,750 3,500 5,250 7,000 Feet  
 Map Plotted: May, 2017

City of Marysville  
 Transportation Department



## **2018-2023 SIX YEAR TRANSPORTATION PLAN PROGRAM NARRATIVE**

### **NON-MOTORIZED PROJECTS**

**ITEM NO. 1            EBey WATERFRONT TRAIL**

Construct a multi-use trail associated with the Ebey Waterfront Park and Trail Master Plan.

**ITEM NO. 2            CENTENNIAL TRAIL CONNECTION**

Construct a multi-use trail between 84<sup>th</sup> St. NE and the Centennial Trail in the vicinity of SR 9 for multimodal connectivity to the Bayview trail.

**ITEM NO. 3            80<sup>th</sup> ST NE NON-MOTORIZED: STATE AVE TO 51<sup>ST</sup> AVE NE**

Construct curb, gutter, and sidewalk along the south side of 80<sup>th</sup> St. NE between 47<sup>th</sup> Ave NE and 51<sup>st</sup> Ave NE. Re-channelize 80<sup>th</sup> St NE from State Ave to 47<sup>th</sup> Ave NE to include bicycle lanes. Design and right-of-way partially funded by Congestion Mitigation and Air Quality grant funds.

**ITEM NO. 4            53<sup>RD</sup> AVE NE: SR 528 TO SUNNYSIDE BLVD**

Construct pedestrian facilities including curb, gutter and sidewalk and bicycle lanes.

**ITEM NO. 5            8<sup>TH</sup> ST NE PEDESTRIAN AND BICYCLE IMPROVEMENTS**

Construct pedestrian facilities including curb, gutter, sidewalk and bicycle lanes along 8<sup>th</sup> Street across the BNSF mainline between Cedar Avenue and State Avenue as part of the Pedestrian and Bicycle Grant Program.

**ITEM NO. 6            CASCADE ELEMENTARY SAFE ROUTES TO SCHOOL**

Construct pedestrian facilities including curb, gutter, sidewalk and bicycle lanes along 51<sup>st</sup> Ave NE between 100<sup>th</sup> St NE and 102<sup>nd</sup> PI NE as part of the Safe Routes to School Program.

**ITEM NO. 7            SHOULTES ELEMENTARY SAFE ROUTES TO SCHOOL**

Construct pedestrian facilities including curb, gutter, sidewalk and bicycle lanes along 51<sup>st</sup> Ave NE between 132<sup>nd</sup> St NE and 136<sup>th</sup> St NE as part of the Safe Routes to School Program.

**ITEM NO. 8            152<sup>ND</sup> ST NE SHOULDER: SMOKEY POINT BLVD TO 43<sup>RD</sup> AVE NE**

Construct shoulder improvements along the south side of 152<sup>nd</sup> St NE from Smokey Point Blvd to 43<sup>rd</sup> Ave NE.

**ITEM NO. 9            51<sup>ST</sup> AVE NE: GROVE ST TO 84<sup>TH</sup> ST**

Construct sidewalks on both sides of roadway and make provisions for bicycle lanes.



**ITEM NO. 10      ARMAR ROAD: 47<sup>TH</sup> ST TO GROVE ST**

Construct sidewalks on both sides of road.

**ITEM NO. 11      ANNUAL SIDEWALK PROGRAM**

Construct curb, gutter, sidewalk or shoulder improvements as identified in the Transportation Benefit District and/or Transportation Comprehensive Plan.

**TRAFFIC SAFETY/INTERSECTION IMPROVEMENTS**

**ITEM NO. 12      STATE AVE -1<sup>ST</sup> ST TO 80<sup>TH</sup> ST NE**

Improve traffic signal timing and phasing, improve visibility of traffic signal heads, improve conditions for pedestrians in crosswalks at intersections of State Ave. NE and 1<sup>st</sup> Street, 3<sup>rd</sup> Street, 4<sup>th</sup> Street, 6<sup>th</sup> Street, and 64<sup>th</sup> St. NE. Replace complete signal at the intersection of State Ave. NE and 80<sup>th</sup> St. NE. Projects are partially funded by the Highway Safety Improvement Program.

**ITEM NO. 13      CITYWIDE INTERSECTION IMPROVEMENTS**

Improve traffic signal operations at seven intersections, increase visibility of traffic signal heads with the installation of reflective signal head backplates at two intersections and upgrade railroad/traffic signal interconnect equipment, circuitry and operations at four intersections. Signal operations will be improved with the installation of flashing yellow arrow (FYA) left turn signal displays at six intersections and installation of advanced vehicle detection at one State Avenue intersection. Projects are partially funded by the Highway Safety Improvement Program.

**ITEM NO. 14      53<sup>RD</sup> AVE NE / SUNNYSIDE BLVD INTERSECTION**

Construct a traffic signal at the intersection.

**ITEM NO. 15      SR 528 / 67<sup>TH</sup> AVE NE INTERSECTION**

Modify northwest corner of intersection including signal improvements to accommodate improved truck turning movements.

**ITEM NO. 16      47<sup>TH</sup> AVE NE/SR528/3<sup>RD</sup> STREET INTERSECTIONS**

Improve intersections to accommodate traffic generated via the First Street Bypass and SR 529/I-5 Interchange improvements.

**ITEM NO. 17      SR 528 / 76<sup>TH</sup> ST NE INTERSECTION**

Construct a traffic signal and additional channelization.

**ITEM NO. 18      STATE AVENUE / SR 528 INTERSECTION**

Change southeast and southwest radii as a condition of development of adjacent property to dedicate necessary right-of-way to make this improvement.





**ITEM NO. 19            52<sup>ND</sup> ST NE/SUNNYSIDE BLVD INTERSECTION**

Construct a traffic signal at the intersection

**ITEM NO. 20            STATE AVENUE / 116<sup>TH</sup> ST NE INTERSECTION**

Construct turn lane(s), modify traffic signal, add a second westbound thru lane and extend the eastbound right-turn lane.

**ITEM NO. 21            STATE AVENUE / 84<sup>TH</sup> ST NE INTERSECTION**

Construct rail crossing and install a traffic signal. Close adjacent rail crossings. Project will be developer initiated and driven.

**ITEM NO. 22            STATE AVENUE / 100<sup>TH</sup> ST / SHOULTES RD INTERSECTIONS**

Construct intersection improvements to the two intersections as one project for better traffic flow. Due to intersection proximity a dumbbell roundabout will be considered.

**ITEM NO. 23            172<sup>ND</sup> ST NE / 19<sup>TH</sup> AVE NE ROUNDABOUT**

Construct a multi-lane roundabout at the intersection of 172<sup>nd</sup> St NE and 19<sup>th</sup> Ave NE.

**ITEM NO. 24            172<sup>ND</sup> ST NE / 11<sup>TH</sup> AVE NE ROUNDABOUT**

Construct a single lane roundabout at the intersection of 172<sup>nd</sup> St NE and 11<sup>th</sup> Ave NE.

**ITEM NO. 25            71<sup>ST</sup> AVE NE / SOPER HILL RD / SUNNYSIDE BLVD**

Improve offset intersection of 71<sup>st</sup> Ave NE, Soper Hill Rd and Sunnyside Blvd.

**ITEM NO. 26            CITY CENTER ACCESS IMPROVEMENT PROJECTS**

Extend eastbound left-turn lane at SR 528 and State Avenue. Add eastbound left-turn and northbound right-turn lane at 1st Street and State Avenue.

**ITEM NO. 27            INTELLIGENT TRANSPORTATION SYSTEM**

Implement Intelligent Transportation Systems Program to improve signal coordination and management, roadway monitoring and response, ITS device management, and data collection. System to include communications equipment, traffic signal equipment, video surveillance and monitoring, video detection, and satellite traffic management center.

**WIDENING / LANE ADDITION PROJECTS**

**ITEM NO. 28            STATE AVENUE: 100TH STREET NE TO 116TH STREET NE**

Widen from 3-lane to a 5-lane roadway with curb, gutter and sidewalk, and replace the crossing at Quil Ceda Creek. Project is partially funded by the Transportation Improvement Board.



- ITEM NO. 29**      **172<sup>ND</sup> ST NE: 27<sup>TH</sup> AVE NE TO 19<sup>TH</sup> AVE NE**  
Widen from 3-lane to a 4/5-lane roadway with pedestrian and bicycle facilities.
- ITEM NO. 30**      **172<sup>ND</sup> ST NE: 19<sup>TH</sup> AVE NE TO 11<sup>TH</sup> AVE NE**  
Widen from 2-lanes to a 2/3-lane roadway with pedestrian and bicycle facilities.
- ITEM NO. 31**      **51<sup>ST</sup> AVENUE NE: 152<sup>ND</sup> ST NE TO 160<sup>TH</sup> ST NE**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.
- ITEM NO. 32**      **83<sup>RD</sup> AVE NE: SR 528 TO 84<sup>TH</sup> ST NE**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.
- ITEM NO. 33**      **83<sup>RD</sup> AVE NE: SOPER HILL RD TO SR 528**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.
- ITEM NO. 34**      **40<sup>TH</sup> ST NE: SUNNYSIDE BLVD TO 83<sup>RD</sup> AVE NE**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.
- ITEM NO. 35**      **87<sup>TH</sup> AVE NE: 35<sup>TH</sup> ST NE TO 40<sup>TH</sup> ST NE**  
Widen from 2-lane to 4/5-lane roadway with multi-use path of 87<sup>th</sup> Ave NE. Intersection improvements at 35<sup>th</sup> St NE and 40<sup>th</sup> St NE as roundabouts.
- ITEM NO. 36**      **87<sup>TH</sup> AVE NE: SOPER HILL RD TO 35<sup>TH</sup> ST NE**  
Widen from 2-lane to 3-lane roadway with multi-use path on each side of 87<sup>th</sup> Ave NE.
- ITEM NO. 37**      **87<sup>TH</sup> AVE NE: 40<sup>TH</sup> ST NE TO SUNNYSIDE SCHOOL RD**  
Widen from 2-lane to 3-lane roadway with multi-use path on each side of 87<sup>th</sup> Ave NE.
- ITEM NO. 38**      **SUNNYSIDE BOULEVARD: 47<sup>TH</sup> AVE NE TO 52<sup>ND</sup> ST NE**  
Widen from 2-lane to 5-lane roadway with curb, gutter and sidewalk, including bicycle lanes. Construct traffic signals at intersection of Sunnyside Blvd/53<sup>rd</sup> Ave NE and Sunnyside Blvd/52<sup>nd</sup> St NE.
- ITEM NO. 39**      **51<sup>ST</sup> AVENUE NE: 160<sup>TH</sup> ST NE TO ARLINGTON CITY LIMITS**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.
- ITEM NO. 40**      **84<sup>TH</sup> ST NE: 83<sup>RD</sup> AVE NE TO SR 9**  
Widen from 2-lane to 5-lane roadway with multi-use trail.
- ITEM NO. 41**      **88<sup>TH</sup> ST NE: 36<sup>TH</sup> AVE NE TO I-5**  
Add westbound right-turn drop lane on 88<sup>th</sup> St NE from 36<sup>th</sup> Ave NE to I-5. Project will need to be coordinated with future 88<sup>th</sup> St NE Interchange funded under the Connecting Washington program and sponsored by the Tulalip Tribes/WSDOT.



**ITEM NO. 42**      **152<sup>ND</sup> ST NE: SMOKEY POINT BLVD TO 43<sup>RD</sup> VIC.**  
Widen from 2-lane to 3-lane roadway with curb, gutter and sidewalk, including bicycle lanes.

**ITEM NO. 43**      **156<sup>TH</sup> ST NE ROUTE IMPROVEMENTS: SMOKEY POINT BLVD AND TWIN LAKES BLVD)**

Improve I-5 overcrossing access by increasing turning radii, eliminating stop signs for primary travel pattern, signal modifications that reduce turning delays and sign as a bicycle route.

### **NEW ALIGNMENT PROJECTS**

**ITEM NO. 44**      **FIRST STREET BYPASS**

New 3/5 lane bypass route along 1<sup>st</sup> Street from State Avenue to 47<sup>th</sup> Ave NE including bicycle and pedestrian facilities.

**ITEM NO. 45**      **156<sup>TH</sup> STREET NE: SMOKEY POINT BLVD TO 51<sup>ST</sup> AVE NE**

New 5-lane roadway including pedestrian and bicycle facilities.

**ITEM NO. 46**      **160<sup>TH</sup> STREET NE: SMOKEY POINT BLVD TO 51<sup>ST</sup> AVE NE**

New 3-lane roadway including pedestrian and bicycle facilities.

**ITEM NO. 47**      **23<sup>RD</sup> AVE NE / 169<sup>TH</sup> ST NE**

New 3-lane roadway including pedestrian and bicycle facilities. Includes connection to the roundabout at 172<sup>nd</sup> St NE and 23<sup>rd</sup> Ave NE and improvement at the roundabout to accommodate the fourth leg.

**ITEM NO. 48**      **35<sup>TH</sup> ST NE: INTERSECTION OF SR 9 AND SR 92 TO 87<sup>TH</sup> AVE NE**

New 4/5-lane roadway including pedestrian and bicycle facilities. Channelization and signal improvements at SR 9 and SR 92 required for fourth leg break in access. Connection of 35<sup>th</sup> St NE from SR9/SR92, 87<sup>th</sup> St NE from 35<sup>th</sup> St NE to 40<sup>th</sup> St NE, and 40<sup>th</sup> St NE from 87<sup>th</sup> Ave NE to 83<sup>rd</sup> Ave NE required before break in access can occur per Interlocal Agreement with WSDOT.

**ITEM NO. 49**      **40<sup>TH</sup> ST NE: 83<sup>RD</sup> AVE NE TO 87<sup>TH</sup> AVE NE**

New 4/5-lane roadway including multi-use trail on the south side and sidewalk on the north side. Traffic signal at intersection of 40<sup>th</sup> St NE and 83<sup>rd</sup> Ave NE.

**ITEM NO. 50**      **27<sup>TH</sup> AVE EXTENSION FROM 156<sup>TH</sup> ST NE TO 166<sup>TH</sup> ST NE**

New 3-lane roadway extension including pedestrian and bicycle facilities.

**ITEM NO. 51**      **87<sup>TH</sup> AVE NE: 84<sup>TH</sup> ST NE TO 98<sup>TH</sup> ST NE**

New 2/3-lane roadway extension including pedestrian facilities.



**ITEM NO. 52      ARTERIAL IMPROVEMENTS FOR TRANSPORTATION COMPREHENSIVE PLAN**

Credit select, applicable traffic mitigation fees for portions of arterial improvements that do not directly access private development land uses.

**BRIDGES**

**ITEM NO. 53      GROVE STREET OVERCROSSING**

New overcrossing at the BNSF mainline between Cedar Avenue and State Avenue.

**PAVEMENT PRESERVATION**

**ITEM NO. 54      SUNNYSIDE OVERLAY**

Overlay between 40<sup>th</sup> St NE and south of 29<sup>th</sup> Pl NE. Project is partially funded with preservation funds from the Surface Transportation Program.

**ITEM NO. 55      ANNUAL PAVEMENT PRESERVATION PROGRAM**

Select locations for pavement preservation determined by pavement condition and/or as identified in the Transportation Benefit District 10-year project list.

**JOINT AGENCY PROJECTS**

**ITEM NO. 56      SOPER HILL RD AND 83<sup>RD</sup> AVE NE INTERSECTION**

Joint Lake Stevens/Marysville project to construct an urban compact roundabout at the intersection. Marysville will be the lead agency via an Interlocal agreement.

**ITEM NO. 57      88<sup>th</sup> STREET NE: STATE AVENUE TO 51<sup>ST</sup> AVE NE**

Joint Snohomish County/Marysville project to widen the existing 2-lane road to a 3-lane roadway with curb, gutter and sidewalks. Replace the temporary span wire traffic signal at 88<sup>th</sup> St NE and 51<sup>st</sup> Ave NE with a permanent signal.

**ITEM NO. 58      I-5 PEAK HOUR USE LANES AND INTERCHANGE IMPROVEMENTS.**

Construct a northbound hard shoulder running lane during peak congestion and install ITS and ramp meters in the corridor. Construct new northbound off-ramp from Interstate 5 to SR 529 and new southbound on-ramps from SR 529 to Interstate 5 completing a full interchange at this location. The project is funded under the Connecting Washington and WSDOT is now the lead agency. The interchange project has Freight Mobility Strategic Investment Board construction funds that were secured by the City.



**ITEM NO. 59 I-5 AND 116<sup>TH</sup> ST NE / 88<sup>TH</sup> ST NE INTERCHANGES**

Complete the interchange expansion at 116<sup>th</sup> St NE and I-5. Interchange expansion at 88<sup>th</sup> St NE and I-5. The project is funded under the Connecting Washington program and is sponsored by the Tulalip Tribes.

**ITEM NO. 60 88<sup>TH</sup> ST NE: 51<sup>ST</sup> AVE NE TO 67<sup>TH</sup> AVE NE**

Joint Snohomish County/Marysville project to widen the existing 2-lane road to a 3-lane roadway with curb, gutter and sidewalks, including bicycle lanes.

**ITEM NO. 61 152<sup>ND</sup> ST NE: 51<sup>ST</sup> AVE NE VIC TO 67<sup>TH</sup> AVENUE NE**

Proposed joint Snohomish County/Marysville project to widen the existing 2-lane road to a 3-lane roadway with curb, gutter and sidewalks.

**ITEM NO. 62 SR 528 / I-5 INTERCHANGE ADDITIONAL LANES**

Construct additional eastbound and westbound lanes along SR 528 at the interchange with Interstate 5. Add turn lanes.

**DEBT SERVICE**

**ITEMS NO. 63 STATE AVENUE DEBT SERVICE**

Yearly debt payments necessary to provide a portion of the local match funding to pay for the State Avenue, Grove Street to First Street project.

**ITEMS NO. 64 LIMITED BOND FOR STREET CONSTRUCTION PROJECTS**

2007 Limited Bond for street construction projects including State Ave. 116<sup>th</sup> to 136<sup>th</sup>, State Ave. 136<sup>th</sup> to 152<sup>nd</sup>, SR 528 / 47<sup>th</sup> Ave. Intersection and 3<sup>rd</sup> St. NE / 47<sup>th</sup> Ave Intersection.

CITY CLERK

**Notice of Public Hearing  
Before the Marysville City Council**

Notice is hereby given that the Marysville City Council will hold a Public Hearing at 7:00 p.m., on Monday, June 12, 2017 in the Council Chambers of Marysville City Hall located at 1049 State Avenue, Marysville, Washington. The purpose of this public hearing is to consider the following:

**A Resolution of the City of Marysville adopting a Six Year Transportation Improvement Program (2018-2023) in accordance with RCW 35-77-010.**

Any person may appear at the hearing and be heard in support of or opposition to this proposal. Additional information may be obtained at the Marysville City Clerk's Office, 1049 State Avenue, Marysville, Washington 98270, (360) 363-8000.

The City of Marysville

\_\_\_\_\_  
April O'Brien  
Deputy City Clerk

Dated: May 24, 2017

Published Marysville Globe: May 27, 2017 and June 3, 2017

Special Accommodations: The City of Marysville strives to provide accessible meetings for people with disabilities. Please contact the City Clerk's Office at (360) 363-8000 or 1-800-833-6384 (voice relay), 1-800-833-6388 (TDD relay) two days prior to the meeting date if any special accommodations are needed for this meeting.

\*\*\*\*\*

**THIS NOTICE IS NOT TO BE REMOVED, MUTILATED OR  
CONCEALED IN ANY WAY BEFORE DATE OF HEARING.**

CITY OF MARYSVILLE  
Marysville, Washington

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION OF THE CITY OF MARYSVILLE ADOPTING A SIX-YEAR TRANSPORTATION IMPROVEMENT PROGRAM (2018-2023)

WHEREAS, the City Council of the City of Marysville, Washington, pursuant to RCW 35.77.010, held a public hearing on June 12, 2017 for the purpose of revising and extending its Comprehensive Six-Year Transportation Program; and

WHEREAS, the City Council has reviewed the current status of City streets and has considered the testimony and exhibits presented at the public hearing, and finds that the programs presented by the Public Works Department are in the long-range best interests of the City;

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

1. The Comprehensive Six-Year Transportation Improvement Program (2018-2023) presented to the City Council, copies of which are on file and open to public inspection at the office of the City Clerk, is hereby approved and adopted in its entirety.

2. The City is hereby directed to file copies of said Programs with the Secretary of Transportation.

PASSED by the City Council and APPROVED by the Mayor this \_\_\_\_\_ day of \_\_\_\_\_, 2017.

CITY OF MARYSVILLE

By \_\_\_\_\_  
Jon Nehring, Mayor

Attest:

By \_\_\_\_\_  
April O'Brien, Deputy City Clerk

Approved as to form:


By \_\_\_\_\_  
Jon Walker, City Attorney

# *Index #12*



**CITY OF MARYSVILLE AGENDA BILL  
EXECUTIVE SUMMARY FOR ACTION**

**CITY COUNCIL MEETING DATE: June 12, 2017**

<b>AGENDA ITEM:</b>	
PA16-036 Surface Water Comprehensive Plan Update	
<b>PREPARED BY:</b>	<b>DIRECTOR APPROVAL:</b>
Matthew Eyer, Surface Water Administrator	
<b>DEPARTMENT:</b>	
Public Works	
<b>ATTACHMENTS:</b>	
<ol style="list-style-type: none"> <li>1. Memo to Council</li> <li>2. Planning Commission Minutes from November 9, 2016 Workshop</li> <li>3. Planning Commission Minutes from January 10, 2017 Public Hearing</li> <li>4. Ordinance No. _____</li> <li>5. Completed 2015 Surface Water Comprehensive Plan Update</li> </ol>	
<b>BUDGET CODE:</b>	<b>AMOUNT:</b>
NA	NA
<b>SUMMARY:</b>	

Gray & Osborne, Inc. was hired by the City to provide an update to the 2009 City of Marysville Surface Water Management Plan (Plan).

The updated Plan identifies surface water capital improvement projects utilizing existing surface water system maps, past studies, past reports, City work order records, staff interviews, models developed and other relevant information. A capital improvement program project implementation schedule has been created for the City through the year 2023.

The City's Planning Commission held a public workshop on November 9, 2016 and a public hearing on January 10, 2017 to accept public comments and review the Plan following public notice. As reflected in the minutes from the public hearing, dated January 10, 2017, the Planning Commission recommends Council adopt the Plan by ordinance. An ordinance has been prepared by city staff, has been reviewed by the City's Attorney and is attached.

**RECOMMENDED ACTION:**  
Affirm the Planning Commission's recommendation and adopt the Surface Water Comprehensive Plan Update by ordinance.



## PUBLIC WORKS

Kevin Nielsen, *Director*

80 Columbia Avenue  
 Marysville, Washington 98270  
 Phone (360) 363-8100  
 Fax (360) 363-8284  
 marysvillewa.gov

### MEMORANDUM

**Date:** May 10, 2017

**To:** City Council

**From:** Matthew Eyer, Surface Water Administrator

**RE:** Surface Water Comprehensive Plan Update

The City of Marysville Surface Water Comprehensive Plan (Plan) is a planning document that provides guidance to minimize adverse effects of stormwater runoff on ground and surface water in a manner that complies with federal, state, remove, and local surface water regulations. It identifies water quality and quantity problems associated with stormwater runoff that may affect the environment and community and provides recommendations for improvements and programs including a financial analysis and implementation schedule.

The Plan identifies specific structural and nonstructural solutions to quantity and water quality problems within the City. Structural solutions include construction of capital projects such as stormwater detention and treatment facilities, infiltration facilities, pipelines, and culverts. Nonstructural solutions include stormwater management facility inspection and maintenance, public education and outreach, water quality monitoring, implementation of best management practices (BMPs), and regulations encouraging vegetation preservation and low impact development.

Below are a few highlights of the 2016 Water System Plan:

- Final Plan obtained from Gray & Osborne on December 13, 2016
- Plan consists of:
  - Basic Planning Data (Topography, Drainage Basins, Soils, Wetlands)
    - Stormwater management system analysis
    - Existing system
    - Identified conveyance problems
  - Capital Improvement Plan
  - Simplified Financial Review
- Identified Conveyance Problems
  - Separated capital improvement projects by drainage basin
  - 25 capital improvement projects total  
 (as summarized below and as detailed in Table 4-1 of the Draft Plan)

Capital Improvement Projects by Basin						
Basin	Total No. of Projects	Pipe Replacement/ Installation	Bridge	Regional Detention/ Water Quality	Fish Screen	Creek Realignment
Quilceda Creek	18	7	3	4	1	3
Allen Creek	4	4				
Ebey Slough North	2			2		
Ebey Slough South	0					
Sunnyside Creek	1	1				
<b>Total:</b>	<b>25</b>	<b>12</b>	<b>3</b>	<b>6</b>	<b>1</b>	<b>3</b>

- **Capital Improvement Plan**
  - Detailed cost estimates were developed for each project
  - A summary of the costs per basin are shown below

Capital Improvement Project Costs		
Basin	Total No. of Projects	Project Costs
Quilceda Creek	18	\$55,939,000
Allen Creek	4	\$2,036,000
Ebey Slough North	2	\$8,358,000
Ebey Slough South	0	\$0
Sunnyside Creek	1	\$1,590,000
<b>Total:</b>	<b>25</b>	<b>\$67,923,000</b>

- **Financial Review**
  - 6 Year CIP created (see table below)

6-Year CIP 2017-2023 <sup>(1)</sup>	
ES1: Historic Downtown Green Retrofit Study	2017 \$150,000
QC13: Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue	2018 \$6,755,000
ES2: Water Quality Treatment Facility at Downtown Marina Outfall	2018 \$8,208,000
QC4B: Conveyance for Regional Pond 2	2019 \$4,901,000
QC5C: Edgecomb Creek Regional Detention Facility	2021 \$5,054,000
QC5B: Edgecomb Creek Conveyance	2022 \$8,517,000
QC5A: Edgecomb Creek Channel Realignment	2023 \$19,042,000

(1) Project costs reflect estimated Year 2016 costs. A cost escalation of approximately 3 percent should be used when budgeting for this project.

- Simplified financial analysis conducted (Table 5-4 in Draft Plan)
  - Results:
    - An annual increase of rates at 2% covers operating expenses.
    - An annual increase of rates at 2% (with no increase in connection fees) does not cover the anticipated capital improvement costs over the next 6 years.

**PLANNING**  
**COMMISSION**



**MINUTES**

**November 9, 2016**

**7:00 p.m.**

**City Hall**

**CALL TO ORDER**

Chair Leifer called the November 9, 2016 meeting to order at 7:00 p.m. noting the absence of Kelly Richards.

**Roll Call**

**Chairman:** Steve Leifer

**Commissioners:** Roger Hoen, Kay Smith, Brandon Whitaker, Jerry Andes, Tom Thetford, Kelly Richards

**Staff:** Community Development Director Dave Koenig, Senior Planner Angela Gemmer, City Engineer Jeff Laycock, Project Engineer Ryan Morrison, Water Resources Manager Kari Chennault, Surface Water Specialist Matthew Eyer

**Absent:**

**APPROVAL OF MINUTES**

**October 25, 2016**

Chair Leifer requested that two corrections be made to the minutes to clarify the intent of the statements made.

**Motion** made by Commissioner Smith, seconded by Commissioner Richards, to approve the October 25 Meeting Minutes as corrected.

Commissioner Richards arrived at 7:05.

**Motion** passed unanimously (7-0), to approve the minutes as corrected.

**AUDIENCE PARTICIPATION**

None

## **PUBLIC HEARING**

### School District's 2016-2021 Capital Facilities Plan

Chair Leifer opened the hearing at 7:06 p.m. Ms. Gemmer explained what the requirements were for school impact fees to be collected by school districts. The districts had submitted CFP's that met all the required criteria. She then described the criteria that had to be met, and stated that all required elements for approval had been addressed. Lake Stevens School District was utilizing a local discount in their plan this year to determine fees due to a large increase in the school impact fee. The large increase is based on the need to construct new elementary school and new classrooms to the existing high school. In order to mitigate the impacts of a large increase in fees, a local discount was being proposed to balance the needs of the school district with the impacts to future residents and developers

Ms. Gemmer overviewed each of the districts' proposed impact fee changes. Staff is requesting Planning Commission make a recommendation to City Council to approve the plans as presented.

Chair Leifer stated that all of his curiosities had been satisfied at the previous meetings when each district presented their individual plans.

Commissioner Hoen questioned why Lake Stevens was in the Marysville Plan. Ms. Gemmer explained the reason for this; being the boundaries don't always neatly coincide with City limit boundaries. Director Koenig added that school district boundaries are separate from City boundaries, and that as the City has grown, it has grown into other school district boundaries.

Public Comment – None

**Motion** made by Commissioner Richards, seconded by Commissioner Smith, to forward this to the City Council with a recommendation for approval. **Motion** passed unanimously (7-0).

The public hearing was closed at 7:15 p.m.

## **NEW BUSINESS**

### Water Comprehensive Plan

Mr. Morrison began an explanation of the Comp Plan and described the update process for the plan. Mr. Morrison gave a presentation of the current water service provided by the City, including the current water service area and types of connections, as well as consumption history and demand and projected consumption for the future. He then

described the proposed improvements to the water system that would be required in the future and the costs associated with those improvements. Mr. Morrison explained that the plan focused on the use of City sources in order to limit the reliance on the Everett system, which comes at a much higher cost.

Chair Leifer questioned a recent Tribe funded water main and how the diversion to the Tribes would be reduced. Morrison and Laycock commented that once that line went active, it would likely reduce the City's contribution. Chair Leifer also asked if the water system contributed to the general fund or if rates were just enough to cover costs. Mr. Morrison and Laycock explained that the capital fees funded the infrastructure and that the rates covered the needs of the system.

Commissioner Richards questioned what the Arlington Christian School box on the map meant. Mr. Morrison explained that they receive water from Marysville. He also questioned whether fluoride in City water was necessary. Mr. Morrison commented that Marysville does not fluoridate its water, though the Everett water supply does. Ms. Chennault added that there is not a hard boundary between water systems, so it is difficult to tell the percentage of fluoride. Generally, the further north you are in the City, the less fluoride in the water.

Mr. Laycock discussed the work being done to ensure adequate supply and flow in the 83<sup>rd</sup> and 87<sup>th</sup> Ave. area to accommodate the expected development in that area. There was discussion about any plans to increase pressure north of 100<sup>th</sup> Street. Ms. Chennault noted that the plan had looked for any deficiencies throughout the City and that any areas with psi below 40 had been identified. The area Chair Leifer mentioned was approximately 55 psi, so was not identified as deficient in the plan.

It was noted that there was sufficient water for the anticipated population growth.

#### Stormwater Comprehensive Plan

Mr. Eyer described the current stormwater system. The system is regulated by DOE. He explained that we are in the middle of a permit cycle, so the planned goals are to look at any deficiencies in the system and how to correct them. The entire system underwent analysis and concerns were identified. He overviewed the results of the analysis, including a total of 25 projects identified. A six year plan was developed to address the 25 projects identified as well as the potential funding sources to address the issues identified. Mr. Eyer overviewed each of the projects. He explained the financial review included in the plan.

Commissioner Thetford questioned if the total for the water treatment facility project included the grant funds. Mr. Eyer replied that it did, and if the grant funding were not received, the project would not be feasible without a grant.

Commissioner Whitaker asked if the list of CIP projects submitted with the Municipal Permit annual reports to DOE were included in the Surface Water Plan update. Mr. Eyer responded that the stormwater comp plan was a bit unlike the water and sewer comp

plans in that there is not a RCW requirement or permit requirement to include that and that was why they tried to streamline it and not include anything that was not useful.

Chair Leifer questioned the remaining capacity in the stormwater ponds. Mr. Eyer replied that Pond 1 is at capacity, and Pond 2 had 147 acres of developable land capacity still available. There was discussion on whether pond 1 acreage that had been paid for but that was not currently being used. Ms. Chennault added that the ordinance required a building permit be obtained in order to buy into the pond and that many properties obtained a grading permit, but did not necessarily have civil plans or an actual planned project at this time. Low Impact Design methodologies were discussed including how the expected new requirements to utilize these methodologies would affect someone that had already bought into the pond. Ms. Chennault responded that the ponds themselves are a low impact development feature and that she was hopeful this fact could be utilized to meet some of the requirements.

Chair Leifer commended staff on the work and thoroughness of the presentations.

## **CITY COUNCIL AGENDA ITEMS AND MINUTES**

### **ADJOURNMENT**

**Motion** made by Commissioner Richards, seconded by Commissioner Thetford, to adjourn the meeting at 7:51 p.m. **Motion** passed unanimously.

**NEXT MEETING** – November 22



---

Amy Hess, Recording Secretary



# PLANNING COMMISSION



# MINUTES

January 10, 2017

7:00 p.m.

City Hall

## CALL TO ORDER

Chair Leifer called the January 10, 2017 meeting to order at 7:00 p.m.

### Marysville

**Chairman:** Steve Leifer

**Commissioners:** Roger Hoen, Jerry Andes, Kay Smith, Kelly Richards, Brandon Whitaker

**Absent:** Commissioner Tom Thetford (excused)

**Staff:** Community Development Director Dave Koenig, Senior Planner Angela Gemmer, Senior Planner Cheryl Dungan, Project Engineer Ryan Morrison, Surface Water Specialist Mathew Eyer

## APPROVAL OF MINUTES

### December 13, 2016

Commissioner Richards noted he would be abstaining from the vote as he was not present at the December 13 meeting.

**Motion** made by Commissioner Hoen, seconded by Commissioner Andes, to approve the December 13, 2016 Meeting Minutes. **Motion** passed (5-0) with Commissioner Richards abstaining.

## AUDIENCE PARTICIPATION

Evan Kaiser, 2910 73<sup>rd</sup> Avenue NE, Marysville, WA, commented that when information is submitted to the Planning Commission all the pertinent documents should be submitted. He suggested that the Planning Commission conduct research on what other cities are doing when working on their codes. He asked if he could send emails to the

Planning Commission through Janis at the Planning Department and expect a reply in a reasonable time period. Chair Leifer replied that would be appropriate.

## **PUBLIC HEARING**

### **A. City of Marysville – Water System Plan**

Project Engineer Ryan Morrison made a PowerPoint presentation reviewing the Water System Plan Update.

Chair Leifer asked about adequate pressures for fire suppression equipment in the area north of 116<sup>th</sup> up to 152<sup>nd</sup> as referred to in his discussions with the fire marshal. His understanding is that there is still an issue with adequate pressure and fire flow. Project Engineer Morrison said he wasn't aware of any broad low pressure issues or fire flow issues in that area. Chair Leifer commented he heard there is a marginal amount of flow available. Project Engineer Morrison reviewed fire flow requirements and data and explained that the consultant highlighted deficiencies as part of the Water Plan but that area was not highlighted. Chair Leifer asked about the commercial industrial area. Project Engineer Morrison reviewed the commercial fire flow requirements. Chair Leifer summarized that the maximum they can get out of these is 2000 gpm, but the requirement is 2500 gpm. Project Engineer Morrison explained that that the maximum is calculated per port, but it is expected that there will be multiple hydrants which makes it workable.

Commissioner Hoen expressed concern about involvement of water drawing agencies in the water system plan update. Project Engineer Morrison replied that all the surrounding jurisdictions as well as the Department of Health have copies of this Plan and are invited to review and comment. This is the same for other jurisdictions. They are also in communication with the Fire Department about the fire flow.

Commissioner Hoen asked about the status of the water lines in the City. Project Engineer Morrison replied that most of the water main is ductile iron, but some of it is asbestos cement or cast iron. Asbestos cement is the oldest portion. This is on a schedule for maintenance as part of the renewals and replacement. They are replaced depending on prioritization and budgeting. Commissioner Hoen asked if available water for the system was predicted to be adequate through 2036. Project Engineer Morrison affirmed that it is.

Commissioner Richards asked if the Sunnyside Well will relieve the city of the need for Everett water. Project Engineer Morrison replied that it will not, and the City will want to keep that intertie in place. Commissioner Richards suggested talking to Everett about stopping adding fluoride to the water.

The public hearing was opened at 7:20 for public testimony. Hearing no comments, the hearing was closed at 7:20 p.m.

Commissioner Hoen noted that there are several areas that are expanding in Lakewood. He asked if staff believes there is adequate water planned to get water to the new facilities. Project Engineer Morrison affirmed that there is.

**Motion** made by Commissioner Richards, seconded by Commissioner Smith, to forward this item to Council with a recommendation for approval. **Motion** passed unanimously (6-0).

#### B. City of Marysville – Surface Water Comprehensive Plan

Surface Water Specialist Matthew Eyer made a presentation reviewing the Surface Water Comprehensive Plan Update. He explained that there are 25 projects identified as needed in the future. Five major projects have been identified for the next six years: Historic Downtown Green Retrofit Study, Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue, Water Quality Treatment Facility at Downtown Marina Outfall, Conveyance for Regional Pond 2, and Edgecomb Creek Regional Detention Facility. The simplified financial review showed that the 2% annual rate increase will cover the operating increase, but not the capital projects.

Commissioner Hoen asked if the impact fees are adequate. Senior Planner Gemmer stated that impact fees are not expected to cover all expenses. Other funding mechanisms help finance projects.

Chair Leifer asked about the area near 152<sup>nd</sup> near the Edgecomb detention pond. He asked if the total anticipated volume has taken into account the requirements for Low Impact Development and that a portion of the water will be going into the ground. Surface Water Specialist Matthew Eyer stated that would be taken into consideration going forward with any new pond. Staff hasn't looked into how a new pond would look under the new manual. As it currently stands, the pond is designed to take all the water from all the sites.

Chair Leifer asked about money for realignment of Edgecomb Creek. He asked if a route has been established. Surface Water Specialist Matthew Eyer clarified it was Hayho Creek which is the barrier, not Edgecomb. Edgecomb Creek has some theoretical language in the Comprehensive Plan about the potential realignment. Senior Planner Dungan explained that Otak developed a plan on possibilities for that. She explained that during the recession a lot of the properties went back to the banks. The City backed away from this due to lack of interest from the property owners and is no longer pursuing it at this time.

The public hearing was opened at 7:41 for public testimony. Hearing no comments, the hearing was closed at 7:41 p.m.

**Motion** made by Commissioner Andes, seconded by Commissioner Richards, to forward this item to Council with a recommendation for approval. **Motion** passed unanimously (6-0).

## **NEW BUSINESS**

### **A. Code Amendment – Flagpoles**

Senior Planner Gemmer reviewed the proposed amendments to how the City deals with flags and flagpoles. She reviewed background on this item and explained that the majority of Washington jurisdictions researched are silent on flagpole regulations with the exception of Spokane. Staff is proposing regulations adapted from Spokane's. She reviewed three different options for flagpole definitions. She also reviewed other proposed changes.

There were clarification questions regarding the language under 22C.010.220 Height-Exceptions to limits (3). Staff noted they would review the language for clarifications.

Commissioner Richards asked how tall a flagpole could be on top of his house. Director Koenig replied they would look into that, but currently it would be as high as the zone allows.

Commissioner Andes referred to the proposed language for setbacks and suggested they just keep it the same as the property setbacks. Senior Planner Gemmer indicated they could, but noted that some setbacks are much bigger, up to 20 feet. Commissioner Andes recommended keeping it the same as building setbacks to keep it simple.

Commissioner Hoen asked about vertical sail-type flags that he has seen around which are used for advertising. Senior Planner Gemmer replied that those are generally prohibited in the code and present an ongoing code enforcement issue. They are considered signs, not flags.

Chair Leifer referred to item 11 under 22C.160.180 Exemptions in the Sign Code and stated he would like to see preference given to the United States flag by giving it an additional height allowance above and beyond all others. Director Koenig commented that the intent is not to get into regulating college flags, 12<sup>th</sup> man flags, etc. The etiquette of flags requires that the US flag is to be flown on top above all others. Language relating to this can be added.

Commissioner Richards agreed with the standard regarding the US flag, but noted that people will use this as a statement. Senior Planner Gemmer suggested getting legal guidance on whether or not this is something that can be regulated.

### **B. 2017-2022 - - Draft Capital Facilities Plan**

Senior Planner Dungan introduced the Capital Facilities Plan for 2017-2022 as contained in the Planning Commission packet.

Commissioner Whitaker asked how the projects are prioritized. Senior Planner Dungan stated that there is a rating system within the City's database to help determine this. The plan is changed every two years in response to changes in these priorities.

Commissioner Whitaker asked what is behind the justification for moving forward with the project. Senior Planner Dungan replied that they are policies and goals that are outlined in the Comprehensive Plan and through the Growth Management Act. Commissioner Whitaker asked how estimates are made for construction of projects that are out in the future. Senior Planner Dungan replied that they are based on best case estimates.

Commissioner Richards noted that some of these are budgeted for, but some are not. Senior Planner Dungan explained that they will be depending on grant funding for a lot of things.

Commissioner Hoen noted that sidewalks continue to be discussed as something that is lacking in the City. He asked if there is part of a plan that says we are going to do a certain amount of sidewalks. Senior Planner Dungan replied that there is an allowance for sidewalks in the maintenance code. In the zoning code under residential density incentives there are additional bonus credits given to developers if they do off-site sidewalk improvements. Senior Planner Gemmer commented that with any new projects there is an expectation that frontage improvements will be done. Moving forward the situation should be improving. Also, in the existing Transportation Plan which was adopted in 2015 there is prioritization of where the City wants sidewalks constructed.

Chair Leifer referred to the potential options for improvements around Geddes Marina and asked if the third one assumes that the previous ones were completed. Senior Planner Dungan explained that there are steps that need to be completed. Cleanup of the site is the first step. The park will likely be constructed in phases as funding allows. Director Koenig explained that this reflects the Council's direction relating to the budget. Senior Planner Dungan commented that the Capital Facilities Plan as presented was adjusted to address Council's wishes related to budget discussions.

Chair Leifer commented that it appears that the improvements to Public Works would allow the existing building to be utilized by other uses, and a new facility for Public Works would be constructed. Director Koenig didn't think there was a new facility or expansion planned for Public Works. Senior Planner Dungan commented that Sanitation is relocating some of their trucks onto the old mill site that is adjacent.

Chair Leifer asked if Public Safety is the planned site for the new facility. Director Koenig commented that they don't have a site yet for the new facility, but there are also some fire uses there. He noted that this project is complicated by the Regional Fire Authority issue right now.

Commissioner Andes asked if water and road improvements would be done at the same. Senior Planner Dungan replied that typically they would be, but noted that someone from Public Works will be present at the hearing to answer questions.

**Motion** made by Commissioner Richards, seconded by Commissioner Andes, to schedule this for a public hearing. **Motion** passed unanimously (6-0).

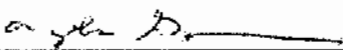
## CITY COUNCIL AGENDA ITEMS AND MINUTES

### ADJOURNMENT

**Motion** made by Commissioner Smith, seconded by Commissioner Richards, to adjourn the meeting at 8:28 p.m. **Motion** passed unanimously (8-0).

### NEXT MEETING:

January 24, 2017

  
\_\_\_\_\_  
Angela Gemmer, Senior Planner, for  
Laurie Hugdahl, Recording Secretary

**CITY OF MARYSVILLE**  
**Marysville, Washington**

**ORDINANCE \_\_\_\_\_**

**AN ORDINANCE OF THE CITY OF MARYSVILLE, WASHINGTON,  
ADOPTING AN UPDATE TO THE CITY'S SURFACE WATER  
COMPREHENSIVE PLAN.**

**WHEREAS**, the Marysville City Council finds that it is necessary, appropriate, and in the public interest and welfare to promote and provide needed public storm and surface water facilities, as well as other stormwater related programmatic services and capabilities, to address existing drainage problems, and to allow continued future development throughout the City; and

**WHEREAS**, the City of Marysville's existing Surface Water Management Plan was approved by Ordinance No. 2808 on December 14, 2009; and

**WHEREAS**, the City of Marysville commissioned a qualified consultant (Gray and Osborne, Inc.) to prepare an update to the Surface Water Management Plan, which Plan is now being referred to as the Surface Water Comprehensive Plan Update; and

**WHEREAS**, following public notice, on December 7, 2016, the City issued Addendum No. 27 to the Final Environmental Impact Statement for the City of Marysville Comprehensive Plan, addressing the environmental impacts of the Surface Water Comprehensive Plan Update;

**NOW THEREFORE**, the City Council of the City of Marysville, Washington, do ordain as follows:

**Section 1.** The City of Marysville Surface Water Comprehensive Plan Update, prepared by Gray & Osborne, Inc. and dated December 2016, is hereby adopted as set forth in the attached Exhibit A. A copy of the Surface Water Comprehensive Plan Update shall be made available for inspection and review at the office of the City Clerk and the office of Community Development.

**Section 2.** **Severability.** If any section, subsection, sentence, clause, phrase, or word of this ordinance is held to be invalid or unconstitutional by a court of competent jurisdiction, such invalidity or unconstitutionality thereof shall not affect the validity or constitutionality of any other section, subsection, sentence, clause, phrase, or word of this ordinance.

**Section 3.** **Effective Date.** This ordinance shall become effective five days after the date of its publication by summary.

PASSED by the City Council and APPROVED by the Mayor this \_\_\_\_ day of \_\_\_\_\_, 2017.

CITY OF MARYSVILLE

By \_\_\_\_\_  
MAYOR

ATTEST:

By \_\_\_\_\_  
DEPUTY CITY CLERK

APPROVED AS TO FORM:

By \_\_\_\_\_  
CITY ATTORNEY

Date of Publication:

Effective Date:



# CITY OF MARYSVILLE

SNOHOMISH COUNTY

WASHINGTON



## SURFACE WATER COMPREHENSIVE PLAN UPDATE

G&O #15550  
DECEMBER 2016



**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS

# CITY OF MARYSVILLE

SNOHOMISH COUNTY

WASHINGTON



## SURFACE WATER COMPREHENSIVE PLAN UPDATE



G&O #15550  
DECEMBER 2016



**Gray & Osborne, Inc.**  
CONSULTING ENGINEERS

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## CHAPTER 1

### INTRODUCTION

Prior to the late 1970s, stormwater management in the U.S. and specifically the Puget Sound region consisted primarily of conveying runoff away from developed areas in order to preserve the health and safety of citizens and protect property, both public and private. Drainage improvement projects addressed large storm events and local flooding with little thought for upstream, downstream, or environmental impacts. With the passage of the Clean Water Act in 1972, completion of the Nationwide Urban Runoff Program in 1983, and subsequently other federal and state laws, the cumulative effects of smaller storms in developed/urbanized areas were formally recognized as a major contributor to water quality and habitat degradation.

Stormwater runoff picks up and carries sediment and pollutants from exposed construction sites and agricultural areas and pollutants from residential, commercial, and industrial developments. Pollutants in stormwater runoff include metals such as lead, cadmium, and copper; oil and grease; pesticides and fertilizers; nutrients; suspended solids; and harmful bacteria. In addition, urbanization increases the amount of impervious surfaces such as rooftops, streets, and parking areas. Impervious surfaces directly relate to an increase in runoff volumes and peak flow rates. The pollutant loads and increased volumes of stormwater runoff result in negative impacts to downstream properties and surface water bodies such as lakes, streams, and wetlands and reduced infiltration to groundwater. Due to regulations required under the Clean Water Act and the listing of anadromous (salmon, trout, char) species under the Endangered Species Act, it has become increasingly important for municipalities to implement stormwater quality and quantity (flow) control measures.

The City of Marysville last adopted its Surface Water Comprehensive Plan in 2009. The City population has grown from approximately 25,000 in 2002 to approximately 63,000 today, primarily through annexation. A significant portion of this growth has occurred since the completion of the 2009 Surface Water Comprehensive Plan when the City annexed the majority of its Urban Growth Area (UGA) in December of 2009.

### PURPOSE

The City of Marysville Surface Water Comprehensive Plan (Plan) is a planning document that provides guidance to minimize adverse effects of stormwater runoff on ground and surface water in a manner that complies with federal, state, and local surface water regulations. It identifies water quality and quantity problems associated with stormwater runoff that may affect the environment and community, and provides recommendations for improvements and programs including a financial analysis and implementation schedule.

The Plan identifies specific structural and nonstructural solutions to quantity and water quality problems within the City. Structural solutions include construction of capital projects such as stormwater detention and treatment facilities, infiltration facilities, pipelines, and culverts. Nonstructural solutions include stormwater management facility inspection and maintenance, public education and outreach, water quality monitoring, implementation of best management practices (BMPs), and regulations encouraging vegetation preservation and low impact development.

## **GOALS**

As additional development and redevelopment occur within the City, the amount of naturally vegetated areas will decrease while the amount of impervious surfaces will increase, leading ultimately to increased peak runoff rates and transport of more pollutants to the City's streams, wetlands, and rivers.

The primary goal of the Marysville Stormwater Comprehensive Plan is to provide guidance to the City Council, staff, and citizens to preserve and protect the water quality and hydrologic regime within the City's natural and manmade surface and stormwater drainage system, and the major receiving waters, Ebey Slough and the Snohomish River.

To this end, the City intends to manage land development and stormwater programs to preserve natural areas, minimize contact with contaminants, mitigate the impacts of increased runoff, enforce the City's National Pollutant Discharge Elimination System (NPDES) permit conditions and erosion control BMPs on construction sites, and to preserve fish and wildlife habitat. The City's implementation of the Plan will meet the goals to protect the health, safety, and welfare of the local citizenry and to preserve surface water resources within the City.

## CHAPTER 2

### SERVICE AREA CHARACTERISTICS

#### LOCATION

The City of Marysville (City) was officially incorporated in Washington State in 1891 with a population of 350. It is located in Snohomish County, approximately 5 miles north of Everett and directly borders the City of Arlington to the north. The City's current boundary and Urban Growth Area (UGA) encompass approximately 21 square miles of land. Interstate 5 and State Routes 531, 528, and 539 pass through the City, while State Route 9 provides the border to the east. The Burlington Northern Santa Fe Railroad also runs north/south through the City. Figure 2-1 provides a vicinity map of the area.

Marysville is the second largest city in Snohomish County. Per the census conducted in 2010, the population was approximately 60,000, representing 8.4 percent of the total population of Snohomish County. In 2015, the population was estimated to be 65,000.

#### TOPOGRAPHY

Marysville lies between the Puget Sound and the Central Cascade Mountains, with Mount Pilchuck being a prominent fixture on the horizon. The south end of the City sits along Ebey Slough just before it discharges into Possession Sound along with Steamboat Slough and the Snohomish River (see Figure 2-2). The elevation within the City gradually slopes north to south along the I-5 corridor from 160 feet in the north end of the City to 5 feet at Ebey slough in the south end. This area is known as the Marysville Trough, which is an alluvial plain that runs through much of the City. The Tulalip Plateau borders the Marysville Trough to the west, and to the east is the Getchell Hill Plateau, reaching a maximum elevation of 465 feet on the eastern border of the Marysville city limits. In the Smokey Point neighborhood, on the north end of the city, the trough continues well beyond the City limits, maintaining fairly flat terrain throughout.

#### DRAINAGE BASINS

The City of Marysville is located within the Snohomish River Drainage Basin within Water Resource Inventory Area 7 (WRIA 7), the second largest watershed in the state. The basin encompasses 1,978 square miles west of the Cascade crest. As shown in Figure 2-3, four smaller drainage basins have been delineated around the City's drainage infrastructure: Quilceda Creek, Allen Creek, King Creek, and Ebey Slough. All four of these basins empty into Ebey Slough, which then joins with the Snohomish River near its drainage point into Possession Sound.

Quilceda Creek Basin encompasses 36.6 square miles, 9.3 square miles of which are located in the City and is the largest basin within the City. It runs north-south on the east side of the City and is predominately located within the Marysville Trough. It generally consists of till and outwash soils. Although outwash soils usually drain well, high groundwater in the winter months creates saturated soil conditions that impedes infiltration, and commonly results in a high rate of surface water runoff.

The second largest basin that lies within the Marysville UGA is the Allen Creek Basin. It has an overall area of 10.4 square miles, 7.7 of which are within the UGA boundary. The Allen Creek Basin makes up a large portion of the southeastern part of the City, having most of its area on the Getchell Plateau. The soils in the Allen Basin are very similar to that of the Quilceda Basin and have similar surface water runoff issues caused by high groundwater.

The other two basins, Ebey Slough Basin and King Creek Basin, are significantly smaller than the Quilceda and Allen Creek Basins, only making up 1.9 and 2.9 square miles respectively. The Ebey Slough Basin is contained entirely within the Marysville city limits on the south end and sits mostly within the Marysville Trough. The Sunnyside Basin sits atop the Getchell Plateau and extends south from the edge of the Marysville City limits with approximately half the basin contained within the city limits.

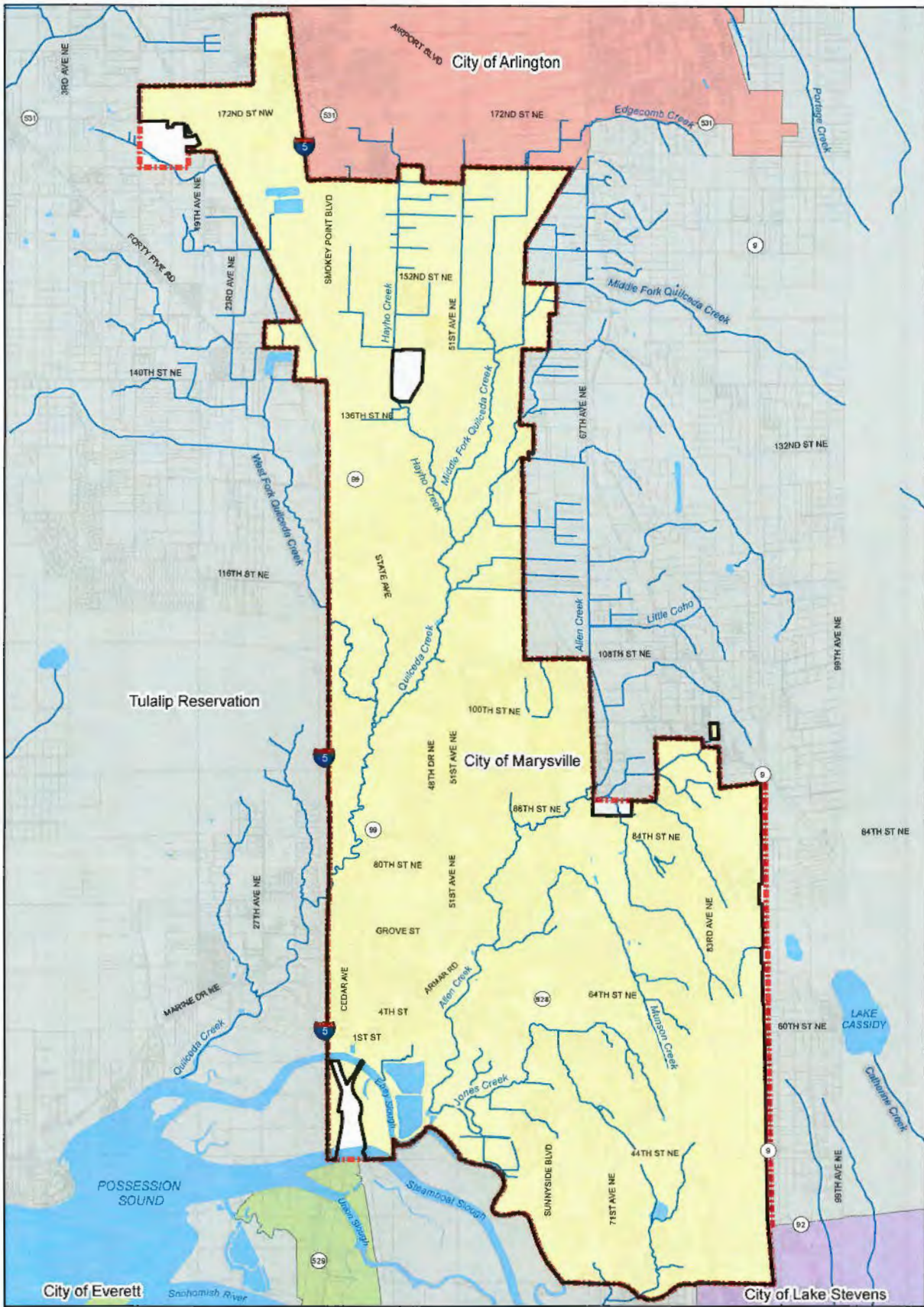
## **WATERWAYS AND WATER BODIES**

The City of Marysville contains many waterways, most of which are within the Quilceda Creek and Allen Creek Basins. These waterways have been manipulated and channelized over the years and are highly susceptible to environmental problems such as pollution, erosion, and flooding. Non-point source pollution from agriculture and urban development have increased the presence of pesticides, animal waste, chemical fertilizers, sediments, heavy metals, detergents, and petroleum. Allen Creek and Quilceda Creek have been placed on Washington State's 303(d) list for fecal coliform, which requires them to have Total Maximum Daily Load (TMDL) cleanup plans. Low dissolved oxygen levels are also a concern in the summer months and can compromise crucial fish and wildlife habitat.

The Quilceda and Allen Creek systems are within the Tulalip Tribes' usual and accustomed fishing areas. Land use within these systems is therefore governed by a variety of tribal, state, county, and city governments.

## **SOILS**

The soils of Snohomish County were surveyed by the United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS). The NRCS website indicates 22 soil types within the UGA of Marysville, as shown in Figure 2-4 and Table 2-1.

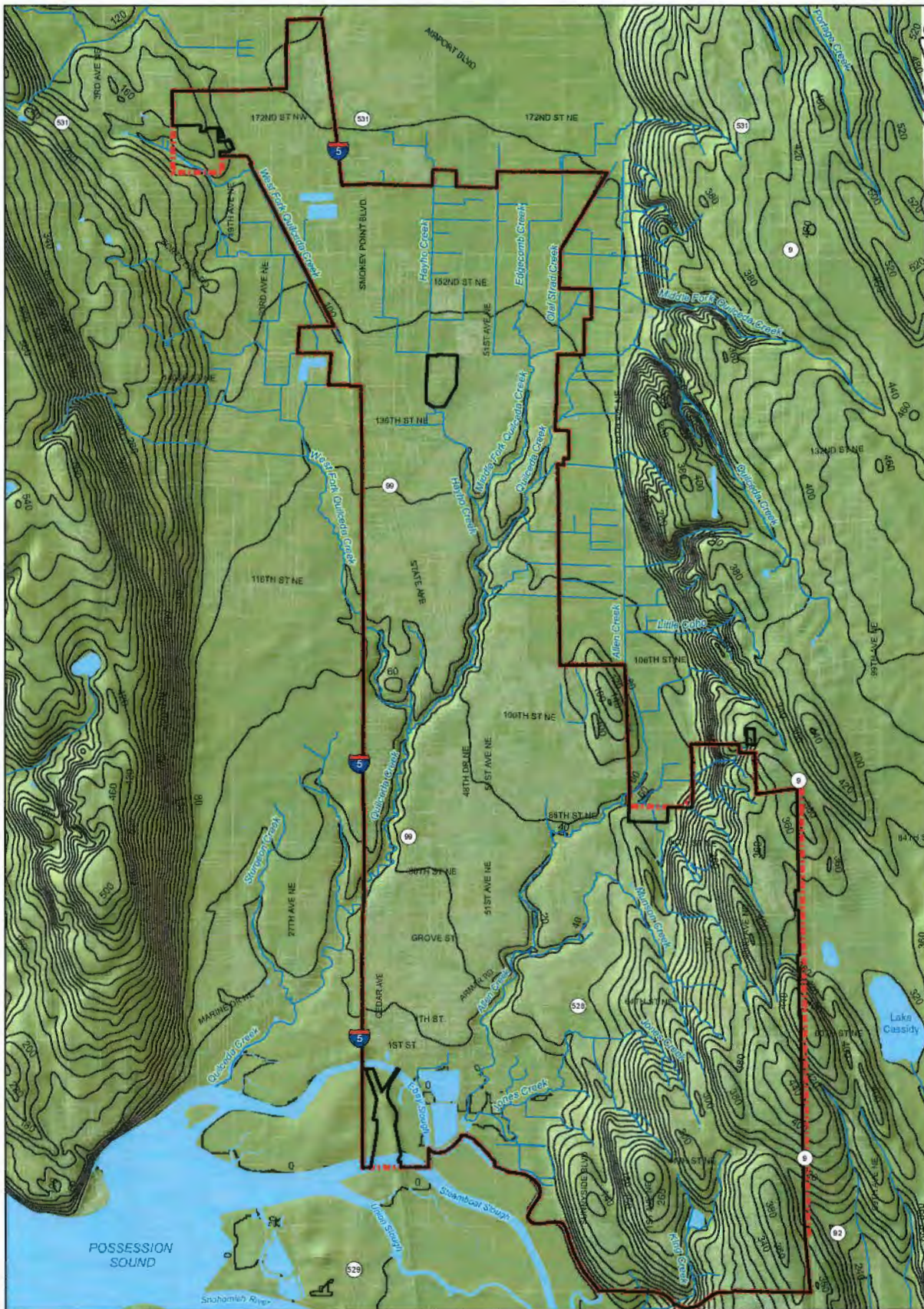


<b>Cities</b>	Marysville City Limits	Streams
Arlington	Urban Growth Boundary	Water Bodies
Everett		
Lake Stevens		
Marysville		

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**VICINITY MAP**  
FIGURE 2-1



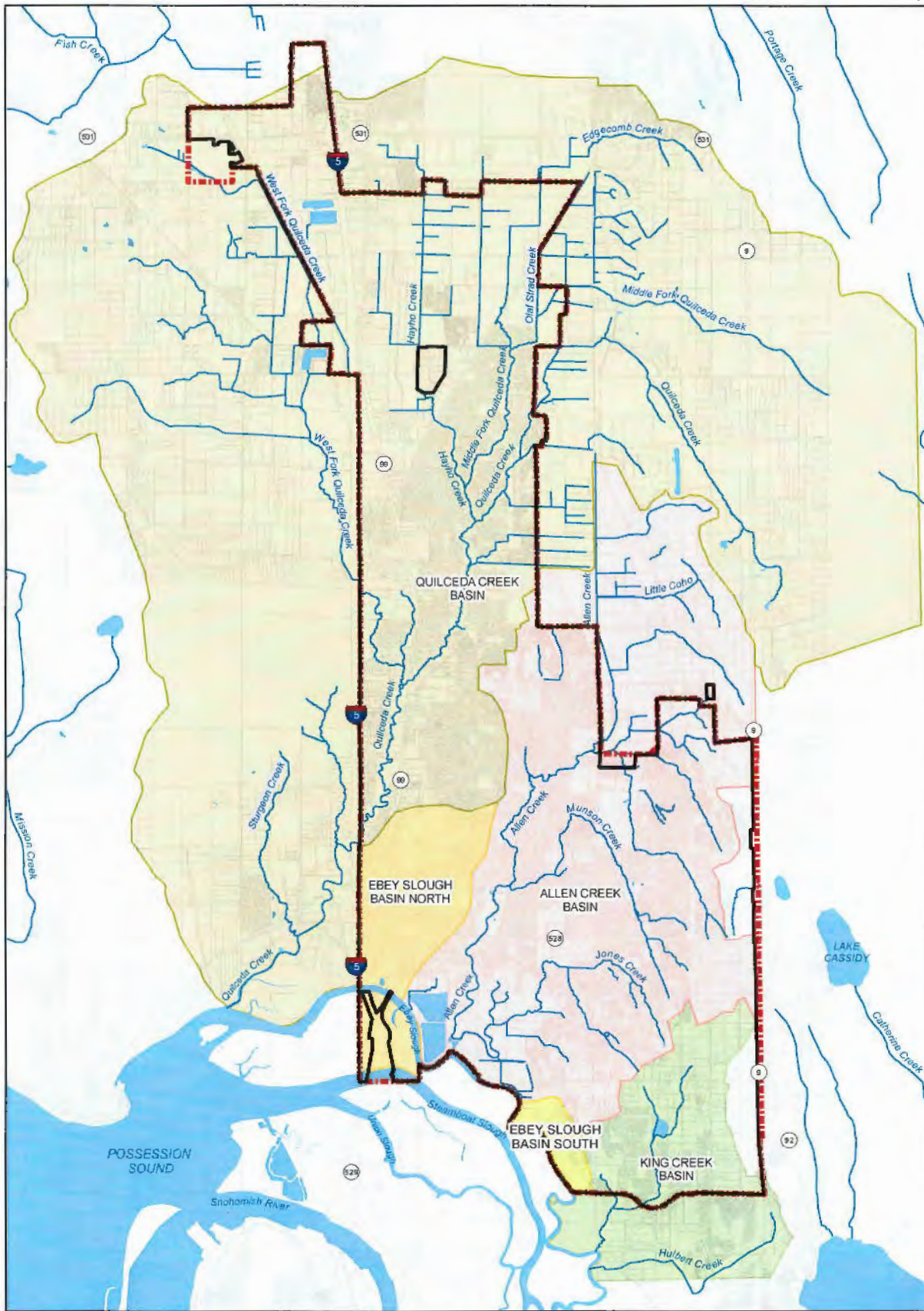


- Marysville City Limits
- Urban Growth Boundary
- 20 ft. contours
- Streams
- Water Bodies



2016 SURFACE WATER  
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**TOPOGRAPHY MAP**  
FIGURE 2-2



<b>Basin Name</b>	— Marysville City Limits
Allen Creek Basin	Urban Growth Boundary
Ebey Slough Basin North	Water Bodies
Ebey Slough Basin South	Streams
King Creek Basin	
Quilceda Creek Basin	



2016 SURFACE WATER  
COMPREHENSIVE PLAN UPDATE

**DRAINAGE BASINS MAPS**  
FIGURE 2-3

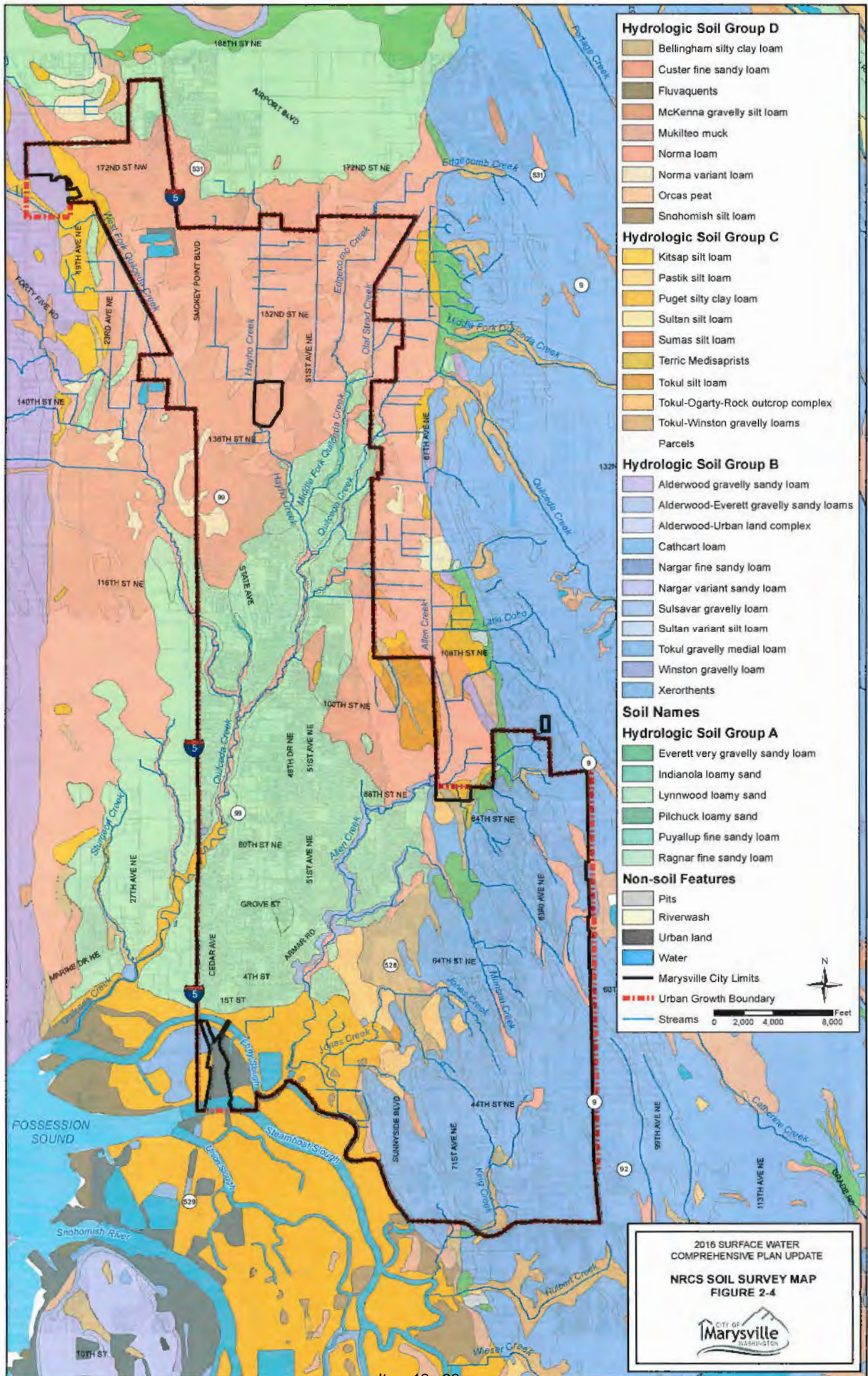




TABLE 2-1

## Soil Characteristics

Soil	Hydrologic Soil Group	Drainage Class Rating
Alderwood gravelly sandy loam	B	Moderately well drained
Alderwood-Everett gravelly sandy loams	B	Moderately well drained
Bellingham silty clay loam	C/D	Poorly drained
Custer fine sandy loam	C/D	Poorly drained
Everett very gravelly sandy loam	A	Somewhat excessively drained
Indianola loamy sand	A	Somewhat excessively drained
Kitsap silt loam	C	Moderately well drained
Lynnwood loamy sand	A	Somewhat excessively drained
McKenna gravelly silt loam	D	Poorly drained
Mukilteo muck	B/D	Very poorly drained
Norma loam	B/D	Poorly drained
Norma variant loam	C/D	Poorly drained
Pastik silt loam	C	Moderately well drained
Puget silty clay loam	C	Poorly drained
Ragnar fine sandy loam	A	Well drained
Snohomish silt loam	D	Poorly drained
Sumas silt loam	C	Poorly drained
Terric Medisaprists	C	Very poorly drained
Tokul silt loam	C	Moderately well drained
Tokul gravelly medial loam	B	Moderately well drained
Tokul-Winston gravelly loams	C	Moderately well drained
Xerorthents	B	Well drained

The Soil Classification System (SCS) classifies soils, from A to D, according to runoff potential. Type A has low runoff potential and high infiltration rates even when thoroughly wetted, and mostly consists of well to excessively drained sands or gravels. Type B consists of moderately well to well drained soils with moderately fine to moderately coarse texture and moderate infiltration rates when thoroughly wetted. Type C has low infiltration rates when thoroughly wetted with moderately fine to fine textured soils, and often have a layer that impedes downward movement of water. Type D has the highest runoff potential and very low infiltration rates when thoroughly wetted. It consists of clay soils with high swelling potential, soils with a permanent high water table, soils with a claypan or clay layer at or near the surface, and shallow soils over nearly impervious material. The SCS also provides information pertaining to the physical and chemical properties of the soils, including drainage class, which refers to the frequency and duration of wet periods under conditions similar to those under which the soil formed.

The northern region of the city predominantly contains low infiltration Type C and D soils.

The central area consists mostly of type A soils and the southeastern area consists mostly of type B soils, both having high to moderate infiltration and lower potential for runoff.

## POPULATION TRENDS

Residential population for the City was estimated by the United States Census to be 60,202 in 2010. Per the City's 2015 Comprehensive Plan, it is estimated that approximately 65,000 people live within the City. The City Plan also creates a 20-year population growth target which estimates approximately 87,000 people in 2035. This estimate is based upon available land areas and existing zoning classifications within the City and UGA. Census data, proposed new residential units and sensitive areas were factored into the development of the growth rate.

Table 2-2 summarizes the historic population estimates based on the U.S. Census as well as the forecasted population estimates from the City's current Comprehensive Plan.

**TABLE 2-2**

### Population

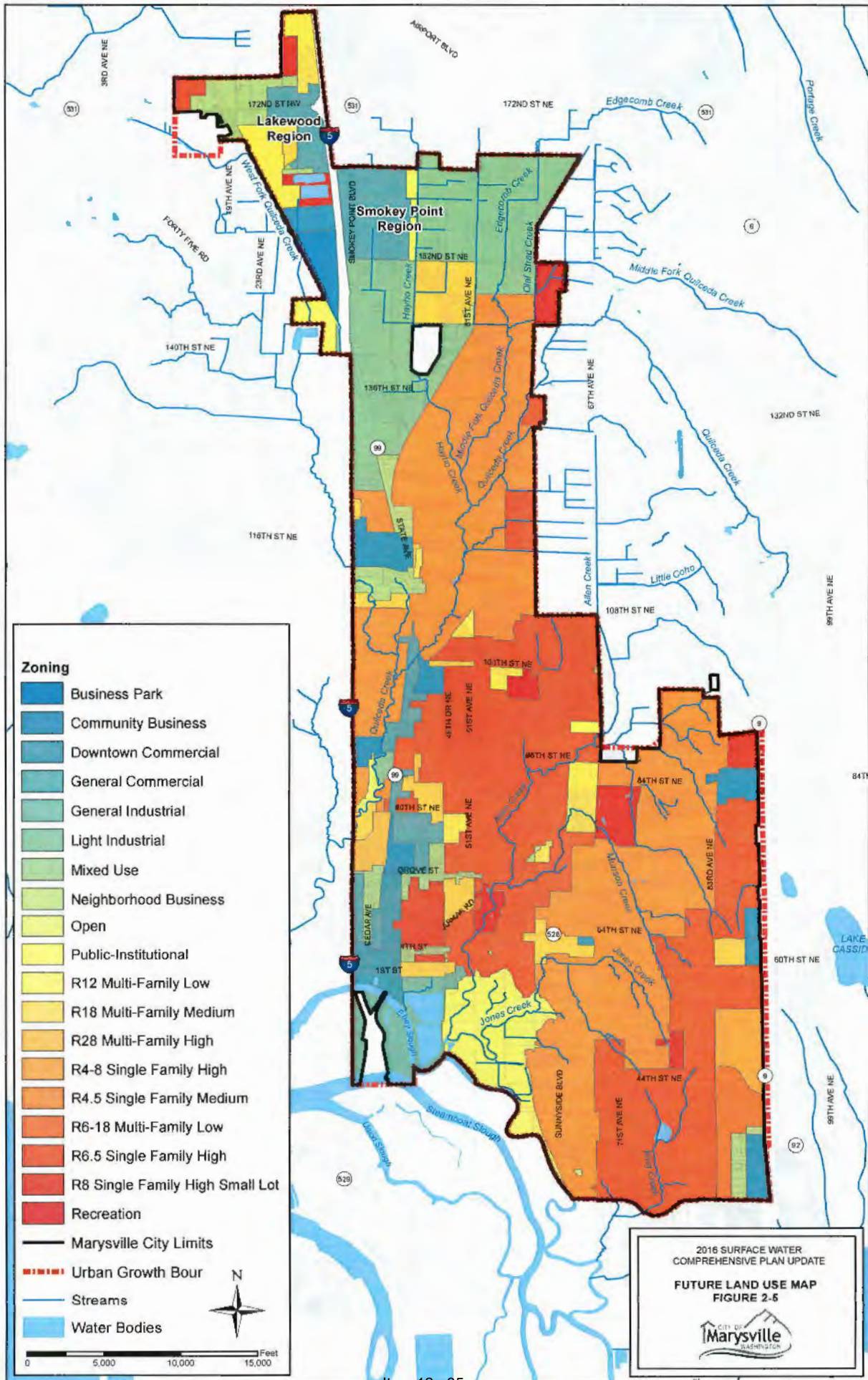
Year	Population
1980	5,080
1990	10,328
2000	25,315
2010	60,202 <sup>(1)</sup>
2015	65,087 <sup>(1)</sup>
2035	87,800 <sup>(1)</sup>

(1) Estimated.

## ZONING AND LAND USE

The population in Marysville grew by approximately 137 percent between the year 2000 and 2010. Land use and zoning play an important role in determining growth patterns and, therefore, in the potential locations of future storm water facilities. Future land use and changing population densities, as directed by applicable zoning ordinances, can significantly impact a system's ability to provide adequate services to specific areas.

Marysville has a combination of residential, commercial, industrial and open space land uses as shown in Figure 2-5. This figure provides a map of future land use for the City as shown in the City's 2015 Comprehensive Plan. Residential zones make up two thirds of the Marysville UGA, and are positioned in the central and southeastern regions, with a small region in the Lakewood area as well. The open space areas are spread throughout the City, with the largest located in the south end of the City where Jones Creek and Allen Creek discharge into Ebey Slough.



The vast majority of the commercial and industrial property is on the west side of the City along I-5. New commercial and industrial development is occurring in the Lakewood and Smokey Point neighborhoods in the north, and in the Downtown area, located in the south end of the City. The development in the Smokey Point region has potential to have significant stormwater implications, as much of that land is currently being used for agriculture, but is zoned light industrial and could soon experience a significant increase in impervious surface. This change in impervious surface will require extensive storm water management to mitigate flooding and pollution of surface waters in the upper reaches of the Quilceda Creek Basin.

The land use classifications within the City are shown in Table 2-3.

**TABLE 2-3**

**Land Use**

<b>Land Use Category</b>	<b>Acreage</b>
R12 Multi-Family Low	362
R18 Multi-Family Medium	478
R28 Multi-Family High	71
R6-18 Multi-Family Low	156
R4.5 Single-Family Medium	3,948
R6.5 Single-Family High	3,441
R4-8 Single-Family High	142
R8 Single-Family High Small Lot	209
Business Park	92
Community Business	435
Downtown Commercial	162
General Commercial	650
General Industrial	324
Light Industrial	1,369
Neighborhood Business	15
Mixed Use	456
Public-Institutional	77
Recreation	340
Open	526

Overall, the city is 66.5 percent residential, 26.4 percent commercial and industrial, and 7.1 percent public land, recreation, and open space.

## CLIMATE

Marysville receives an average of 37.5 inches of rain per year, two thirds of which falls in October through March. Table 2-4 provides historical monthly averages for temperature and precipitation as reported by NOAA from the Arlington Municipal Airport Weather Station.

**TABLE 2-4**

**Average Monthly Climate Data**

Month	High Temp.	Low Temp.	Precipitation (in.)
Jan	46°F	34°F	4.37
Feb	49°F	35°F	3.41
Mar	53°F	37°F	3.86
Apr	58°F	41°F	2.96
May	64°F	46°F	2.57
Jun	68°F	51°F	2.26
Jul	73°F	54°F	1.32
Aug	74°F	54°F	1.35
Sep	69°F	49°F	2.09
Oct	60°F	42°F	3.25
Nov	51°F	37°F	5.11
Dec	45°F	34°F	4.99
<b>Total</b>			<b>37.54</b>

## CRITICAL AREAS

The City of Marysville Municipal Code (MMC 22E.010), identifies three categories of critical areas within its UGA: Wetlands, Fish and Wildlife Habitat areas, and Geologic Hazard Areas. These areas require special considerations and protections in order to preserve the functions that benefit the City and its residents, and to protect public health and safety from potential hazards. The aquifers that lie within the boundaries of the Marysville UGA do not fit the criteria of a critical area as defined by the Growth Management Act (RCW 36.70A.060) due to the fact that they are not used for potable water; however, they are discussed below because they play a significant role in stormwater drainage issues and are important in maintaining stream base flow, which impacts fish and wildlife habitat.

## WETLANDS

As defined by MMC 22A.020.240 wetlands are areas that are inundated or saturated by surface water or ground water at a frequency and duration sufficient to support, and that

under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. This includes swamps, marshes, bogs, and similar areas, but excludes artificial wetland sites such as irrigation and drainage ditches, grass-lined swales, canals, detention facilities, farm ponds, landscape amenities, or any wetland unintentionally created by road construction after July 1, 1990. Artificial wetlands created intentionally for mitigation purposes are included in this definition and are protected under the critical areas ordinance.

Wetlands perform valuable functions within the ecosystem. Clearing of vegetation, grading, filling, draining, and other activities associated with land development may decrease the ability of the riparian zone to provide drainage, stabilize stream banks, provide wildlife habitat, and filter pollutants from runoff. Wetlands receiving surface water from surrounding areas can filter entering pollutants by a combination of physical, chemical, and biological processes.

Wetlands also play a major role in flood control. During flooding, rivers and streams overflow their banks and spread out across the flood plain. Wetlands attenuate the peak flows from storm events by storing water during wet periods and discharging this stored water later during drier periods. Wetlands also provide habitat and a source of food for fish and wildlife. Seventy-five percent of Western Washington's wildlife species use wetlands or riparian zones during some portion of their life cycle, and many species solely inhabit wetland areas.

Washington State Department of Ecology (Ecology) rates wetlands into four different categories (Categories I, II, III, and IV). These categories are based on the wetland's sensitivity to disturbance, rarity, functions they provide, and whether or not they are replaceable; Category I being the most crucial to protect. Within the UGA, Marysville has a total of 434 acres of known wetland area; 142 acres of Category I, 134 acres of Category II, 141 acres of Category III, and 18 acres of Category IV. Figure 2-6 depicts the delineation of all four wetland categories as provided by the City's GIS data, as reported from limited scope studies and from development. MMC 22E.010.100 establishes minimum targets for buffer widths around wetland boundaries based on the sensitivity and category of the wetland and the intensity of human activity proposed to be conducted. Table 2-5 provides these minimum regulatory buffer area requirements. Exemptions and exceptions to wetland protections and buffer widths can be found in MMC 22E.010

**TABLE 2-5**  
**Wetland Buffer Widths**

Wetland Category	Buffer Width
<b>Category I</b>	125 feet
Ebey Slough	100 feet
Ebey Slough Exception: North and south shore between the western city limits, at approximately I-5, and 47 <sup>th</sup> Avenue NE	25 feet
<b>Category II</b>	100 feet
<b>Category III</b>	75 feet
<b>Category IV</b>	35 feet

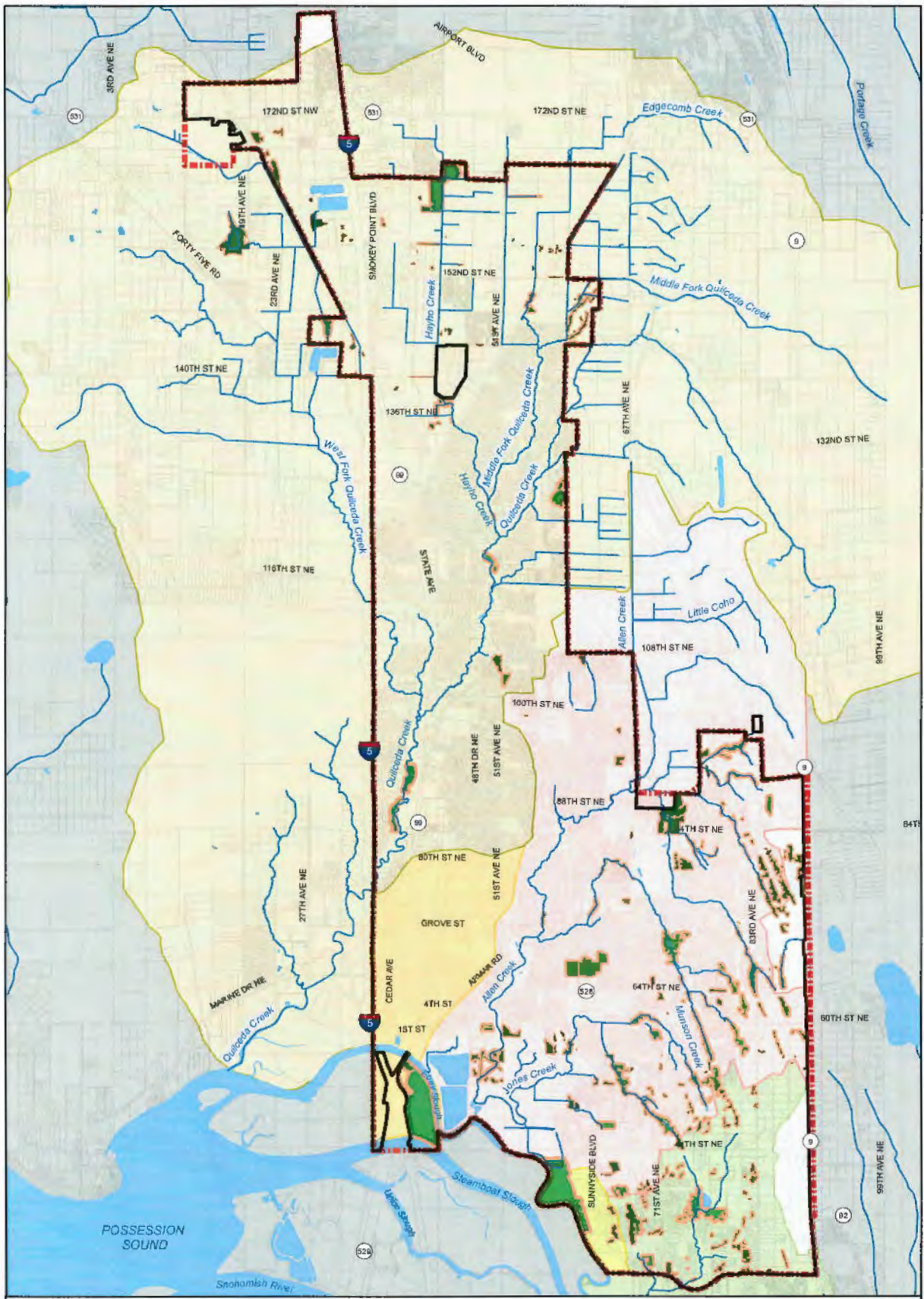
### **AQUIFER RECHARGE AREAS**

Marysville relies on an aquifer for potable drinking water only in the Lake Goodwin area. Surrounding aquifers within the City's UGA mainly provide discharge into streams, supporting year round flow and crucial fish and wildlife habitat. The Marysville Trough Aquifer and the Getchell-Snohomish Aquifer are both partially located within the Marysville UGA and benefit from stream and wetland protections under the Critical Area Ordinance.

The Marysville Trough Aquifer and the Getchell-Snohomish Aquifer also have an influence on Geologic Hazard Areas and storm water runoff. In the winter months, the ground water levels in these aquifers often reach ground level causing overland flow that can carry pollutants directly into surface waters, and cause flooding in some areas. Additionally, the saturated soils create favorable conditions for landslides to occur in areas with steep slopes and can increase erosion, reducing the suitable habitat for salmon.

### **FISH AND WILDLIFE HABITAT AREAS**

Most of the City's wildlife habitat exists in areas that have retained second growth forest or heavy vegetation. This includes the healthy salmonid spawning and rearing habitat at the headwaters of many of the tributaries to Quilceda Creek and Allen Creek. Healthy Coho and Chum salmon spawning and rearing habitat can be found in many parts of the Quilceda Creek system along with resident cutthroat trout habitat in the headwaters of Edgecomb Creek. Fish habitat in agricultural areas has declined as buffers are not common in agricultural fields. Much of the spawning habitat has diminished in the Allen Creek system due to erosion causing stream beds to fill in with mud and silt, canary reed grass growing in streambeds/channelized sections of the system, and eliminated wetlands. Chinook salmon, steelhead, and rainbow trout also utilize the streams in the Quilceda and Allen Creek watersheds but to a lesser degree than the previously mentioned species.



<b>Wetlands</b>	<b>Basin Name</b>	<b>Marysville City Limits</b>
Category 1	Allen Creek Basin	Urban Growth Boundary
Category 2	Ebey Slough Basin North	Streams
Category 3	Ebey Slough Basin South	
Category 4	King Creek Basin	
Water Bodies	Quilceda Creek Basin	
Wetland Buffers		

Note: Wetlands shown are reflective of what information the City has obtained to date. This map is not comprehensive and is not intended to be used for site specific purposes.

0 5,000 10,000 15,000 Feet

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**WETLANDS MAP**  
FIGURE 2-6



In order to provide protection for crucial anadromous fish and other aquatic habitat, the City of Marysville has classified its stream system into four categories, per WAC 222-16-30.

The following categories are defined by MMC 22E.010.220 and are shown in Figure 2-7.

**Type S Stream:** Those streams, within their ordinary high water mark, as inventoried as “shorelines of the state” under Chapter 90.58 RCW and the rules promulgated pursuant thereto.

**Type F Stream:** Those stream segments within the ordinary high water mark that are not Type S streams, and which are demonstrated or provisionally presumed to be used by salmonid fish. Stream segments which have a width of two feet or greater at the ordinary high water mark and have a gradient of 16 percent or less for basins less than or equal to 50 acres in size, or have a gradient of 20 percent or less for basins greater than 50 acres in size, are provisionally presumed to be used by salmonid fish.

**Type Np Stream:** Those stream segments within the ordinary high water mark that are perennial and are not Type S or Type F streams. However, for the purpose of classification, Type Np streams include intermittent dry portions of the channel below the uppermost point of perennial flow.

**Type Ns Stream:** Those stream segments within the ordinary high water mark that are not Type S, Type F, or Type Np streams. These include seasonal streams in which surface flow is not present for at least some portion of a year of normal rainfall that are not located downstream from any Type Np stream segment.

Table 2-6 provides those categories along with their associated protected buffer widths.

**TABLE 2-6**

**Stream Classifications and Buffer Width**

Stream Category and Name	Description	Buffer Width
Type S	Shoreline	200 feet
	Quilceda Creek	100 feet
	Ebey Slough Except north and south shore between the western City limits and 47 <sup>th</sup> Avenue NE	25 feet
Type F	Fish bearing	150 feet
	Gissberg Twin Lakes	Lake setbacks correspond to county park boundaries
Type Np	Perennial	100 feet
Type Ns	Seasonal	50 feet

## **GEOLOGICALLY HAZARDOUS AREAS**

Geologically hazardous areas are defined in the City's Municipal Code as lands or areas characterized by geologic, hydrologic, and topographic conditions that render them susceptible to potentially significant or severe risk of landslides, erosion, or seismic activity. Figure 2-8 is provided to give a general guide to where potential hazard areas are located within the City. Field investigation and analysis is required to confirm the presence or absence of these areas before development can occur. Generally, these areas warrant additional engineering investigation to assess the level of hazard and would typically require setbacks from these areas, special construction techniques, or outright prohibition with respect to land disturbance and development.

The most prominent Geological hazard area within the Marysville UGA is in the 100-year flood zone of Ebey Slough. This area is characterized to have moderate to high susceptibility to soil liquefaction during a seismic event. High susceptibility for soil liquefaction is also found along portions of Quilceda Creek and Allen Creek. Soil liquefaction may occur in areas that have saturated silt and/or sand soils when shaking due to seismic activity causes the soil to act as a liquid, losing its ability to support structures.

Landslide hazard areas have been identified in many areas of the Getchell Plateau including the banks along Munson Creek, and along the banks of Quilceda Creek and Allen Creek. A combination of steep slopes ranging from 25 percent to 75 percent, soft soils, and groundwater seepage create favorable conditions for landslides to occur. These areas, along with other tributaries to Quilceda and Allen Creeks, are also prone to erosion. The previously mentioned geologic conditions combined with human activities such as land use change/development have led to unstable slopes and increased stream flow, causing significant erosion in some areas.

## **STORMWATER UTILITY SERVICES**

The City of Marysville has had a surface water management (SWM) program since 1991. Until 2007, the surface water utility fee was collected by Snohomish County in connection to property taxes and then remitted to the City of Marysville. In January 2007, the City's Public Works Department took over administration of the SWM utility and continues to manage the program. Fees collected by the SWM utility are for the purpose of operating public stormwater facilities to help reduce flooding and drainage problems, improve water quality, and meet regulatory requirements. Operation of this utility includes the ability to finance, construct, develop, improve, and maintain the City's stormwater facilities. The facilities consist of approximately 6,225 lineal feet of detention pipe, 185 miles of storm lines, 11,914 catch basins, 346 infiltration/detention ponds, and multiple outfalls into area receiving waters.



Stream Class	Basins	Other Features
S	Allan Creek Basin	Marysville City Limits
F	Ebey Slough Basin North	Urban Growth Boundary
NP	Ebey Slough Basin South	Streets
NS	King Creek Basin	Water Bodies
Unclassified	Quilceda Creek Basin	
	Stream Buffers	

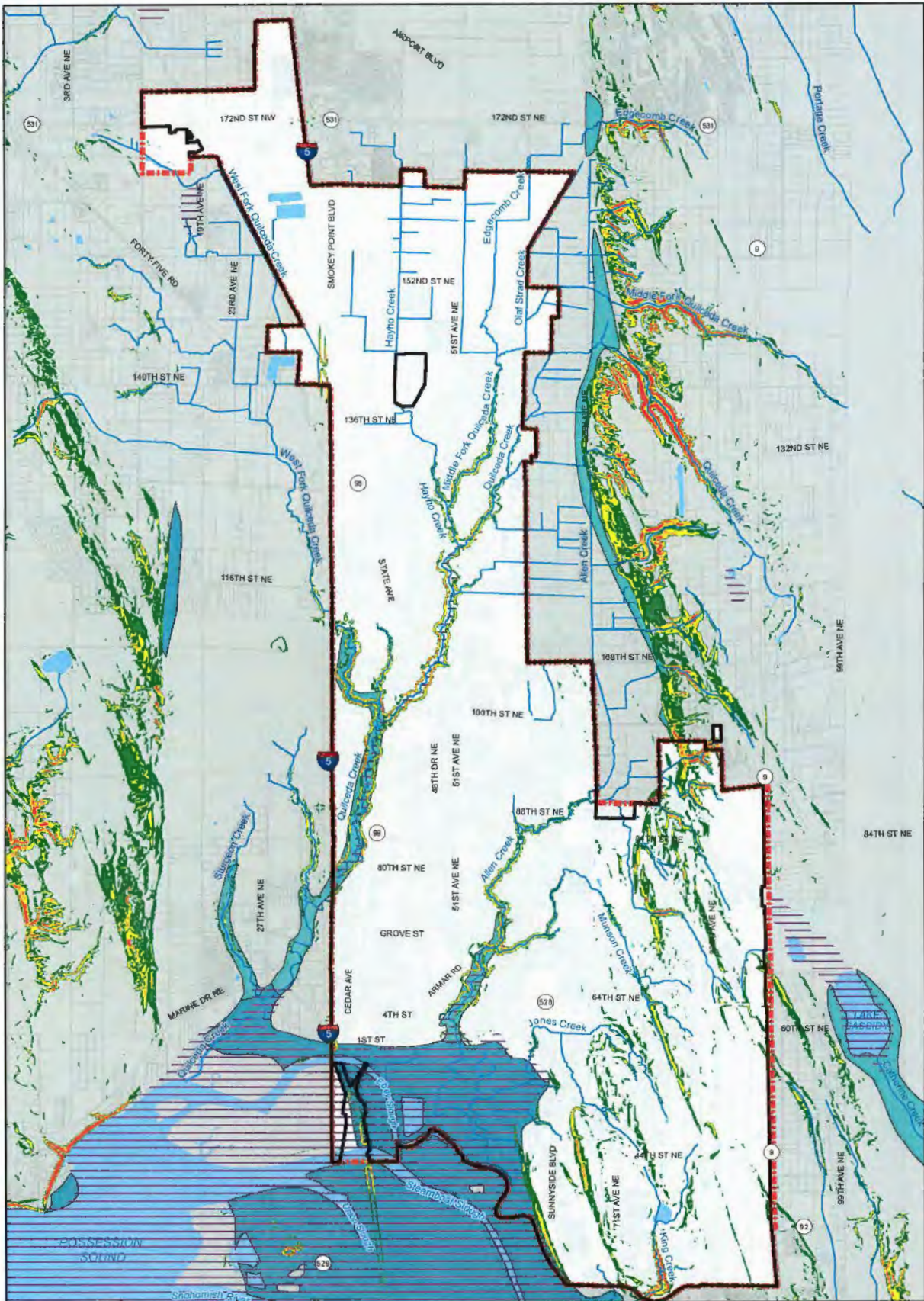
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**STREAM CLASSES MAPS**

**FIGURE 2-7**

Note: Stream classes shown have not been approved by the Wa. Dept. of Fish and Wildlife

0 5,000 10,000 15,000 Feet



Percent Slope	Liquification Susceptibility	Symbol	Description
15 - 25%	High	—	Marysville City Limits
25 - 33%	Moderate to High	---	Urban Growth Boundary
33 - 40%	Flood Hazard	—	Streams
40 - 100%	Water Bodies	—	

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**GEOLOGIC HAZARD AREAS**

FIGURE 2-8

0 5,000 10,000 15,000 Feet

## CHAPTER 3

### STORMWATER MANAGEMENT SYSTEM ANALYSIS

#### INTRODUCTION

This chapter presents an analysis of the City of Marysville's existing stormwater management system, and its ability to accommodate flow for future development conditions. The analysis includes review of previous reports completed by Snohomish County and the City of Marysville, hydraulic and hydrologic modeling of areas identified by City staff, and feasibility studies for water quality improvements to address discharge into compromised waterways.

#### EXISTING STORMWATER MANAGEMENT SYSTEM

The City's existing stormwater management system consists of a combination of open ditches, pipes, catch basins, culverts, detention ponds, detention vaults, infiltration ponds, infiltration vaults, bioswales, filter strips, raingardens, and water quality treatment ponds. A base map showing drainage facilities within the City is shown in Figure 3-1. A large fold-out map is also included in Appendix A.

#### REFERENCED REPORTS

The following reports were reviewed during the analysis of the City's stormwater management system:

- *Quilceda Creek Drainage Needs Report, DNR No. 1, December 2002, Snohomish County Public Works Department Surface Water Management Division*
- *Allen Creek Drainage Needs Report, DNR No. 8, December 2002, Snohomish County Public Works Department Surface Water Management Division*
- *City of Marysville Surface Water Comprehensive Plan Update, February 2009, Otak, Inc.*
- *North Marysville Edgecomb Creek Relocation Feasibility Study, July 2009, Otak, Inc.*

#### WATER QUALITY

While water quality is an important part of stormwater management, this Plan focuses mostly on conveyance infrastructure. Marysville holds a Phase II National Pollutant Discharge Elimination System (NPDES) Stormwater Permit, which requires annual reporting of stormwater monitoring and assessment. Further information about

Marysville's water quality program may be found in the City of Marysville's Stormwater Management Program Plan (SWMP) available on the City's website.

## **CITY IDENTIFIED STORMWATER CONVEYANCE PROBLEMS**

City employee comments and public complaints were reviewed in order to identify any issues that have occurred since the 2009 Surface Water Comprehensive Plan (2009 Comp Plan). A field investigation of specific problem areas was conducted to identify new projects. The City also provided an account of projects identified in previous plans that still need to be addressed. Many of these projects required reevaluation to ensure compliance with the Washington Department of Fish and Wildlife 2013 Water Crossing Guidelines (WDFW 2013 Guidelines) Modeling.

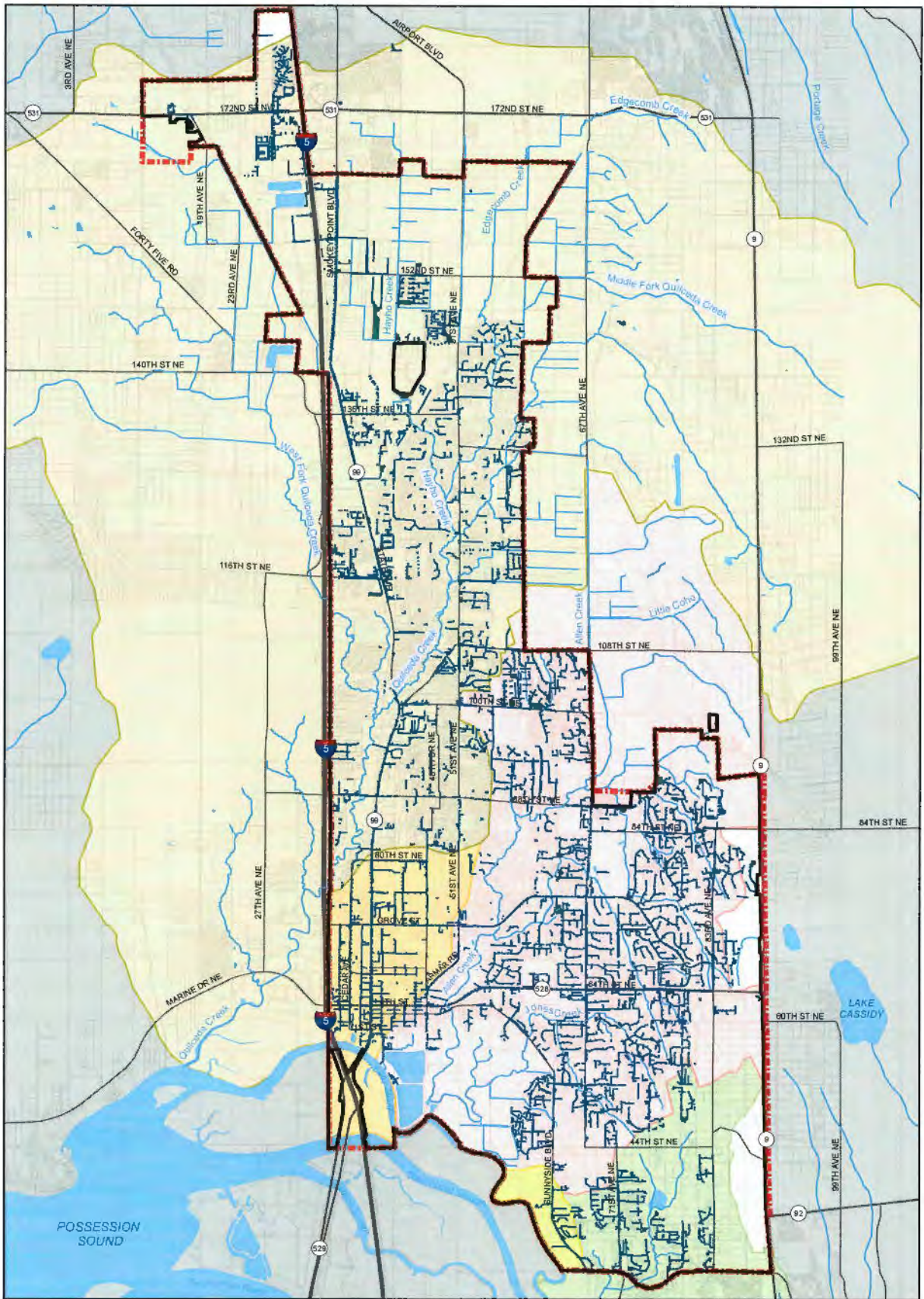
Hydrologic and hydraulic models of the City's stormwater system and drainage basins were developed by Snohomish County while conducting the 2002 Drainage Needs Report No. 1 for the Quilceda Creek Basin (2002 DNR No. 1) and the 2002 Drainage Needs Report No. 8 for the Allen Creek Basin (2002 DNR No. 8). Updated versions of the models were used in the 2009 Comp Plan, and additional modeling was performed for the current Plan.

### **HYDROLOGIC MODEL**



Hydrologic analysis addresses the movement of rainfall to the conveyance system. The purpose of a hydrologic model is to predict the flow of stormwater runoff into the system. Hydrologic models were developed by Snohomish County for the 2002 DNRs using the Hydrologic Simulation Program- FORTRAN (HSPF), version 12.0, developed by the United States Environmental Protection Agency. The HSPF model simulates rainfall-runoff from pervious and impervious land surfaces, soil moisture dynamics, and hydrologic routing on a continuous basis, and uses historical rainfall records to generate a long-term series of stormwater discharges. The long-term flow record is necessary for the evaluation of detention facilities and other volume-dependent features within the conveyance system, and is important in the Puget Sound region for accurately evaluating flooding, where flooding is often caused by a series of back-to-back storm events rather than an isolated rainfall event.

### **HYDRAULIC MODEL**

Hydraulic analysis addresses the movement of runoff through the conveyance system. The purpose of a hydraulic model is to evaluate the capacity of features within the conveyance system, such as pipes, culverts, and open channels. Hydraulic modeling for the stream systems and tributary open channels within the Marysville UGA was developed by Snohomish County for the 2002 DNRs using the Hydrologic Engineering Center River Analysis System (HEC-RAS) model. HEC-RAS is a backwater model designed to simulate the hydraulics of open channel systems, and can simulate flow through culverts and other features commonly found throughout a developed area.




<b>Basin Name</b>	<b>Storm Facilities</b>	<b>Marysville City Limits</b>
Allen Creek Basin	Detention Pond	Urban Growth Boundary
Ebey Slough Basin North	Infiltration Pond	Water Bodies
Ebey Slough Basin South	Stormlines	Streams
King Creek Basin		
Quilceda Creek Basin		

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**EXISTING STORMWATER FACILITIES**  
FIGURE 3-1



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For a portion of the Sunnyside neighborhood within the Allen Creek Basin, a model was developed by Snohomish County using the Extran portion of the U.S. Environmental Protection Agency's Stormwater Management Model (SWMM). For this model, storms were identified that had peak flows at or near the 2-year, 10-year, and 25-year return frequency peaks, and of these, three 3-day events were selected to account for antecedent rainfall. In the 2009 Comp Plan, a later and proprietary version of this same modeling software (XPSWMM, owned by XP Solutions) was used to simulate conveyance systems and detention ponds within the North Marysville region.

XP Solutions later developed a newer version of XPSWMM called XPStorm, which was used for this current Plan to model the designs for culverts subject to the WDFW 2013 Guidelines, and to evaluate flooding issues.

## DRAINAGE BASINS

The City's stormwater infrastructure is divided into four drainage basins: Quilceda Creek, Allen Creek, King Creek, and Ebey Slough. Table 3-1 shows the total area of each basin, as well as the area within the Marysville UGA. These basins are described in detail in Chapter 2.

**TABLE 3-1**

### Drainage Basin Summary

Basin	Total Area (mi <sup>2</sup> )	Area within UGA (mi <sup>2</sup> )
Quilceda Creek	36.6	9.3
Allen Creek	10.4	7.7
King Creek	2.9	1.6
Ebey Slough	1.9	1.9

## IDENTIFIED DEFICIENCIES

After review of deficiencies identified by the past Snohomish County Plans, staff comments and public complaints, the following areas have been identified as current deficiencies. These areas are named and organized by drainage basin, and described below. The two letters in the identification number of the problem area represent the initials of the drainage basin (e.g., QCI = Quilceda Creek Area No. 1). The former name of the projects from the 2009 Comp Plan is given in parentheses. The new identification numbers also correspond to the number assigned to the recommended Capital Improvement Plan (CIP) project for each individual project. Further discussion regarding solutions or recommended CIPs for these problem areas is described in Chapter 4 (Capital Improvement Plan).



**QUILCEDA CREEK BASIN**

Several key problem areas were identified within the Quilceda Creek Basin. These areas include flooding issues, fish passage barriers, ecological deficiencies, aging infrastructure, and stormwater management. Figures 3-2 and 3-3 locate the Quilceda Creek areas described herein.

**QC1 Stormwater Pipe Damage at Edward Springs Reservoir**

City staff identified a 36-inch CMP drainage pipe that runs along the northeast side of the Edward Springs Reservoir (SD-LINE-15039) as having significant rust damage due to age. The recommended solution for this issue is to replace 395 LF of CMP pipe with new corrugated polyethylene (CPEP) pipe.

**QC2 (Formerly MQ-HH-19) Irrigation Ditch Accessible to Fish Upstream of 160<sup>th</sup> Street NE**

Upstream of 160<sup>th</sup> Street NE, Hayho Creek and its tributaries are subject to water withdrawals for irrigation. Waterways used for irrigation require a fish screen downstream of the withdrawal to prevent fish from being drawn into the diversion channels. Installing a fish screen at this location will protect fish by blocking off approximately 1 mile of diversion channels to fish access. This was proposed in the 2009 Comp Plan, and originated from city staff recommendations.

**QC3 (Formerly MQ-EC-03, MQ-EC-05) Undersized Field Access Culvert along Edgcomb Creek**

Two privately owned undersized 30-inch field access culverts along Edgcomb Creek were identified by the 2002 DNR No.1 (IDs of SD-CV-167 and SD-CV-168). These were also identified as Level A barriers to fish passage. The HEC-RAS model developed for the previous report determined that the field access roads would be overtopped at the 2-year frequency for existing and future land use conditions. A reevaluation of these culverts was conducted for current fish passage standards. The results showed that these culverts are a velocity barrier for fish passage. The recommended solution for this issue is to replace both 30-inch culverts with two 16-foot span reinforced concrete box culverts. Culverts should be countersunk 30 percent and should be filled with gravel and sediment to comply with WDFW 2013 Guidelines.

**QC4A (Formerly MQ-HH-16) Hayho Creek Channel Mitigation (North Marysville Master Drainage Plan)**

The North Marysville Edgcomb Creek Relocation Feasibility Study was conducted in 2009 to investigate mitigating impacts of high-density development in the Smokey Point Region. The Hayho Creek drainage basin is one of two basins present in the study area, and was evaluated for improvements to allow for development while improving aquatic

resource function. Proposed improvements for this area include realigning the headwaters of Hayho Creek through existing wetlands.

#### **QC4B (Formerly MQ-HH-32) Conveyance for Regional Detention Pond 2**

The North Marysville Master Drainage Plan describes the need for installing what is currently known as Regional Pond 2 which was constructed in 2015. This pond, in conjunction with Pond 1 (built in 2004) allows for mitigation of impacts from high-density development in the Smokey Point Region. In general, Ponds 1 and 2 were designed to provide flow control and enhanced water quality treatment for 204.8 acres. Assumed land use north of the ponds includes commercial or light industrial development with 85 percent maximum impervious area. Of those 204 acres, 44.52 acres are anticipated to come from the west side of Smokey Pt. Blvd., north of 152<sup>nd</sup> Street NE. The remaining 160.31 acres would come from the east side of Smokey Pt. Blvd., north of 152<sup>nd</sup> Street NE and west of Hayho Creek. As part of the regional pond construction, 1,200 LF of 42-inch conveyance pipe and 191 LF of a 58-inch by 36-inch arched pipe was installed between the ponds and 152<sup>nd</sup> Street NE. However, additional conveyance will be necessary as development occurs within the collection basin for the regional ponds. Proposed conveyance for this area includes construction of 4,440 LF of 42-inch mainline conveyance pipe which will be used to serve future commercial or industrial areas.

#### **QC4C (Formerly MQ-HH-32) Hayho Creek Regional Detention Pond 3**

Regional Ponds 1 and 2 are intended to collect runoff west of Hayho Creek. Due to topography and the existence of Hayho Creek, it is infeasible to convey runoff east of Hayho Creek into the regional ponds. Therefore, a third regional pond is recommended to collect runoff from a small area east of Hayho creek, north of 152<sup>nd</sup> Street NE. With an estimated size of 3.5 acres, Regional Pond 3 is anticipated to be smaller than Ponds 1 and 2.

#### **QC5A (Formerly MQ-EC-13) Edgecomb Creek Channel Mitigation (North Marysville Master Drainage Plan)**

The North Marysville Edgecomb Creek Relocation Feasibility Study was conducted in 2009 to investigate impacts of high-density development in the Smokey Point Region. The development of this area would require the filling of remaining wetlands in the North Marysville Planning area, and the relocation of Edgecomb Creek. The study found that realigning Edgecomb Creek to the west side of the Burlington Northern Santa Fe Railroad would allow for improved function of the waterway and floodplain, while minimizing impacts to other waterways in the region. It would provide 64 acres of forested buffer along the realigned creek, create 29 acres of total wetland within the floodplain corridor, and provide adequate capacity within the constructed floodplain for the 100-year flood. This alignment requires minimal water crossings.

**QC5B (Formerly MQ-EC-13) Edgecomb Creek Conveyance (North Marysville Master Drainage Plan)**

In conjunction with realigning Edgecomb Creek, as development occurs, stormwater conveyance will be necessary to carry runoff away from developed sites located north of 152<sup>nd</sup> Street NE and east of 51<sup>st</sup> Avenue NE. To mitigate the need for onsite detention and treatment, a regional pond could be installed south of where the development is anticipated to occur (see QC5C below). The City could work with developers in providing a mainline conveyance trunk to this regional pond.

**QC5C (Formerly MQ-EC-13) Edgecomb Creek Channel Mitigation (North Marysville Master Drainage Plan)**

To mitigate the need for individual onsite detention and water quality treatment facilities, a 20-acre regional detention/treatment facility could be located at the south end of the Edgecomb study area, east of 51<sup>st</sup> Avenue NE and adjacent to the BNSF railway. It would serve commercial/industrial property located north of the pond and adjacent to or just east of 51<sup>st</sup> Avenue NE.

**QC6 (Formerly MQ-EC-01) Undersized Culvert along Edgecomb Creek at 152<sup>nd</sup> Street NE**

The 36-inch culvert conveying water beneath 152<sup>nd</sup> Street NE along Edgecomb Creek (SD-CV-147) was identified by the 2002 DNR No. 1 as undersized, and as a Level A barrier to fish passage. The HEC-RAS model developed for the previous report determined that 152<sup>nd</sup> Street would be overtopped at the 25-year frequency for existing land use conditions and the 10-year frequency for future land use conditions. A reevaluation of the culvert was conducted for current fish passage standards, where it was determined to be a velocity barrier for fish passage. The recommended solution for this issue is to replace the existing 36-inch culvert with a 17-foot span reinforced concrete box culvert. The culvert should be countersunk 30 percent and should be filled with gravel and sediment to comply with WDFW 2013 Guidelines.

**QC7 (Formerly MQ-MQ-07) Undersized Culvert along Olaf Strad Creek at 152<sup>nd</sup> Street NE**

The 36-inch culvert conveying water beneath 152<sup>nd</sup> Street NE along Olaf Strad Creek (SD-CV-31) was identified in the 2009 Comp Plan as undersized, and as a potential barrier to fish passage. A reevaluation of the culvert was conducted for current fish passage standards, where it was determined to be a velocity barrier for fish passage. The recommended solution for this issue is to replace the existing 36-inch culvert with a 15-foot span reinforced concrete box culvert. The culvert should be countersunk 30 percent and should be filled with gravel and sediment to comply with WDFW 2013 Guidelines.

### **QC8 (Formerly MQ-MQ-04) Undersized Culvert and Diminished Habitat along Quilceda Creek at Strawberry Fields Trail**

The 36-inch culvert conveying water beneath the Strawberry Fields Trail along Middle Fork Quilceda Creek (SD-CV-3407) was identified by public complaints to have significant flooding issues. Additionally, it was identified in the 2002 DNR No. 1 to be a velocity barrier for fish passage. A reevaluation of the culvert was conducted for current fish passage standards, and was determined to be a velocity barrier for fish passage. Snohomish County also found the reaches of Middle Fork Quilceda Creek upstream and downstream of the culvert to have insufficient habitat. This was due to a lack of adequate large woody debris (LWD) and riparian recruitment. The recommended solution for this issue is to replace the existing 36-inch culvert with a 19-foot span reinforced concrete box culvert. The culvert should be countersunk 30 percent and should be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Native riparian vegetation and LWD should also be installed along 1,750 linear feet of the existing channel to improve fish habitat.

### **QC9 (Formerly MQ-HH-09) Flooding of 43<sup>rd</sup> Avenue and Emerald Hills Estates**

The 2009 Comp Plan found that beaver dams in Hayho Creek cause periodic flooding of 43<sup>rd</sup> Avenue NE and the adjacent retirement community. The recommended solution for this problem is to install a berm on the downstream side of the 24-inch culvert beneath 43<sup>rd</sup> Avenue (SD-CV-52), and excavate the ditch on the northwest side of the berm to allow collection of street runoff and backwatering from Hayho Creek.

### **QC10 (Formerly MQ-HH-38) Channel Erosion on Hayho Creek between the Burlington Northern Santa Fe Railroad and 47<sup>th</sup> Drive NE**

The 2009 Comp Plan found the reach of Hayho Creek between the Burlington Northern Santa Fe Railroad (BNSF) and 47<sup>th</sup> Drive NE to be incising and to have significant bank erosion. This is creating a backwater issue that is causing flooding of 136<sup>th</sup> Street NE at 45<sup>th</sup> Avenue. The recommended solution to this issue is to stabilize the reach by regrading 850 linear feet of channel. Additionally, large woody debris and native riparian vegetation should be installed along both streambanks.

### **QC10A Flooding of 136<sup>th</sup> Street NE at 45<sup>th</sup> Avenue NE**

Significant flooding has been observed on the north side of 136<sup>th</sup> Street NE at 45<sup>th</sup> Avenue NE during intense or prolonged rain events. The flood water is generated from a ditch system that runs along 136<sup>th</sup> Street NE, but is thought to be due to a backwater issue in Haybo Creek on the east side of 45<sup>th</sup> Avenue NE. This backwater issue is created downstream in a reach located between the BNSF RR and 47<sup>th</sup> Drive NE that has diminished capacity due to erosion.

The ditch system along 136<sup>th</sup> Street NE, its confluence with Hayho Creek, and the downstream stretch of Hayho Creek between 136<sup>th</sup> and the BNSF RR were modeled in XPSTORM to examine alternatives for preventing the flooding on 136<sup>th</sup> Street NE. The model used the Santa Barbara Urban Hydrograph method (SBUH) to simulate runoff within the conveyance system. Basin areas were estimated to produce peak flows for the Type 1A storm that matched the flows reported for the 100-year storm event in the 2002 DNR No. 8. The model confirmed that the flooding was due to a backwater issue from Hayho Creek, and that approximately 51,000 cubic feet of runoff along the north side of 136<sup>th</sup> Street NE would need to be stored to prevent overtopping of the road if the downstream backwater issue caused south of the BNSF culverts was not resolved. The model also showed a capacity issue upstream where a 15-inch culvert between two sections of ditch along 136<sup>th</sup> Street NE has a reverse slope.

While fixing the downstream erosion issue within Hayho Creek is the optimum solution to this flooding problem, an alternative, more economical solution can be installed to prevent the flooding of 136<sup>th</sup> Street NE until funds are available to perform the necessary downstream repairs. The recommended alternative solution for this issue is to install a storage pond along 136<sup>th</sup> Street NE at 45<sup>th</sup> Avenue NE, regrade the section of ditch located approximately 450 feet west of 45<sup>th</sup> Avenue NE, and replace the 15-inch culvert just upstream from the regraded ditch. This would allow temporary storage of the runoff until the water level downstream recedes.

**QC11 (Formerly WQ-WQ-08) Undersized Culvert along a Tributary to West Fork Quilceda Creek at 104<sup>th</sup> Street NE**

The 4-foot box culvert conveying water beneath 104<sup>th</sup> Street NE along Lower West Fork Quilceda Creek (SD-CV-42) was identified in the 2009 Comp Plan as undersized, and as a potential barrier to fish passage. It was also noted that beaver dams just downstream from the culvert were contributing to flooding, and had caused the culvert to become clogged with silt. In 2010, emergency maintenance was conducted, which resulted in the beaver dams being removed, and the culvert being cleaned out. A 24-inch culvert was also installed above the ordinary high water mark to reduce flooding. A reevaluation of the culvert was conducted for current fish passage standards, and the existing configuration was determined to be a velocity barrier for fish passage. The recommended solution for this issue is to replace the existing 4-foot box culvert with a 50-foot prefabricated bridge along 104<sup>th</sup> Street to improve fish passage.

**QC12 (Formerly WQ-WQ-09) Undersized Culvert along a Tributary to West Fork Quilceda Creek at 103<sup>rd</sup> Street NE**

The 24-inch culvert conveying water beneath 103<sup>rd</sup> Street NE along Lower West Fork Quilceda Creek (SD-CV-43) was identified in the 2009 Comp Plan as undersized, and as a potential barrier to fish passage. A reevaluation of the culvert was conducted for current standards, where it was determined to be a velocity barrier for fish passage. The

recommended solution for this issue is to replace the existing 24-inch culvert with a 50-foot prefabricated bridge along 103<sup>rd</sup> Street to improve corridor and fish passage.

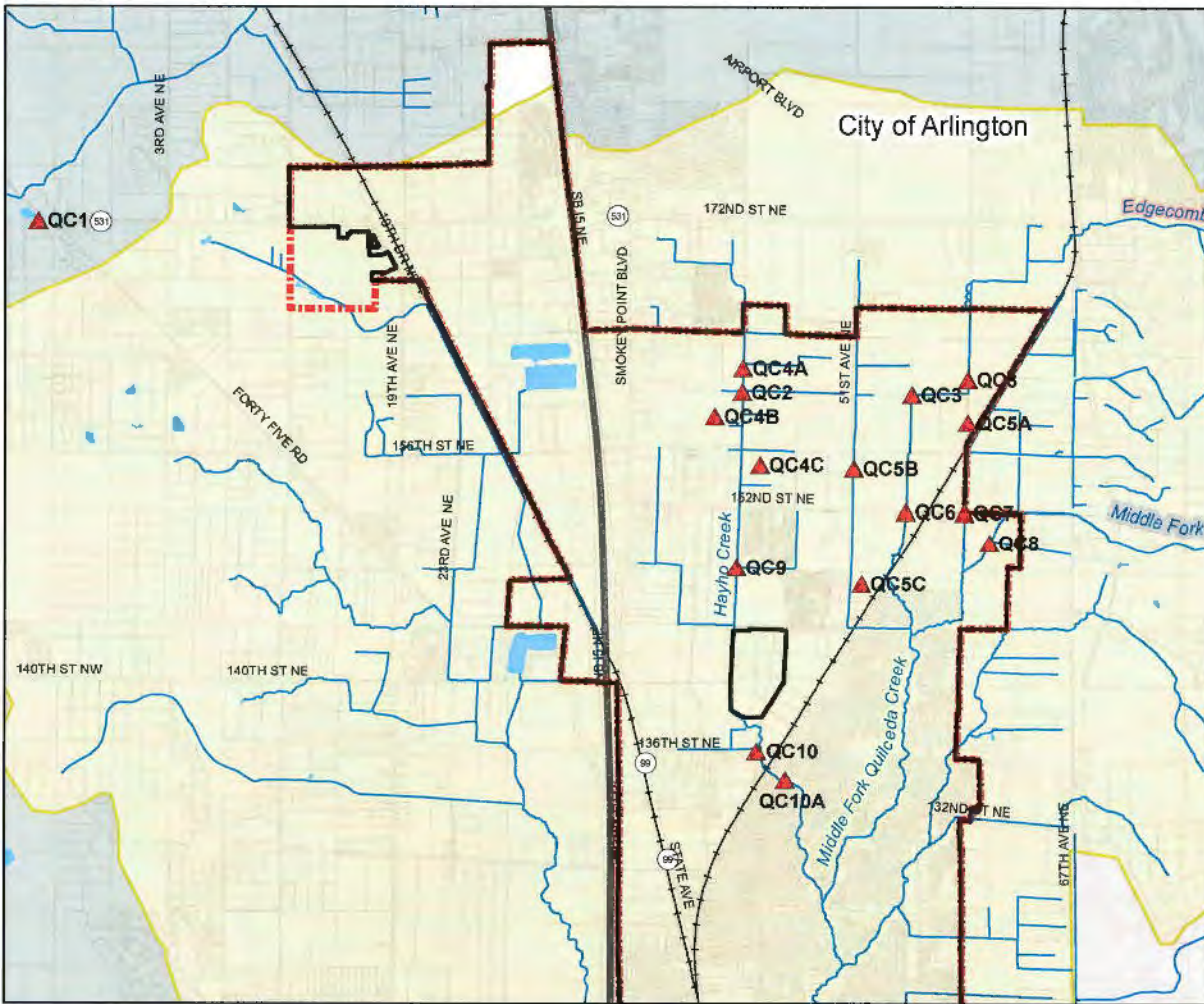
**QC13 (Formerly MQ-QC-09) Undersized Culvert along Quilceda Creek at State Avenue**

The two 6-foot box culverts conveying water beneath State Avenue NE along Quilceda Creek (SD-CV-30) were identified in the 2002 DNR No.1 to be a velocity barrier for fish passage. A reevaluation of the culvert was conducted for current standards, where it was determined to be a velocity barrier for fish passage. The recommended solution for this issue is to remove the existing culverts and install a 175-foot precast bridge along State Avenue to address corridor and fish passage concerns.

**QC14 (Formerly MQ-QC-12) Undersized Culvert along Quilceda Creek at BNSF Railroad**

The 6-foot box culvert conveying water beneath the Burlington Northern Santa Fe Railroad along Quilceda Creek (SD-CV-29) was identified in the 2002 DNR No. 1 to be a velocity barrier for fish passage. A reevaluation of the culvert was conducted for current standards, where it was determined to be a velocity barrier for fish passage. A possible solution for this issue is to remove the existing culvert and to install a 22-foot-diameter, 10-gauge tunnel liner plate. The tunnel liner plate provides a corrugated pipe with continuous circumferential corrugations which provide high strength and stiffness. The tunnel should be countersunk 30 percent and should be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Although this issue is within the Marysville city limits, it is within BNSF right-of-way; and therefore, it is the responsibility of BNSF to replace this culvert.

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<p><b>QC1:</b> Stormwater Pipe Damage at Edward Springs Reservoir  <b>Issue:</b> Damage  <b>Potential Solution:</b> Replace 395 LF of 36" CMP pipe with 36" CPEP pipe</p> <p><b>QC2:</b> Irrigation Ditch Accessible to Fish upstream of 160th St NE  <b>Issue:</b> Biological  <b>Potential Solution:</b> Install fish screen</p> <p><b>QC3:</b> Undersized Field Access Culverts  <b>Issue:</b> Capacity/ Fish Passage  <b>Potential Solution:</b> Replace existing culverts with 16'x6' concrete box culverts</p> <p><b>QC4A:</b> Hayho Creek Channel Mitigation (North Marysville Master Drainage Plan)  <b>Issue:</b> Mitigation/Habitat  <b>Potential Solution:</b> Realign headwaters of Hayho Creek</p> <p><b>QC4B:</b> Conveyance for Regional Detention Pond No.2  <b>Issue:</b> Mitigation  <b>Potential Solution:</b> Install 4,400 LF 42-inch conveyance pipe</p> <p><b>QC4C:</b> Hayho Creek Regional Detention Pond No.3  <b>Issue:</b> Mitigation  <b>Potential Solution:</b> Install 3.5 ac regional detention pond.</p> <p><b>QC5A:</b> Edgecomb Creek Channel Mitigation (North Marysville Master Drainage Plan)  <b>Issue:</b> Mitigation/Habitat  <b>Potential Solution:</b> Realign 2 miles of Edgecomb Creek</p> <p><b>QC5B:</b> Edgecomb Creek Conveyance  <b>Issue:</b> Mitigation  <b>Potential Solution:</b> Install 10,550 LF conveyance pipe (25" - 54")</p>	<p><b>QC5C:</b> Edgecomb Creek Regional Detention Facility  <b>Issue:</b> Mitigation Potential  <b>Potential Solution:</b> Install 20ac regional detention pond</p> <p><b>QC6:</b> Undersized Culvert at 152nd St NE  <b>Issue:</b> Capacity/ Fish Passage  <b>Potential Solution:</b> Replace existing culvert with a 17'x6' concrete box culvert</p> <p><b>QC7:</b> Undersized Culvert at 152nd St NE  <b>Issue:</b> Capacity/ Fish Passage  <b>Potential Solution:</b> Replace existing culvert with a 15'x5' concrete box culvert</p> <p><b>QC8:</b> Undersized Culvert and Diminished Habitat at Strawberry Fields Trail  <b>Issue:</b> Capacity/ Fish Passage/ Habitat  <b>Potential Solution:</b> Replace existing culvert with a 19'x7' concrete box culvert and install native riparian vegetation along 1,750 LF of channel</p> <p><b>QC9:</b> Flooding of 43rd Ave at Emerald Hills Estates  <b>Issue:</b> Capacity/Biological  <b>Potential Solution:</b> Install berm and excavate ditch</p> <p><b>QC10:</b> Channel Erosion on Hayho Creek between BNSF and 47th Dr NE  <b>Issue:</b> Capacity/ Habitat  <b>Potential Solution:</b> Regrade 850 LF of Creek and install native riparian vegetation</p> <p><b>QC10-A:</b> Flooding of 136th St NE  <b>Issue:</b> Capacity  <b>Potential Solution:</b> install storage pond along 136th St NE and replace reverse slope culvert</p>
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▲ Identified Deficiency	----- Urban Growth Boundary
□ Allen Creek Basin	— Marysville City Limits
□ Quilceda Creek Basin	— Streams
■ Water Bodies	— BNSF Railroad
□ Parcels	

0 5,000 10,000 15,000 Feet

2016 SURFACE WATER COMPREHENSIVE PLAN UPDATE

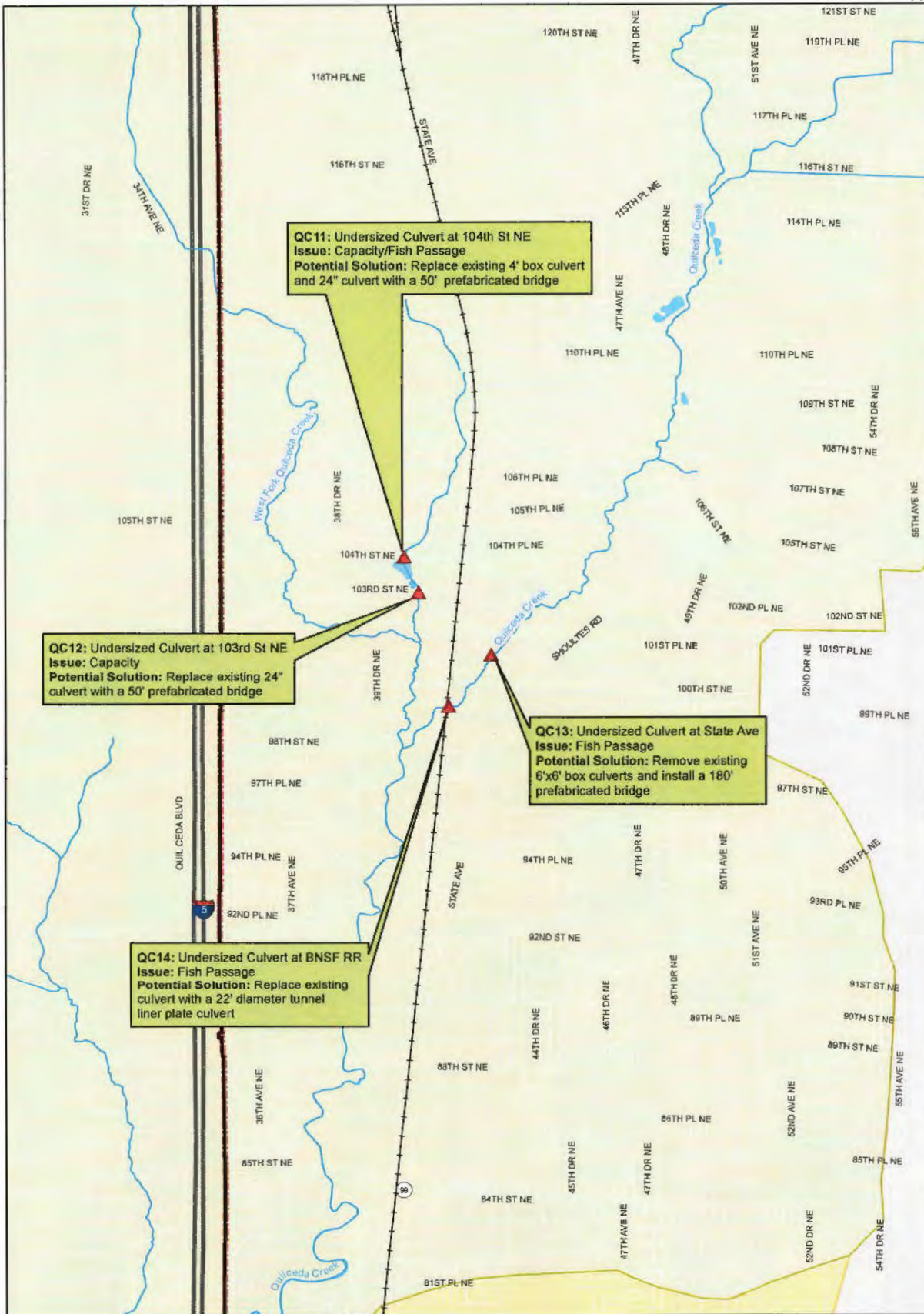
IDENTIFIED DEFICIENCIES

QUILCEDA CREEK BASIN NORTH

FIGURE 3-2

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Identified Deficiency	Streams
Allen Creek Basin	BNSF Railroad
Ebey Slough Basin North	Marysville City Limits
Quilceda Creek Basin	Urban Growth Boundary
Water Bodies	

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 COMPREHENSIVE PLAN UPDATE  
 IDENTIFIED DEFICIENCIES  
 QUILCEDA CREEK BASIN SOUTH  
 FIGURE 3-3

## ALLEN CREEK BASIN

Deficiencies found in the Allen Creek Basin primarily involve flooding due to undersized storm pipes. One other issue was identified involving a culvert that was found to have structural issues and is a barrier to fish. Figure 3-4 locates the Allen Creek areas described herein.

### **AC1 (Formerly AC-AC-10) Undersized Stormwater Pipes at 95<sup>th</sup> Street NE and 67<sup>th</sup> Avenue NE**

The storm pipe system along 95<sup>th</sup> Street NE between 95<sup>th</sup> Place NE and 67<sup>th</sup> Avenue NE was found to have insufficient conveyance capacity by Snohomish County in the 2002 DNR No. 8. The HEC-RAS model generated for the previous report determined that flooding would occur during the 10-year event for existing and future land use. The recommended solution for this issue is to replace 227 linear feet of existing 12-inch-diameter storm pipe with 18-inch-diameter HDPE pipe.

### **AC2 (Formerly AC-AC-03) Undersized Culvert and Erosion of the Stream Bank Along Allen Creek at 88<sup>th</sup> Street NE**

The 7-foot box culvert conveying water beneath 88<sup>th</sup> Street NE along Allen Creek (SD-CV-23) was identified in the 2002 DNR No. 8 as undersized, and as a velocity barrier to fish passage. A reevaluation of the culvert was conducted for current fish passage standards, where it was confirmed to be a velocity barrier for fish passage.

Structural and maintenance issues were also found at this culvert. The survey crew reported the upstream section of the culvert had separated from the rest of the culvert, and a hydraulic jump is predicted at the 2-year event or less. No jump is predicted for higher flows. In addition, a 50-foot section of riprap-armored stream bank has failed. Roadway overtopping is predicted if the culvert is not maintained.

The recommended solution for this issue is to replace the existing 7-foot span culvert with a 25-foot span reinforced concrete box culvert. Loose rip rap from the channel should be removed and 50 linear feet of bioengineered bank stabilization measures should be installed along the eroded south bank.

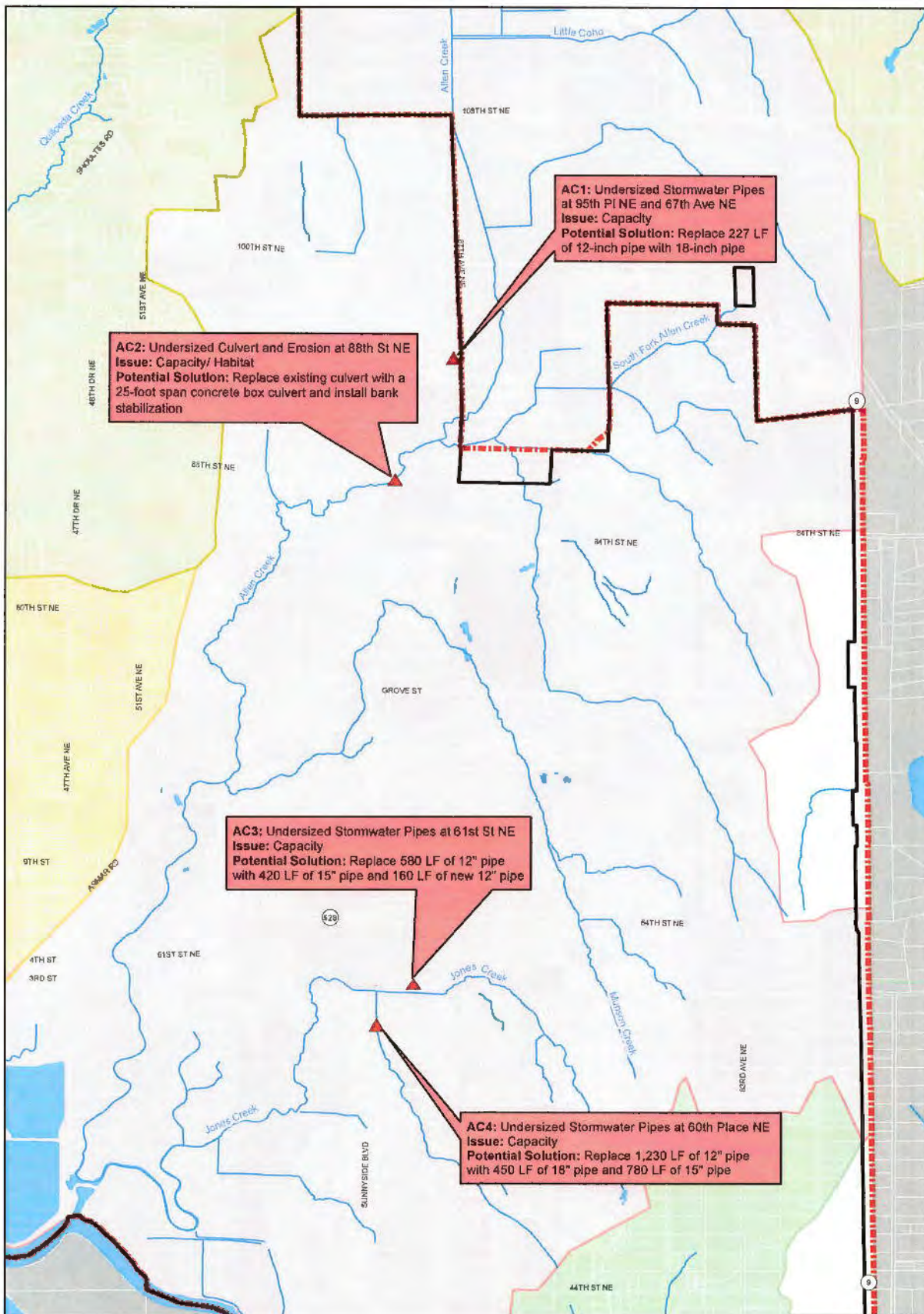
### **AC3 (Formerly AC-JC-12) Undersized Stormwater Pipes at 61<sup>st</sup> Street NE Cul-de-Sac**

The storm drain system along the 61<sup>st</sup> Street NE Cul-de-Sac was identified in the 2009 Comp Plan to have insufficient conveyance capacity. The XP-SWMM model developed for this report shows flooding will occur at the 10-year event for existing land use conditions. Since the 2009 Comp Plan, a stream restoration and capacity improvement project was completed along Jones Creek, potentially reducing the severity of this conveyance issue. The Jones Creek portion of the 2002 DNR No. 8 HEC-RAS model

should be updated to include these improvements, and a new hydraulic analysis should be conducted to determine the remaining flooding issues. The recommended solution for this issue is to replace approximately 580 linear feet of existing 12-inch pipe with 420 linear feet of 15-inch CPEP pipe and 160 linear feet of new 12-inch-diameter CPEP pipe. The five catch basins along this drainage line should be replaced with 48-inch, Type II catch basins.

#### **AC4 (Formerly AC-JC-II) Undersized Stormwater Pipes at 60<sup>th</sup> Place NE and the Surrounding Area**

The storm drain system along 60<sup>th</sup> Place NE, 64<sup>th</sup> Avenue NE, and 63<sup>rd</sup> Avenue NE was identified in the 2009 Comp Plan to have insufficient conveyance capacity. The XP-SWMM model developed for this report shows flooding will occur at the 10-year event for existing land use conditions. Since the 2009 Comp Plan, a stream restoration and capacity improvement project was completed along Jones Creek, potentially reducing the severity of this conveyance issue. The Jones Creek portion of the 2002 DNR No. 8 HEC-RAS model should be updated to include these improvements, and a new hydraulic analysis should be conducted to determine the remaining flooding issues. The recommended solution for this issue is to replace approximately 1,230 linear feet of existing 12-inch storm pipe with 450 linear feet of 18-inch-diameter CPEP pipe and 780 linear feet of 15-inch-diameter CPEP pipe. The 13 catch basins within the project area should be replaced with 48-inch, Type II catch basins.



**AC2: Undersized Culvert and Erosion at 88th St NE**  
**Issue: Capacity/ Habitat**  
**Potential Solution: Replace existing culvert with a 25-foot span concrete box culvert and install bank stabilization**

**AC1: Undersized Stormwater Pipes at 95th PINE and 67th Ave NE**  
**Issue: Capacity**  
**Potential Solution: Replace 227 LF of 12-inch pipe with 18-inch pipe**

**AC3: Undersized Stormwater Pipes at 61st St NE**  
**Issue: Capacity**  
**Potential Solution: Replace 580 LF of 12" pipe with 420 LF of 15" pipe and 160 LF of new 12" pipe**

**AC4: Undersized Stormwater Pipes at 60th Place NE**  
**Issue: Capacity**  
**Potential Solution: Replace 1,230 LF of 12" pipe with 450 LF of 18" pipe and 780 LF of 15" pipe**

	Identified Deficiency		Streams
	Allen Creek		Marysville City Limits
	King Creek		Urban Growth Boundary
	Quilceda Creek		
	Water Bodies		

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 IDENTIFIED DEFICIENCIES  
 ALLEN CREEK BASIN  
 FIGURE 3-4



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## **EBEY SLOUGH NORTH BASIN**

Two areas were identified within the Ebey Slough North Basin as needing a detailed analysis and design of both site-specific and end-of-pipe solutions to improve stormwater quality and quantity before its discharges into Ebey Slough. Figure 3-5 locates the Ebey Slough Basin areas described herein.

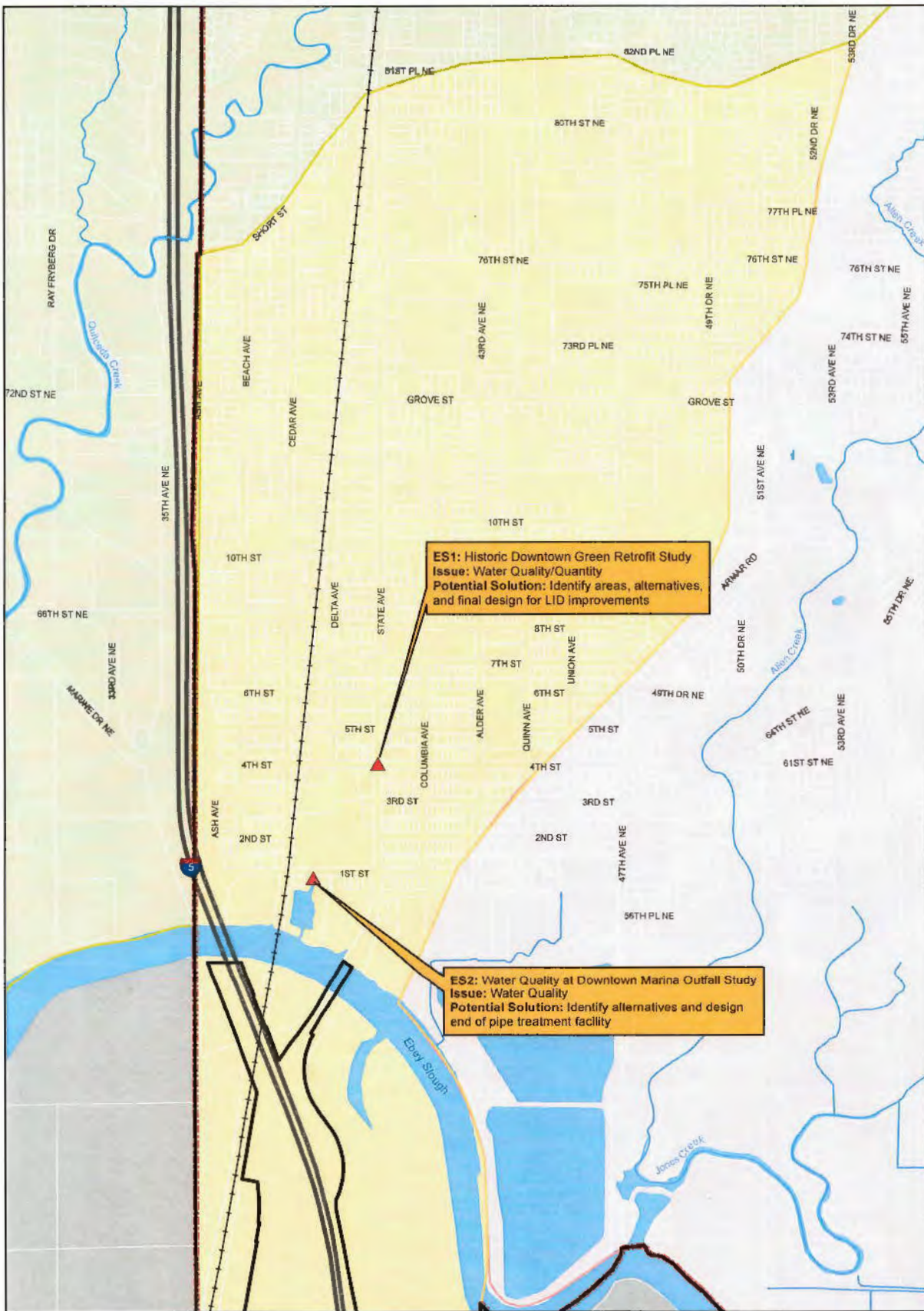
### **ES1 Historic Downtown Green Retrofit Study**

The City of Marysville would like to provide water quality treatment to stormwater runoff that is generated within its Historic Downtown District. The downtown area discharges untreated runoff from the right of way directly into Ebey Slough, an impaired waterway and a tributary of the Snohomish River. This study will start by creating criteria for the selection of ideal areas within Historic Downtown Marysville to carry forward into the design phase. The design phase will focus on using the 2014 Department of Ecology Stormwater Management Manual for Western Washington and the 2012 Low Impact Development Technical Guidance Manual for Puget Sound to implement green infrastructure principles that mimic predeveloped hydrologic conditions for the specific project areas. These mitigation techniques may include infiltration, filtration, and transpiration to improve water quality and quantity.

### **ES2 (Formerly ES-DT-03) Water Quality at Downtown Marina Outfall Study**

A study of the Downtown region should be conducted to identify alternatives and provide a design of an end-of-pipe stormwater treatment facility to accompany the water quality improvements to the 480-acre basin located upstream of the Marina area. While reductions to basin flows and creating localized treatment through LID retrofits is effective and important, significant areas of the large, older developed basin remain untreated. Creating a regional treatment facility within the system will allow for treatment of any remaining basin runoff that is not currently being addressed by treatment facilities installed to date.

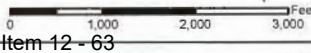
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**ES1: Historic Downtown Green Retrofit Study**  
**Issue: Water Quality/Quantity**  
**Potential Solution: Identify areas, alternatives, and final design for LID improvements**

**ES2: Water Quality at Downtown Marina Outfall Study**  
**Issue: Water Quality**  
**Potential Solution: Identify alternatives and design end of pipe treatment facility**

- ▲ Identified Deficiency
- Allen Creek Basin
- Ebey Slough Basin North
- Quilceda Creek Basin
- Water Bodies
- Streams
- BNSF Railroad
- Marysville City Limits
- Urban Growth Boundary



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**IDENTIFIED DEFICIENCIES  
 EBHEY SLOUGH BASIN NORTH**  
 FIGURE 3-5

## **KING CREEK BASIN**

One area was identified within the King Creek Basin to be a fish passage barrier, and to have insufficient culvert sizing to allow flood debris to pass through the system. Figure 3-6 locates the King Creek Basin area described below.

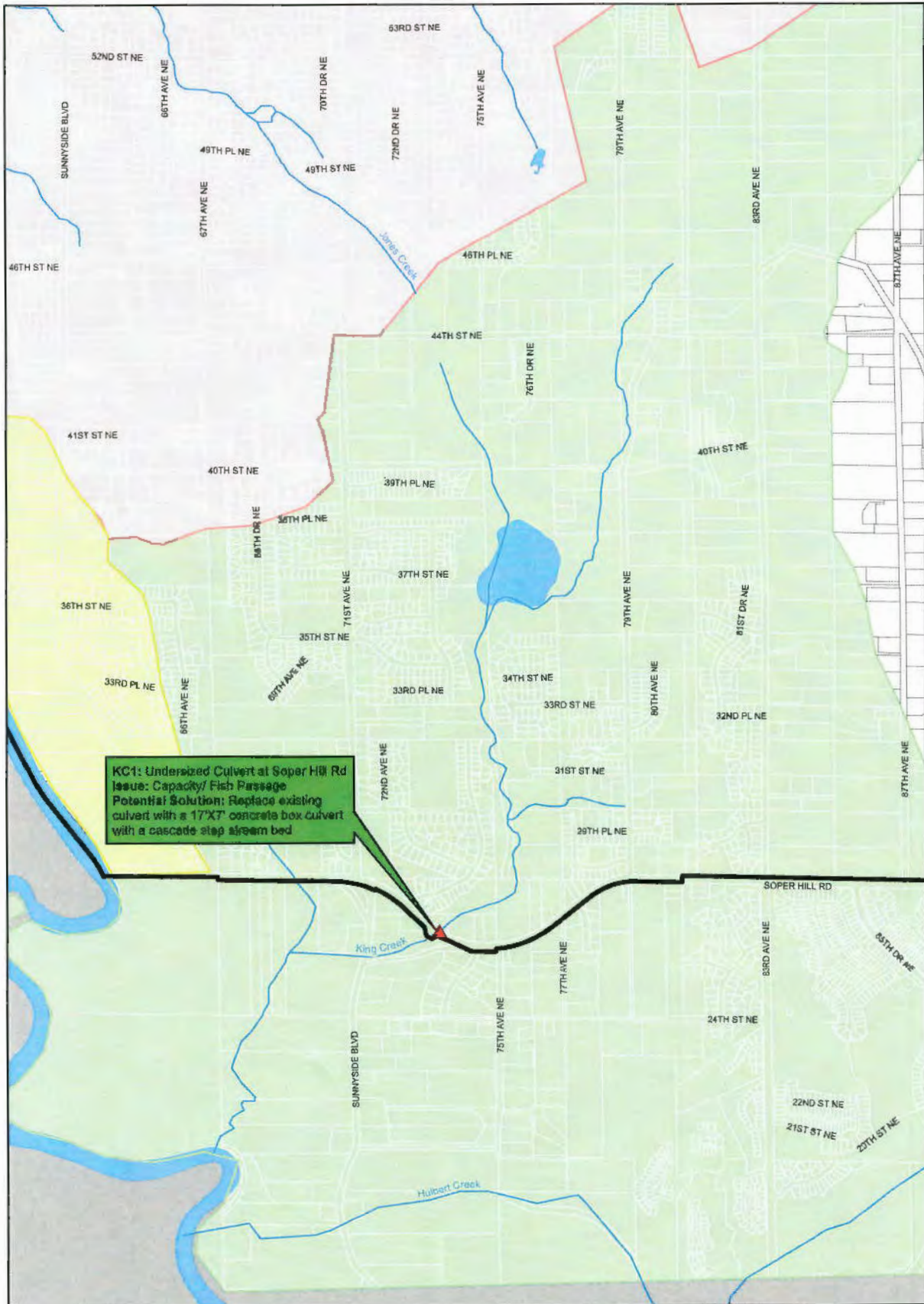
### **KC1 Undersized Culvert Along King Creek at Soper Hill Road**

City staff identified significant debris buildup at the upstream opening of the 4-foot box culvert beneath Soper Hill Road along King Creek (SD-CV-157). The debris is thought to be the result of significant flooding in 2010. The culvert was also analyzed for fish passage and was determined to be a Level A barrier. The recommended solution for this issue is to replace the existing 4-foot box culvert with a 16-foot-long, 17-foot span, 7-foot rise reinforced concrete box culvert. The culvert should be countersunk 30 percent and the stream bed inside of the culvert should be constructed using a cascade-step or pool-riffle construction to comply with WDFW 2013 Guidelines.



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**KC1: Undersized Culvert at Soper Hill Rd**  
**Issue: Capacity/ Fish Passage**  
**Potential Solution: Replace existing culvert with a 17'X7' concrete box culvert with a cascade step stream bed**

- ▲ Identified Deficiency
- Streams
- Allen Creek Basin
- Marysville City Limits
- Ebey Slough Basin South
- Urban Growth Boundary
- King Creek Basin
- Water Bodies

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**IDENTIFIED DEFICIENCIES  
 KING CREEK BASIN  
 FIGURE 3-6**

## CHAPTER 4

### CAPITAL IMPROVEMENT PLAN

#### INTRODUCTION

The City of Marysville's Stormwater Capital Improvement Plan is presented in this chapter of the 2016 Surface Water Comprehensive Plan Update. The recommended projects include structural and nonstructural elements to control both the quantity and quality of stormwater runoff, and to comply with the Washington State Department of Fish and Wildlife 2013 Water Crossing Guidelines.

The Capital Improvement Plan (CIP) was developed based on input from several sources. Sources included City staff, who identified storm drainage problems, the City's 2009 Surface Water Comprehensive Plan (2009 Comp Plan), and Snohomish County's 2002 Drainage Needs Report No. 1 and No. 8 for the Quilceda Creek Basin and the Allen Creek Basin respectively (2002 DNR No. 1 and 2002 DNR No. 8), which were both reviewed for projects completed and projects outstanding.

Whenever an inadequately sized culvert, pipe, or channel is replaced or reconstructed, the improvement may transfer the problem downstream. It is therefore strongly recommended that all improvements include analysis of downstream conditions. As a general rule, projects should proceed from the downstream end of the system towards the upstream end of the system.

Other stormwater capital improvement projects may arise in the future that are not identified as part of the City's CIP presented in this chapter. Such projects may be deemed necessary for remedying an emergency situation, assessing growth in other areas, accommodating improvements proposed by other agencies or land development, or addressing unforeseen problems with the City's storm drainage system. Due to budgetary constraints and/or addressing growth scenarios that differ from those modeled in this Plan, the construction of these projects may require changes in the proposed completion date for projects in the CIP. When new information becomes available, the City retains the flexibility to reschedule, add to, or delete proposed projects and to expand or reduce the scope of the projects, as best determined by the City. Each capital improvement project should be re-evaluated to consider the most recent relevant planning efforts as the proposed project date approaches.

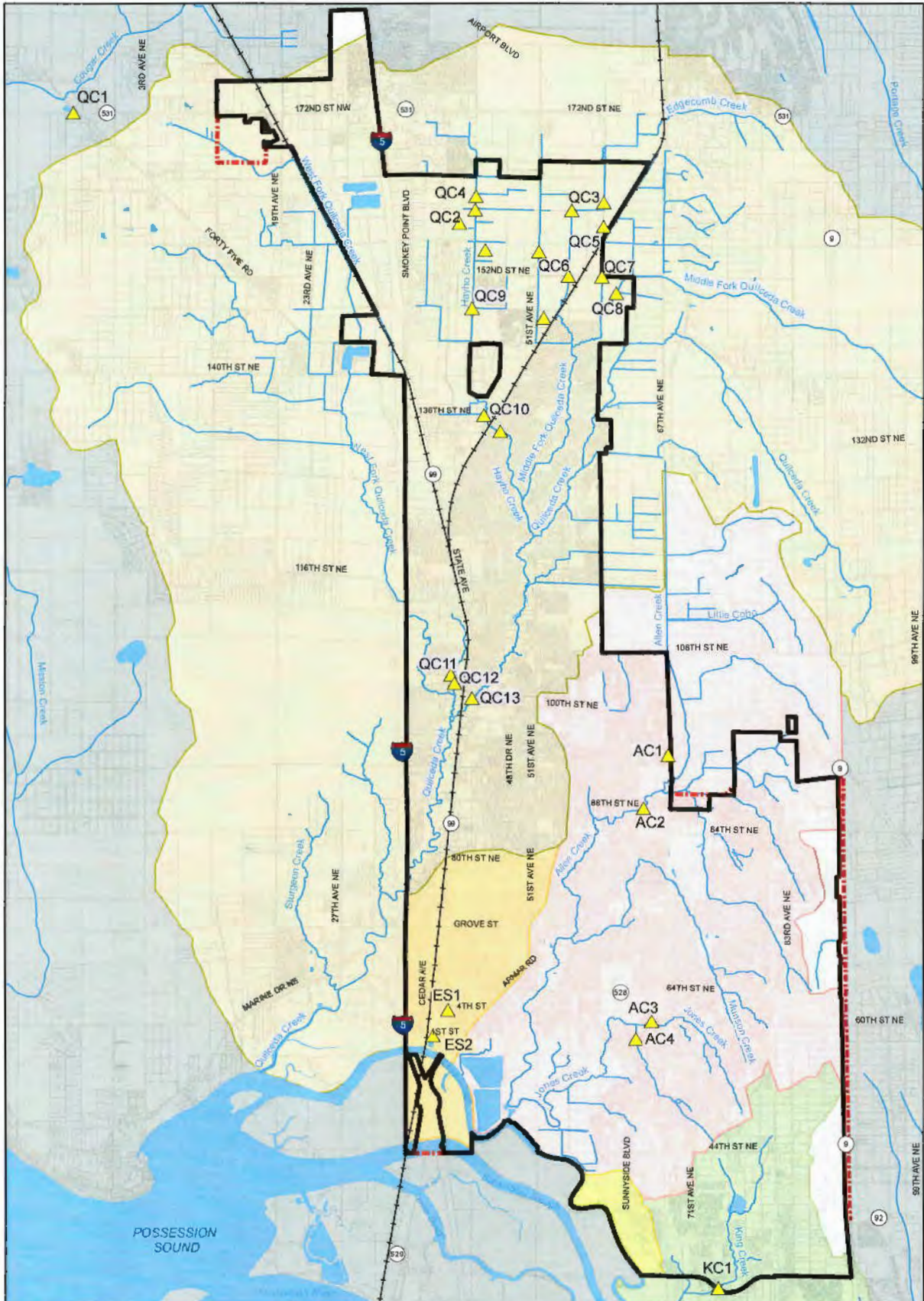
#### CAPITAL IMPROVEMENT PROJECTS

This Surface Water Comprehensive Plan Update reviewed the outstanding projects from the 2009 Comp Plan. In the 2009 Comp Plan, there were 30 capital improvement projects (CIPs) identified. Of those 30 CIPs, four have been completed or have been resolved by the completion of other projects as of Summer 2016. Interviews with City

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staff revealed four additional CIPs including a culvert replacement in the King Creek Basin (KC1), a pipe replacement west of the Quilceda Creek Basin (QC1), flood storage at 136<sup>th</sup> Street NE (QC10-A), and a feasibility/design study for green retrofit projects in the Historic Downtown area (ES1).

The recommended CIP projects scheduled for completion within future years are summarized below and are shown in Figure 4-1. Each project cost estimate includes an additional 20 percent construction contingency, 25 percent for design, engineering, and permitting, and a 9.1 percent sales tax. All project costs are based on 2016 dollars with no adjustments made for inflation in future years. The naming convention uses the initials of the drainage basin that the projects fall within, along with an identification number. It should be noted that many of the projects listed may take lengthy coordination with other agencies for permitting purposes. Permit acquisition should be considered within the project's overall schedule.



CIP Project	Water Bodies	Urban Growth Boundary
Allen Creek Basin	Streams	BNSF Railroad
Ebey Slough Basin North	Streets	Marysville City Limits
Ebey Slough Basin South		
King Creek Basin		
Quilceda Creek Basin		

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**CIP PROJECTS  
FIGURE 4-1**

## **QUILCEDA CREEK BASIN PROJECTS**

### **QC1: Stormwater Pipe Replacement at Edward Springs Reservoir**

Replace 395 linear feet of 36-inch-diameter CMP pipe with 395 linear feet of CPEP pipe. Connect to the existing Type 2 catch basins on upstream and downstream ends of the pipe. Additional inspection of upstream and downstream pipe is recommended to determine whether additional replacement is required. The project is located just north of 172<sup>nd</sup> Street NW at the Edward Springs Reservoir (Figure 4-2).

**Estimated Project Cost: \$381,000**

### **QC2: Fish Screen Installation Along Hayho Creek at 160<sup>th</sup> Street NE**

Install a fish screen along Hayho Creek upstream of 160<sup>th</sup> Avenue NE to prevent fish from being drawn into the diversion channel. Temporary bypass of flow around the work area will be necessary during construction. A biological assessment will be required prior to installation to determine the channel's suitability for fish (Figure 4-3).

**Estimated Project Cost: \$231,000**

### **QC3: Field Access Culvert Replacement along Edgecomb Creek**

Replace both 30-inch culverts with 16-foot span, 6-foot rise reinforced concrete box culverts. The culverts shall be countersunk 30 percent and the streambed within the culverts shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Temporary bypass of flow around the work area will be necessary during construction. Coordination with the property owners will be necessary for this project as these culverts are privately owned (Figure 4-4).

**Estimated Project Cost: \$617,000**

### **QC4A: Hayho Creek Channel Realignment (North Marysville Master Drainage Plan)**

Realign the headwaters of Hayho Creek through 15 acres of existing wetlands just south of the City limits, and install native wetland vegetation (Figure 4-5).

**Estimated Project Cost: \$1,680,000**

**QC4B: Conveyance for Regional Detention Pond 2 (North Marysville Master Drainage Plan)**

Provide approximately 4,400 LF of 42-inch conveyance pipe north of 152<sup>nd</sup> Street NE for the purpose of providing a main trunkline for future commercial or industrial development north of Regional Ponds 1 and 2 (Figure 4-5).

**Estimated Project Cost: \$4,901,000**

**QC4C: Hayho Creek Regional Detention Pond 3**

Construct a 3.5-acre regional detention pond at the northeast corner of 152<sup>nd</sup> Street NE and 43<sup>rd</sup> Avenue NE to detain and treat flow east of Hayho Creek that cannot reach Regional Ponds 1 or 2 (Figure 4-5).

**Estimated Project Cost: \$1,831,000**

**QC5A: Edgecomb Creek Channel Realignment (North Marysville Master Drainage Plan)**

Realign approximately two miles of Edgecomb Creek between 154<sup>th</sup> Drive NE and 172<sup>nd</sup> Street NE. This project includes installing 64 acres of forested buffer and 29 acres of wetland with native wetland vegetation. Install five fish passable culverts, two under the Burlington Northern Santa Fe Railroad, two railroad access road culverts, and one culvert under 152<sup>nd</sup> Street NE. Early permit coordination with Burlington Northern is encouraged prior to beginning a full design for the project (Figure 4-6).

**Estimated Project Cost: \$19,042,000**

**QC5B: Edgecomb Creek Conveyance (North Marysville Master Drainage Plan)**

Conveyance to the regional detention pond (Project QC5C) will require the installation of approximately 2,100 linear feet of 24-inch pipe, 1,300 linear feet of 30-inch pipe, 3,250 linear feet of 36-inch-diameter pipe, 1,300 linear feet of 42-inch pipe, and 2,600 linear feet of 54-inch-diameter pipe. The project will also require the installation of approximately 33 manholes ranging in size from 48 inch to 84 inch (Figure 4-6).

**Estimated Project Cost: \$8,517,000**

**QC5C: Edgecomb Creek Regional Detention Facility (North Marysville Master Drainage Plan)**

Construct a 20-acre regional detention pond at the south end of the project area between 51<sup>st</sup> Avenue NE and the Burlington Northern Santa Fe Railroad (Figure 4-6).

**Estimated Project Cost: \$5,054,000**

**QC6: Culvert Replacement along Edgecomb Creek at 152<sup>nd</sup> Street NE**

Replace the existing 36-inch culvert with a 17-foot span, 6-foot rise reinforced concrete box culvert. The culvert shall be countersunk 30 percent and the streambed within the culvert shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-7).

**Estimated Project Cost: \$489,000**

**QC7: Culvert Replacement along Olaf Strad Creek at 152<sup>nd</sup> Street NE**

Replace the existing 36-inch culvert with a 15-foot span, 5-foot rise reinforced concrete box culvert. The culvert shall be countersunk 30 percent and the streambed within the culvert shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-8).

**Estimated Project Cost: \$520,000**

**QC8: Culvert Replacement and Channel Restoration along Middle Fork Quilceda Creek at Strawberry Fields Trail**

Replace the existing 36-inch culvert with a 19-foot span, 7-foot rise reinforced concrete box culvert. The culvert shall be countersunk 30 percent and the streambed within the culvert shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Install native riparian vegetation and large woody debris (LWD) along 1,750 linear feet of existing channel. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-9).

**Estimated Project Cost: \$548,000**



**QC9: Berm Installation at 43<sup>rd</sup> Avenue and Emerald Hills Estates**

Install a berm on the downstream side of the 24-inch culvert under 43<sup>rd</sup> Avenue, and excavate the ditch on the northwest side of the berm to allow temporary storage of street runoff and backwatering from Hayho Creek during periods of active beaver dams (Figure 4-10).

**Estimated Project Cost: \$69,000**

**QC10: Stabilization of Hayho Creek between the BNSF Railroad and 47<sup>th</sup> Drive NE**

Stabilize 850 linear feet of Hayho Creek by regrading and installing LWD and riparian vegetation along streambank. Biological assessment of the stream and riparian corridor is necessary (Figure 4-11).

**Estimated Project Cost: \$2,882,000**

**QC10A: Runoff Storage Along 136<sup>th</sup> Street NE at 45<sup>th</sup> Avenue**

Install a stormwater storage pond along 136<sup>th</sup> Street NE, just west of 45<sup>th</sup> Avenue NE. Regrade a portion of the ditch upstream from the pond site and replace 145 linear feet of 15-inch HDPE pipe upstream of the ditch excavation with 145 linear feet of 18-inch CPEP pipe (Figure 4-11).

**Estimated Project Cost: \$425,000**

**QC11: Culvert Removal and Bridge Installation at 104<sup>th</sup> Street NE**

Replace the existing 4-foot box culvert with a 50-foot prefabricated bridge. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-12).

**Estimated Project Cost: \$1,017,000**

**QC12: Culvert Removal and Bridge Installation at 103<sup>rd</sup> Street NE**

Replace the existing 24-inch culvert with a 50-foot prefabricated bridge. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-13).

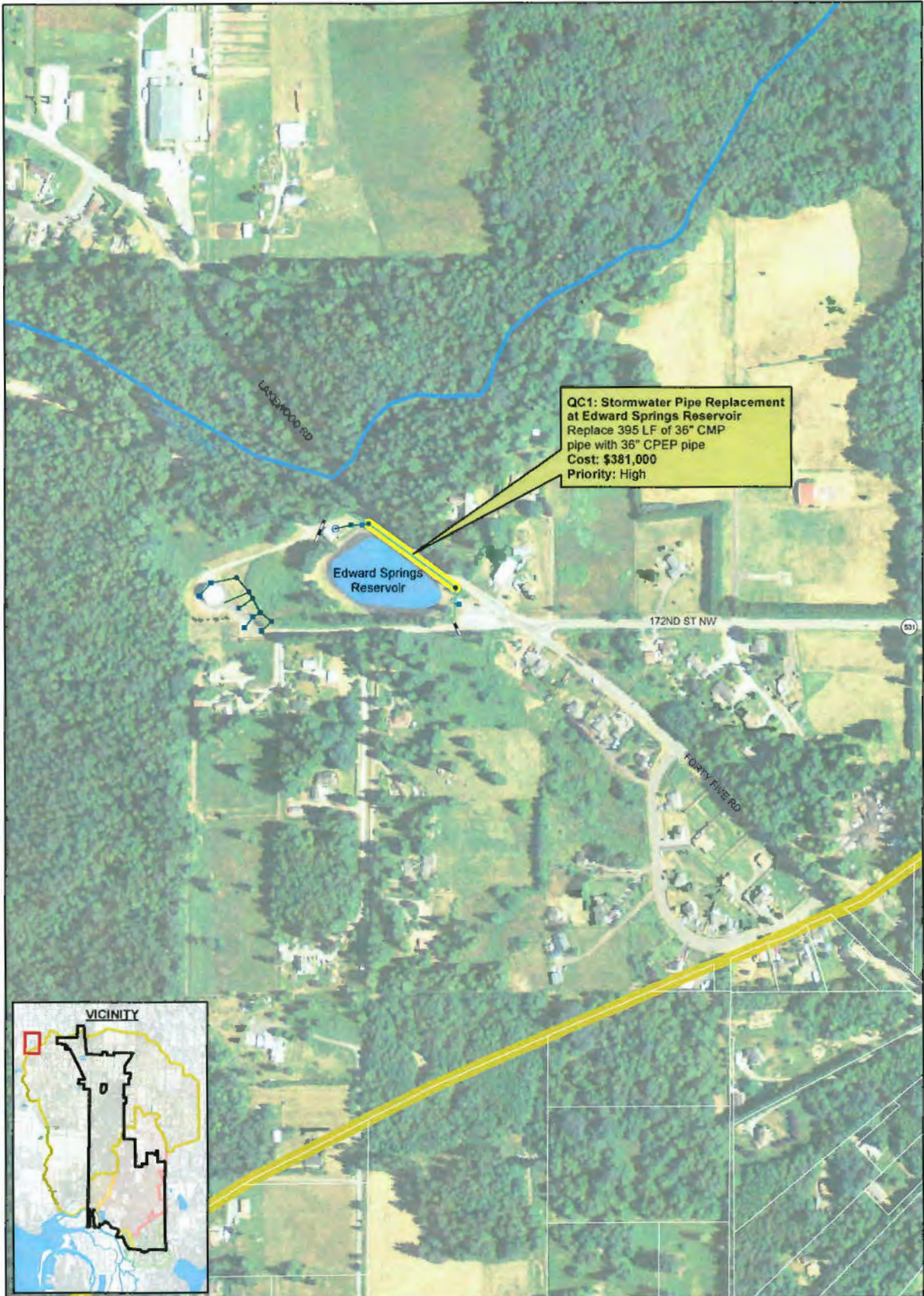
**Estimated Project Cost: \$980,000**

**QC13: Culvert Removal and Bridge Installation Along Quilceda Creek at State Avenue**

Remove both existing 6-foot span, 6-foot rise concrete box culverts and install a 180-foot prefabricated bridge along State Avenue. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-14).

**Estimated Project Cost: \$6,755,000**

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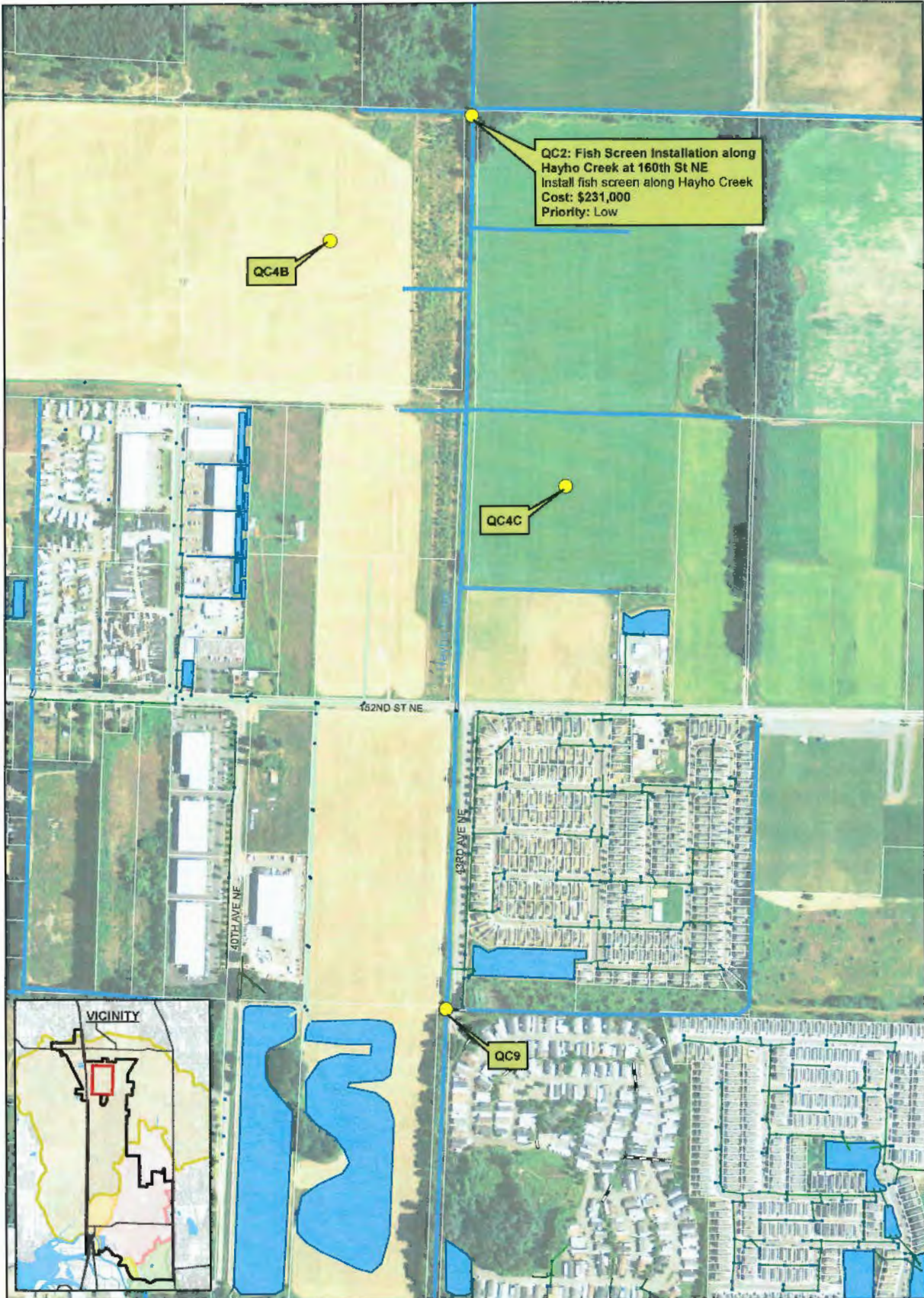
<b>Stormlines</b>	<b>Catch Basin</b>	<b>CIP Project</b>	<b>Streams</b>
— < 8 inch	■ CB Type 1	— Culvert	— Water Bodies
— 8 - 12 inch	● CB Type 2	— Marysville City Limits	
— 30 - 36 inch	⊙ CB Type 3		

0 1,000 1,500 Feet

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**CIP PROJECTS (QC1)**  
**FIGURE 4-2**

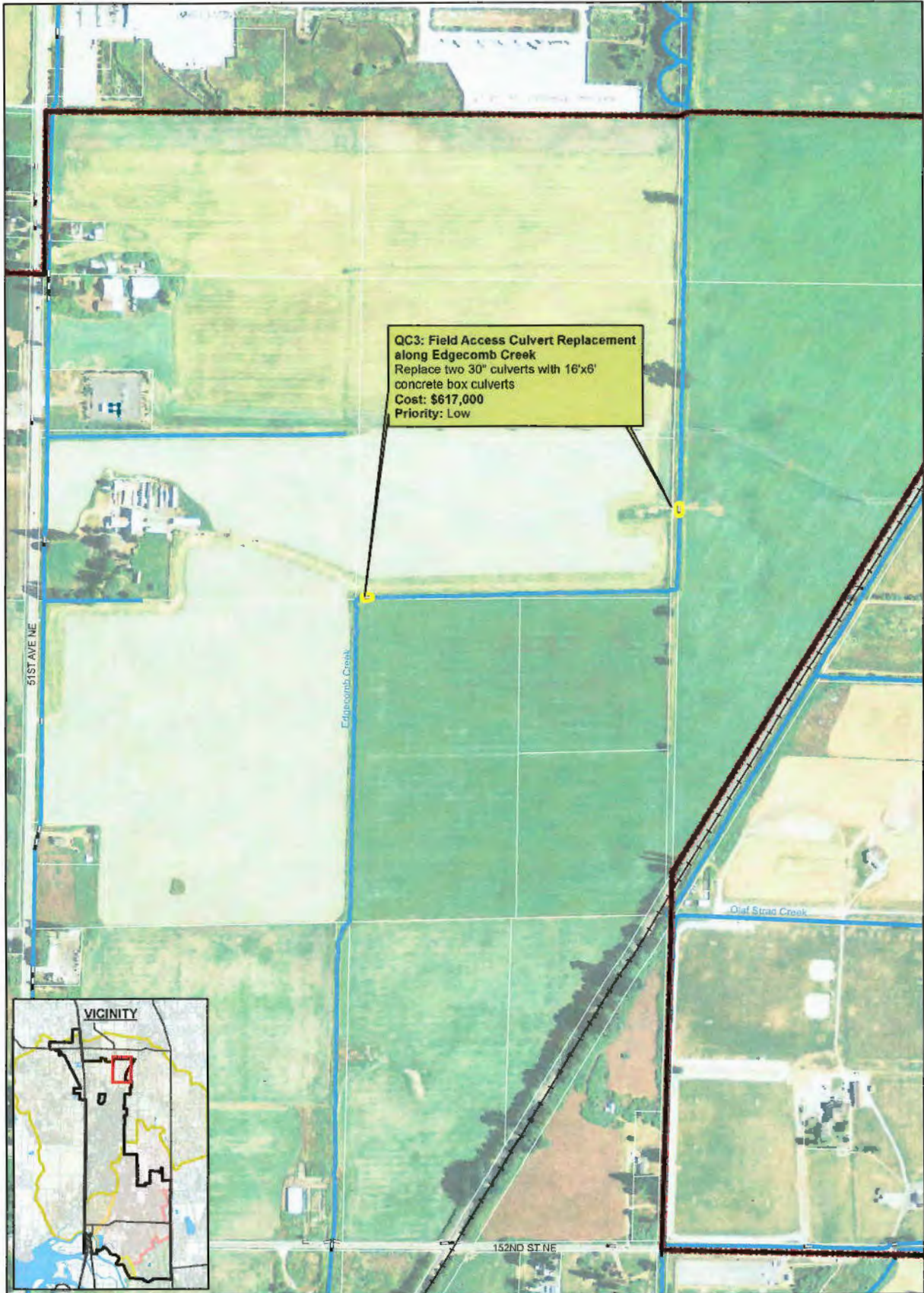


- Stormlines**
- < 8 inch
  - 8 - 12 inch
  - 13 - 18 inch
  - 21 - 28 inch
  - 30 - 36 inch
  - > 42 inch
  - Storm Facilities

- Catch Basin**
- CB Type 1
  - CB Type 2
  - CB Type 3
  - CIP Project
  - Culvert
  - Streams

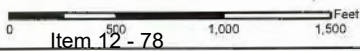


2016 SURFACE WATER  
COMPREHENSIVE PLAN UPDATE  
CIP PROJECTS (QC2)  
FIGURE 4-3



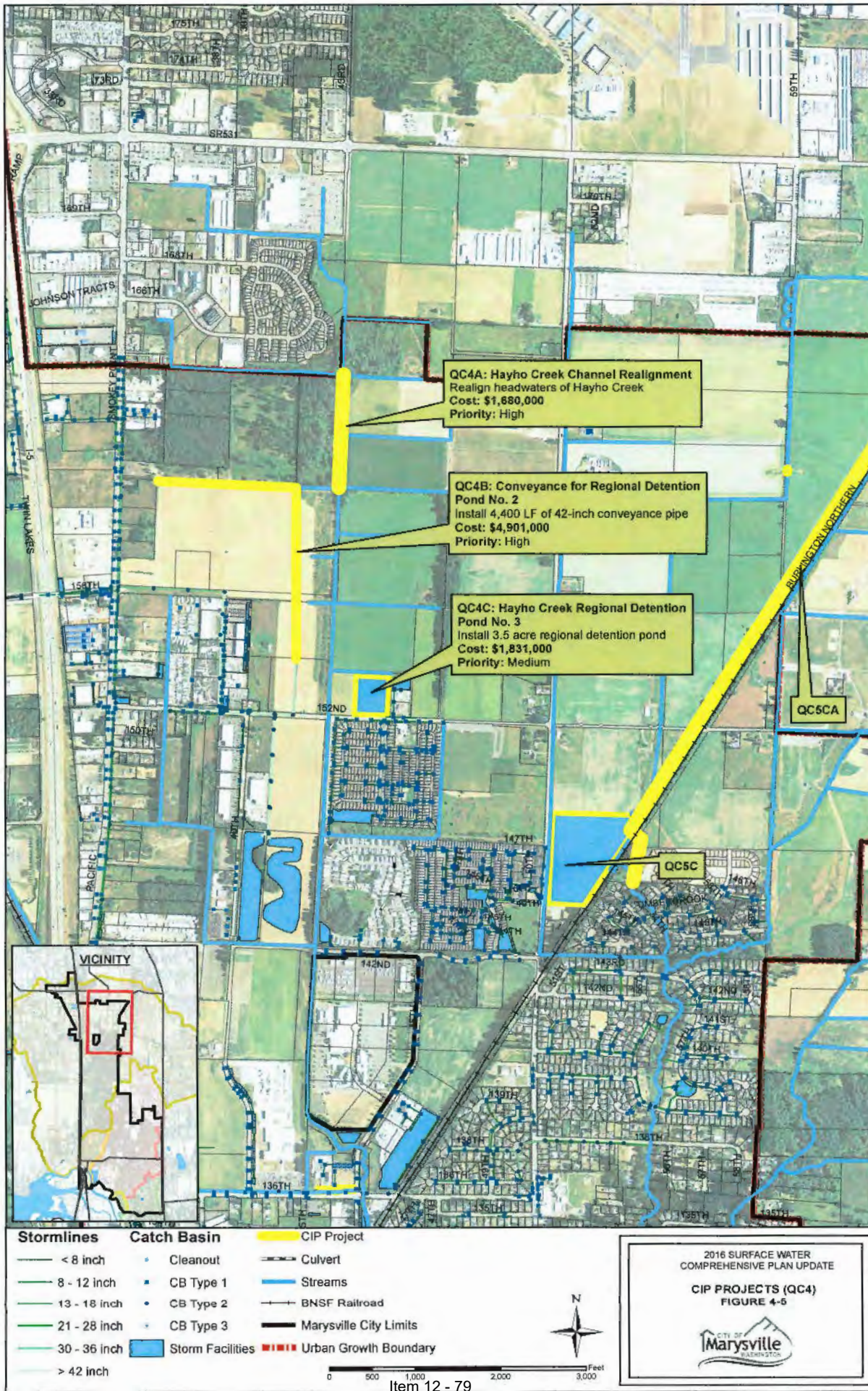
**QC3: Field Access Culvert Replacement along Edgecomb Creek**  
 Replace two 30" culverts with 16'x6' concrete box culverts  
 Cost: \$617,000  
 Priority: Low

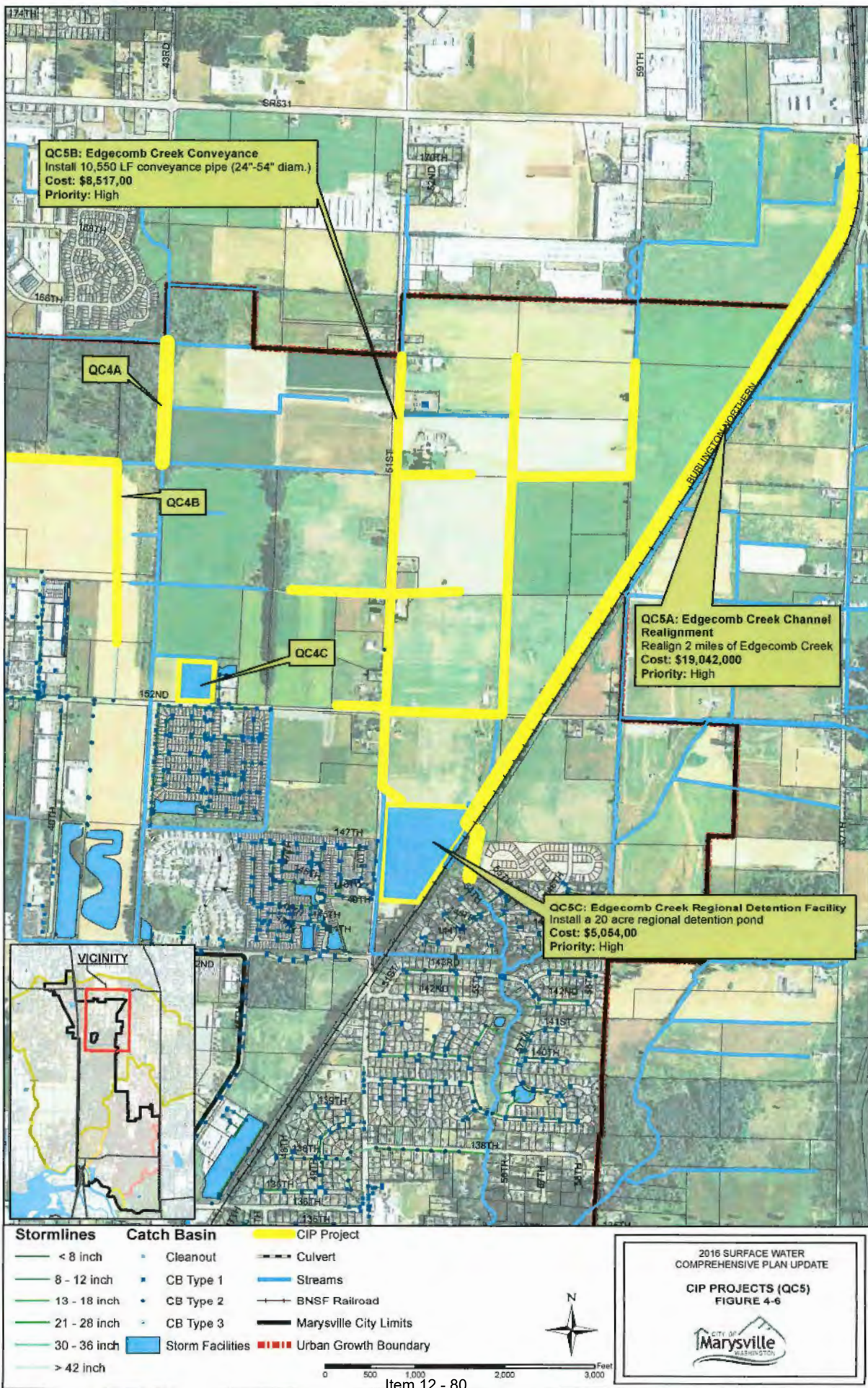
- |                   |                    |                    |                               |
|-------------------|--------------------|--------------------|-------------------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b> | <b>Marysville City Limits</b> |
| — < 8 inch        | • Cleanout         | — Culvert          | --- Urban Growth Boundary     |
|                   | • CB Type 1        | — Streams          | — BNSF Railroad               |
|                   | • CB Type 2        |                    |                               |



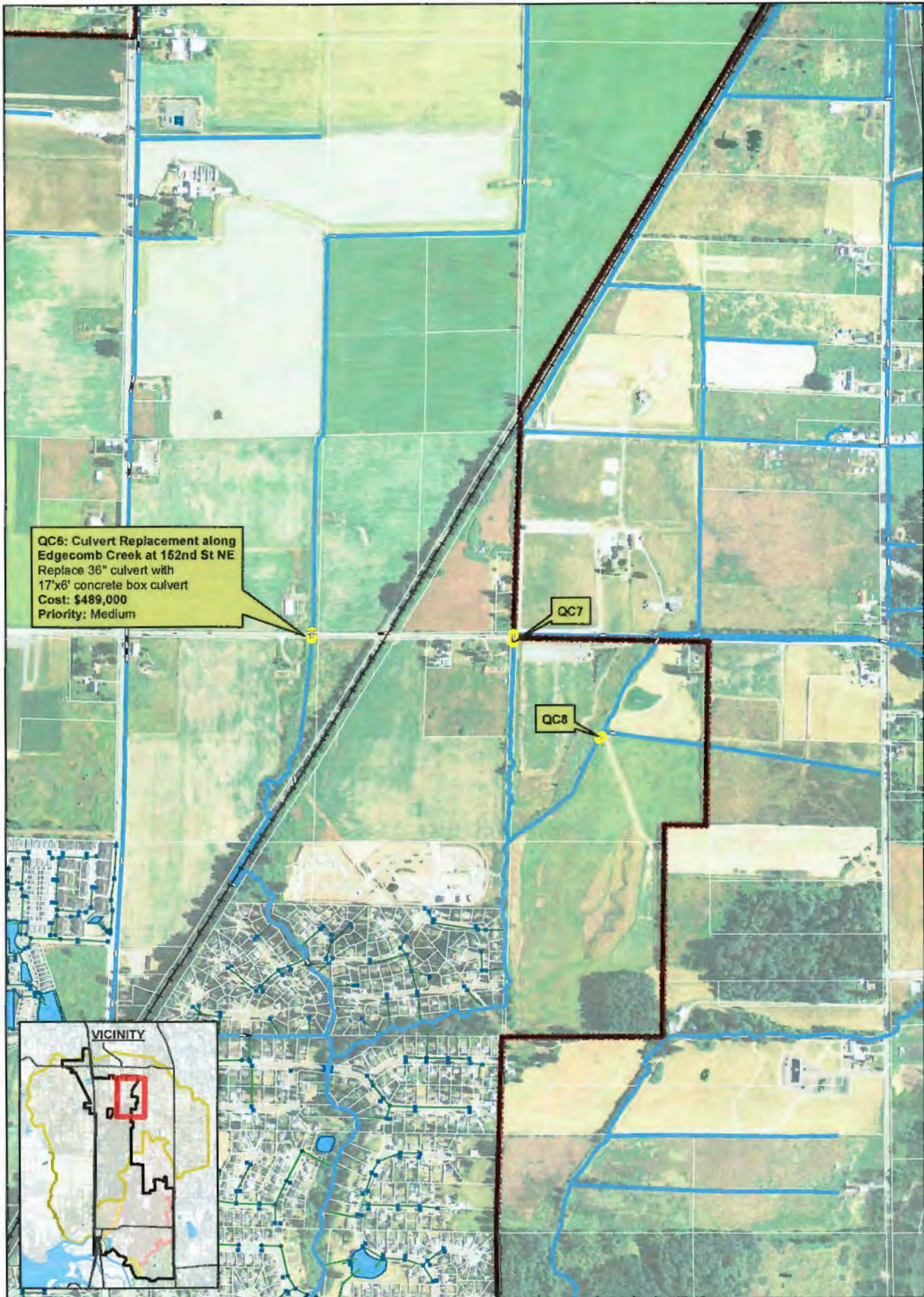
2016 SURFACE WATER  
 COMPREHENSIVE PLAN UPDATE

**CIP PROJECTS (QC3)**  
**FIGURE 4-4**





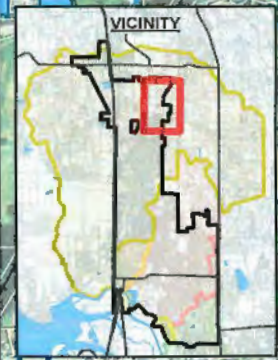




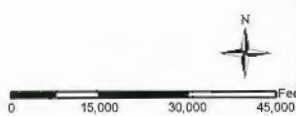
**QC6: Culvert Replacement along Edgecomb Creek at 162nd St NE**  
 Replace 36" culvert with 17'x6' concrete box culvert  
 Cost: \$489,000  
 Priority: Medium

QC7

QC8

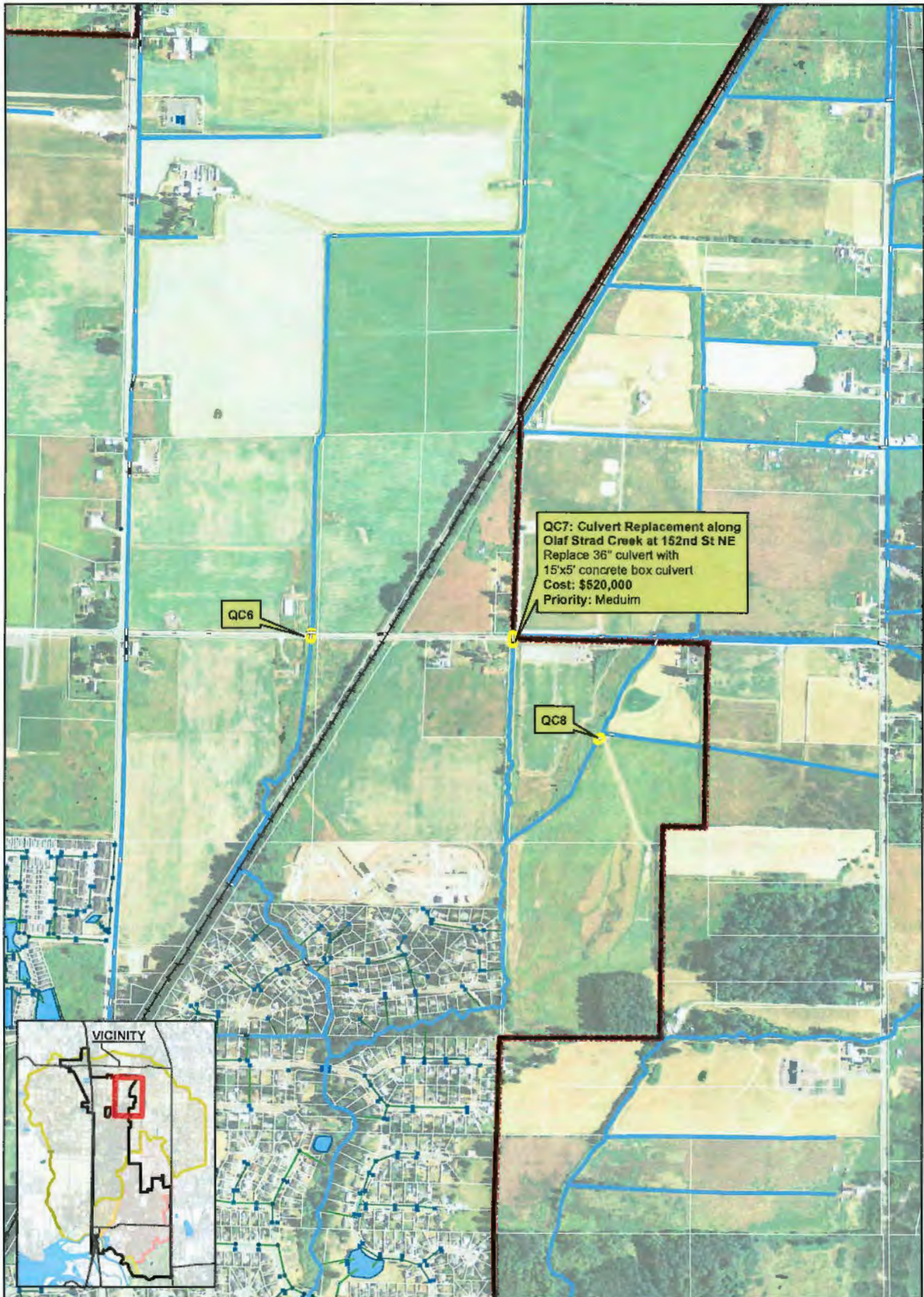


- |                   |                    |                          |
|-------------------|--------------------|--------------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b>       |
| — < 8 inch        | • CLEANOUT         | — Culvert                |
| — 8 - 12 inch     | • CB Type 1        | — BNSF Railroad          |
| — 13 - 16 inch    | • CB Type 2        | — Marysville City Limits |
| — 21 - 28 INCH    | • CB TYPE 3        | — Urban Growth Boundary  |
| — 30 - 36 INCH    |                    |                          |
| — > 42 INCH       |                    |                          |



2016 SURFACE WATER  
 COMPREHENSIVE PLAN UPDATE

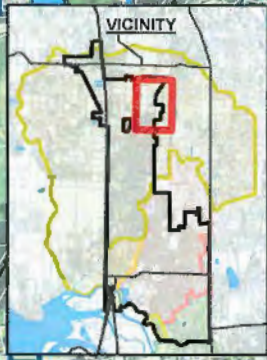
**CIP PROJECTS (QC6)**  
**FIGURE 4-7**



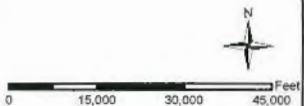
**QC7: Culvert Replacement along Olaf Strad Creek at 152nd St NE**  
 Replace 36" culvert with 15'x5' concrete box culvert  
 Cost: \$520,000  
 Priority: Medium

QC6

QC8

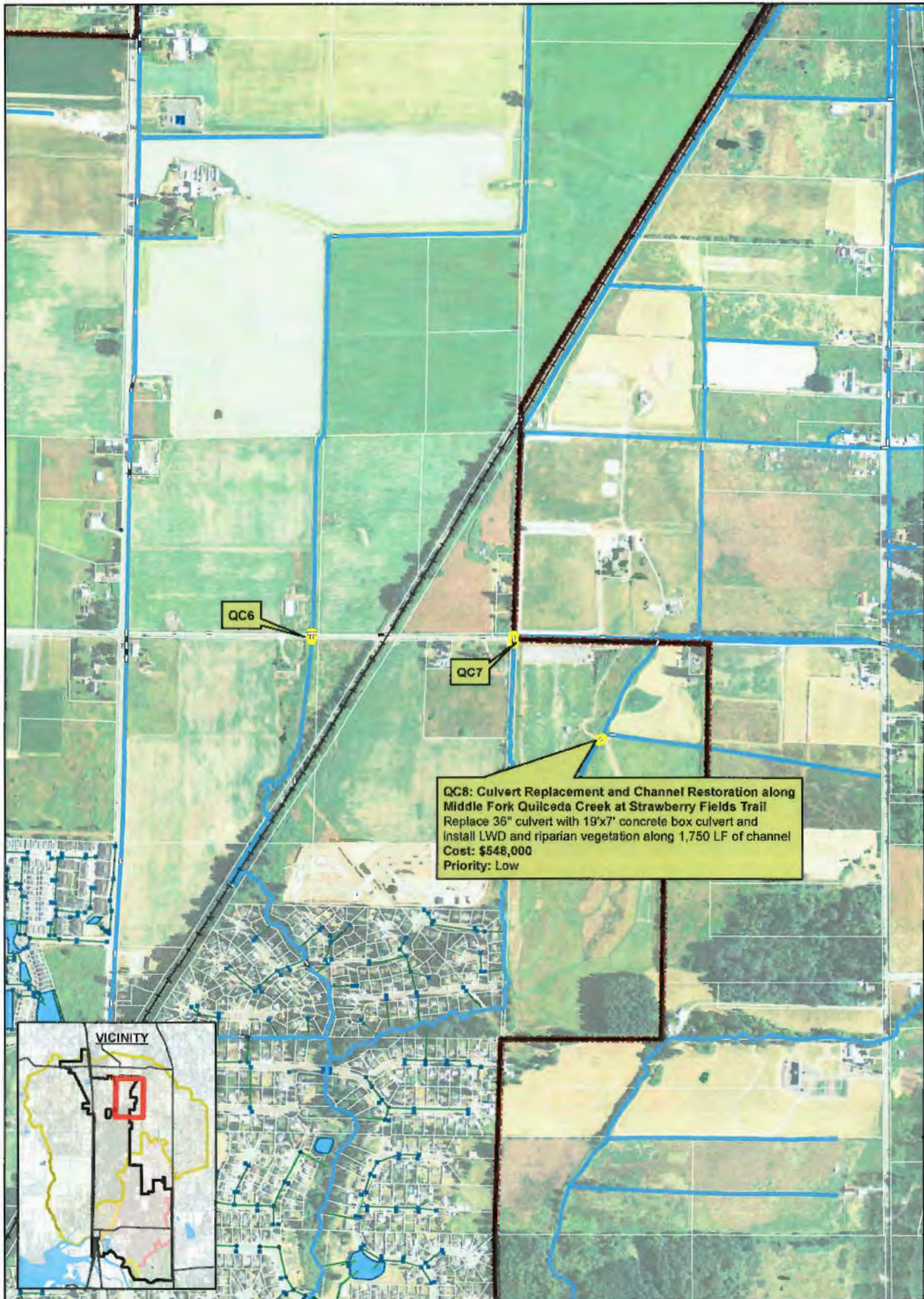


- |                   |                    |                          |
|-------------------|--------------------|--------------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b>       |
| — < 8 inch        | • CLEANOUT         | — Culvert                |
| — 8 - 12 inch     | • CB Type 1        | — BNSF Railroad          |
| — 13 - 18 inch    | • CB Type 2        | — Marysville City Limits |
| — 21 - 28 INCH    | • CB TYPE 3        | ■ Urban Growth Boundary  |
| — 30 - 36 INCH    |                    |                          |
| — > 42 INCH       |                    |                          |

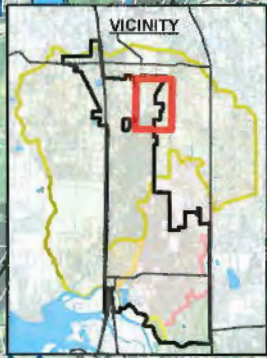


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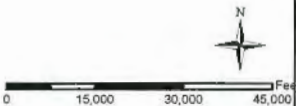
**CIP PROJECTS (QC7)**  
**FIGURE 4-8**



**QC8: Culvert Replacement and Channel Restoration along Middle Fork Quicceda Creek at Strawberry Fields Trail**  
 Replace 36" culvert with 19'x7' concrete box culvert and install LWD and riparian vegetation along 1,750 LF of channel  
 Cost: \$548,000  
 Priority: Low

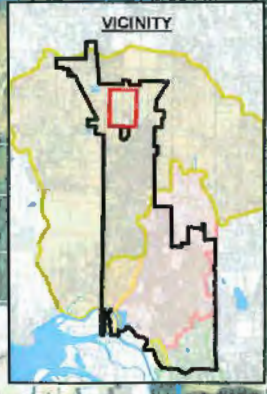
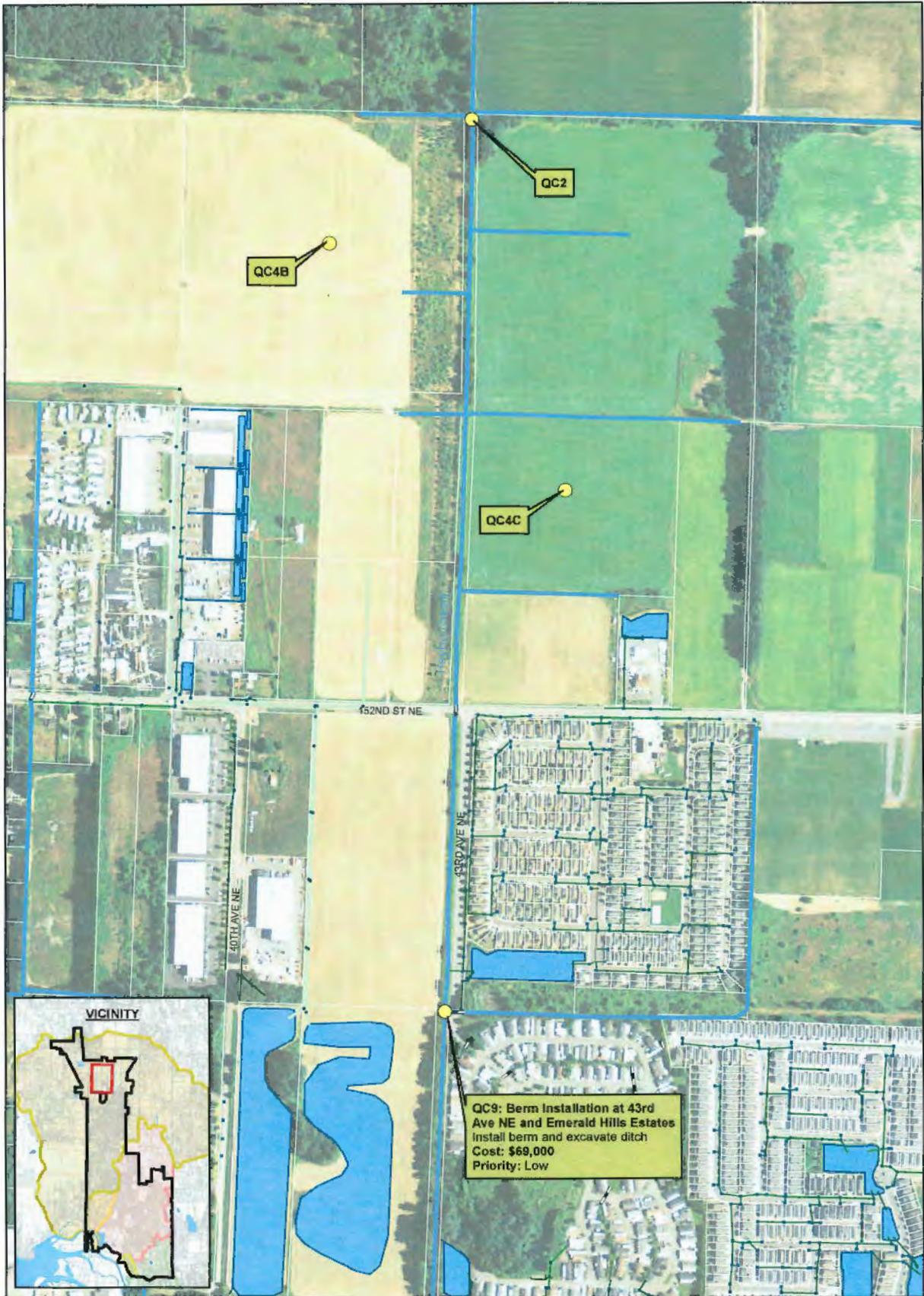


- | Stormlines     | Catch Basin | CIP Project              |
|----------------|-------------|--------------------------|
| — < 8 inch     | • CLEANOUT  | — Culvert                |
| — 8 - 12 inch  | • CB Type 1 | — BNSF Railroad          |
| — 13 - 18 inch | • CB Type 2 | — Marysville City Limits |
| — 21 - 28 INCH | • CB TYPE 3 | — Urban Growth Boundary  |
| — 30 - 36 INCH |             |                          |
| — > 42 INCH    |             |                          |



2016 SURFACE WATER  
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**CIP PROJECTS (QC8)**  
**FIGURE 4-9**



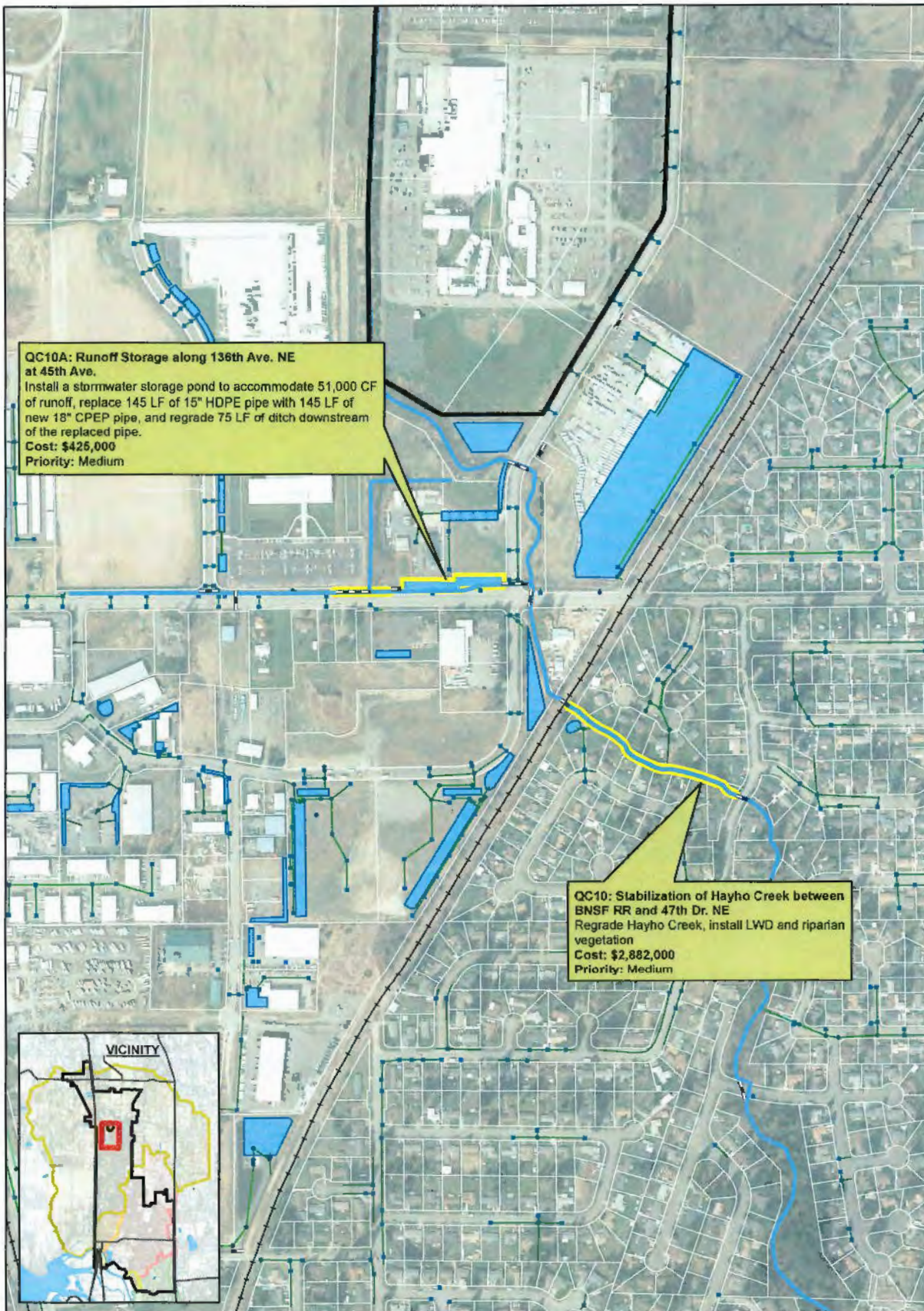
**QC9: Berm Installation at 43rd Ave NE and Emerald Hills Estates**  
 Install berm and excavate ditch  
 Cost: \$69,000  
 Priority: Low

<b>Stormlines</b>	<ul style="list-style-type: none"> <li><span style="color: green;">—</span> 21 - 28 inch</li> <li><span style="color: green;">—</span> 30 - 36 inch</li> <li><span style="color: green;">—</span> 8 - 12 inch</li> <li><span style="color: green;">—</span> 13 - 18 inch</li> <li><span style="color: green;">—</span> &lt; 8 inch</li> <li><span style="color: green;">—</span> &gt; 42 inch</li> </ul>	<b>Catch Basin</b>	<ul style="list-style-type: none"> <li><span style="color: blue;">—</span> Culvert</li> <li><span style="color: blue;">—</span> Streams</li> </ul>
	<ul style="list-style-type: none"> <li><span style="background-color: blue; width: 15px; height: 10px; display: inline-block;"></span> Storm Facilities</li> </ul>	<ul style="list-style-type: none"> <li>• CB Type 1</li> <li>• CB Type 2</li> <li>• CB Type 3</li> <li>• CIP Project</li> </ul>	

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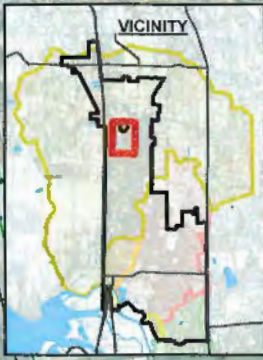
**CIP PROJECTS (QC9)**  
 FIGURE 4-10





**QC10A: Runoff Storage along 136th Ave. NE at 45th Ave.**  
 Install a stormwater storage pond to accommodate 51,000 CF of runoff, replace 145 LF of 15" HDPE pipe with 145 LF of new 18" CPEP pipe, and regrade 75 LF of ditch downstream of the replaced pipe.  
 Cost: \$425,000  
 Priority: Medium

**QC10: Stabilization of Hayho Creek between BNSF RR and 47th Dr. NE**  
 Regrade Hayho Creek, install LWD and riparian vegetation  
 Cost: \$2,882,000  
 Priority: Medium



- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b> |
| — < 8 inch        | • CLEANOUT         | — Culvert          |
| — 8 - 12 inch     | • CB Type 1        | — Streams          |
| — 13 - 18 inch    | • CB Type 2        | — BNSF Railroad    |
| — 21 - 28 inch    | • CB Type 3        |                    |
| — 30 - 36 inch    |                    |                    |
| — > 42 inch       |                    |                    |



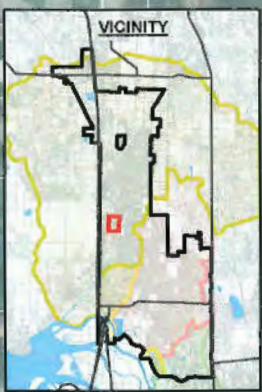
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 COMPREHENSIVE PLAN UPDATE  
**CIP PROJECTS (QC10, QC10A)**  
 FIGURE 4-11



**QC11: Culvert Removal and Bridge Installation at 104th St NE**  
 Replace 4' box culvert and 18" CMP culvert with a 50' prefabricated bridge  
 Cost: \$1,017,000  
 Priority: Medium

**QC12**

**QC13**



<b>Stormlines</b>	<b>Catch Basin</b>	<b>CIP Project</b>	<b>BNSF Railroad</b>
— < 8 inch	■ CB Type 1	— Culvert	— Streams
— 8 - 12 inch	● CB Type 2	■ Water Bodies	
— 13 - 18 inch	■ Storm Facilities		

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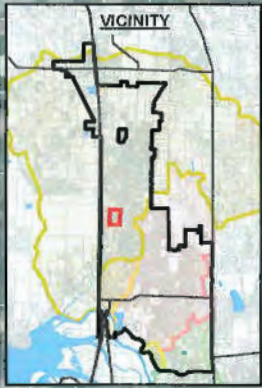
**CIP PROJECTS (QC11)**

**FIGURE 4-12**





**QC12: Culvert Removal and Bridge Installation at 103rd St NE**  
 Replace 24" concrete culvert with a 50' prefabricated bridge  
 Cost: \$980,000  
 Priority: Medium



<b>Stormlines</b>	<b>Catch Basin</b>	<b>CIP Project</b>	<b>BNSF Railroad</b>
— < 8 inch	■ CB Type 1	--- Culvert	— Streams
— 8 - 12 inch	● CB Type 2	■ Water Bodies	
— 13 - 18 inch	■ Storm Facilities		

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**CIP PROJECTS (QC12)**  
**FIGURE 4-13**



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**QC13: Culvert Removal and Bridge Installation along Quilceda Creek at State Ave**  
 Remove existing 6' box culverts and install a 180' prefabricated bridge  
 Cost: \$6,755,000  
 Priority: High

**Stormlines**

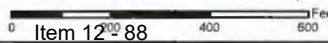
- < 8 inch
- 8 - 12 inch
- 13 - 18 inch

**Catch Basin**

- CB Type 1
- ◆ CB Type 2
- Storm Facilities

- CIP Project
- Culvert
- Water Bodies

- BNSF Railroad
- Streams



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**CIP PROJECTS (QC13)**  
 FIGURE 4-14



**ALLEN CREEK BASIN****AC1: Storm Pipe Replacement at 95<sup>th</sup> Street NE and 67<sup>th</sup> Avenue NE**

Replace 227 linear feet of existing 12-inch-diameter storm pipe with 18-inch-diameter CPEP pipe. Replace one 48-inch Type 2 catch basin (Figure 4-15).

**Estimated Project Cost: \$161,000**

**AC2: Culvert Replacement and Erosion Control Measures at 88<sup>th</sup> Street NE**

Replace the existing 7-foot span, 5-foot rise box culvert with a 25-foot span 10-foot rise reinforced concrete box culvert. The culvert shall be countersunk 30 percent and the streambed within the culvert shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. Remove loose rip rap from the channel and install 50 linear feet of bioengineered bank stabilization measures along the eroded south bank. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-16).

**Estimated Project Cost: \$898,000**

**AC3: Storm Pipe Replacement at 61<sup>st</sup> Street NE Cul-de-Sac**

Replace approximately 580 linear feet of existing 12-inch pipe with 420 linear feet of 15-inch CPEP pipe and 160 linear feet of new 12-inch-diameter CPEP pipe. Replace five 48-inch Type 2 catch basins (Figure 4-17).

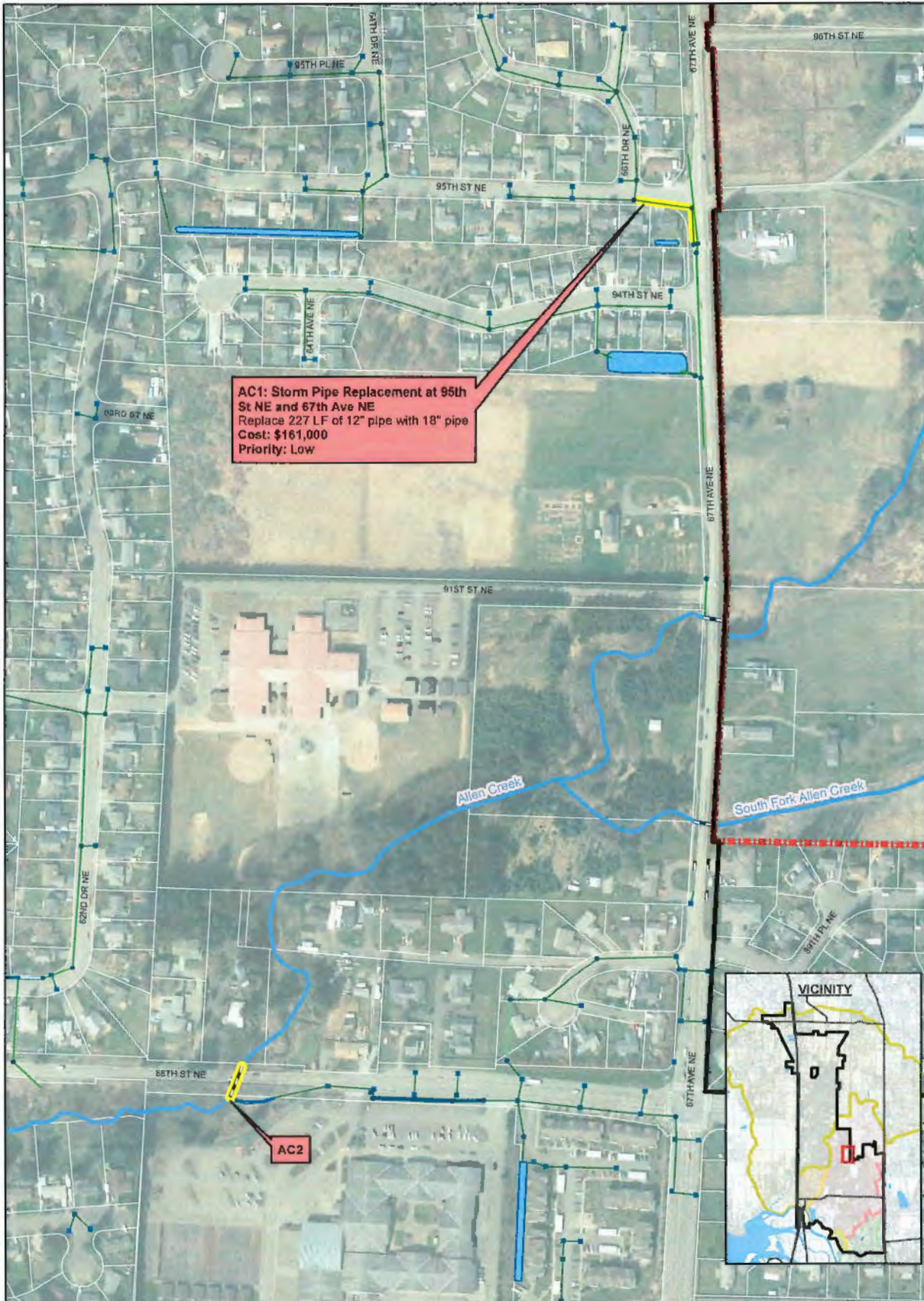
**Estimated Project Cost: \$323,000**

**AC4: Storm Pipe Replacement at 60<sup>th</sup> Place NE and Surrounding Area**

Replace approximately 1,230 linear feet of existing 12-inch storm pipe with 450 linear feet of 18-inch-diameter CPEP pipe and 780 linear feet of 15-inch-diameter CPEP pipe. Replace 13 48-inch Type 2 catch basins (Figure 4-18).

**Estimated Project Cost: \$654,000**

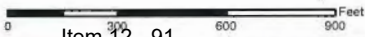
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**AC1: Storm Pipe Replacement at 95th St NE and 67th Ave NE**  
 Replace 227 LF of 12" pipe with 18" pipe  
 Cost: \$161,000  
 Priority: Low

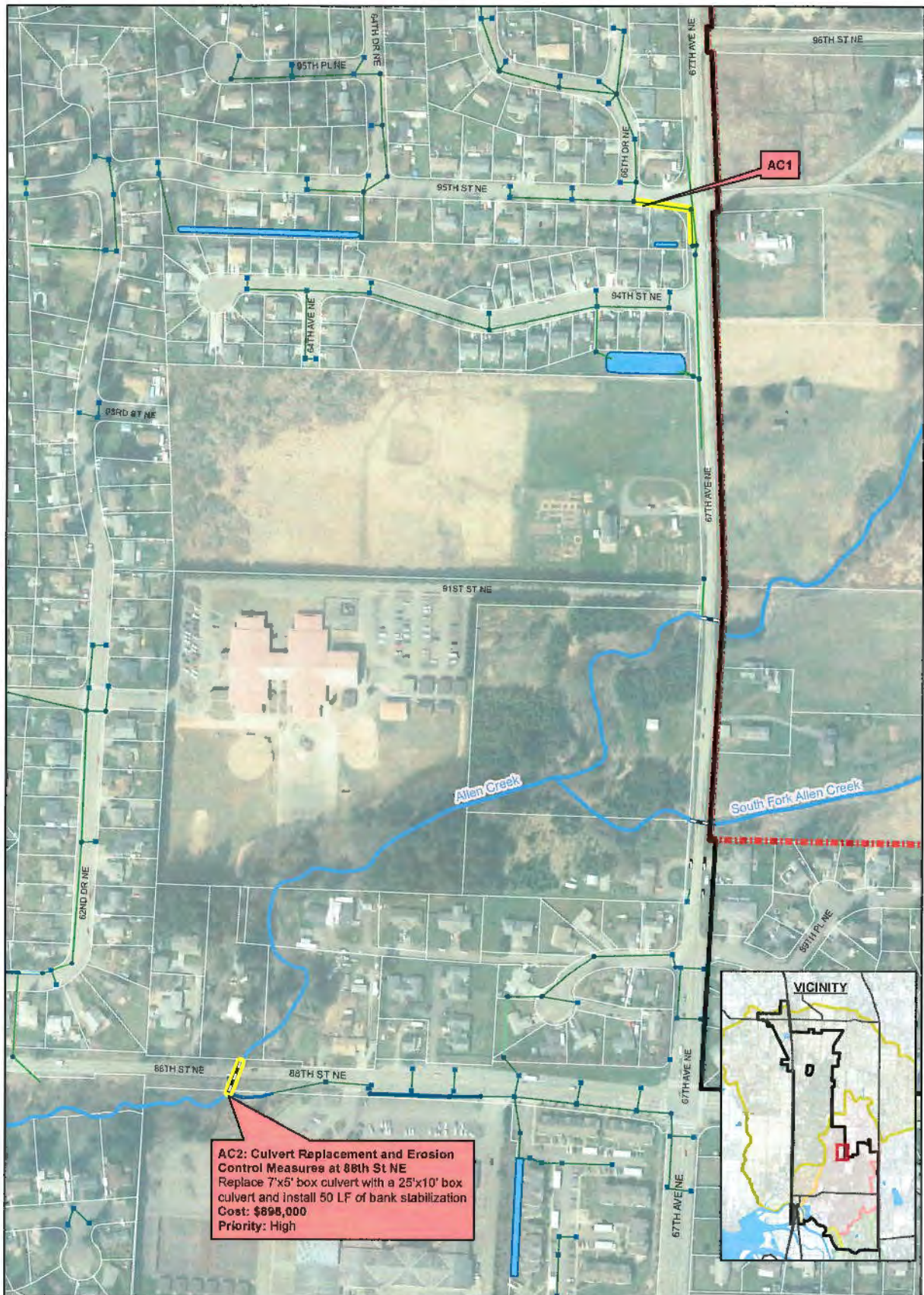
**AC2**

- |                   |                    |                               |
|-------------------|--------------------|-------------------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>Marysville City Limits</b> |
| — < 8 inch        | ■ CB Type 1        | — Marysville City Limits      |
| — 8 - 12 inch     | ● CB Type 2        | ▬ Urban Growth Boundary       |
| — 13 - 18 inch    | ■ Storm Facilities |                               |
| — 21 - 28 inch    | ■ CIP Project      |                               |
| — 30 - 38 inch    | — Culvert          |                               |
| — > 42 inch       | — Streams          |                               |



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**CIP PROJECTS (AC1)**  
 FIGURE 4-15



**AC2: Culvert Replacement and Erosion Control Measures at 88th St NE**  
 Replace 7'x5' box culvert with a 25'x10' box culvert and install 50 LF of bank stabilization  
 Cost: \$695,000  
 Priority: High

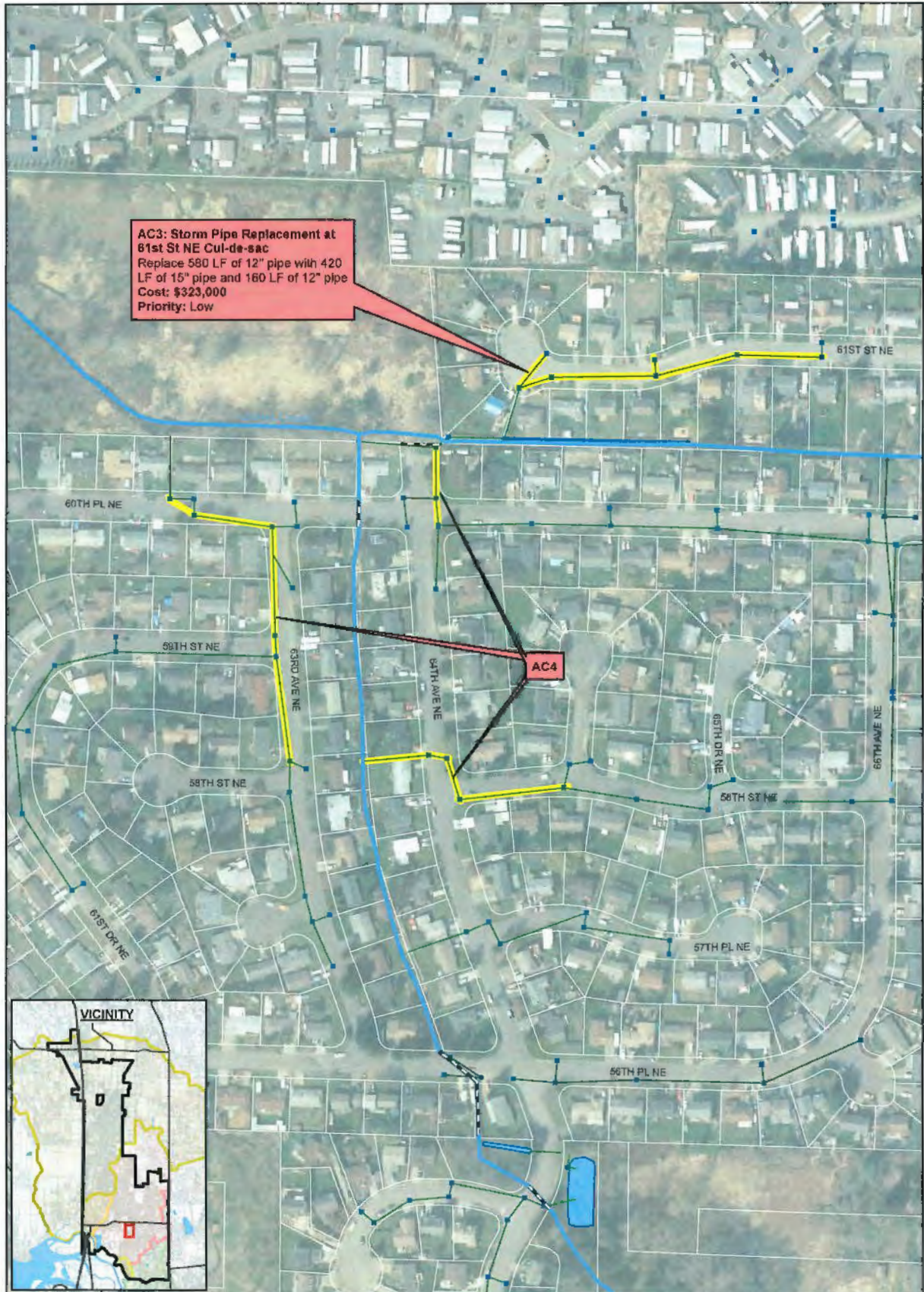
<b>Stormlines</b>	<b>Catch Basin</b>	<b>Marysville City Limits</b>
— < 8 inch	■ CB Type 1	— Marysville City Limits
— 8 - 12 inch	● CB Type 2	■ Urban Growth Boundary
— 13 - 18 inch	■ Storm Facilities	
— 21 - 28 inch	■ CIP Project	
— 30 - 36 inch	— Culvert	
— > 42 inch	— Streams	

2016 SURFACE WATER  
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**CIP PROJECTS (AC2)**  
 FIGURE 4-16

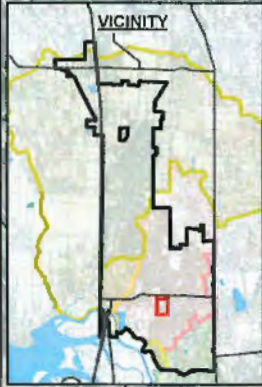
0 300 600 900 Feet

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AC3: Storm Pipe Replacement at 61st St NE Cul-de-sac  
 Replace 580 LF of 12" pipe with 420 LF of 15" pipe and 160 LF of 12" pipe  
 Cost: \$323,000  
 Priority: Low

AC4

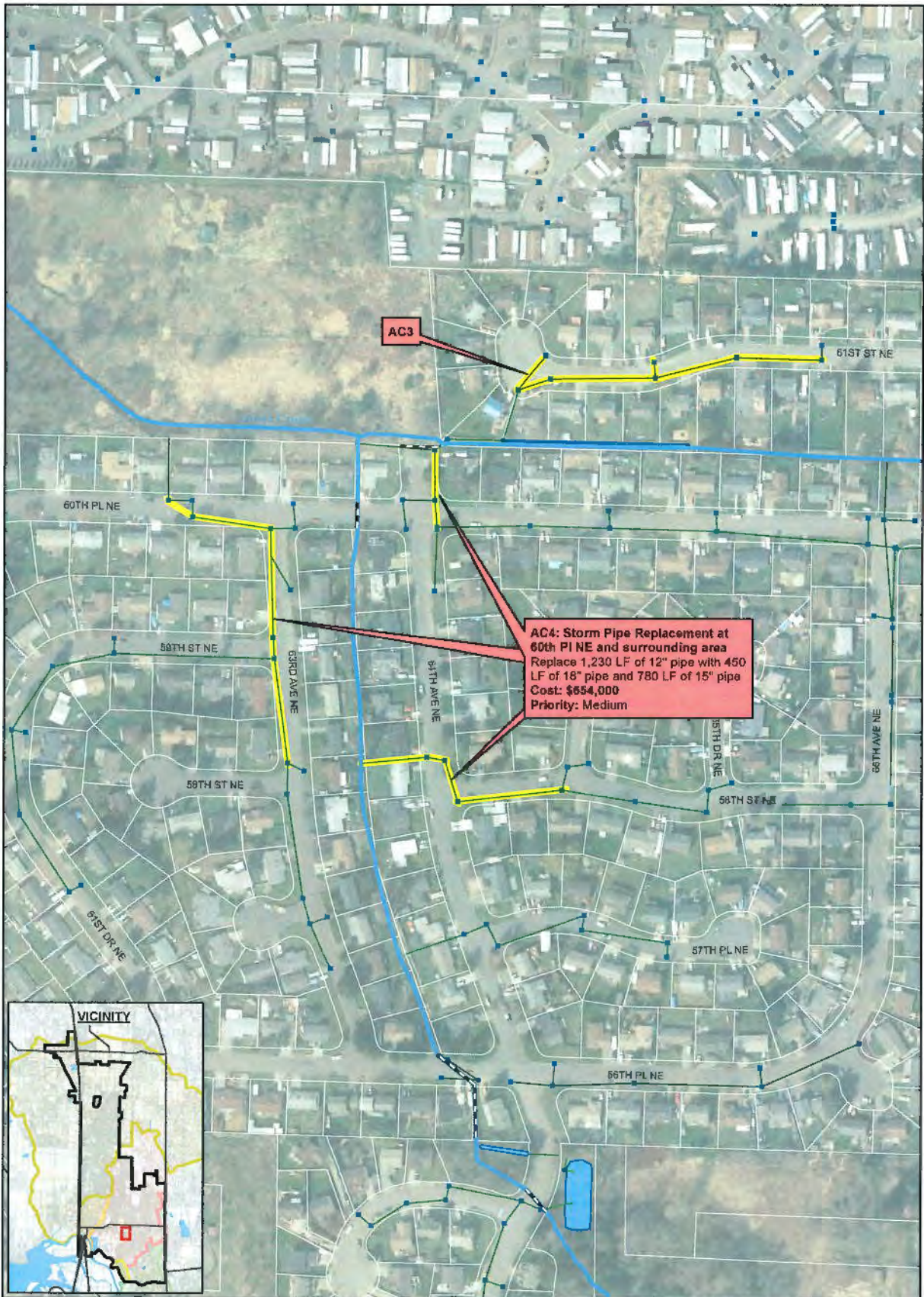


- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b> |
| < 8 inch          | Cleanout           | Culvert            |
| 8 - 12 inch       | CB Type 1          | Parcels            |
| 13 - 18 inch      | CB Type 2          | Streams            |
| 30 - 36 inch      | Storm Facilities   |                    |



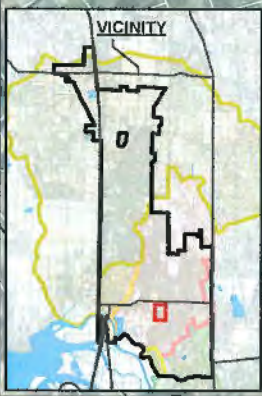
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 COMPREHENSIVE PLAN UPDATE

**CIP PROJECTS (AC3)**  
 FIGURE 4-17



AC3

**AC4: Storm Pipe Replacement at 60th Pl NE and surrounding area**  
 Replace 1,230 LF of 12" pipe with 450 LF of 18" pipe and 780 LF of 15" pipe  
 Cost: \$554,000  
 Priority: Medium



- |                   |                    |                    |
|-------------------|--------------------|--------------------|
| <b>Stormlines</b> | <b>Catch Basin</b> | <b>CIP Project</b> |
| < 8 inch          | Cleanout           | Culvert            |
| 8 - 12 inch       | CB Type 1          | Parcels            |
| 13 - 18 inch      | CB Type 2          | Streams            |
| 30 - 36 inch      | Storm Facilities   |                    |



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**CIP PROJECTS (AC4)**  
 FIGURE 4-18

**EBEY SLOUGH NORTH BASIN****ES1: Historic Downtown Green Retrofit Study**

Create selection criteria to identify ideal locations for green stormwater infrastructure within the Historic Downtown District. Design stormwater management solutions in accordance with the 2012 *Low Impact Development Technical Guidance Manual for Puget Sound* and the 2014 Department of Ecology *Stormwater Management Manual for Western Washington* for the locations selected (Figure 4-19).

**Estimated Project Cost: \$150,000**

**ES2: Water Quality Treatment Facility at Downtown Marina Outfall**

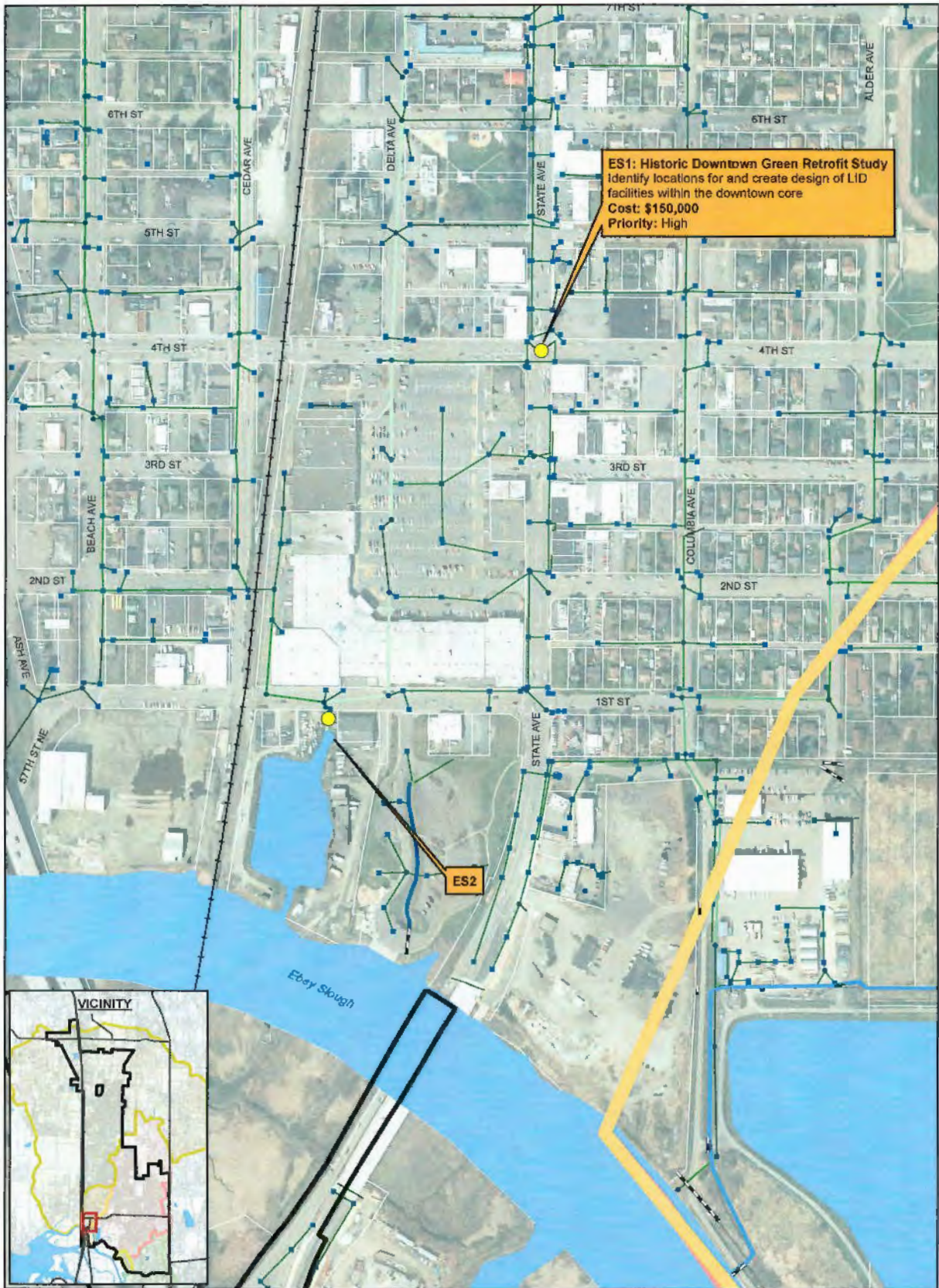
Identify alternatives, design and construct an end-of-pipe stormwater treatment facility at the Downtown Marina outfall. The facility is estimated to be up to 12,000 sf and would provide treatment to the upstream downtown core of the City. The specific form of treatment will be identified in the predesign stage as numerous proprietary and standard facilities continue to be made available. For the purposes of this Plan, it is estimated that a new treatment facility will cost approximately \$350 per acre of facility provided (Figure 4-20).

**Estimated Project Cost: \$8,208,000**

*Gray & Osborne, Inc., Consulting Engineers*

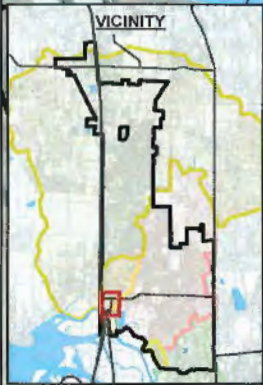
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**ES1: Historic Downtown Green Retrofit Study**  
 identify locations for and create design of LID  
 facilities within the downtown core  
 Cost: \$150,000  
 Priority: High

**ES2**



**Stormlines**

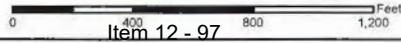
- < 8 inch
- 8 - 12 inch
- 13 - 18 inch
- 21 - 28 inch
- 30 - 36 inch
- > 42 inch

**Catch Basin**

- CB Type 1
- CB Type 2
- CB Type 3
- Storm Facilities

**CIP Project**

- CIP Project
- Culvert
- Marysville City Limits
- BNSF Railroad
- Streams

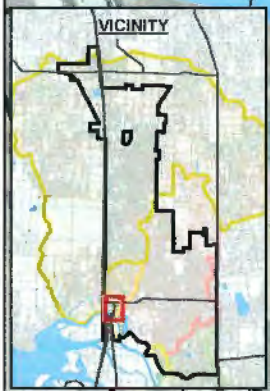


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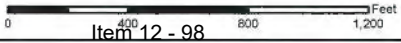
**CIP PROJECTS (ES1)**  
 FIGURE 4-19



**ES2: Water Quality Facility at Downtown Marina Outfall**  
 Design an end-of-pipe stormwater treatment facility  
 Cost: \$8,206,000  
 Priority: High



Stormlines	Catch Basin	CIP Project
< 8 inch	CB Type 1	CIP Project
8 - 12 inch	CB Type 2	Culvert
13 - 18 inch	CB Type 3	Marysville City Limits
21 - 28 inch	Storm Facilities	BNSF Railroad
30 - 36 inch		Streams
> 42 inch		



2016 SURFACE WATER  
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**CIP PROJECTS (ES2)**  
 FIGURE 4-20

**KING CREEK BASIN****KC1: Culvert Replacement along King Creek at Soper Hill Road**

Replace existing 4-foot span, 3-foot rise box culvert with a 17-foot span, 7-foot rise reinforced concrete box culvert that is 160-feet in length. The culvert shall be countersunk 30 percent and the streambed within the culvert shall be filled with gravel and sediment to comply with WDFW 2013 Guidelines. The average spacing of the steps or cascades should be approximately 26 feet throughout the length of the culvert. Temporary bypass of flow around the work area will be necessary during construction (Figure 4-21).

**Estimated Project Cost: \$1,590,000**

A list of the capital improvement projects with corresponding project cost estimates and priorities are provided in Table 4-1.

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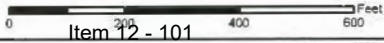
**KC1: Culvert Replacement along King Creek at Soper Hill Rd**  
 Replace 4'x3' box culvert with a 17'x7' concrete box culvert  
 Cost: \$1,590,000  
 Priority: Medium



<b>Stormlines</b>	> 42 INCH	Storm Facilities
< 8 inch	<b>Catch Basin</b>	Marysville City Limits
8 - 12 inch	CLEANOUT	Urban Growth Boundary
13 - 18 inch	CB Type 1	Streams
21 - 28 INCH	CB Type 2	Parcels
30 - 36 INCH	CB Type 3	

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**CIP PROJECTS (KC1)**  
 FIGURE 4-21



**TABLE 4-1**  
**Capital Improvement Projects**

Project No.	Previous Project No. (2009)	Project Location	Project Description	Cost	Priority
<b>Quilceda Creek</b>					
QC1	N/A	North of 172 <sup>nd</sup> at Edward Springs Reservoir	Replace existing 36-inch CMP stormwater pipe with new CPEP pipe	\$381,000	High
QC2	MQ-HH-19	Field north of 152 <sup>nd</sup> between Smokey Point Boulevard and 51 <sup>st</sup> Avenue NE	Install Fish Screen in Hayho Creek	\$231,000	Low
QC3	MQ-EC-03/ MQ-EC-05	Field north of 152 <sup>nd</sup> between 51 <sup>st</sup> Avenue NE and the BNSF Railroad <sup>(1)</sup>	Replace existing 30-inch concrete and CMP culverts with 16-foot span, 6-foot rise reinforced concrete box culverts.	\$617,000	Low
QC4A	MQ-HH-16	Hayho Creek between 144 <sup>th</sup> Avenue NE and 172 <sup>nd</sup> Street NE <sup>(1)</sup>	Realign Hayho Creek within existing wetlands	\$1,680,000	Medium
QC4B	MQ-HH-32	North of 152 <sup>nd</sup> St. NE <sup>(1)</sup>	Provide 4,400 LF of 48-inch conveyance to serve as a main trunk line for Ponds 1 and 2	\$4,901,000	High
QC4C	MQ-HH-32	Corner of 152 <sup>nd</sup> St. NE and 43 <sup>rd</sup> Ave. NE	Construct 3.5-acre Regional Pond 3	\$1,831,000	Medium
QC5A	MQ-EC-13	West side of the BNSF RR between 154 <sup>th</sup> Drive NE and 172 <sup>nd</sup> Street NE	Realign Edgecomb Creek and install a 20-acre regional detention pond	\$19,042,000	High
QC5B	MQ-EC-13	Along and east of 51 <sup>st</sup> Ave. NE <sup>(1)</sup>	Install 10,550 LF of conveyance pipe ranging from 24-inch to 54-inch.	\$8,517,000	High
QC5C	MQ-EC-13	Between 51 <sup>st</sup> Ave. NE and BNSF railway	Install 20-acre regional detention pond	\$5,054,000	High
QC6	MQ-EC-01	152 <sup>nd</sup> Street NE between 51 <sup>st</sup> Avenue NE and BNSF RR (Edgecomb Creek)	Replace existing 36-inch CMP culvert with new 17-foot span, 6-foot rise reinforced concrete box culvert	\$489,000	Medium
QC7	MQ-MQ-07	152 <sup>nd</sup> Street NE between BNSF RR and 67 <sup>th</sup> Avenue NE	Replace existing 30-inch CMP culvert with a 15-foot span, 5-foot rise reinforced concrete box culvert	\$520,000	Medium
QC8	MQ-MQ-04	Strawberry Fields Trail just south of 152 <sup>nd</sup> Street NE	Replace existing 36-inch CMP culvert with 19-foot span, 7-foot rise reinforced concrete box culvert and restore 1,750 LF of channel bank	\$548,000	Low

**TABLE 4-1 -- (continued)**  
**Capital Improvement Projects**

Project No.	Previous Project No. (2009)	Project Location	Project Description	Cost	Priority
QC9	MQ-HH-09	43 <sup>rd</sup> Avenue NE at Emerald Hills Estates	Provide a berm within the existing channel	\$69,000	Low
QC10	MQ-HH-38	Hayho Creek between BNSF RR and 47 <sup>th</sup> Drive NE <sup>(1)</sup>	Regrade 850 LF of Hayho Creek and install native riparian vegetation	\$2,882,000	Medium
QC10A	N/A	136 <sup>th</sup> Street NE at 45 <sup>th</sup> Avenue NE	Provide 51,000 cf of temporary storage via a pond on the north side of 136 <sup>th</sup> Street NE and replace 145 LF of 15-inch HDPE with 18-inch CPEP	\$425,000	Medium
QC11	WQ-WQ-08	104 <sup>th</sup> Street NE between 39 <sup>th</sup> Drive NE and 42 <sup>nd</sup> Avenue NE	Replace existing 4-foot span concrete box culvert with a 50-foot prefabricated bridge	\$1,017,000	Medium
QC12	WQ-WQ-09	103 <sup>rd</sup> Street NE west of 42 <sup>nd</sup> Avenue NE	Replace 24-inch CMP culvert with 50-foot Bridge	\$980,000	Medium
QC13	MQ-QC-09	State Avenue between 100 <sup>th</sup> Street NE and 103 <sup>rd</sup> Place NE	Replace two existing 6-foot span 6-foot rise concrete box culverts with 180-foot prefabricated bridge	\$6,755,000	High
<b>Allen Creek</b>					
AC1	AC-AC-10	95 <sup>th</sup> Street NE and 67 <sup>th</sup> Avenue NE	Replace 227 LF of existing 12-inch storm pipe with 18-inch CPEP pipe	\$161,000	Low
AC2	AC-AC-03	88 <sup>th</sup> Street NE between 60 <sup>th</sup> Drive NE and 67 <sup>th</sup> Avenue NE	Replace existing 7-foot span, 5-foot rise concrete box culvert with 25-foot span, 10-foot rise reinforced concrete box culvert and stabilize 50 LF of south bank	\$898,000	High
AC3	AC-JC-12	61 <sup>st</sup> Street NE	Replace 580 LF of existing 12-inch storm pipe with 420 LF of 15-inch CPEP pipe and 160 LF of new 12-inch CPEP pipe	\$323,000	Low
AC4	AC-JC-11	63 <sup>rd</sup> Place NE, 63 <sup>rd</sup> Avenue NE, and 64 <sup>th</sup> Avenue NE	Replace 1,230 LF of existing 12-inch storm pipe with 450 LF of 18-inch CPEP pipe and 780 LF of 15-inch CPEP pipe	\$654,000	Medium
<b>Ebey Slough North</b>					
ES1	N/A	Historic Downtown Marysville	Green Retrofit Study	\$150,000	High
ES2	ES-DT-03	Treatment Facility at Marina Outfall at Ebey Slough	Water Quality Treatment Facility	\$8,208,000	High

**TABLE 4-1 – (continued)**  
**Capital Improvement Projects**

Project No.	Previous Project No. (2009)	Project Location	Project Description	Cost	Priority
<b>King Creek</b>					
KC1	N/A	Soper Hill Road at 74 <sup>th</sup> Drive NE	Replace existing 4-foot span, 3-foot rise concrete box culvert with a 17-foot span, 7-foot rise reinforced concrete box culvert.	\$1,590,000	Medium

(1) Coordination with private property owner(s) will be necessary.



Table 4-2 summarizes the 6-Year Capital Improvement Project Plan. Detailed cost estimates are provided in Appendix B.

These projects are ranked based on the severity of the problem and City input. Other drainage problems may arise in the future and will need to be addressed at that time. In addition, the current Plan will need to be reevaluated and updated as necessary as development and regulatory requirements change.

**TABLE 4-2**  
**Capital Improvement Plan (2017 to 2022)**

Project No.	Project Name	Project Description	2016 Cost	Year Planned
QC4B	Conveyance for Regional Detention Ponds 1 and 2	Install 4,400 LF of 48-inch conveyance pipe north of 152 <sup>nd</sup> Street NE	\$4,901,000	2019
QC13	Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue	Install 180-foot prefabricated bridge along State Avenue	\$6,755,000	2018
ES1	Historic Downtown Green Retrofit Study	Green Retrofit Study	\$150,000	2017
ES2	Water Quality Treatment Facility at Downtown Marina Outfall	Water Quality Study	\$8,208,000	2018
QC5A	Edgecomb Creek Channel Realignment	Realign Edgecomb Creek and install a 20-acre regional detention pond	\$19,042,000	2023
QC5B	Edgecomb Creek Conveyance	Install 10,550 LF of conveyance pipe ranging from 24 inch to 54 inch.	\$8,517,000	2022
QC5C	Edgecomb Creek Regional Detention Facility	Install 20-acre regional detention pond	\$5,054,000	2021

## CHAPTER 5

### FINANCIAL REVIEW

The financial resources available to the City to fund operation and maintenance and capital improvements for stormwater infrastructure, other than general revenue from property taxes, include service charges, general facilities charge (GFCs), grants and loans. This chapter provides a summary of potential funding sources if additional funds are needed. The City has formed a stormwater utility to fund ongoing operation and maintenance, and capital improvements. An analysis to fund the planned stormwater program is provided.

According to information provided by the City's financial staff, the City's 2015 stormwater related operating expenditures were \$1,837,000. Chapter 4 shows a range from approximately \$150,000 to \$19 million per year in the 6-year plan for capital project expenditures. The City's stormwater-related revenues are found to be adequate to support the planned operational expenses. However, there are significant funding deficiencies for funding capital improvements over the next 20 years.

#### STORMWATER UTILITY

RCW Chapter 35.67 allows the City to form a stormwater management utility to provide for the planning, development, management, operation, maintenance, use, and improvement of the storm drainage system. A utility is an enterprise that is operated or regulated by a government entity. The enterprise funds are predominantly self-sustaining and account for the acquisition, operation, and maintenance of governmental facilities.

The City of Marysville stormwater utility formation and rate structure is codified in Marysville Municipal Code Chapter 14.19. The current 2016 stormwater service charge is set at \$11.26 per month per equivalent residential unit (ERU) or single-family residence (SFR). One ERU corresponds to 3,200 square feet of impervious surface area for non-single-family properties per MMC Chapter 14.19.050. Therefore, for non-single-family residential parcels, the stormwater service charge would be \$11.26 for every 3,200 square feet of impervious surface area per parcel. Also, per MMC Chapter 14.17.010, the City charges a one-time Connection Charge of \$95 per new ERU.

The monthly service charge is a fee levied by the City upon all developed property within the City's boundary. The stormwater service charge pays for improvements and maintenance to address drainage and flooding problems within the City. It was adopted to protect the environment and comply with new regulations protecting drainage systems.

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Knowing the total number of ERUs in the City is useful in determining the monthly service charge required to support the O&M program and planned capital improvements. Using 2015 rate revenues of \$4,166,817 and a monthly 2015 service rate of \$11.04, it is estimated that the City collected revenue from 31,448 ERUs (= \$4.1 million / \$11.04 per ERU / 12 months).

### **CAPITAL IMPROVEMENT PLAN**

The recommended capital improvements for the stormwater utility are detailed in Chapter 4. The list of projects, recommended schedule for implementation of the 6-year CIP, and their costs are shown in Table 5-1.

TABLE 5-1

Planned Capital Improvements 2017-2023<sup>(1)</sup>

Capital Expense	2017	2018	2019	2020	2021	2022	2023
QC13: Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue		\$6,755,000					
ES2: Water Quality Treatment Facility at Downtown Marina Outfall		\$8,208,000					
QC4B: Conveyance for Regional Detention Ponds 1 and 2			\$4,901,000				
ES1: Historic Downtown Green Retrofit Study	\$150,000						
QC5A: Edgecomb Creek Channel Realignment							\$19,042,000
QC5B: Edgecomb Creek Conveyance						\$8,517,000	
QC5C: Edgecomb Creek Regional Detention Facility					\$5,054,000		

(1) Project costs reflect estimated Year 2016 costs. A cost escalation of approximately 3 percent should be used when budgeting for the project.

**OPERATIONS AND MAINTENANCE AND EQUIPMENT PURCHASE**

The annual stormwater operating expenses is shown below. In 2015, the annual stormwater maintenance cost based on City records is \$1,836,340. Table 5-2 shows 2015 operating and maintenance expenses.

**TABLE 5-2****2015 Operating and Maintenance Expenses**

<b>Expenditures</b>	<b>2015</b>
Regular Salary	\$566,860
Seasonal Salary	\$30,965
Overtime	\$124
Social Security	\$44,916
Retirement	\$55,738
Health Insurance	\$110,748
Workmen's Comp.	\$15,952
Unemployment Comp.	\$1,172
Uniforms/Clothing	\$858
Office and Operating	\$49,094
Fuel Consumed	\$1,121
Small Tools	\$4,708
Flail Mower	\$17,987
Pipe Ranger	\$24,580
Professional Services	\$229,503
Surface Water	\$18,028
Communication	\$6,923
Travel	\$0
Operating Rentals	\$1,152
Public Utility Service	\$5,918
Repairs and Maintenance	\$54,728
Miscellaneous	\$28,521
NPDES Permit	\$49,688
Qwuloolt Mitigation	\$33,274
Qwuloolt Out.	\$3,891
State Taxes	\$69,233
Operating Permits	\$20,794
<b>City Taxes</b>	<b>\$326,432</b>
<b>Machinery and Equipment</b>	<b>\$17,175</b>
<b>Facilities Maintenance</b>	<b>\$507</b>
<b>Small Engine Shop</b>	<b>\$15,443</b>
<b>Computer Services</b>	<b>\$30,291</b>
<b>Total</b>	<b>\$1,836,324</b>

## SERVICE CHARGE DETERMINATION

The 6-year analysis assumes the capital improvement projects from Table 5-1 are funded from monthly service rates and capital facility charges. As an alternative, low interest loans from the P WTF program may be used when necessary. Use of low interest loans may be financially favorable to self-financing as long as the interest costs of the loans are less than the interest that can be earned from reserve funds.

The budget forecast assumptions are included in Table 5-3. The stormwater utility expenses are taken from the 2015 budget. An increase of 0.5 percent is assumed for ERUs, and a 2.0 percent increase in project and O&M costs is assumed as a conservative measure in assessing the budget.

**TABLE 5-3**

### Budget Forecast Assumptions and Baseline Operating Costs

Item	Assumption
<b>Number of ERUs in December 2015</b>	
Total ERUs for Rate Analysis	31,448
<b>Escalation Factors</b>	
Growth <sup>(1)</sup>	2.0%
Inflation (Yearly O&M Expenses)	2.0%
Construction Cost Inflation	3.0%
Investment Interest	1.0%
Revenue Bond	4.6%
<b>Taxes</b>	
State Excise Tax	1.8%

(1) Source: City of Marysville 2015 Comprehensive Plan.

## PRELIMINARY RATE ANALYSIS

Table 5-4 presents a simple, cash-based rate analysis based on the recommended project financing. The preliminary rate analysis is based on the following assumptions.

1. The rate of growth (ERUs), O&M costs, and project costs assumed at a 2.0 percent annual increase for each.
2. The utility has a zero balance at the start of 2016. This does not reflect actual conditions but since the City does not track the cash balance of each of its utilities, the beginning balance specifically for stormwater purposes could not be determined.

Based on the assumptions listed above, the financial forecast shows the amount of incoming revenues covering the anticipated operating expenses. Using the assumed

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project completion dates in Table 5-1, the stormwater service charge does not have sufficient funds to accommodate the proposed 6-year CIP. Without an increase in service charges, these projects would need to be funded via other means such as grants or loans as explained in the next Section. At a minimum, it is recommended that the stormwater service charge be increased annually per a cost-of living or consumer price index factor.

**TABLE 5-4  
Financial Analysis**

<b>Year</b>	<b>2017</b>	<b>2018</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>
Beginning Fund Balance <sup>(1)</sup>	-	\$2,332,729	(\$1,801,470)	(\$3,937,264)	(\$1,021,047)	(\$3,000,934)	(\$8,278,743)
ERUs	31,448	32,077	32,718	33,373	34,040	34,721	35,415
Monthly Storm Service Rate	\$11.49	\$11.71	\$11.95	\$12.19	\$12.43	\$12.68	\$12.93
Rate Revenue	\$4,334,193	\$4,509,294	\$4,691,470	\$4,881,005	\$5,078,198	\$5,283,357	\$5,496,805
Connection Fees	\$59,751	\$60,946	\$62,164	\$63,408	\$64,676	\$65,969	\$67,289
Total Revenue	\$4,393,944	\$4,570,240	\$4,753,634	\$4,944,413	\$5,142,874	\$5,349,327	\$5,564,094
Yearly O&M Costs	\$1,911,215	\$1,949,439	\$1,988,428	\$2,028,196	\$2,068,760	\$2,110,136	\$2,152,338
Operating Surplus (Deficiency)	\$2,482,729	\$2,620,801	\$2,765,207	\$2,916,217	\$3,074,113	\$3,239,191	\$3,411,755
<b>CIP Projects</b>							
QC13: Culvert Removal and Bridge Installation Along Quilceda Creek at State Avenue		\$6,755,000					
ES2: Water Quality Treatment Facility at Downtown Marina Outfall		\$8,208,000					
QC4B: Conveyance for Regional Detention Ponds 1 and 2			\$4,901,000				
ES1: Historic Downtown Green Retrofit Study	\$150,000						
QC5A: Edgcomb Creek Channel Realignment							\$19,042,000
QC5B: Edgcomb Creek Conveyance						\$8,517,000	
QC5C: Edgcomb Creek Regional Detention Facility					\$5,054,000		
<b>CIP Total</b>	<b>\$150,000</b>	<b>\$14,963,000</b>	<b>\$4,901,000</b>	<b>-</b>	<b>\$5,054,000</b>	<b>\$8,517,000</b>	<b>\$19,042,000</b>
<b>Yearly Surplus (Deficiency)</b>	<b>\$2,332,729</b>	<b>(\$10,009,470)</b>	<b>(\$12,145,264)</b>	<b>(\$9,229,047)</b>	<b>(\$11,208,934)</b>	<b>(\$16,486,743)</b>	<b>(\$32,116,987)</b>

(1) The actual beginning fund balance for 2016 could not be determined from City financial records. The ending balance in December 2016 is used to predict the beginning fund balance for 2017.



## **GRANT AND LOAN PROGRAMS**

Grants and loans can be used to fund capital improvement projects, but cannot be used to fund operation and maintenance. Within the State of Washington, there are several grant and loan funds available for capital improvements. Among these are the Public Works Trust Fund (P WTF), Centennial Clean Water Fund (CCWF), and the State Revolving Fund (SRF). The various grant and loan programs are briefly described below for reference.

### **Public Works Trust Fund**

This program is a revolving fund loan designed to help local governments finance needed public works projects through low-interest loans and technical assistance. It was established by the Washington State Legislature in 1985 and is administered by the Public Works Board. The Legislature cancelled the 2010 to 2016 biennium funding cycles. Loan repayments and tax revenue streams that fund the program continued to be deposited in the fund and yet, it has remained uncertain as to what level of funding may be available through the program in the future. Currently, the Board is tentatively offering \$100 million state-wide in construction loans for the 2017 funding cycle.

### **Department of Ecology Integrated Funding Program**

The Department of Ecology administers several loan and grant programs that can be used to fund the following:

- Stormwater capital improvements including stormwater system retrofits;
- Low-impact development projects;
- Inventories of stormwater sources;
- Public education and communication;
- Review and preparation of stormwater regulations;
- Mapping;
- Source control activities; and
- Establishing and refining stormwater utilities.

The funding programs include the Centennial Clean Water Grant program (state funds), the Clean Water Act Section 319 Grant program (federal funds), the Stormwater Financial Assistance Grant Program (state funds) and the Washington State Revolving Fund Loan program (federal and state funds). A common application is available for funding from the Ecology-administered programs. The programs are competitive and the majority of the funding available is in the form of low-interest loans.

## **DEBT FINANCING**

Two forms of debt financing are available for capital improvements including general obligation (G.O.) bonds and revenue bonds. G.O. bonds are backed by the "full faith and

credit of the City” and are paid for through levies. These bonds require voter approval before they can be implemented. A less common means of financing capital improvements associated with stormwater projects is through the use of revenue bonds. The City, like other municipalities, is capable of issuing tax-exempt bonds. The principal and interest of such bonds are repaid from revenue generated from a utility, such as a water, sewer, or stormwater utility. This type of funding may be offered without voter approval. However, in order to qualify to sell revenue bonds, the City must establish that its net operating income is equal to or greater than its debt coverage factor, typically 1.4, multiplied by the annual principal and interest due for all outstanding bonded indebtedness. Utility rates have to be set high enough to ensure revenue bond repayment.

### **FUTURE CAPITAL IMPROVEMENT PLAN**

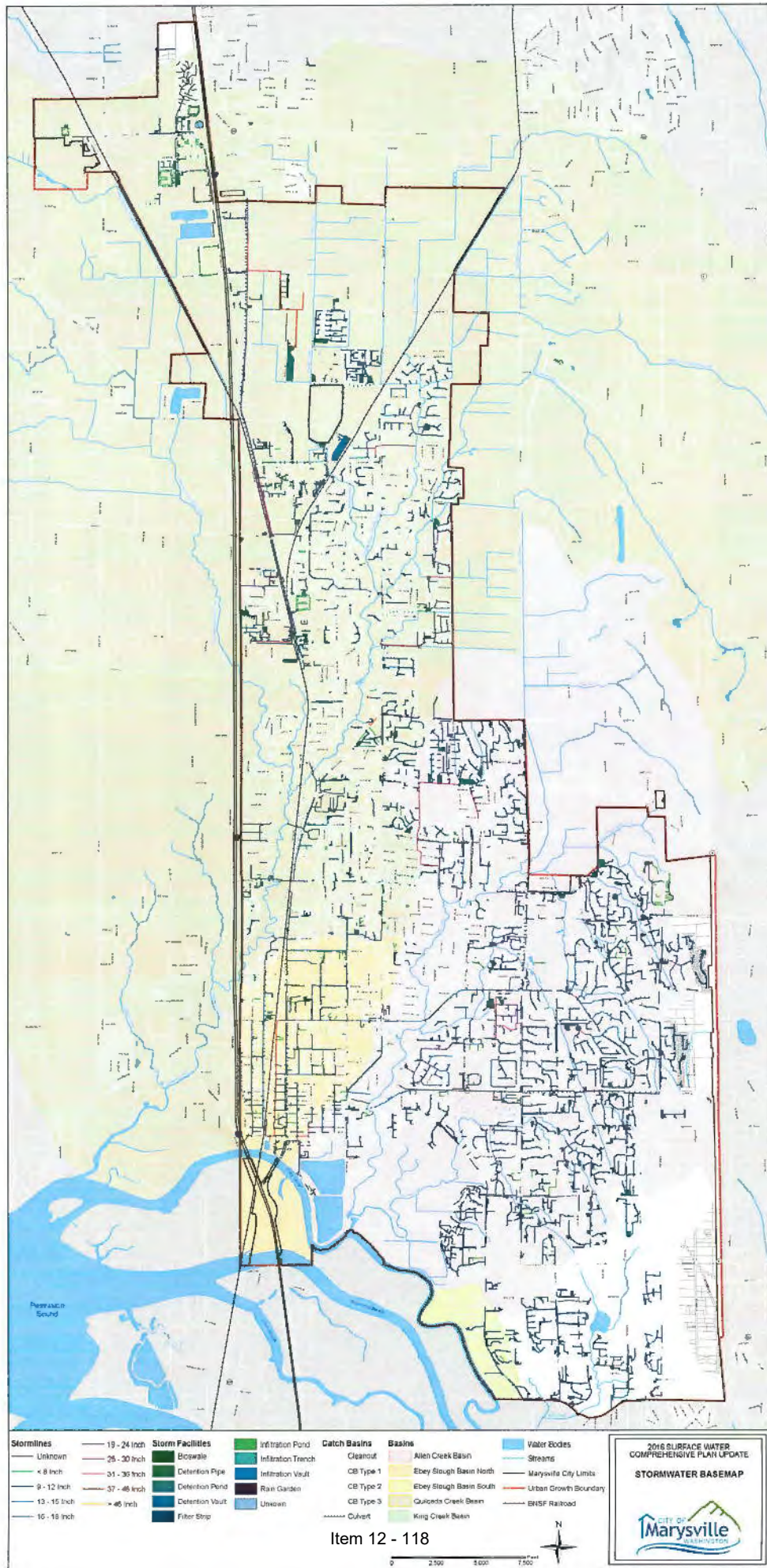
The total cost, in 2016 dollars, of the 2017-2023 CIP is over \$52 million. The stormwater utility revenues alone are adequate to support the planned operational expenses. However, they are inadequate to cover the capital expenses over the 6-year planning period, without any service rate increases. Further, the amount of funds available for capital projects will decrease due to increasing O&M costs. However, the total cost of the projects scheduled for years 7 through 20 is over \$15 million (2016 dollars), for which there would be a significant revenue shortfall, were rates to remain unchanged.

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**APPENDIX A**  
**STORMWATER BASE MAP**

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**APPENDIX B**  
**COST ESTIMATES**

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**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC1: Stormwater Pipe Replacement at Edward Springs Reservoir**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 20,000	\$ 20,000
3.	Project Temporary Traffic Control	1 LS	\$ 10,000	\$ 10,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 3,000	\$ 3,000
7.	Dewatering	1 LS	\$ 10,000	\$ 10,000
8.	Trench Excavation Safety Systems	400 LF	\$ 5	\$ 2,000
9.	Excavation Incl. Haul	540 CY	\$ 40	\$ 21,600
10.	Remove Existing Pipe	400 LF	\$ 30	\$ 12,000
11.	Crushed Surfacing Base Course	720 TN	\$ 35	\$ 25,200
12.	36-inch Storm Pipe incl. Bedding	400 LF	\$ 250	\$ 100,000
13.	Connect to Drainage Structure	2 EA	\$ 700	\$ 1,400
14.	Surface Restoration (seeding, fertilizing, planting, etc)	230 SY	\$ 7	\$ 1,610
15.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 217,000
	Construction Contingencies (20%)			\$ 44,000
	Sales Tax (9.1%)			\$ 20,000
	<b>Total Construction Cost</b>			<b>\$ 281,000</b>
	Design, Engineering & Construction Management (25%)			\$ 71,000
	Permitting (10%)			\$ 29,000
	Easements (Temporary & Permanent)	0 AC	\$ 40,000	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0 EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>				<b>\$ 381,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC2: Fish Screen Installation along Hayho Creek at 160th Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1	LS \$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS \$ 11,000	\$ 11,000
3.	Project Temporary Traffic Control	1	LS \$ 2,000	\$ 2,000
4.	Locate Existing Utilities	1	LS \$ 1,000	\$ 1,000
5.	Survey	1	LS \$ 1,000	\$ 1,000
6.	Temporary Erosion Control	1	LS \$ 7,500	\$ 7,500
7.	Dewatering	1	LS \$ 7,500	\$ 7,500
8.	Clearing and Grubbing	0.25	AC \$ 15,000	\$ 3,750
9.	Temporary Stream Bypass	1	LS \$ 25,000	\$ 25,000
10.	Structure Excavation	5	CY \$ 40	\$ 200
11.	Fish Screen Barrier	1	EA \$ 35,000	\$ 35,000
12.	Vertical In-Stream Trash Rack	1	EA \$ 15,000	\$ 15,000
13.	Project Documentation	1	LS \$ 2,000	\$ 2,000
	Subtotal			\$ 112,000
	Construction Contingencies (20%)			\$ 23,000
	Sales Tax (9.1%)			\$ 11,000
	<b>Total Construction Cost</b>			<b>\$ 146,000</b>
	Design, Engineering & Construction Management (25%)			\$ 37,000
	Permitting (25%)			\$ 37,000
	Easements (Temporary & Permanent)	5856	SF \$ 1	\$ 6,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	5	EA \$ 1,000	\$ 5,000
<b>TOTAL PROJECT COST</b>				<b>\$ 231,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC3: Field Access Culvert Replacement along Edgecomb Creek**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
<b>Schedule A Culvert 1</b>					
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 15,000	\$ 15,000
3.	Project Temporary Traffic Control	1	LS	\$ 3,000	\$ 3,000
4.	Locate Existing Utilities	1	LS	\$ 2,000	\$ 2,000
5.	Survey	1	LS	\$ 3,000	\$ 3,000
6.	Temporary Erosion Control	1	LS	\$ 5,000	\$ 5,000
7.	Dewatering	1	LS	\$ 10,000	\$ 10,000
8.	Temporary Bypass	1	LS	\$ 25,000	\$ 25,000
9.	Excavation Incl. Haul	210	CY	\$ 40	\$ 8,400
10.	Remove Existing Pipe	30	LF	\$ 30	\$ 900
11.	Crushed Surfacing Base Course	20	TN	\$ 35	\$ 700
12.	Streambed Gravel	110	TN	\$ 50	\$ 5,500
13.	Gravel Borrow	50	TN	\$ 26	\$ 1,300
14.	16-ft Span Reinforced Concrete Box Culvert	30	LF	\$ 2,700	\$ 81,000
15.	Surface Restoration (seeding, fertilizing, planting, etc)	90	SY	\$ 7	\$ 630
16.	Project Documentation	1	LS	\$ 1,000	\$ 1,000
Schedule A Subtotal					\$ 164,000
<b>Schedule B Culvert 2</b>					
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 15,000	\$ 15,000
3.	Project Temporary Traffic Control	1	LS	\$ 3,000	\$ 3,000
4.	Locate Existing Utilities	1	LS	\$ 2,000	\$ 2,000
5.	Survey	1	LS	\$ 3,000	\$ 3,000
6.	Temporary Erosion Control	1	LS	\$ 5,000	\$ 5,000
7.	Dewatering	1	LS	\$ 10,000	\$ 10,000
8.	Temporary Bypass	1	LS	\$ 25,000	\$ 25,000
9.	Excavation Incl. Haul	120	CY	\$ 40	\$ 4,800
10.	Remove Existing Pipe	27	LF	\$ 30	\$ 810
11.	Crushed Surfacing Base Course	20	TN	\$ 35	\$ 700
12.	Streambed Gravel	130	TN	\$ 50	\$ 6,500
13.	Gravel Borrow	40	TN	\$ 26	\$ 1,040
14.	16-ft Span Reinforced Concrete Box Culvert	24	LF	\$ 3,250	\$ 78,000
15.	Surface Restoration (seeding, fertilizing, planting, etc)	90	SY	\$ 7	\$ 630
16.	Project Documentation	1	LS	\$ 1,000	\$ 1,000
Schedule B Subtotal					\$ 158,000
Project Subtotal					\$ 322,000
Construction Contingencies (20%)					\$ 65,000
Sales Tax (9.1%)					\$ 30,000

<b>Total Construction Cost</b>		<b>\$ 417,000</b>
Design, Engineering & Construction Management (25%)		\$ 105,000
Permitting (20%)		\$ 84,000
Easements (Temporary & Permanent)	10000 SF	\$ 10,000
Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	1 EA	\$ 1,000
<b>TOTAL PROJECT COST</b>		<b>\$ 617,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC4A: Hayho Creek Channel Realignment (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 62,000	\$ 62,000
3.	Project Temporary Traffic Control	1 LS	\$ 7,000	\$ 7,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 5,000	\$ 5,000
7.	Dewatering	1 LS	\$ 150,000	\$ 150,000
8.	Clearing and Grubbing	4.5 AC	\$ 15,000	\$ 67,500
9.	Excavation Incl. Haul	9,500 CY	\$ 5	\$ 47,500
10.	Enhanced Surface Restoration (wetland plantings, seeding, etc)	21,780 SY	\$ 15	\$ 326,700
11.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 676,000
	Construction Contingencies (20%)			\$ 136,000
	Sales Tax (9.1%)			\$ 62,000
	<b>Total Construction Cost</b>			<b>\$ 874,000</b>
	Design, Engineering & Construction Management(25%)			\$ 219,000
	Permitting (20%)			\$ 175,000
	Easements (Temporary & Permanent)	10 AC	\$ 40,000	\$ 400,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	12 EA	\$ 1,000	\$ 12,000
<b>TOTAL PROJECT COST</b>				<b>\$ 1,680,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC4B: Conveyance for Regional Detention Pond No. 2 (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 238,000	\$ 238,000
3.	Project Temporary Traffic Control	1 LS	\$ 21,000	\$ 21,000
4.	Locate Existing Utilities	1 LS	\$ 5,000	\$ 5,000
5.	Survey	1 LS	\$ 20,000	\$ 20,000
6.	Temporary Erosion Control	1 LS	\$ 2,000	\$ 2,000
7.	Dewatering	1 LS	\$ 240,000	\$ 240,000
8.	Clearing and Grubbing	4.5 AC	\$ 15,000	\$ 68,182
9.	Trench Excavation Safety Systems	4400 LF	\$ 5	\$ 22,000
10.	Excavation Incl. Haul	6000 CY	\$ 40	\$ 240,000
11.	Gravel Borrow	50 TN	\$ 26	\$ 1,300
12.	42-inch Storm Pipe incl. Bedding	4400 LF	\$ 300	\$ 1,320,000
13.	72-inch Type II Storm Manhole	15 EA	\$ 7,000	\$ 102,667
14.	Enhanced Surface Restoration (wetland plantings, seeding, etc)	22000 SY	\$ 15	\$ 330,000
15.	Project Documentation	1 LS	\$ 5,000	\$ 5,000
	Subtotal			\$ 2,617,000
	Construction Contingencies (20%)			\$ 524,000
	Sales Tax (9.1%)			\$ 239,000
	<b>Total Construction Cost</b>			<b>\$ 3,380,000</b>
	Design, Engineering & Construction Management(25%)			\$ 845,000
	Permitting (20%)			\$ 676,000
	<b>TOTAL PROJECT COST</b>			<b>\$ 4,901,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC4C: Hayho Creek Regional Detention Pond No. 3 (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 89,000	\$ 89,000
3.	Project Temporary Traffic Control	1 LS	\$ 9,000	\$ 9,000
4.	Locate Existing Utilities	1 LS	\$ 1,000	\$ 1,000
5.	Survey	1 LS	\$ 2,000	\$ 2,000
6.	Temporary Erosion Control	1 LS	\$ 4,050	\$ 4,050
7.	Dewatering	1 LS	\$ 113,400	\$ 113,400
8.	Clearing and Grubbing	4 AC	\$ 15,000	\$ 52,500
9.	Excavation Incl. Haul	40,000 CY	\$ 5	\$ 200,000
10.	Inlet and Outlet Controls	1 LS	\$ 240,000	\$ 240,000
11.	Enhanced Surface Restoration (wetland plantings, seeding, etc)	16,940 SY	\$ 15	\$ 254,100
12.	Project Documentation	1 LS	\$ 10,000	\$ 10,000
	Subtotal			\$ 977,000
	Construction Contingencies (20%)			\$ 196,000
	Sales Tax (9.1%)			\$ 89,000
	<b>Total Construction Cost</b>			<b>\$ 1,262,000</b>
	Design, Engineering & Construction Management(25%)			\$ 316,000
	Permitting (20%)			\$ 253,000
<b>TOTAL PROJECT COST</b>				<b>\$ 1,831,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC5A: Edgcomb Creek Channel Realignment (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 754,000	\$ 754,000
3.	Project Temporary Traffic Control	1 LS	\$ 75,000	\$ 75,000
4.	Locate Existing Utilities	1 LS	\$ 10,000	\$ 10,000
5.	Survey	1 LS	\$ 15,000	\$ 15,000
6.	Temporary Erosion Control	1 LS	\$ 80,000	\$ 80,000
7.	Clearing and Grubbing	68 AC	\$ 15,000	\$ 1,020,000
8.	Excavation Incl. Haul	415,700 CY	\$ 5	\$ 2,078,500
9.	Fish Passable Culvert	10 EA	\$ 100,000	\$ 1,000,000
10.	Large Woody Debris	56 EA	\$ 2,700	\$ 151,200
11.	Riparian Plantings	309,800 SY	\$ 10	\$ 3,098,000
12.	Project Documentation	1 LS	\$ 5,000	\$ 5,000
	Subtotal			\$ 8,288,000
	Construction Contingencies (20%)			\$ 1,658,000
	Sales Tax (9.1%)			\$ 755,000
	<b>Total Construction Cost</b>			<b>\$ 10,701,000</b>
	Design, Engineering & Construction Management(25%)			\$ 2,676,000
	Permitting (20%)			\$ 2,141,000
	Easements (Temporary & Permanent)	87.5 AC	\$ 40,000	\$ 3,500,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	24 EA	\$ 1,000	\$ 24,000
<b>TOTAL PROJECT COST</b>				<b>\$ 19,042,000</b>



**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC5B: Edgecomb Creek Conveyance (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 414,000	\$ 414,000
3.	Project Temporary Traffic Control	1 LS	\$ 41,000	\$ 41,000
4.	Locate Existing Utilities	1 LS	\$ 5,000	\$ 5,000
5.	Survey	1 LS	\$ 20,000	\$ 20,000
6.	Temporary Erosion Control	1 LS	\$ 25,000	\$ 25,000
7.	Dewatering	1 LS	\$ 350,000	\$ 350,000
8.	Clearing and Grubbing	1.0 AC	\$ 15,000	\$ 15,000
9.	Trench Excavation Safety Systems	7,950 LF	\$ 5	\$ 39,750
10.	Excavation Incl. Haul	18,000 CY	\$ 40	\$ 720,000
11.	Gravel Borrow	130 TN	\$ 26	\$ 3,380
12.	24-inch Storm Pipe incl. Bedding	2,100 LF	\$ 120	\$ 252,000
13.	30-inch Storm Pipe incl. Bedding	1,300 LF	\$ 180	\$ 234,000
14.	36-inch Storm Pipe incl. Bedding	3,250 LF	\$ 250	\$ 812,500
15.	42-inch Storm Pipe incl. Bedding	1,300 LF	\$ 300	\$ 390,000
16.	54-inch Storm Pipe incl. Bedding	2,600 LF	\$ 350	\$ 910,000
17.	48-inch Type II Storm Manhole	7 EA	\$ 4,000	\$ 28,000
18.	54-inch Type II Storm Manhole	4 EA	\$ 4,500	\$ 18,000
19.	60-inch Type II Storm Manhole	10 EA	\$ 5,000	\$ 50,000
20.	72-inch Type II Storm Manhole	4 EA	\$ 7,000	\$ 28,000
21.	84-inch Type II Storm Manhole	8 EA	\$ 10,000	\$ 80,000
22.	Surface Restoration (seeding, fertilizing, planting, etc)	14,600 SY	\$ 7	\$ 102,200
23.	Project Documentation	1 LS	\$ 10,000	\$ 10,000
	Subtotal			\$ 4,549,000
	Construction Contingencies (20%)			\$ 910,000
	Sales Tax (9.1%)			\$ 414,000
	<b>Total Construction Cost</b>			<b>\$ 5,873,000</b>
	Design, Engineering & Construction Management(25%)			\$ 1,469,000
	Permitting (20%)			\$ 1,175,000
	<b>TOTAL PROJECT COST</b>			<b>\$ 8,517,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**QC5C: Edgecomb Creek Regional Detention Facility (North Marysville Master Drainage Plan)**

September 27, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 246,000	\$ 246,000
3.	Project Temporary Traffic Control	1 LS	\$ 25,000	\$ 25,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 20,000	\$ 20,000
7.	Dewatering	1 LS	\$ 500,000	\$ 500,000
8.	Clearing and Grubbing	15 AC	\$ 15,000	\$ 231,000
9.	Excavation Incl. Haul	174,000 CY	\$ 5	\$ 870,000
10.	Inlet and Outlet Controls	2 LS	\$ 120,000	\$ 240,000
11.	Chainlink Fence	760 LF	\$ 35	\$ 26,600
12.	Surface Restoration (seeding, fertilizing, planting, etc)	74,600 SY	\$ 7	\$ 522,200
13.	Project Documentation	1 LS	\$ 10,000	\$ 10,000
	Subtotal			\$ 2,699,000
	Construction Contingencies (20%)			\$ 540,000
	Sales Tax (9.1%)			\$ 246,000
	<b>Total Construction Cost</b>			<b>\$ 3,485,000</b>
	Design, Engineering & Construction Management(25%)			\$ 872,000
	Permitting (20%)			\$ 697,000
	<b>TOTAL PROJECT COST</b>			<b>\$ 5,054,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC6: Culvert Replacement along Edgecomb Creek at 152nd Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 24,000	\$ 24,000
3.	Project Temporary Traffic Control	1 LS	\$ 7,000	\$ 7,000
4.	Locate Existing Utilities	1 LS	\$ 3,000	\$ 3,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 10,000	\$ 10,000
7.	Dewatering	1 LS	\$ 15,000	\$ 15,000
8.	Temporary Bypass	1 LS	\$ 35,000	\$ 35,000
9.	Excavation Incl. Haul	350 CY	\$ 40	\$ 14,000
10.	Remove Existing Pipe	42 LF	\$ 30	\$ 1,260
11.	Sawcutting	50 LF	\$ 3	\$ 150
12.	Remove Asphalt Pavement	60 SY	\$ 5	\$ 300
13.	Crushed Surfacing Base Course	20 TN	\$ 35	\$ 700
14.	Gravel Borrow	70 TN	\$ 26	\$ 1,820
15.	Streambed Gravel	150 TN	\$ 50	\$ 7,500
16.	HMA, CL 1/2-in PG 64-22	11 TN	\$ 145	\$ 1,600
17.	17-ft Span Reinforced Concrete Box Culvert	42 LF	\$ 3,000	\$ 126,000
18.	Surface Restoration (seeding, fertilizing, planting, etc)	50 SY	\$ 7	\$ 350
19.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 256,000
	Construction Contingencies (20%)			\$ 52,000
	Sales Tax (9.1%)			\$ 24,000
	<b>Total Construction Cost</b>			<b>\$ 332,000</b>
	Design, Engineering & Construction Management (25%)			\$ 83,000
	Permitting (20%)			\$ 67,000
	Easements (Temporary & Permanent)	5000 SF	\$ 1	\$ 5,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	2 EA	\$ 1,000	\$ 2,000
<b>TOTAL PROJECT COST</b>				<b>\$ 489,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC7: Culvert Replacement along Olaf Strad Creek at 152nd Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 25,000	\$ 25,000
3.	Project Temporary Traffic Control	1 LS	\$ 8,000	\$ 8,000
4.	Locate Existing Utilities	1 LS	\$ 3,000	\$ 3,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 10,000	\$ 10,000
7.	Dewatering	1 LS	\$ 15,000	\$ 15,000
8.	Temporary Bypass	1 LS	\$ 35,000	\$ 35,000
9.	Excavation Incl. Haul	400 CY	\$ 40	\$ 16,000
10.	Remove Existing Pipe	53 LF	\$ 30	\$ 1,590
11.	Sawcutting	50 LF	\$ 3	\$ 150
12.	Remove Asphalt Pavement	60 SY	\$ 5	\$ 300
13.	Crushed Surfacing Base Course	20 TN	\$ 35	\$ 700
14.	Gravel Borrow	80 TN	\$ 26	\$ 2,080
15.	Streambed Gravel	150 TN	\$ 50	\$ 7,500
16.	HMA, CL 1/2-in PG 64-22	11 TN	\$ 145	\$ 1,600
17.	15-ft Span Reinforced Concrete Box Culvert	53 LF	\$ 2,600	\$ 137,800
18.	Surface Restoration (seeding, fertilizing, planting, etc)	50 SY	\$ 7	\$ 350
19.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 273,000
	Construction Contingencies (20%)			\$ 55,000
	Sales Tax (9.1%)			\$ 25,000
	<b>Total Construction Cost</b>			<b>\$ 353,000</b>
	Design, Engineering & Construction Management (25%)			\$ 89,000
	Permitting (20%)			\$ 71,000
	Easements (Temporary & Permanent)	5000 SF	\$ 1	\$ 5,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	2 EA	\$ 1,000	\$ 2,000
<b>TOTAL PROJECT COST</b>				<b>\$ 520,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC8: Culvert Replacement and Channel Restoration along Middle Fork Quilceda Creek at**  
**Strawberry Fields Trail**  
September 1, 2016  
G & O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 27,000	\$ 27,000
3.	Project Temporary Traffic Control	1 LS	\$ 13,000	\$ 13,000
4.	Locate Existing Utilities	1 LS	\$ 3,000	\$ 3,000
5.	Survey	1 LS	\$ 3,000	\$ 3,000
6.	Temporary Erosion Control	1 LS	\$ 15,000	\$ 15,000
7.	Dewatering	1 LS	\$ 16,000	\$ 16,000
8.	Clearing and Grubbing	0.25 AC	\$ 15,000	\$ 3,750
9.	Temporary Bypass	1 LS	\$ 15,000	\$ 15,000
10.	Structure Excavation	200 CY	\$ 40	\$ 8,000
11.	Remove Existing Pipe	21 LF	\$ 30	\$ 630
12.	Crushed Surfacing Base Course	10 TN	\$ 35	\$ 350
13.	Gravel Borrow	40 TN	\$ 26	\$ 1,040
14.	Streambed Gravel	110 TN	\$ 50	\$ 5,500
15.	HMA, CL 1/2-in PG 64-22	10 TN	\$ 145	\$ 1,450
16.	19-ft Span Reinforced Concrete Box Culvert	21 LF	\$ 3,900	\$ 81,900
17.	Large Woody Debris	25 EA	\$ 2,700	\$ 67,500
18.	Riparian Plantings	2420 SY	\$ 10	\$ 24,200
19.	Surface Restoration (seeding, fertilizing, planting, etc)	340 SY	\$ 7	\$ 2,380
20.	Project Documentation	1 LS	\$ 1,000	\$ 1,000
	Subtotal			\$ 291,000
	Construction Contingencies (20%)			\$ 59,000
	Sales Tax (9.1%)			\$ 27,000
	<b>Total Construction Cost</b>			<b>\$ 377,000</b>
	Design, Engineering & Construction Management (25%)			\$ 95,000
	Permitting (20%)			\$ 76,000
	Easements (Temporary & Permanent)	SF	\$ 1	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>				<b>\$ 548,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC9: Berm Installation at 43rd Avenue and Emerald Hills Estates**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 3,000	\$ 3,000
3.	Project Temporary Traffic Control	1	LS	\$ 1,000	\$ 1,000
4.	Locate Existing Utilities	1	LS	\$ 1,000	\$ 1,000
5.	Survey	1	LS	\$ 1,000	\$ 1,000
6.	Temporary Erosion Control	1	LS	\$ 1,000	\$ 1,000
7.	Dewatering	1	LS	\$ 5,000	\$ 5,000
8.	Clearing and Grubbing	0.25	AC	\$ 15,000	\$ 3,750
9.	Excavation Incl. Haul	20	CY	\$ 40	\$ 800
10.	Embankment Compaction	40	CY	\$ 30	\$ 1,200
11.	Quarry Spalls	10	TN	\$ 60	\$ 600
12.	Riparian Plantings	1210	SY	\$ 10	\$ 12,100
13.	Project Documentation	1	LS	\$ 1,000	\$ 1,000
	Subtotal				\$ 33,000
	Construction Contingencies (20%)				\$ 7,000
	Sales Tax (9.1%)				\$ 4,000
	<b>Total Construction Cost</b>				<b>\$ 44,000</b>
	Design, Engineering & Construction Management (25%)				\$ 11,000
	Permitting (20%)				\$ 9,000
	Easements (Temporary & Permanent)	4000	SF	\$ 1	\$ 4,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	1	EA	\$ 1,000	\$ 1,000
<b>TOTAL PROJECT COST</b>					<b>\$ 69,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC10: Stabilization of Hayho Creek between the BNSF Railroad and 47th Drive NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 134,000	\$ 134,000
3.	Project Temporary Traffic Control	1 LS	\$ 27,000	\$ 27,000
4.	Locate Existing Utilities	1 LS	\$ 1,000	\$ 1,000
5.	Survey	1 LS	\$ 1,000	\$ 1,000
6.	Temporary Erosion Control	1 LS	\$ 95,000	\$ 95,000
7.	Dewatering	1 LS	\$ 95,000	\$ 95,000
8.	Clearing and Grubbing	0.40 AC	\$ 15,000	\$ 6,000
9.	Fish Removal	1 LS	\$ 25,000	\$ 25,000
10.	Excavation Incl. Haul	650 CY	\$ 40	\$ 26,000
11.	Streambed Gravel	290 TN	\$ 50	\$ 14,500
12.	Stream Boulders	180 EA	\$ 400	\$ 72,000
13.	Chainlink Fence	1740 LF	\$ 35	\$ 60,900
14.	Cribwalls	870 SF	\$ 400	\$ 348,000
15.	Vegetated Geogrid	870 SF	\$ 15	\$ 13,050
16.	Coir Log	1300 LF	\$ 18	\$ 23,400
17.	Willow Fascines	500 LF	\$ 25	\$ 12,500
18.	Large Woody Debris	180 EA	\$ 2,700	\$ 486,000
19.	Riparian Plantings	1000 SY	\$ 10	\$ 10,000
20.	Surface Restoration (seeding, fertilizing, planting, etc)	2000 SY	\$ 7	\$ 14,000
21.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 1,468,000
	Construction Contingencies (20%)			\$ 294,000
	Sales Tax (9.1%)			\$ 134,000
	<b>Total Construction Cost</b>			<b>\$ 1,896,000</b>
	Design, Engineering & Construction Management (25%)			\$ 474,000
	Permitting (25%)			\$ 474,000
	Easements (Temporary & Permanent)	21780 SF	\$ 1	\$ 22,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	16 EA	\$ 1,000	\$ 16,000
<b>TOTAL PROJECT COST</b>				<b>\$ 2,882,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC10-A: Runoff Storage along 136th Street NE at 45th Avenue**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 21,000	\$ 21,000
3.	Project Temporary Traffic Control	1	LS	\$ 10,000	\$ 10,000
4.	Locate Existing Utilities	1	LS	\$ 2,000	\$ 2,000
5.	Survey	1	LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1	LS	\$ 3,000	\$ 3,000
7.	Dewatering	1	LS	\$ 25,000	\$ 25,000
8.	Excavation Incl. Haul	3700	CY	\$ 40	\$ 148,000
9.	18-inch Storm Pipe incl. Bedding	150	LF	\$ 60	\$ 9,000
10.	Surface Restoration (seeding, fertilizing, planting, etc)	500	SY	\$ 7	\$ 3,500
11.	Project Documentation	1	LS	\$ 2,000	\$ 2,000
	Subtotal				\$ 230,000
	Construction Contingencies (20%)				\$ 46,000
	Sales Tax (9.1%)				\$ 21,000
	<b>Total Construction Cost</b>				<b>\$ 297,000</b>
	Design, Engineering & Construction Management (25%)				\$ 75,000
	Permitting (10%)				\$ 30,000
	Easements (Temporary & Permanent)	0.54	AC	\$ 40,000	\$ 22,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	1	EA	\$ 1,000	\$ 1,000
<b>TOTAL PROJECT COST</b>					<b>\$ 425,000</b>



**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC11: Culvert Removal and Bridge Installation at 104th Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 48,000	\$ 48,000
3.	Project Temporary Traffic Control	1	LS	\$ 10,000	\$ 10,000
4.	Locate Existing Utilities	1	LS	\$ 2,000	\$ 2,000
5.	Survey	1	LS	\$ 5,000	\$ 5,000
6.	Utility Relocation	1	LS	\$ 10,000	\$ 10,000
7.	Temporary Erosion Control	1	LS	\$ 20,000	\$ 20,000
8.	Dewatering	1	LS	\$ 15,000	\$ 15,000
9.	Clearing and Grubbing	0.10	AC	\$ 15,000	\$ 1,500
10.	Temporary Bypass	1	LS	\$ 15,000	\$ 15,000
11.	Excavation Incl. Haul	800	CY	\$ 40	\$ 32,000
12.	Remove Existing Culvert	75	LF	\$ 35	\$ 2,625
13.	Remove Asphalt Pavement	200	SY	\$ 5	\$ 1,000
14.	Crushed Surfacing Base Course	40	TN	\$ 35	\$ 1,400
15.	Light Loose Riprap	70	TN	\$ 80	\$ 5,600
16.	Streambed Gravel	170	TN	\$ 50	\$ 8,500
17.	HMA, CL 1/2-in PG 64-22	50	TN	\$ 145	\$ 7,250
18.	50-ft Single Span Bridge	1	LS	\$ 260,000	\$ 260,000
19.	Concrete Footings (class 4000)	80	CY	\$ 750	\$ 60,000
20.	Large Woody Debris	5	EA	\$ 2,700	\$ 13,500
21.	Surface Restoration (seeding, fertilizing, planting, etc)	190	SY	\$ 7	\$ 1,330
22.	Project Documentation	1	LS	\$ 2,000	\$ 2,000
	Subtotal				\$ 523,000
	Construction Contingencies (20%)				\$ 105,000
	Sales Tax (9.1%)				\$ 48,000
	<b>Total Construction Cost</b>				<b>\$ 676,000</b>
	Design, Engineering & Construction Management (25%)				\$ 169,000
	Permitting (25%)				\$ 169,000
	Easements (Temporary & Permanent)	1000	SF	\$ 1	\$ 1,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	2	EA	\$ 1,000	\$ 2,000
<b>TOTAL PROJECT COST</b>					<b>\$ 1,017,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC12: Culvert Removal and Bridge Installation at 103rd Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 46,000	\$ 46,000
3.	Project Temporary Traffic Control	1 LS	\$ 9,000	\$ 9,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Utility Relocation	1 LS	\$ 10,000	\$ 10,000
7.	Temporary Erosion Control	1 LS	\$ 10,000	\$ 10,000
8.	Dewatering	1 LS	\$ 15,000	\$ 15,000
9.	Clearing and Grubbing	0.10 AC	\$ 15,000	\$ 1,500
10.	Temporary Bypass	1 LS	\$ 15,000	\$ 15,000
11.	Excavation Incl. Haul	700 CY	\$ 40	\$ 28,000
12.	Remove Existing Pipe	35 LF	\$ 30	\$ 1,050
13.	Remove Asphalt Pavement	160 SY	\$ 5	\$ 800
14.	Crushed Surfacing Base Course	40 TN	\$ 35	\$ 1,400
15.	Light Loose Riprap	70 TN	\$ 80	\$ 5,600
16.	Streambed Gravel	170 TN	\$ 50	\$ 8,500
17.	HMA, CL 1/2-in PG 64-22	40 TN	\$ 145	\$ 5,800
18.	50-ft Single Span Bridge	1 LS	\$ 260,000	\$ 260,000
19.	Concrete Footings (class 4000)	80 CY	\$ 750	\$ 60,000
20.	Large Woody Debris	5 EA	\$ 2,700	\$ 13,500
21.	Surface Restoration (seeding, fertilizing, planting, etc)	190 SY	\$ 7	\$ 1,330
22.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 503,000
	Construction Contingencies (20%)			\$ 101,000
	Sales Tax (9.1%)			\$ 46,000
	<b>Total Construction Cost</b>			<b>\$ 650,000</b>
	Design, Engineering & Construction Management (25%)			\$ 163,000
	Permitting (25%)			\$ 163,000
	Easements (Temporary & Permanent)	1000 SF	\$ 1	\$ 1,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	3 EA	\$ 1,000	\$ 3,000
<b>TOTAL PROJECT COST</b>				<b>\$ 980,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**QC13: Culvert Removal and Bridge Installation along Quilceda Creek at State Avenue**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 328,000	\$ 328,000
3.	Project Temporary Traffic Control	1 LS	\$ 157,000	\$ 157,000
4.	Locate Existing Utilities	1 LS	\$ 5,000	\$ 5,000
5.	Survey	1 LS	\$ 54,000	\$ 54,000
6.	Utility Relocation	1 LS	\$ 25,000	\$ 25,000
7.	Temporary Erosion Control	1 LS	\$ 100,000	\$ 100,000
8.	Dewatering	1 LS	\$ 200,000	\$ 200,000
9.	Clearing and Grubbing	0.25 AC	\$ 15,000	\$ 3,750
10.	Temporary Bypass	1 LS	\$ 50,000	\$ 50,000
11.	Excavation Incl. Haul	22600 CY	\$ 40	\$ 904,000
12.	Remove Existing Pipe	180 LF	\$ 30	\$ 5,400
13.	Remove Asphalt Pavement	890 SY	\$ 5	\$ 4,450
14.	Crushed Surfacing Base Course	270 TN	\$ 35	\$ 9,450
15.	Light Loose Riprap	140 TN	\$ 80	\$ 11,200
16.	Streambed Gravel	300 TN	\$ 50	\$ 15,000
17.	HMA, CL 1/2-in PG 64-22	210 TN	\$ 145	\$ 30,450
18.	180-ft Single Span Bridge	1 LS	\$ 1,500,000	\$ 1,500,000
19.	Concrete Footings (class 4000)	170 CY	\$ 750	\$ 127,500
20.	Large Woody Debris	20 EA	\$ 2,700	\$ 54,000
21.	Surface Restoration (seeding, fertilizing, planting, etc)	1600 SY	\$ 7	\$ 11,200
22.	Project Documentation	1 LS	\$ 10,000	\$ 10,000
	Subtotal			\$ 3,607,000
	Construction Contingencies (20%)			\$ 722,000
	Sales Tax (9.1%)			\$ 329,000
	<b>Total Construction Cost</b>			<b>\$ 4,658,000</b>
	Design, Engineering & Construction Management (25%)			\$ 1,165,000
	Permitting (20%)			\$ 932,000
	Easements (Temporary & Permanent)	0 SF	\$ 1	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0 EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>				<b>\$ 6,755,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**AC1: Storm Pipe Replacement at 95th Street NE and 67th Avenue NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 9,000	\$ 9,000
3.	Project Temporary Traffic Control	1 LS	\$ 8,000	\$ 8,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Relocate Existing Utilities	1 LS	\$ 5,000	\$ 5,000
7.	Temporary Erosion Control	1 LS	\$ 3,600	\$ 3,600
8.	Dewatering	1 LS	\$ 3,600	\$ 3,600
9.	Trench Excavation Safety Systems	227 LF	\$ 5	\$ 1,135
10.	Excavation Incl. Haul	300 CY	\$ 40	\$ 12,000
11.	Remove Existing Pipe	227 LF	\$ 30	\$ 6,810
12.	Sawcutting	464 LF	\$ 3	\$ 1,392
13.	Remove Asphalt Pavement	160 SY	\$ 5	\$ 800
14.	Crushed Surfacing Base Course	40 TN	\$ 35	\$ 1,400
15.	Gravel Borrow	10 TN	\$ 26	\$ 260
16.	Asphalt Treated Base	40 TN	\$ 100	\$ 4,000
17.	HMA, CL 1/2-in PG 64-22	28 TN	\$ 145	\$ 4,060
18.	18-inch Storm Pipe incl. Bedding	227 LF	\$ 60	\$ 13,620
19.	48-inch Type II Storm Manhole	1 EA	\$ 4,000	\$ 4,000
20.	Connect to Drainage Structure	2 EA	\$ 700	\$ 1,400
21.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 91,000
	Construction Contingencies (20%)			\$ 18,200
	Sales Tax (9.1%)			\$ 9,000
	<b>Total Construction Cost</b>			<b>\$ 118,200</b>
	Design, Engineering & Construction Management (25%)			\$ 30,000
	Permitting (10%)			\$ 12,000
	Easements (Temporary & Permanent)	0 AC	\$ 40,000	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0 EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>				<b>\$ 161,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**AC2: Culvert Replacement and Erosion Control Measures at 88th Street NE**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 42,000	\$ 42,000
3.	Project Temporary Traffic Control	1	LS	\$ 32,000	\$ 32,000
4.	Temporary Erosion Control	1	LS	\$ 15,000	\$ 15,000
5.	Dewatering	1	LS	\$ 15,000	\$ 15,000
6.	Temporary Bypass	1	LS	\$ 30,000	\$ 30,000
7.	Roadway Excavation	640	CY	\$ 25	\$ 16,000
8.	Remove Existing Pipe	100	LF	\$ 30	\$ 3,000
9.	Sawcutting	60	LF	\$ 3	\$ 180
10.	Remove Asphalt Pavement	240	SY	\$ 5	\$ 1,200
11.	Crushed Surfacing Base Course	80	TN	\$ 35	\$ 2,800
12.	Gravel Borrow	150	TN	\$ 26	\$ 3,900
13.	Streambed Gravel	170	TN	\$ 50	\$ 8,500
14.	HMA, CL 1/2-in PG 64-22	60	TN	\$ 145	\$ 8,700
15.	25-ft Span Reinforced Concrete Box Culvert	80	LF	\$ 3,500	\$ 280,000
16.	Project Documentation	1	LS	\$ 2,000	\$ 2,000
	Subtotal				\$ 462,000
	Construction Contingencies (20%)				\$ 93,000
	Sales Tax (9.1%)				\$ 43,000
	<b>Total Construction Cost</b>				<b>\$ 598,000</b>
	Design, Engineering & Construction Management (25%)				\$ 150,000
	Permitting (25%)				\$ 150,000
	Easements (Temporary & Permanent)	0	SF	\$ 1	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0	EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>					<b>\$ 898,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**AC3: Storm Pipe Replacement at 61st Street NE Cul-de-sac**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 17,000	\$ 17,000
3.	Project Temporary Traffic Control	1 LS	\$ 4,000	\$ 4,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 5,000	\$ 5,000
7.	Dewatering	1 LS	\$ 15,000	\$ 15,000
8.	Trench Excavation Safety Systems	680 LF	\$ 5	\$ 3,400
9.	Excavation Incl. Haul	790 CY	\$ 40	\$ 31,600
10.	Remove Existing Pipe	680 LF	\$ 30	\$ 20,400
11.	Sawcutting	1370 LF	\$ 3	\$ 4,110
12.	Remove Asphalt Pavement	460 SY	\$ 5	\$ 2,300
13.	Crushed Surfacing Base Course	100 TN	\$ 35	\$ 3,500
14.	Gravel Borrow	10 TN	\$ 26	\$ 260
15.	HMA, CL 1/2-in PG 64-22	90 TN	\$ 145	\$ 13,050
16.	12-inch Storm Pipe incl. Bedding	160 LF	\$ 45	\$ 7,200
17.	15-inch Storm Pipe incl. Bedding	520 LF	\$ 50	\$ 26,000
18.	48-inch Type II Storm Manhole	5 EA	\$ 4,000	\$ 20,000
19.	Connect to Drainage Structure	3 EA	\$ 700	\$ 2,100
20.	Project Documentation	1 LS	\$ 2,000	\$ 2,000
	Subtotal			\$ 185,000
	Construction Contingencies (20%)			\$ 37,000
	Sales Tax (9.1%)			\$ 17,000
	<b>Total Construction Cost</b>			<b>\$ 239,000</b>
	Design, Engineering & Construction Management (25%)			\$ 60,000
	Permitting (10%)			\$ 24,000
	Easements (Temporary & Permanent)	0 AC	\$ 40,000	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0 EA	\$ 1,000	\$ --
<b>TOTAL PROJECT COST</b>				<b>\$ 323,000</b>

**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**AC4: Storm Pipe Replacement at 60th Place NE and surrounding area**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 34,000	\$ 34,000
3.	Project Temporary Traffic Control	1 LS	\$ 17,000	\$ 17,000
4.	Locate Existing Utilities	1 LS	\$ 5,000	\$ 5,000
5.	Survey	1 LS	\$ 10,000	\$ 10,000
6.	Utility Coordination	1 LS	\$ 10,000	\$ 10,000
7.	Temporary Erosion Control	1 LS	\$ 10,000	\$ 10,000
8.	Dewatering	1 LS	\$ 15,000	\$ 15,000
9.	Trench Excavation Safety Systems	1230 LF	\$ 5	\$ 6,150
10.	Excavation Incl. Haul	1500 CY	\$ 40	\$ 60,000
11.	Remove Existing Pipe	1230 LF	\$ 30	\$ 36,900
12.	Sawcutting	2470 LF	\$ 3	\$ 7,410
13.	Remove Asphalt Pavement	760 SY	\$ 5	\$ 3,800
14.	Crushed Surfacing Base Course	160 TN	\$ 35	\$ 5,600
15.	Gravel Borrow	30 TN	\$ 26	\$ 780
16.	HMA, CL 1/2-in PG 64-22	140 TN	\$ 145	\$ 20,300
17.	15-inch Storm Pipe incl. Bedding	780 LF	\$ 50	\$ 39,000
18.	18-inch Storm Pipe incl. Bedding	450 LF	\$ 60	\$ 27,000
19.	48-inch Type II Storm Manhole	13 EA	\$ 4,000	\$ 52,000
20.	Connect to Drainage Structure	10 EA	\$ 700	\$ 7,000.00
21.	Surface Restoration (seeding, fertilizing, planting, etc)	70 SY	\$ 7	\$ 490
22.	Project Documentation	1 LS	\$ 5,000	\$ 5,000
	Subtotal			\$ 374,000
	Construction Contingencies (20%)			\$ 75,000
	Sales Tax (9.1%)			\$ 34,100
	<b>Total Construction Cost</b>			<b>\$ 483,100</b>
	Design, Engineering & Construction Management (25%)			\$ 121,000
	Permitting (10%)			\$ 49,000
	Easements (Temporary & Permanent)	0 AC	\$ 40,000	\$ -
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	0 EA	\$ 1,000	\$ -
<b>TOTAL PROJECT COST</b>				<b>\$ 654,000</b>

**CITY OF MARYSVILLE  
ENGINEER'S COST ESTIMATE**

**ES2: Water Quality Treatment Facility at Downtown Marina Outfall**

September 20, 2016

G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT
1.	SPCC Plan	1 LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1 LS	\$ 445,000	\$ 445,000
3.	Project Temporary Traffic Control	1 LS	\$ 5,000	\$ 5,000
4.	Locate Existing Utilities	1 LS	\$ 2,000	\$ 2,000
5.	Survey	1 LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1 LS	\$ 20,000	\$ 20,000
7.	Dewatering	1 LS	\$ 75,000	\$ 75,000
8.	Clearing and Grubbing	0.28 AC	\$ 15,000	\$ 4,132
9.	Excavation Incl. Haul	1,800 CY	\$ 10	\$ 18,000
10.	Inlet and Outlet Controls	2 LS	\$ 50,000	\$ 100,000
11.	Treatment Facility	12,000 SF	\$ 350	\$ 4,200,000
12.	Surface Restoration (seeding, fertilizing, planting, etc)	1,344 SY	\$ 7	\$ 9,411
13.	Project Documentation	1 LS	\$ 5,000	\$ 5,000
	Subtotal			\$ 4,890,000
	Construction Contingencies (20%)			\$ 978,000
	Sales Tax (9.1%)			\$ 445,000
	<b>Total Construction Cost</b>			<b>\$ 6,313,000</b>
	Design, Engineering & Construction Management(25%)			\$ 1,579,000
	Permitting (5%)			\$ 316,000
	<b>TOTAL PROJECT COST</b>			<b>\$ 8,208,000</b>



**CITY OF MARYSVILLE**  
**ENGINEER'S COST ESTIMATE**  
**KC1: Culvert Replacement along King Creek at Soper Hill Road**  
September 1, 2016  
G&O # 15550

NO.	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT
1.	SPCC Plan	1	LS	\$ 1,000	\$ 1,000
2.	Mobilization, Cleanup and Demobilization	1	LS	\$ 77,000	\$ 77,000
3.	Project Temporary Traffic Control	1	LS	\$ 24,000	\$ 24,000
4.	Locate Existing Utilities	1	LS	\$ 3,000	\$ 3,000
5.	Survey	1	LS	\$ 5,000	\$ 5,000
6.	Temporary Erosion Control	1	LS	\$ 10,000	\$ 10,000
7.	Dewatering	1	LS	\$ 15,000	\$ 15,000
8.	Temporary Bypass	1	LS	\$ 35,000	\$ 35,000
9.	Excavation Incl. Haul	5220	CY	\$ 40	\$ 208,800
10.	Remove Existing Pipe	100	LF	\$ 30	\$ 3,000
11.	Sawcutting	44	LF	\$ 3	\$ 132
12.	Remove Asphalt Pavement	200	SY	\$ 5	\$ 1,000
13.	Crushed Surfacing Base Course	40	TN	\$ 35	\$ 1,400
14.	Gravel Borrow	240	TN	\$ 26	\$ 6,240
15.	Streambed Gravel	410	TN	\$ 50	\$ 20,500
16.	Quarry Spalls	300	TN	\$ 60	\$ 18,000
17.	Stream Boulders	200	EA	\$ 400	\$ 80,000
18.	HMA, CL 1/2-in PG 64-22	47	TN	\$ 145	\$ 6,800
19.	Guardrail	160	LF	\$ 30	\$ 4,800
20.	17-ft Span Reinforced Concrete Box Culvert	160	LF	\$ 2,000	\$ 320,000
21.	Surface Restoration (seeding, fertilizing, planting, etc)	230	SY	\$ 7	\$ 1,610
22.	Project Documentation	1	LS	\$ 2,000	\$ 2,000
	Subtotal				\$ 845,000
	Construction Contingencies (20%)				\$ 169,000
	Sales Tax (9.1%)				\$ 77,000
	<b>Total Construction Cost</b>				<b>\$ 1,091,000</b>
	Design, Engineering & Construction Management (25%)				\$ 273,000
	Permitting (20%)				\$ 219,000
	Easements (Temporary & Permanent)	5000	SF	\$ 1	\$ 5,000
	Fixed costs for Easements (Negotiations, Agent, Survey, etc.)	2	EA	\$ 1,000	\$ 2,000
<b>TOTAL PROJECT COST</b>					<b>\$ 1,590,000</b>

# *Index #13*

**CITY OF MARYSVILLE**  
Marysville, Washington

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE CITY OF MARYSVILLE, WASHINGTON  
DECLARING CERTAIN ITEMS OF PERSONAL PROPERTY TO BE  
SURPLUSED AND AUTHORIZING THE SALE OR DISPOSAL THEREOF.**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MARYSVILLE, WASHINGTON AS FOLLOWS:

The items of personal property listed below are hereby declared to be surplus and are of no further public use or necessity.

ASSET #	YEAR	DESCRIPTION	SERIAL #	QUANTITY
CC03	2003	Curotto Can Automated Carry Can	CC5355	1
CC05	2010	Curotto Can Automated Carry Can	SE6768	1
CC06	2012	Curotto Can Automated Carry Can	SE7310	1
CC07	2012	Curotto Can Automated Carry Can	SE7309	1
CC08	2012	Curotto Can Automated Carry Can	SE7308	1
102	1999	Ford Taurus Sedan	1FAPP52U4XG207372	1
244	1992	Ford Vactor	1FDZU90L1NVA35047	1
249	1996	Ford F350 Flatbed Truck	1FDLF47G7TEA41914	1
252	1998	Ford Aeromax 10-12yd Dump Truck	1FDYV96W8WVA23005	1
438	1995	Ford Taurus Sedan	1FALP52U7SG313519	1
950	1997	Jeep Cherokee SUV	1J4FJ28S5VL516203	1
P106	2003	Ford Crown Victoria	2FAHP71W93X194630	1
P110	2004	Ford Crown Victoria	2FAHP71W74X145124	1
P116	2005	Ford Crown Victoria	2FAHP71W85X150785	1
P119	2006	Ford Crown Victoria	2FAHP71W06X114705	1
P123	2007	Ford Crown Victoria	2FAHP71WX7X135952	1
P128	2008	Ford Crown Victoria	2FAHP71V98X104586	1
P131	2008	Ford Crown Victoria	2FAHP71V68X147623	1
P141	2006	Ford Crown Victoria	2FAHP71W96X140607	1
P142	2006	Ford Crown Victoria	2FAHP71W47X135946	1
FMS047	2005	Motorvac Trans Tech 3/Transmission Flush Machine	85577	1

The City is hereby authorized to sell or dispose of the above referenced items in a manner, which in the discretion of the Fleet and Facilities Manager nets the greatest amount to the City.

PASSED by City Council and APPROVED by the Mayor this \_\_\_\_\_ day of June, 2017.

CITY OF MARYSVILLE

By \_\_\_\_\_  
JON NEHRING, Mayor

\_\_\_\_\_

ATTEST:

By \_\_\_\_\_  
APRIL O'BRIEN, Deputy City Clerk

Approved as to form:

By \_\_\_\_\_  
JON WALKER, City Attorney