



CITY COUNCIL REGULAR HYBRID MEETING

Tuesday, May 28, 2024, 7:00 PM

Snoqualmie City Hall, 38624 SE River Street & Zoom

MAYOR & COUNCIL MEMBERS

Mayor Katherine Ross

Councilmembers: Ethan Benson, Cara Christensen,
Catherine Cotton, Bryan Holloway, Jo Johnson,
Louis Washington, and Robert Wotton

This meeting will be conducted in person and remotely using teleconferencing technology provided by Zoom.

Join by Telephone: To listen to the meeting via telephone, please call **253.215.8782** and enter Webinar ID **813 0614 8787** and Password **1800110121** if prompted.

Press *9 to raise your hand to speak. Raising your hand signals the meeting moderator that you have a comment.
Press *6 to mute and unmute.

Join by Internet: To watch the meeting over the internet via your computer, follow these steps:

- 1) Click this [link](#)
- 2) If the Zoom app is not installed on your computer, you will be prompted to download it.
- 3) If prompted for Webinar ID, enter **813 0614 8787**; Enter Password **1800110121**
- 4) Please confirm that your audio works prior to participating.

CALL TO ORDER & ROLL CALL

PLEDGE OF ALLEGIANCE

AGENDA APPROVAL

PUBLIC HEARINGS, PRESENTATIONS, PROCLAMATIONS, AND APPOINTMENTS

Public Hearings

Appointments

Proclamations

- [1.](#) **Proclamation 24-12:** Emergency Medical Services (EMS) Week.
- [2.](#) **Proclamation 24-13:** National Public Works Week.

Presentations

3. Community Center Update and CIP Funding Strategy
4. Public Financing and Municipal Bonds

PUBLIC COMMENTS AND REQUESTS FOR ITEMS NOT ON THE AGENDA

(NOTE: No online public comments will be accepted during the meeting. Written comments are encouraged and may be submitted via in-person drop off, mail, or e-mail to cityclerk@snoqualmiewa.gov. All written comments must be received by 3:00 p.m. on the day of the scheduled meeting.)

CONSENT AGENDA

- [5.](#) Approve the City Council Meeting Minutes dated May 13, 2024.
- [6.](#) Approve the Claims Report dated May 28, 2024.
- [7.](#) **AB24-067:** Climate Change Task Order for Services.
- [8.](#) **AB24-057:** FEMA Repetitive Loss Analysis Final Report Resolution.

ORDINANCES

- [9.](#) **AB24-054:** Text Amendments for House Bill 1220 Compliance.

Proposed Action: Move to adopt Ordinance No. 1291 amending various sections of Ch. 17.10 and 17.55 of the Snoqualmie Municipal Code to satisfy the requirements of HB 1220.

COMMITTEE REPORTS

Public Safety Committee:

Community Development Committee:

- [10.](#) **AB24-064:** Motion on Environmental Element.

Proposed Action: Move to accept the Council Roundtable edits on the Environmental Element Goal and Policies.

Parks & Public Works Committee:

- [11.](#) **AB24-063 and AB24-068:** Resolution Awarding a Public Works Contract to Rodarte Construction, Inc. for Schedule A & B of the 384th Avenue SE Sewer and Sidewalk Project.

Proposed Action:

Adopt a resolution awarding a Public Works Contract to Rodarte Construction, Inc. for the work described in Schedules A & B of the 384th Avenue SE Sewer and Sidewalk Project, and authorizing the mayor to sign the contract.

or

Adopt a resolution awarding a Public Works Contract to Rodarte Construction, Inc. for the work described in Schedules A, B, & C of the 384th Avenue SE Sewer and Sidewalk Project, and authorizing the mayor to sign the contract.

Finance & Administration Committee:

Committee of the Whole:

REPORTS

12. Mayor's Report
13. Commission/Committee Liaison Reports

EXECUTIVE SESSION

14. Potential Executive Session pursuant to RCW 42.30.110(1)(i) Potential Litigation.
15. Potential Closed Session pursuant to RCW 42.30.140(4)(b) Collective Bargaining Proceedings.

ADJOURNMENT

Accommodation: Requests for assistance or accommodations can be arranged by contacting the City Clerk by phone at (425) 888-8016 or by e-mail at cityclerk@snoqualmiewa.gov no later than 3:00 pm the day of the meeting.



Proclamation

WHEREAS, emergency medical services is a vital public service; and

WHEREAS, the members of the emergency medical services teams are ready to provide lifesaving care to those in need 24 hours a day, seven days a week; and

WHEREAS, access to quality emergency care dramatically improves the survival and recover rate of those who experience sudden illness or injury; and

WHEREAS, the emergency medical services system consists of trained members of the community, first responders, emergency medical technicians, paramedics, dispatchers, emergency nurses, emergency physicians, and other out of hospital medical care providers; and

WHEREAS, the members of the emergency medical services teams, whether career or volunteer, engage in thousands of hours of specialized training and continuing education to enhance their lifesavings skills and serve their communities; and

WHEREAS, it is appropriate to recognize the value and the accomplishments of emergency medical services providers by designating Emergency Medical Services Week;

NOW, THEREFORE, I, Katherine Ross, Mayor of the City of Snoqualmie, Washington, do hereby proclaim May 19-25, 2024, as

EMERGENCY MEDICAL SERVICES WEEK

in the City of Snoqualmie reminding the community that everyday EMS responders are faced with many challenges and yet still rise above them all and continue to respond, support, and care for the needs of the community.

APPROVED, this 28th day of May 2024

Katherine Ross, Mayor
Proclamation No. 24-12





Proclamation

WHEREAS, public works professionals focus on infrastructure, facilities, and services that are of vital importance to sustainable and resilient communities and to public health, high quality of life, and well-being of the residents of Snoqualmie; and

WHEREAS, these infrastructure, facilities, and services could not be provided without the dedicated efforts of our public works professionals who are responsible for rebuilding, improving, and protecting our transportation, water supply, water treatment and solid waste systems, public buildings, and other structures and facilities essential for our residents; and

WHEREAS, it is in the public interest for all residents in Snoqualmie to gain knowledge of and maintain an ongoing interest and understanding of the importance of public works and public works programs in their community; and

WHEREAS, 2024 marks the 64th annual National Public Works Week sponsored by the American Public Works Association; and

NOW, THEREFORE, I, Katherine Ross, Mayor of the City of Snoqualmie, do hereby proclaim May 19-25, 2024, as

NATIONAL PUBLIC WORKS WEEK

In recognition of the hard-working public works professionals and the substantial contributions they make to protecting our national health, safety, and advancing quality of life for all.

APPROVED,

A handwritten signature in blue ink that reads "Katherine Ross". The signature is written in a cursive style.

Katherine Ross, Mayor

Proclamation No. 24-13





CITY COUNCIL ROUNDTABLE MEETING MINUTES CITY COUNCIL REGULAR MEETING MINUTES May 13, 2024

ROUNDTABLE MEETING

CALL TO ORDER & ROLL CALL: Mayor Ross called the Roundtable Meeting to order at 6:00 pm.

City Council: Councilmembers Ethan Benson, Robert Wotton, Bryan Holloway, Louis Washington, Catherine Cotton, Cara Christensen, and Jo Johnson.

Mayor Katherine Ross was also present.

City Staff Present: Drew Bouta, Finance Director; Deana Dean, City Clerk; Emily Arteché, Community Development Director; Danna McCall, Communications Coordinator (remote); Gary Horejsi, Police Captain; Gretchen Garrett, Deputy City Clerk; and Andy Latham, IT Support.

AGENDA APPROVAL

It was moved by CM Johnson, seconded by CM Christensen to:

Approve the agenda.

PASSED:7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

SPECIAL BUSINESS

1. **Comprehensive Plan:** Environmental Element. Community Development Director Emily Arteché introduced this item. Discussion followed and revisions were noted. This matter will be brought back at the May 28, 2024, City Council meeting for final review and approval.

ADD ON

Comprehensive Plan: Economic Development. This item was added on from the 7:00 pm Regular Meeting. Continued review from the April 22, 2024, City Council meeting. Discussion and revisions were noted.

It was moved by CM Wotton, seconded by CM Washington to adjourn. The roundtable meeting ended at 6:49 pm.

REGULAR MEETING

CALL TO ORDER: Mayor Ross called the Regular Meeting to order 7:00 pm.

City Council: Councilmembers Ethan Benson, Robert Wotton, Bryan Holloway, Louis Washington, Catherine Cotton, Cara Christensen, and Jo Johnson.

Mayor Katherine Ross was also present.

City Staff:

Kim Pratt, Interim City Attorney; Deana Dean, City Clerk; Gretchen Garrett, Deputy City Clerk; Dana McCall, Communications Coordinator (remote); Brian Lynch, Police Chief; Gary Horejsi, Police Captain; Fletcher LaCroix, Information Technology Director; Michael Liebetrau, Police Evidence and Records Technician; Emily Arteché, Community Development Director; Jeff Hamlin, Parks & Public Works Director (remote); Mike Bailey, Fire Chief (remote); Hind Ahmed, Project Engineer; Andrew Vining, Project Engineer; Dylan Gamble, CIP Manager; Drew Bouta, Finance Director; Tami Wood, Revenue Manager; Janna Walker, Budget Manager; Nicole Wiebe, Community Liaison; Kim Johnson, HR Manager; and Andy Latham, IT Support.

PLEDGE OF ALLEGIANCE**AGENDA APPROVAL**

It was moved by CM Holloway; seconded by CM Washington to:
Approve the agenda.

It was moved by CM Holloway, seconded by CM Washington to:
Move Proclamations to occur right after approval of the agenda.
PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

It was moved by CM Holloway; seconded by CM Washington to:
Approve the agenda as amended.
PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

PUBLIC HEARINGS, PRESENTATIONS, PROCLAMATIONS, AND APPOINTMENTS**Proclamations**

2. **Proclamation 24-10:** Affordable Housing Week. Proclamation 24-10 read into the record. Mayor proclaims the week of May 13-17 as Affordable Housing Week.
3. **Proclamation 24-11:** National Police Week. Proclamation 24-11 read into the record. Mayor proclaims May 12-18 as National Police Week.

Public Hearings**Appointments****Presentations**

4. Introduction of Mayor's Proposed 2025-2030 CIP ("Non-Utilities"). Presentation and introduction by Dylan Gamble, CIP Manager. Additional information provided by Drew Bouta, Finance Director. Discussion followed. This matter will be brought back at the May 21st Council Committee meetings.

PUBLIC COMMENTS AND REQUESTS FOR ITEMS NOT ON THE AGENDA

- City Clerk Dean introduced the new Deputy City Clerk Gretchen Garrett.

CONSENT AGENDA

5. Approve the City Council Meeting Minutes dated April 22, 2024.
6. Approve the Claims Report dated May 13, 2024.

It was moved by CM Holloway; seconded by CM Christensen to:

Approve the consent agenda.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

ORDINANCES

7. **AB24-015:** Ordinance Relating to the Misuse of Emergency Response System. This is the second reading of Ordinance No. 1290. Councilmember Wotton read the introduction into the record. Susan Burk, of Snoqualmie, spoke to this item expressing her support of this ordinance. Teresa Davenport, from Issaquah Dispatch, spoke to this item expressing her support of this ordinance. Chief Lynch provided an overview. CM Wotton requested the audio recording be listened to on the record. Discussion followed. CM Wotton withdrew his request.

It was moved by CM Wotton; seconded by CM Holloway to:

Adopt Ordinance 1290 – Misuse of the 911 Response System and authorize the Mayor to sign.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

8. **AB24-054:** Emergency Housing Code Amendment. This is the first reading of Ordinance No. 1291. Councilmember Washington read the introduction into the record. The second reading will take place at the May 28, 2024, Council meeting. Consultant Andrew Levin provided an overview and answered questions.

COMMITTEE REPORTS

Public Safety Committee: No further report.

Community Development Committee:

9. **AB24-056:** Motion on Economic Development Element of Comprehensive Plan. Councilmember Washington read the introduction into the record. Council comments followed.

It was moved by CM Washington; seconded by CM Holloway to:

Accept the Council Roundtable edits on the Economic Development Element as shown in Exhibit 1 as part of an on-going review of the City Comprehensive Plan Periodic Review Update, 2044, subject to integration and harmonization with the other Comprehensive Plan elements under review.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

Parks & Public Works Committee:

10. **AB24-058:** Meadowbrook Bridge Restoration. Councilmember Benson read the introduction into the record. Project Engineer Hind Ahmed provided an overview.

It was moved by CM Benson; seconded by CM Holloway to:

Approve Task Order 20 with Otak, Inc. Meadowbrook Bridge Restoration and authorize the Mayor to sign.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

11. Reclaimed Water Reservoir Project Update. Presentation provided by Andrew Vining, Project Engineer. Topics included Class A Distribution System & Improvements, and Project Budget and Schedule. Discussion followed.

It was moved by CM Johnson, seconded by CM Christensen to:

Go into Executive Session.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

It was moved by CM Holloway, seconded by CM Johnson to:

Amend the motion to add this item to the existing Executive Session at the end of the agenda.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

12. King Street Closure Discussion. Presentation provided by Dylan Gamble, CIP Manager. Additional information provided by Nicole Wiebe, Community Liaison. Discussion followed.

At 8:55 pm, Council recessed for five minutes.

Council resumed at 9:01 pm.

Finance & Administration Committee:

13. North Bend Police Services Contract Discussion. Presentation provided by Chief Lynch. Topics included current agreement, automatic renewal, termination, pre-negotiated renewal terms, North Bend status/request, analysis, and counter. Discussion followed.

It was moved by CM Holloway; seconded by CM Washington to:

Extend Council Meeting past 10:00 pm.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

REPORTS

14. Mayor's Report. Due to time, this item was not heard.
15. Commission/Committee Liaison Reports. Due to time, this item was not heard.
16. Department Reports. Due to time, this item was not heard.

EXECUTIVE/CLOSED SESSION

17. Two Executive Sessions pursuant to RCW 42.30.110(1)(i) to discuss with legal counsel representing the agency matters relating to agency enforcement actions, or to discuss with legal counsel representing the agency litigation or potential litigation to which the agency, the governing body, or a member acting in an official capacity is, or is likely to become, a party, when public knowledge regarding the discussion is likely to result in an adverse legal or financial consequence to the agency; lasting a total of approximately 30 minutes.

At 9:48 pm, Council took a 5-minute break and will reconvene in Executive Session which is expected to last until 10:25 pm. No action was anticipated following Executive and Closed Sessions.

At 10:25 pm, Council extended Executive Session until 10:40 pm.

At 10:40 pm, Council extended Executive Session until 10:50 pm.

Council reconvened at 10:50 pm.

ADJOURNMENT

It was moved by CM Johnson; seconded by CM Washington to:

Adjourn the meeting.

PASSED: 7-0 (Benson, Wotton, Holloway, Washington, Cotton, Christensen, Johnson)

Meeting was adjourned at 10:50 pm.

CITY OF SNOQUALMIE

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk



Jerry Knutsen, Financial Service Manager
38624 SE River St. | PO Box 987
Snoqualmie, Washington 98065
(425) 888-1555 | jknutsen@snoqualmiewa.gov

To: City Council
Finance & Administration Committee

From: Jerry Knutsen, Financial Services Manager

Date: May 28, 2024

Subject: CLAIMS REPORT
Approval of payments for the period: April 30, 2024, through May 9, 2024

BACKGROUND

Per RCW 42.24.080, all claims presented against the city by persons furnishing materials, rendering services, or performing labor must be certified by the appropriate official to ensure that the materials have been furnished, the services rendered, or the labor performed as described, and that the claims are just, due, and unpaid obligations against the city, before payment can be made. Expedited processing of the payment of claims when certain conditions have been met allows for the payment of claims before the legislative body has acted to approve the claims when: (1) the appropriate officers have furnished official bonds; (2) the legislative body has adopted policies that implement effective internal control; (3) the legislative body has provided for review of the documentation supporting the claims within a month of issuance; and (4) that if claims are disapproved, they shall be recognized as receivables and diligently pursued. The City of Snoqualmie meets all requirements of this state law.

Pursuant to Snoqualmie Municipal Code (SMC) Chapter 3.85, all Claims, Demands and Vouchers against the city, provides that the Finance Director or her designee will examine all claims prior to payment and provide periodic reporting of the payments to the City Council for final approval. Per SMC 3.85.040, to meet these requirements, the Finance Director schedules payment of claims and payroll for monthly Finance & Administration Committee review followed by full City Council approval on the consent agenda. Per SMC 3.85.050, documentation supporting claims paid and the Finance Director's written report are made available to all city council members at City Hall for 48 hours prior to the Finance & Administration Committee meeting. Following the 48-hour review period, the Finance & Administration Committee considers the claims as part of its regular agenda and recommends to the full city council whether to approve or disapprove the claims. Consistent with these requirements, this report seeks City Council approval of payment of claims and payroll batches summarized in the table below.

ANALYSIS

All payments made during these periods were found to be valid claims against the city. The City's internal controls include certification of the validity of all expenditures by the appropriate department and an internal audit conducted by designated finance department staff who review all claims and payroll payments. Staff performs system validation and exception reviews to validate payroll records. The Finance Director performs a random sampling review of supporting documentation for claims payments to ensure validity, as well as regularly reviews its processes to ensure appropriate internal controls are in place. The City issues disbursements for claims and payroll via the following methods:

- Warrant: paper negotiable instruments, very much like, although legally distinct from, checks
- Commercial Credit Card: as authorized by Financial Management Policy
- Electronic Funds Transfer (EFT). EFTs are electronic banking transactions (no paper instrument) of two basic types: (1) Automated Clearing House (ACH) for Electronic Fund Transfer (EFT) and (2) Wire Transfers a direct transfer between bank accounts

The foregoing amounts were budgeted in the 2023-2024 biennial budget, and sufficient funds are available to cover these payments, as appropriate. Details pertaining to the individual vendor payments are available in documentation provided for the Finance & Administration Committee and subsequent City Council review by accessing the following link on the city website: [Claims Report](#)

CITY OF SNOQUALMIE
Disbursements for Council Approval
Claims, Payroll and Miscellaneous

CLAIMS						
Batch ID	Date	Warrants			ACH	CLAIMS TOTAL
		From #	Thru #	Amount	Qty Amount	
90	5/2/2024	81777	81777	\$ 1,960.32		1,960.32
91	5/9/2024	81778	81881	778,171.48		778,171.48
						-
						-
						-

Grand Total	780,131.80
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PAYROLL (including Payroll Benefits)							
		Warrants			ACH		PAYROLL TOTAL
Batch ID	Date	From #	Thru #	Amount	Qty	Amount	
PS-7-24	5/7/2024				107	\$ 365,399.32	365,399.32
PS-7-24 #2	5/8/2024				1	\$ 1,384.77	1,384.77
PV5-7-24	5/7/2024	62448	62455	\$ 6,433.13	15	\$ 464,576.26	471,009.39
							-
Grand Total							837,793.48

Grand Total	837,793.48
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MISCELLANEOUS DISBURSEMENTS				
Date	Description	ACH Amount	Wire Amount	MISC TOTAL
4/30/2024	Navia - 2024 FSA Plan Reimbursements	\$ 416.68		\$ 416.68
4/30/2024	Navia - 2024 HRA Plan Reimbursements	\$ 10,579.85		\$ 10,579.85
5/1/2024	Merchant Card Fees - Bankcard	\$ 8,901.34		\$ 8,901.34
5/2/2024	Merchant Card Fees - Bluefin	\$ 233.69		\$ 233.69
5/2/2024	Merchant Card Fees - Tyler Munis	\$ 67.82		\$ 67.82
5/2/2024	Merchant Card Fees - Merchant Transact	\$ 755.98		\$ 755.98
5/3/2024	Merchant Card Fees - Fiserv Merchant	\$ 129.46		\$ 129.46
5/6/2024	Merchant Card Fees - American Express	\$ 1,083.55		\$ 1,083.55
5/6/2024	Merchant Card Fees - Tyler Munis - American Express	\$ 42.30		\$ 42.30
5/7/2024	Wire - King Street Purchase		\$ 256,143.43	\$ 256,143.43
5/7/2024	Navia - 2024 HRA Plan Reimbursements	\$ 5,016.44		\$ 5,016.44
				-

Grand Total	283,370.54
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Total	1,901,295.82
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The following claims and payments were objected to by Finance Director: **NONE**
(Itemize claims/demands amounts and circumstances, and summarize reasons for objection)

I, the undersigned, do hereby certify under penalty of perjury that the claims and payroll warrant and/or checks itemized above were issued to pay just, due, and unpaid obligations of the City of Snoqualmie for materials furnished, services rendered, or labor performed, and that I am authorized to authenticate and certify the foregoing.

Jerry Knutsen

May 15, 2024

Jerry Knutsen, Financial Operations Manager/Auditing Officer

Date _____

FINANCE & ADMINISTRATION COMMITTEE RECOMMENDATION: Approve / Not Approve

City of Snoqualmie

Claims presented to the City to be paid in the amount of \$1,960.32

For claims warrants numbered 81777 through 81777 & dated 05/02/2024

#90											
VENDOR NAME	ACCOUNT	ACCOUNT DESC	YEAR	PERIOD	TYPE	STATUS	AMOUNT	CHECK NO	INVOICE #	FULL DESC	INVOICE DATE CHECK DATE
US Postmaster	401.18.037.53481.542300.	Postage & Freight	2024	5	INV	Paid	653.44	81777	5/24 UB Postage	Utility Bill Mailing April (mailing date 5/3/2024)	5/1/2024 5/2/2024
US Postmaster	402.20.040.53580.542300.	Postage & Freight	2024	5	INV	Paid	653.44	81777	5/24 UB Postage	Utility Bill Mailing April (mailing date 5/3/2024)	5/1/2024 5/2/2024
US Postmaster	403.22.050.53130.542300.	Postage & Freight	2024	5	INV	Paid	653.44	81777	5/24 UB Postage	Utility Bill Mailing April (mailing date 5/3/2024)	5/1/2024 5/2/2024

City of Snoqualmie

Claims presented to the City to be paid in the amount of \$778,171.48

For claims warrants numbered 81778 through 81881 & dated 05/09/2024

#91											
VENDOR NAME	ACCOUNT	ACCOUNT DESC	YEAR	PERIOD	TYPE	STATUS	AMOUNT	CHECK NO	INVOICE #	FULL DESC	INVOICE DATE CHECK DATE
Absher Construction	310.13.702.59418.541060.	Community Ctr. - Design	2024	4	INV	Paid	204,315.34	81778	7	Contractor Fees for Design of Comm Center	4/10/2024 5/9/2024
AMZONCAP	001.07.008.55720.535900.	Small Tools & Equipment	2024	5	INV	Paid	51.22	81779	1RLP-XTG6-YRXN	U.S. Flag-police headshot photog. backdrop	4/26/2024 5/9/2024
AMZONCAP	001.09.014.52210.531000.	Office Supplies	2024	5	INV	Paid	94.06	81779	1J4G-Y64H-6KHR	Trash bags, binding machine and accessories	4/23/2024 5/9/2024
AMZONCAP	001.09.014.52210.531000.	Office Supplies	2024	5	INV	Paid	96.87	81779	1L67-16PP-7P7L	3 ring binders	4/26/2024 5/9/2024
AMZONCAP	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	74.20	81779	1J4G-Y64H-6KHR	Trash bags, binding machine and accessories	4/23/2024 5/9/2024
AMZONCAP	001.06.075.51810.531820.	Office Supplies	2024	4	INV	Paid	42.72	81779	1T3C-DGVP-D6XY	Wrap paper for employee Wellness CH Bulltn Brd.	4/6/2024 5/9/2024
AMZONCAP	001.06.075.51810.531820.	Info Tech Components	2024	4	INV	Paid	211.57	81779	1L7X-FCLF-9CTL	HR-Kim Johnson computer peripherals order	3/12/2024 5/9/2024
AMZONCAP	001.06.075.51810.531820.	Info Tech Components	2024	5	INV	Paid	182.77	81779	1R4D-MCKF-PFL6	Monitor Stand, Computer case- H. Florida	3/21/2024 5/9/2024
APSCO	402.20.040.53555.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	473.82	81780	24120	Biosolids R&M supplies-belts for blowers	3/28/2024 5/9/2024
ASPECT	001.14.032.55860.541080.	Environmental Services	2024	5	INV	Paid	790.00	81781	552482	Landslide Hazard Area Tree Removal Mitigation	3/18/2024 5/9/2024
ASPECT	001.14.032.55860.541080.	Environmental Services	2024	5	CRM	Paid	-598.50	81781	51667CM	Credit for Invoice 552482	6/2/2023 5/9/2024
Austin Gutwein	001.08.009.52131.543000.	Training & Travel	2024	5	INV	Paid	1,224.96	81782	RE A. Gutwein 3/24	Reimb. A. Gutwein trvl, meals 3/10-3/15 2024	4/25/2024 5/9/2024
Austin Gutwein	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	30.00	81782	RE A. Gutwein 9/23	Reimb. A. Gutwein per diem for trng 9/14-9/15 2023	4/25/2024 5/9/2024
Austin Gutwein	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	150.00	81782	RE A. Gutwein 5/24	Reimb. A. Gutwein per diem for trng 4/30-5/2 2024	4/25/2024 5/9/2024
BAINA	402.20.040.53580.548000.	Repair & Maintenance Services	2024	4	INV	Paid	1,413.10	81783	1105	BAI Svc- calibration of sensors	3/29/2024 5/9/2024
Brian Lynch	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	225.00	81784	RE B. Lynch 4/23	Reimb. B. Lynch per diem for trng 4/3-6/16 2023	4/25/2024 5/9/2024
Brian Lynch	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	75.00	81784	RE B. Lynch 5/23	Reimb. B. Lynch per diem 5/9-11 2023	4/25/2024 5/9/2024
Brian Lynch	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	225.00	81784	RE B Lynch 5/24	Reimb. B. Lynch per diem 5/19-23 2024	4/25/2024 5/9/2024
CALPORTL	001.16.035.54230.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	1,152.52	81785	96163898	crushed surfacing base course	12/8/2023 5/9/2024
CALPORTL	401.18.037.53481.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	423.08	81785	96168646	Crushed surfacing base course	12/13/2023 5/9/2024
CALPORTL	403.22.050.53130.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	77.34	81785	96084231	quarry spalls	10/5/2023 5/9/2024
CALPORTL	403.22.050.53135.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	93.64	81785	96088103	quarry spalls	10/9/2023 5/9/2024
CDK Construction	417.13.473.59431.548155.	Trees Maint & Replacement	2024	4	INV	Paid	237,943.26	81786	1000790	For Stormpond Fence Replacement @ Osprey & Sorensen	3/31/2024 5/9/2024
Christopher Werre	001.08.009.52140.543000.	Training & Travel	2024	4	INV	Paid	179.00	81787	RE C. Werre 9/23	C. Werre meals/fuel for WHIA Course 9/17-9-21 2023	9/29/2023 5/9/2024
Christopher Werre	001.08.009.52140.543000.	Training & Travel	2024	4	INV	Paid	100.00	81787	RE C. Werre 5/24	C. Werre per diem for WA Homicide Conf. May 2024	3/29/2024 5/9/2024
Christopher Werre	001.08.009.52140.543000.	Training & Travel	2024	4	INV	Paid	50.00	81787	RE C. Werre 5/24-2	C. Werre per diem for ATF training 5/14-5/15 2024	4/17/2024 5/9/2024
Christopher Werre	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	100.00	81787	RE C. Werre 5/23	Reimb. C. Werre per diem meals 5/9-5/12 2023	4/22/2024 5/9/2024
CINTAS	402.20.040.53580.545200.	Rent - Furniture & Equipment	2024	4	INV	Paid	140.48	81788	9261957830	WRF- AED rental	3/1/2024 5/9/2024
CINTAS	402.20.040.53580.545200.	Rent - Furniture & Equipment	2024	4	INV	Paid	140.48	81788	9265891071	WRF- AED rental	4/1/2024 5/9/2024
City Wide	510.24.053.51850.548200.	Custodial & Cleaning Services	2024	5	INV	Paid	1,370.34	81789	5T1015000127	For Custodial Services 4/23-4/30 2024	4/30/2024 5/9/2024
CIVICPLU	001.14.118.55730.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	7,336.75	81790	299907	Website Updates Tourism Page(s) & annual fee	4/22/2024 5/9/2024
COI	001.08.009.52360.541502.	Jail Services - Issaquah	2024	4	INV	Paid	18,284.06	81791	24000181	Jail housing-Snoqualmie inmates-March 2024	4/18/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	64.66	81792	2268002-0	Markers, highlighters, glass, multi, disinfectants	2/12/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	14.32	81792	2268560-0	memo notebooks, multifold towels/dishsoap	2/14/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	43.04	81792	2275118-0	divider folders, nitrile gloves	3/19/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	91.08	81792	2277716-0	binder clips, wrist rest, fan, tissue, urinal screen	4/2/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	194.11	81792	2279955-0	binder dividers, binder, sheet lifter, soap	4/12/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	150.49	81792	2280043-0	office supplies-binders, highlighters, staplers	4/12/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	INV	Paid	96.86	81792	2280349-0	staplers	4/15/2024 5/9/2024
COMP PD	001.08.009.52122.531000.	Office Supplies	2024	4	CRM	Paid	-96.86	81792	C2280043-0	credit inv. #2280349-0 Staplers-picking error	4/16/2024 5/9/2024
COMP PD	001.08.009.52122.531910.	Operating Supplies	2024	4	INV	Paid	476.84	81792	2275118-0	divider folders, nitrile gloves	3/19/2024 5/9/2024
COMP PD	510.24.053.51820.531340.	Custodial & Cleaning Supplies	2024	4	INV	Paid	194.63	81792	2268002-0	Markers, highlighters, glass, multi, disinfectants	2/12/2024 5/9/2024
COMP PD	510.24.053.51820.531340.	Custodial & Cleaning Supplies	2024	4	INV	Paid	90.20	81792	2268560-0	memo notebooks, multifold towels/dishsoap	2/14/2024 5/9/2024
COMP PD	510.24.053.51820.531340.	Custodial & Cleaning Supplies	2024	4	INV	Paid	75.68	81792	2277716-0	binder clips, wrist rest, fan, tissue, urinal screen	4/2/2024 5/9/2024
COMP PD	510.24.053.51820.531340.	Custodial & Cleaning Supplies	2024	4	INV	Paid	12.58	81792	2279955-0	binder dividers, binder, sheet lifter, soap	4/12/2024 5/9/2024
CORPPAY	001.05.005.51420.541000.	Professional Svcs - General	2024	5	INV	Paid	262.50	81793	4/24 DD	City Credit Card D. Dean	4/23/2024 5/9/2024
CORPPAY	001.05.005.51420.542300.	Postage & Freight	2024	5	INV	Paid	30.45	81793	4/24 DD	City Credit Card D. Dean	4/23/2024 5/9/2024
CORPPAY	001.05.005.51420.543000.	Training & Travel	2024	5	INV	Paid	556.92	81793	4/24 DD	City Credit Card D. Dean	4/23/2024 5/9/2024
CORPPAY	001.05.005.51420.549100.	City-Sponsored Expenses	2024	5	INV	Paid	155.00	81793	4/24 DD	City Credit Card D. Dean	4/23/2024 5/9/2024

CORPPAY	001.05.005.51420.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	100.00	81793 4/24 DD	City Credit Card D. Dean	4/23/2024	5/9/2024
CORPPAY	001.07.008.55720.543000.	Training & Travel	2024	5	INV	Paid	80.00	81793 4/24 DM	City Credit Card D. McCall	4/23/2024	5/9/2024
CORPPAY	001.07.008.55720.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	91.55	81793 4/24 DM	City Credit Card D. McCall	4/23/2024	5/9/2024
CORPPAY	001.07.008.55720.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	980.10	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.07.008.55720.549300.	Printing	2024	5	INV	Paid	44.91	81793 4/24 DM	City Credit Card D. McCall	4/23/2024	5/9/2024
CORPPAY	001.02.002.51160.549100.	City-Sponsored Expenses	2024	5	INV	Paid	459.70	81793 4/24 DD	City Credit Card D. Dean	4/23/2024	5/9/2024
CORPPAY	001.28.056.57120.531900.	Miscellaneous Supplies	2024	5	INV	Paid	498.09	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.28.056.57120.543000.	Training & Travel	2024	5	INV	Paid	90.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.01.001.51310.531040.	Tech-Prof Books Maps & Manuals	2024	5	INV	Paid	339.82	81793 4/24 MC	City Credit Card M. Chambless	4/23/2024	5/9/2024
CORPPAY	001.01.001.51310.543000.	Training & Travel	2024	5	INV	Paid	708.00	81793 4/24 MC	City Credit Card M. Chambless	4/23/2024	5/9/2024
CORPPAY	001.01.001.51310.543000.	Training & Travel	2024	5	INV	Paid	514.16	81793 4/24 KR	City Credit Card K. Ross	4/23/2024	5/9/2024
CORPPAY	001.01.001.51310.543000.	Training & Travel	2024	5	INV	Paid	40.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.06.007.51423.543000.	Training & Travel	2024	5	INV	Paid	40.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.09.014.52210.531000.	Office Supplies	2024	5	INV	Paid	96.00	81793 4/24 MB	City Credit Card M. Bailey	4/23/2024	5/9/2024
CORPPAY	001.09.014.52210.549100.	City-Sponsored Expenses	2024	5	INV	Paid	1,183.27	81793 4/24 MB	City Credit Card M. Bailey	4/23/2024	5/9/2024
CORPPAY	001.09.014.52220.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	268.13	81793 4/24 MB	City Credit Card M. Bailey	4/23/2024	5/9/2024
CORPPAY	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	700.07	81793 4/24 JR	City Credit Card J. Rellamas	4/23/2024	5/9/2024
CORPPAY	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	310.00	81793 4/24 MB	City Credit Card M. Bailey	4/23/2024	5/9/2024
CORPPAY	001.06.075.51810.543000.	Training & Travel	2024	5	INV	Paid	40.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.12.019.57680.543000.	Training & Travel	2024	5	INV	Paid	395.00	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CORPPAY	001.12.019.57680.543000.	Training & Travel	2024	5	INV	Paid	24.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.12.028.57680.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	675.06	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CORPPAY	001.14.031.55860.542300.	Postage & Freight	2024	5	INV	Paid	188.70	81793 4/24 CD	City Credit Card Comm. Devlp.	4/23/2024	5/9/2024
CORPPAY	001.14.031.55860.543000.	Training & Travel	2024	5	INV	Paid	25.66	81793 4/24 EA	City Credit Card E. Arsethe	4/23/2024	5/9/2024
CORPPAY	001.14.031.55860.543000.	Training & Travel	2024	5	INV	Paid	40.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.14.031.55860.549100.	City-Sponsored Expenses	2024	5	INV	Paid	16.64	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.08.009.52110.542300.	Postage & Freight	2024	5	INV	Paid	1.63	81793 4/24 MBlack	City Credit Card M. Black	4/23/2024	5/9/2024
CORPPAY	001.08.009.52110.549100.	City-Sponsored Expenses	2024	5	INV	Paid	57.45	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52110.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	229.51	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52121.531000.	Office Supplies	2024	5	INV	Paid	54.27	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531000.	Office Supplies	2024	5	INV	Paid	176.12	81793 4/24 BL	City Credit Card B. Lynch	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531000.	Office Supplies	2024	5	INV	Paid	383.95	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	190.75	81793 4/24 BL	City Credit Card B. Lynch	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	49.05	81793 4/24 MBlack	City Credit Card M. Black	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531820.	Info Tech Components	2024	5	INV	Paid	80.64	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531910.	Operating Supplies	2024	5	INV	Paid	124.46	81793 4/24 BL	City Credit Card B. Lynch	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.531910.	Operating Supplies	2024	5	INV	Paid	30.20	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52122.541000.	Professional Svcs - General	2024	5	INV	Paid	220.85	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	-314.82	81793 4/24 MBlack	City Credit Card M. Black	4/23/2024	5/9/2024
CORPPAY	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	80.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	001.08.009.52150.535210.	Office Furnishings	2024	5	INV	Paid	7.61	81793 4/24 ML	City Credit Card M. Liebetrau	4/23/2024	5/9/2024
CORPPAY	001.16.019.54290.543000.	Training & Travel	2024	5	INV	Paid	24.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	014.08.012.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	190.75	81793 4/24 BL	City Credit Card B. Lynch	4/23/2024	5/9/2024
CORPPAY	014.08.012.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	49.05	81793 4/24 MBlack	City Credit Card M. Black	4/23/2024	5/9/2024
CORPPAY	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	754.80	81793 4/24 BL	City Credit Card B. Lynch	4/23/2024	5/9/2024
CORPPAY	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	836.88	81793 4/24 MBlack	City Credit Card M. Black	4/23/2024	5/9/2024
CORPPAY	001.18.019.53410.523300.	Reimb - Dues, Licenses & Cert	2024	5	INV	Paid	106.00	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CORPPAY	001.18.019.53410.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	137.50	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CORPPAY	001.18.037.53481.543000.	Training & Travel	2024	5	INV	Paid	24.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	002.20.019.53510.543000.	Training & Travel	2024	5	INV	Paid	24.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	003.22.019.53110.543000.	Training & Travel	2024	5	INV	Paid	24.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	003.22.030.53190.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	137.50	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CORPPAY	502.11.023.59418.543000.	Training & Travel	2024	5	INV	Paid	40.00	81793 4/24 NW	City Credit Card N. Wiebe	4/23/2024	5/9/2024
CORPPAY	510.24.053.51820.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	31.34	81793 4/24 IQ	City Credit Card J. Quade	4/23/2024	5/9/2024
CP	001.05.005.51420.541000.	Professional Svcs - General	2024	5	INV	Paid	1,751.63	81794 GC0013809	Snoqualmie Municipal Code Updates	4/25/2024	5/9/2024
CRESSY	001.09.014.52250.548000.	Repair & Maintenance Services	2024	5	INV	Paid	492.77	81795 194752	Roll up door repair	3/21/2024	5/9/2024
CRIMINAL	014.08.012.52140.543000.	Training & Travel	2024	4	INV	Paid	95.00	81796 201139511	M. Sanchez- Field Training Office Academy	4/11/2024	5/9/2024
CRYSR	001.08.009.52150.545000.	Operating Rentals & Leases	2024	4	INV	Paid	234.94	81797 5310053 042124	water cooler rental, drinking water, deliv fee	4/11/2024	5/9/2024
CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	32.65	81798 8371237	Hshld Paraffin Wax	2/26/2024	5/9/2024
CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	18.06	81798 8372061	4 " Door Stop	3/13/2024	5/9/2024
CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	CRM	Paid	-10.33	81798 8371719	Fill Plate 3Pk return from Inv. # 8371657	3/7/2024	5/9/2024
CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	10.33	81798 8371657	Fill Plate 3Pk	3/6/2024	5/9/2024

CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	4.14	81798 8371386	HEX wash	3/1/2024	5/9/2024
CTV	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	22.88	81798 8374541	Trash bags	4/17/2024	5/9/2024
CWS	001.09.014.52220.531910.	Operating Supplies	2024	4	INV	Paid	108.83	81799 0002029113	Sm/Med High Pressure Haz Mat	3/31/2024	5/9/2024
Deana Dean	001.05.005.51420.531000.	Office Supplies	2024	4	INV	Paid	60.13	81800 D. Dean 4/24 - 3	Logitech Ergonomic Mouse for G. Garrett	4/16/2024	5/9/2024
DOE2	402.20.019.53510.541561.	Water Quality Program Fees	2024	5	INV	Paid	880.00	81801 LAU-WA-R745-24	Lab accreditation	4/25/2024	5/9/2024
DORS	001.13.000.51810.522351.	OASI Admin Fees	2024	4	INV	Paid	50.99	81802 1610065	Old Age and Survivors Insurance (OASI)	3/29/2024	5/9/2024
DRIFTMIE	310.13.701.59418.541060.	Facilities Maint - Design	2024	5	INV	Paid	4,200.00	81803 0008624	Archctct Design of City Hall security upgrades 4/24	4/30/2024	5/9/2024
ENTENMAN	001.08.009.52122.531050.	Uniforms & Protective Gear	2024	4	INV	Paid	152.25	81804 0180662-IN	C. Smith, Sgt badges, leather case	4/17/2024	5/9/2024
ENTENMAN	014.08.012.52122.531050.	Uniforms & Protective Gear	2024	4	INV	Paid	152.25	81804 0180662-IN	C. Smith, Sgt badges, leather case	4/17/2024	5/9/2024
Evergreen Courier LL	402.20.040.53585.542300.	Postage & Freight	2024	4	INV	Paid	1,558.14	81805 000066	Lab postage & freight-ship samples to lab	4/8/2024	5/9/2024
Evergreen Ford	501.23.051.54868.531301.	Repair Parts	2024	4	INV	Paid	47.93	81806 5203986	Door/window switch assembly police SUV	4/18/2024	5/9/2024
EVOQUA	402.20.045.53560.531500.	Uniforms & Protective Gear	2024	4	INV	Paid	6,045.58	81807 906387370	Anti corrosion & Odor control	3/27/2024	5/9/2024
FCSGROUP	001.14.031.55860.541000.	Professional Svcs - General	2024	5	INV	Paid	5,145.00	81808 3743-22403144	Capital Facilities Funding Plan	3/22/2024	5/9/2024
FIRETREN	001.09.014.52220.541000.	Professional Svcs - General	2024	4	INV	Paid	1,200.00	81809 487	Monthly Hosting Fee for Fire staffing system	3/29/2024	5/9/2024
First Responder	001.08.009.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	219.71	81810 4255-3	C. Smith jumpsuit w/patches and alterations	4/25/2024	5/9/2024
First Responder	014.08.012.52122.531050.	Uniforms & Protective Gear	2024	4	INV	Paid	466.64	81810 4155-3	C. Hendricks- jumpsuit w/ patches and alterations	4/23/2024	5/9/2024
First Responder	014.08.012.52122.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	219.70	81810 4255-3	C. Smith jumpsuit w/patches and alterations	4/25/2024	5/9/2024
GALLSLC	001.09.014.52220.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	57.57	81811 027497936	Blank Rectangle Embroidery	3/28/2024	5/9/2024
GIRARD	402.22.030.53190.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	43.50	81812 9129233	Tipping fee-sod	4/16/2024	5/9/2024
GRCC WW	402.20.040.53580.543000.	Training & Travel	2024	4	INV	Paid	430.00	81813 229827	Training- laron Gentry- WW treatment basics	4/22/2024	5/9/2024
GRCC WW	402.20.040.53580.543000.	Training & Travel	2024	4	INV	Paid	430.00	81813 229828	Jake Stewart training-WW treatment basics	4/22/2024	5/9/2024
GRCC WW	402.20.040.53580.543000.	Training & Travel	2024	4	INV	Paid	430.00	81813 229826	Training- Alec Bagely- WW treatment basics	4/22/2024	5/9/2024
GSI	402.22.050.53130.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	422.74	81814 750326	Stormpond Fence Repair Panels	12/5/2023	5/9/2024
GSI	402.22.050.53130.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	1,585.27	81814 750503	Stormpond Fence Repair Panels	12/12/2023	5/9/2024
Highwire	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	2,687.06	81815 3405	Tree Grate Replacement	1/7/2024	5/9/2024
HSI	001.09.014.52210.549100.	City-Sponsored Expenses	2024	4	INV	Paid	224.10	81816 2008030	HSI CPR AED	4/1/2024	5/9/2024
HSI	001.09.014.52210.549100.	City-Sponsored Expenses	2024	4	INV	Paid	35.00	81816 2012710	New Instructor Fee	4/9/2024	5/9/2024
HSI	001.09.014.52210.549100.	City-Sponsored Expenses	2024	4	INV	Paid	30.00	81816 2012726	Instructor Reauthorization	4/9/2024	5/9/2024
IHK	001.09.014.52250.548000.	Repair & Maintenance Services	2024	5	INV	Paid	64.19	81817 1419731	Full Service C Unit	3/5/2024	5/9/2024
IHK	001.09.014.52250.548000.	Repair & Maintenance Services	2024	5	INV	Paid	214.70	81817 1422411	Fuel Tank Drain	3/5/2024	5/9/2024
IHK	001.09.014.52250.548000.	Repair & Maintenance Services	2024	5	INV	Paid	64.19	81817 1419721	Full Service F Unit	3/5/2024	5/9/2024
James Kaee	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	227.94	81818 RE J. Kaee 10/23	Reimb. James Kaee mileage for training 10/10/2023	4/22/2024	5/9/2024
James Kaee	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	484.60	81818 RE J. Kaee 11/23	Reimb. J. Kaee mi/ml for trng 10/29-11/3 2023	4/22/2024	5/9/2024
James Kaee	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	15.00	81818 RE J. Kaee 12/23	Reimb. J. Kaee per diem ml for training 12/15/2023	4/22/2024	5/9/2024
James Kaee	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	125.00	81818 RE J. Kaee 5/24	Reimb J. Kaee per diem meals for trng 5/4-7 2024	4/22/2024	5/9/2024
James Kaee	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	225.00	81818 RE J. Kaee 6/24	Reimb. J. Kaee per diem for trng 6/9-13 2024	4/22/2024	5/9/2024
Jason Weiss	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	70.00	81819 RE J. Weiss 5/24	Reimb. J. Weiss per diem meals 5/8-5/10 2024	4/22/2024	5/9/2024
Jason Weiss	014.08.012.52122.541280.	Police Human Services	2024	5	INV	Paid	160.63	81819 RE J Weiss	Reimb. J. Weiss 2/24	4/22/2024	5/9/2024
JENKINS	402.20.045.53565.548000.	Repair & Maintenance Services	2024	4	INV	Paid	2,540.09	81820 23964	pump stations- clean wetwells	3/29/2024	5/9/2024
JENKINS	403.22.050.53135.548000.	Repair & Maintenance Services	2024	5	INV	Paid	21,924.97	81820 24043	Post -fire stormwater cleanup, Falls Ave.	4/18/2024	5/9/2024
Joseph Meadows	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	370.14	81821 RE J. Meadows 2/24	Reimb. J.Meadows mil/mls for trng 2/4-9 2024	4/22/2024	5/9/2024
K&L Gates	001.04.004.51541.541100.	Outside Legal Services - Gen	2024	5	INV	Paid	29,672.25	81822 10-0012920	Legal advice Snoqualmie Tribe Agreements	4/29/2024	5/9/2024
KATM	403.22.030.53190.541000.	Professional Svcs - General	2024	5	INV	Paid	2,053.75	81823 373	Design Work for Green Snoqualmie Partnership logo	5/1/2024	5/9/2024
KC 710	402.20.045.53560.548000.	Repair & Maintenance Services	2024	4	INV	Paid	704.00	81824 35007202	Collection Mains- Road permit	4/12/2024	5/9/2024
KCFIRE45	001.09.014.52220.541190.	Temporary Agency Personnel	2024	4	INV	Paid	4,051.68	81825 393	Shared Staffing- Todd Light	4/1/2024	5/9/2024
KCFIRE45	001.09.014.52220.541190.	Temporary Agency Personnel	2024	4	INV	Paid	1,997.28	81825 394	Shared Staffing- Cpt. Aaron Merritt	4/1/2024	5/9/2024
KENSTOW	014.08.012.52122.541000.	Professional Svcs - General	2024	4	INV	Paid	560.32	81826 24-6161	1996 Nissan Truck impound to Sno PD ref 24N-1404	4/22/2024	5/9/2024
Kissler	402.20.040.53555.548000.	Repair & Maintenance Services	2024	4	INV	Paid	4,442.86	81827 11164	biosolids hauling	3/28/2024	5/9/2024
Kissler	402.20.040.53555.548000.	Repair & Maintenance Services	2024	4	INV	Paid	2,228.38	81827 11171	biosolids hauling	4/2/2024	5/9/2024
LAI	001.09.014.52220.531912.	EMS Supplies & Equipment	2024	4	INV	Paid	641.48	81828 1422110	conterra airway-pro pack, green	4/2/2024	5/9/2024
LAI	001.09.014.52220.531912.	EMS Supplies & Equipment	2024	4	INV	Paid	602.61	81828 1425190	EMS supplies-pad set, gloves, sharps safe	4/10/2024	5/9/2024
Land Development	001.14.031.55860.541000.	Professional Svcs - General	2024	5	INV	Paid	2,804.50	81829 34278	Snoqualmie Middle Housing	4/16/2024	5/9/2024
LNCS	001.09.014.52220.531050.	Uniforms & Protective Gear	2024	5	INV	Paid	673.98	81830 INV811977	firefighting boots	4/10/2024	5/9/2024
LNCS	001.09.014.52250.535900.	Small Tools & Equipment	2024	5	INV	Paid	470.00	81830 INV806189	Rechargeable battery, Female adapter	3/26/2024	5/9/2024
LNCS	001.09.014.52250.535900.	Small Tools & Equipment	2024	5	INV	Paid	33.51	81830 INV811785	Locking Device	4/10/2024	5/9/2024
LNCS	001.09.014.52250.535900.	Small Tools & Equipment	2024	5	INV	Paid	265.96	81830 INV813158	Red Dura-Flow Hose	4/15/2024	5/9/2024
LST	501.23.051.54868.531400.	Tires	2024	5	INV	Paid	59.98	81831 36300691802	flat repair tractor mower front tire tube	4/25/2024	5/9/2024
MA	310.13.702.59418.541060.	Community Ctr. - Design	2024	4	INV	Paid	10,000.00	81832 174057	For Community Center Traffic Impact Analysis	4/9/2024	5/9/2024
Marcus Sanchez	014.08.012.52140.543000.	Training & Travel	2024	4	INV	Paid	319.14	81833 RE M. Sanchez	M. Sanchez reimb. meals, fuel for Basic FTO trng	4/5/2024	5/9/2024
Marcus Sanchez	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	45.00	81833 RE M. Sanchez 2/24	Reimb. M. Sanchez per diem for trng 2/6-8 2024	4/22/2024	5/9/2024
Marcus Sanchez	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	30.00	81833 RE M. Sanchez 2/24-2	Reimb. M. Sanchez per diem for trng 2/20-21 2024	4/22/2024	5/9/2024
Marcus Sanchez	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	250.00	81833 RE M. Sanchez 4/24	Reimb. M. Sanchez per diem for trng 4/14-19 2024	4/22/2024	5/9/2024

Marcus Sanchez	014.08.012.52140.543000.	Training & Travel	2024	5	INV	Paid	135.00	81833 RE M. Sanchez 5/24	Reimb. M. Sanchez per diem for trng 5/7-5/10 2024	4/22/2024	5/9/2024
Marine Lumber	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	61.22	81834 16472	Wood Treatment	4/4/2024	5/9/2024
MATZKEN	001.08.009.52110.541000.	Professional Svcs - General	2024	4	INV	Paid	500.00	81835 41124	polygraph examination-M. McCormick & J.Stoltenberg	4/11/2024	5/9/2024
Mezzaluna Kitchen	001.01.001.51310.549100.	City-Sponsored Expenses	2024	5	INV	Paid	431.25	81836 4/24/24	Volunteer Event 4/24- Refreshments	4/24/2024	5/9/2024
MP	001.14.031.55860.549300.	Printing	2024	5	INV	Paid	1,919.18	81837 92734	SRI MUFPP Mailing	4/26/2024	5/9/2024
MP	001.14.031.55860.549300.	Printing	2024	5	INV	Paid	616.19	81837 92735	SRI MUFPP Mailing	4/26/2024	5/9/2024
MP	401.18.037.53481.531000.	Office Supplies	2024	5	INV	Paid	348.27	81837 92737	envelopes for April 2024 backflow letters	4/26/2024	5/9/2024
MP	401.18.037.53481.531000.	Office Supplies	2024	5	INV	Paid	238.86	81837 92446	March 2024 utility Billing Envelopes	3/18/2024	5/9/2024
MP	401.18.037.53481.531000.	Postage & Freight	2024	5	INV	Paid	457.13	81837 92736	postage on April 2024 backflow letters	4/26/2024	5/9/2024
MP	401.18.037.53481.549300.	Printing	2024	5	INV	Paid	407.87	81837 92610	March 2024 utility Billing Printing/Folding	4/8/2024	5/9/2024
MP	402.20.040.53580.531000.	Office Supplies	2024	5	INV	Paid	238.86	81837 92446	March 2024 utility Billing Envelopes	3/18/2024	5/9/2024
MP	402.20.040.53580.549300.	Printing	2024	5	INV	Paid	407.87	81837 92610	March 2024 utility Billing Printing/Folding	4/8/2024	5/9/2024
MP	403.22.050.53130.531000.	Office Supplies	2024	5	INV	Paid	238.86	81837 92446	March 2024 utility Billing Envelopes	3/18/2024	5/9/2024
MP	403.22.050.53130.549300.	Printing	2024	5	INV	Paid	407.86	81837 92610	March 2024 utility Billing Printing/Folding	4/8/2024	5/9/2024
NAVIA AP	001.15.034.55850.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	10.35	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.05.005.51420.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	4.14	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.07.008.55720.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	8.28	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.28.056.57120.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	2.90	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.01.001.51310.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	8.28	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.06.007.51423.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	35.60	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.09.014.52220.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.41	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.06.075.51810.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	9.94	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.13.000.51810.541000.	Professional Svcs - General	2024	5	INV	Paid	100.00	81838 10852813	FSA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.12.019.57680.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.83	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.12.028.57680.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	26.92	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.14.031.55860.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	7.45	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.08.009.52110.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	15.57	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.08.009.52121.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	4.14	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.08.009.52122.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	47.20	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.08.009.52131.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	8.28	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.16.035.54230.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	2.07	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	001.16.019.54290.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.83	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	014.08.012.52110.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.99	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	014.08.012.52122.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	39.33	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	310.13.200.59418.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	2.19	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	310.13.200.59476.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	3.06	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	310.13.200.59590.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	3.02	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	401.18.019.53410.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.83	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	401.18.037.53481.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	14.49	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	401.19.019.53915.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.41	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	401.19.039.53935.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	10.35	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	402.20.019.53510.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.83	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	402.20.040.53580.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	24.84	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	403.22.019.53110.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.83	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	403.22.050.53130.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	12.42	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	403.22.030.53190.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	8.28	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	417.13.200.59431.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	2.28	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	417.13.200.59434.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	4.55	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	417.13.200.59435.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	4.55	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	501.23.019.54861.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.41	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	501.23.051.54868.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	6.21	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	502.11.020.51888.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	20.70	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	510.24.019.51820.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	0.21	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NAVIA AP	510.24.053.51820.522300.	HRA Medical Reimbursements	2024	5	INV	Paid	6.21	81838 10852814	HRA Admin Fees- April	4/29/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	153.45	81839 027563	April 24 ER&R veh/equip parts 6400 account	4/25/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	232.01	81839 027556	April 24 ER&R veh/equip parts 6400 account	4/25/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	85.80	81839 027500	April 24 ER&R veh/equip parts 6400 account	4/24/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	75.44	81839 027443	April 24 ER&R veh/equip parts 6400 account	4/24/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	65.44	81839 027322	April 24 ER&R veh/equip parts 6400 account	4/23/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	116.39	81839 027178	April 24 ER&R veh/equip parts 6400 account	4/22/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	1,146.22	81839 026844	April 24 ER&R veh/equip parts 6400 account	4/19/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	560.28	81839 026816	April 24 ER&R veh/equip parts 6400 account	4/19/2024	5/9/2024

NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	136.03	81839 026735	April 24 ER&R veh/equip parts 6400 account	4/18/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	164.38	81839 026728	April 24 ER&R veh/equip parts 6400 account	4/18/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	45.48	81839 026675	April 24 ER&R veh/equip parts 6400 account	4/17/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	96.40	81839 026621	April 24 ER&R veh/equip parts 6400 account	4/17/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	31.05	81839 026376	April 24 ER&R veh/equip parts 6400 account	4/15/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	475.24	81839 025951	April 24 ER&R veh/equip parts 6400 account	4/11/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	61.61	81839 025649	April 24 ER&R veh/equip parts 6400 account	4/9/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	133.79	81839 025648	April 24 ER&R veh/equip parts 6400 account	4/9/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	323.40	81839 025253	April 24 ER&R veh/equip parts 6400 account	4/5/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	359.99	81839 025019	April 24 ER&R veh/equip parts 6400 account	4/3/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	415.20	81839 024765	April 24 ER&R veh/equip parts 6400 account	4/1/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	78.43	81839 024340	April 24 ER&R veh/equip parts 6400 account	3/28/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	93.30	81839 024246	April 24 ER&R veh/equip parts 6400 account	3/27/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	48.98	81839 024245	April 24 ER&R veh/equip parts 6400 account	3/27/2024	5/9/2024
NB AUTOF	501.23.051.54868.531301.	Repair Parts	2024	5	INV	Paid	85.72	81839 024179	April 24 ER&R veh/equip parts 6400 account	3/26/2024	5/9/2024
NB AUTOG	001.09.014.52220.531910.	Operating Supplies	2024	4	INV	Paid	8.05	81840 026610	Deicer Wash	4/17/2024	5/9/2024
NB AUTOG	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	60.81	81840 027144	B. coral Fuel, Def Fluid	4/21/2024	5/9/2024
NB AUTOG	402.20.040.53580.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	170.76	81840 020758	WRF-lights for forklift	2/23/2024	5/9/2024
NHC	001.14.031.55860.541040.	Engineering Services	2024	5	INV	Paid	292.50	81841 31119	MWRW, Comm Ctr expasion, Sandy Cove	4/15/2024	5/9/2024
NHC	001.14.032.55860.541040.	Engineering Services	2024	5	INV	Paid	1,581.25	81841 31119	MWRW, Comm Ctr expasion, Sandy Cove	4/15/2024	5/9/2024
NHC	310.13.702.59418.541000.	Community Ctr - Prof'l Svcs	2024	5	INV	Paid	2,282.50	81841 31119	MWRW, Comm Ctr expasion, Sandy Cove	4/15/2024	5/9/2024
NHC	403.22.050.53145.541050.	Engineering Services	2024	4	INV	Paid	246.25	81841 31151	For NPDES Annual Report Submittal Questions	4/17/2024	5/9/2024
Nicole Wiebe	001.28.056.57120.543000.	Training & Travel	2024	5	INV	Paid	50.16	81842 RE N. Wiebe 4/24-2	Reimb. Nicole Wiebe parking, mileage	4/26/2024	5/9/2024
Occ Health Cntr WA	001.09.014.52220.541000.	Professional Svcs - General	2024	5	INV	Paid	1,296.00	81843 82754050	Cody Hoef's Phys	4/5/2024	5/9/2024
Ofc Depot 32559	402.20.040.53550.535900.	Small Tools & Equipment	2024	5	INV	Paid	3,415.93	81844 361717614001	SCADA HWIs for Mobile 911 and control	4/10/2024	5/9/2024
Ofc Depot 32559	402.20.040.53580.531000.	Office Supplies	2024	5	INV	Paid	203.94	81844 361686095001	portable drive scans of O&M EAM	4/8/2024	5/9/2024
OFFICES	001.14.031.55860.541100.	Outside Legal Services - Gen	2024	5	INV	Paid	1,100.00	81845 1311	Pre-hearing conference	4/16/2024	5/9/2024
OTAK	001.14.031.55860.541080.	Environmental Services	2024	5	INV	Paid	1,582.75	81846 000032400485	Comp Plan Update	3/28/2024	5/9/2024
Pamela Mandery	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	15.00	81847 RE P. Mandery 7/23	Reimb. P. Mandery per diem for training 7/25/2023	4/22/2024	5/9/2024
Pamela Mandery	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	240.00	81847 RE P. Mandery 6/24	Reimb. P. Mandery per diem for trng 6/16-21 2024	4/22/2024	5/9/2024
Pamela Mandery	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	145.00	81847 RE P. Mandery 10/24	Reimb. P. Mandery per diem for trng 10/1-4 2024	4/22/2024	5/9/2024
PARAMET	310.17.507.59530.541040.	Snoq Parkway - Const Mgmt	2024	5	INV	Paid	1,780.21	81848 55099	Snoq. Pkwy Construct Mgt svc through 4/6/2024	4/24/2024	5/9/2024
PARAMET	310.13.702.59418.541000.	Community Ctr - Prof'l Svcs	2024	4	INV	Paid	3,327.00	81848 54103	Comm Ctr Design/Build Support Svcs through 2/3/24	3/19/2024	5/9/2024
PB 179	001.13.000.51890.542300.	Postage & Freight	2024	5	INV	Paid	36.01	81849 3319005473	PB Postage Machine Lease 2/28/2024 to 5/27/2024	4/8/2024	5/9/2024
PB 179	001.13.000.59118.577001.	P-B Postage Machine Lease	2024	5	INV	Paid	535.92	81849 3319005473	PB Postage Machine Lease 2/28/2024 to 5/27/2024	4/8/2024	5/9/2024
PBBIPP	001.13.000.51890.542300.	Postage & Freight	2024	5	INV	Paid	274.16	81850 PP 4-24	purchase Power credit Line	4/15/2024	5/9/2024
Perteet Eng	001.14.031.55860.541040.	Engineering Services	2024	5	INV	Paid	5,266.25	81851 20220203.0000-11	Snoqualmie Comprehensive Plan	4/10/2024	5/9/2024
Perteet Eng	001.14.032.55860.541040.	Engineering Services	2024	5	INV	Paid	2,264.31	81851 00022222.000-224	Parcel S22	4/10/2024	5/9/2024
Perteet Eng	001.14.032.55860.541040.	Engineering Services	2024	5	INV	Paid	5,422.14	81851 00023042.000-239	Timber Trails, NWRWM	4/10/2024	5/9/2024
PETEK	001.09.014.52220.541000.	Professional Svcs - General	2024	4	INV	Paid	385.00	81852 2381	Pre-Employment Psych Eval	4/10/2024	5/9/2024
PFM FIN	001.06.007.51423.541090.	Financial Services	2024	4	INV	Paid	3,000.00	81853 130269	Quarterly Retainer for January-March 2024	4/1/2024	5/9/2024
PROFORCE	001.08.009.52150.535400.	Police Firearms & Weapons	2024	4	INV	Paid	932.92	81854 547201	SureFire M640DFT Turbo Scout weapon light	4/17/2024	5/9/2024
PROFORCE	001.08.009.52150.535400.	Police Firearms & Weapons	2024	4	INV	Paid	92.82	81854 547202	tall sight sets E. Rasmussen, W. Natkha	4/17/2024	5/9/2024
PROFORCE	014.08.012.52150.535400.	Police Firearms & Weapons	2024	4	INV	Paid	92.82	81854 547202	tall sight sets E. Rasmussen, W. Natkha	4/17/2024	5/9/2024
PSE	001.09.014.52250.547100.	Electricity	2024	4	INV	Paid	2,521.91	81855 257959 3/24	Electricity	4/3/2024	5/9/2024
PSRFA	001.09.014.52245.543000.	Training & Travel	2024	5	INV	Paid	1,200.00	81856 8439	Z. Schumann & N. Lathrop Training class	4/26/2024	5/9/2024
PSRFA	501.23.051.54868.548000.	Repair & Maintenance Services	2024	4	INV	Paid	265.14	81856 7866	#604 2013 Aid Car lighting repair PSRFA	4/2/2024	5/9/2024
PSTEST	001.08.009.52110.549200.	Dues-Subscriptions-Memberships	2024	4	INV	Paid	224.00	81857 2024-371	Subscription fee-Jan-Mar 24 - PD Officer test	4/8/2024	5/9/2024
PWC	403.22.050.53130.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	757.36	81858 0259364	valve box locator	4/17/2024	5/9/2024
Randy Richmond	001.10.017.52560.531911.	SECAST Van M&O Supplies	2024	5	INV	Paid	37.04	81859 RE R. Richmond	Reimb. R. Richmond -Seacast part for PSERN Radio	4/30/2024	5/9/2024
RH2	001.18.019.53410.541000.	Professional Svcs - General	2024	4	INV	Paid	2,500.23	81860 95082	Reclaimed Water Design/Water syst plan update	3/12/2024	5/9/2024
RH2	402.20.019.53510.541000.	Professional Svcs - General	2024	4	INV	Paid	2,500.23	81860 95082	Reclaimed Water Design/Water syst plan update	3/12/2024	5/9/2024
RH2	417.13.455.59435.541060.	Eagle Lake Reclam Design	2024	4	INV	Paid	14,478.71	81860 95082	Reclaimed Water Design/Water syst plan update	3/12/2024	5/9/2024
RH2	417.13.454.59435.541040.	WRF Improve Const Mgmt	2024	4	INV	Paid	48,127.74	81860 95103	Const. Mgmt incl RFI, invoice, submittal, inspect	3/13/2024	5/9/2024
ROBERTH	001.06.007.51423.541190.	Temporary Agency Personnel	2024	4	INV	Paid	2,146.13	81861 63479233	Contractor Dewar-General Finance	4/17/2024	5/9/2024
ROBERTH	001.06.007.51423.541190.	Temporary Agency Personnel	2024	4	INV	Paid	2,163.49	81861 63498062	Contractor Dewar-General Finance	4/23/2024	5/9/2024
ROBERTH	001.06.007.51423.541190.	Temporary Agency Personnel	2024	5	INV	Paid	3,906.00	81861 63284815	Contractor Reichert- Fen Finance wk end 3-1-24	3/4/2024	5/9/2024
ROBERTH	001.06.007.51423.541190.	Temporary Agency Personnel	2024	5	INV	Paid	2,170.00	81861 63537293	Contractor Dewar-Gen. FIN week endg 4-26-24	5/1/2024	5/9/2024
Samantha Brumfield	001.06.075.51810.549100.	City-Sponsored Expenses	2024	4	INV	Paid	46.65	81862 RE S. Brumfld 4/24-2	Food for Well Commt Natl Engl Muff Day Event 4/23	4/22/2024	5/9/2024
SCORE	001.08.009.52360.541504.	Jail Services - SCORE	2024	4	INV	Paid	204.97	81863 7779	SCORE Snoqualmie inmates March	4/26/2024	5/9/2024
SEATIMES	001.05.005.51420.541330.	Ordinance Publication	2024	5	INV	Paid	121.50	81864 77347	Ordinance 1287	4/26/2024	5/9/2024
SEATIMES	001.14.031.55860.541390.	Advertising, Legal Notices etc	2024	5	INV	Paid	57.50	81864 76060	Seattle Times Publication	4/3/2024	5/9/2024

SEATIMES	001.14.031.55860.541390.	Advertising, Legal Notices etc	2024	5	INV	Paid	108.00	81864 76926	Seattle Times Publication	4/19/2024	5/9/2024
SEATIMES	001.14.031.55860.541390.	Advertising, Legal Notices etc	2024	5	INV	Paid	108.00	81864 76928	Seattle Times Publication	4/19/2024	5/9/2024
SFFA	001.09.014.52210.549100.	City-Sponsored Expenses	2024	5	INV	Paid	1,143.35	81865 0001	SFFA Annual Awards	4/17/2024	5/9/2024
SHI INT	001.08.009.52110.549200.	Dues-Subscriptions-Memberships	2024	5	INV	Paid	318.29	81866 818182402	PD- Gary Horejsi Adobe Pro License	4/10/2024	5/9/2024
Stephanie Butler	001.08.009.52140.543000.	Training & Travel	2024	5	INV	Paid	206.79	81867 RE S. Butler 10/23	Reimb. S. Butler per diem, milg. -trng 10/2-4 2023	10/5/2023	5/9/2024
SUMMLG	001.06.075.51810.541120.	Legal Consulting Svcs - HR	2024	4	INV	Paid	2,296.00	81868 152100	Legal Svcs re: Snoqualmie Police Assoc.	2/21/2024	5/9/2024
SUMMLG	001.06.075.51810.541120.	Legal Consulting Svcs - HR	2024	4	INV	Paid	2,009.00	81868 153697	Legal Services re: Teamsters Local 763	4/17/2024	5/9/2024
SUMMLG	001.06.075.51810.541120.	Legal Consulting Svcs - HR	2024	5	INV	Paid	6,553.22	81868 153696	Legal Services re: Snoqualmie Police Association	4/17/2024	5/9/2024
SW	001.09.014.52220.531910.	Operating Supplies	2024	5	INV	Paid	356.11	81869 INV22930	Elkhart Brass X's 5	4/18/2023	5/9/2024
Tami Wood	001.06.007.51423.531820.	Info Tech Components	2024	5	INV	Paid	19.61	81870 RE T. Wood 4/24	Flash Drive for Utility Billing Meter Reads	5/1/2024	5/9/2024
Tetra Tech	001.10.017.52560.541000.	Professional Svcs - General	2024	5	INV	Paid	4,000.00	81871 52229863	Emergency Management	4/18/2024	5/9/2024
TODDSTOW	501.23.051.54868.548000.	Repair & Maintenance Services	2024	5	INV	Paid	220.93	81872 46909	#234 tow from pw to ford for driveline issue	4/24/2024	5/9/2024
UFS/BART	403.22.030.53190.541000.	Professional Svcs - General	2024	5	INV	Paid	225.00	81873 2024-1355	Notes for forest stand improvement	4/26/2024	5/9/2024
ULINE	001.08.009.52122.531910.	Operating Supplies	2024	4	INV	Paid	223.49	81874 176373376	15x15x15 boxes, nitrile gloves	4/2/2024	5/9/2024
ULINE	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	848.50	81874 176971306	Miscellaneous urban forest supplies	4/16/2024	5/9/2024
UNITEDSI	403.22.050.53130.548000.	Repair & Maintenance Services	2024	4	INV	Paid	185.00	81875 INV-4387701	Portable Toilet Svc. for DOC Operations	3/31/2024	5/9/2024
URBANF	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	8,651.58	81876 10181	Arbor Day tree order	4/15/2024	5/9/2024
UW VMC	001.08.009.52110.541000.	Professional Svcs - General	2024	4	INV	Paid	543.75	81877 800080064-2	G. Horejsi-pre employment physical exam	3/28/2024	5/9/2024
VERIZCS	402.20.040.53580.542000.	Telephone Service	2024	4	INV	Paid	1,115.69	81878 9959895130	Teleph Svc- M2M SCADA Coms	3/23/2024	5/9/2024
WLACE	001.09.014.52220.531910.	Operating Supplies	2024	4	INV	Paid	47.94	81879 15311558	Knuckle guard, dry lube spray	3/19/2024	5/9/2024
WLACE	401.18.037.53481.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	17.45	81879 15311773	weedwacker trimmer line	4/10/2024	5/9/2024
WLACE	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	163.49	81879 15311704	Concrete for sign installation	4/3/2024	5/9/2024
WLACE	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	4	INV	Paid	141.69	81879 15311715	Concrete for sign installation	4/4/2024	5/9/2024
WLACE	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	1,098.63	81879 15311772	Concrete for sign installation	4/10/2024	5/9/2024
WST	633.13.000.58930.589303.	State Bldg Code Fees Remittanc	2024	4	INV	Paid	1,174.00	81880 BLDCD2023	Remit Bldg Code Fees for 2023	12/31/2023	5/9/2024
Zynnovation	403.22.030.53190.531300.	Repair & Maintenance Supplies	2024	5	INV	Paid	6,505.76	81881 2663	Watering supplies for street trees	4/30/2024	5/9/2024

P5-7-24



Payroll
Blanket Voucher Document

Claims presented to the City to be paid on *05/07/2024* in the amount of *\$365,399.32* which includes claim warrants numbered ____-____ through ____-____, totaling *\$0.00* and direct deposits totaling *\$365,399.32*.

Payroll

ACH Check Register

User: 'ITreptow'
 Printed: 05/06/2024 - 3:21PM
 Batch: 00001.05.2024 - 5-7-24 April C2
 Include Partial: TRUE

Check Date	Check Number	Partial ACH	Employee Name	Amount
05/07/2024	0	False	Bryan Holloway	483.05
05/07/2024	0	False	Catherine Cotton	434.69
05/07/2024	0	False	Louis Washington	334.69
05/07/2024	0	False	Ethan Benson	434.69
05/07/2024	0	False	Jolyon Johnson	434.69
05/07/2024	0	False	Robert Wotton	284.69
05/07/2024	0	False	Cara Christensen	434.69
05/07/2024	0	False	Katherine Ross	1,920.62
05/07/2024	0	False	Deana Dean	3,832.53
05/07/2024	0	False	Tania Holden	3,320.08
05/07/2024	0	False	Jimmie Betts Jr.	3,223.38
05/07/2024	0	False	Brendon Ecker	2,371.06
05/07/2024	0	False	Andrew Latham	2,879.33
05/07/2024	0	False	Andrew Jongekryg	2,340.67
05/07/2024	0	False	Lafleche Lacroix	4,103.05
05/07/2024	0	False	Samantha Brumfield	1,940.59
05/07/2024	0	False	Kimberly Johnson	3,478.48
05/07/2024	0	False	Nicole Wiebe	2,464.06
05/07/2024	0	False	Andrew Bouta	4,418.79
05/07/2024	0	False	Jennifer Hughes	3,337.40
05/07/2024	0	False	Debbie Kinsman	1,966.48
05/07/2024	0	False	Heather Florida	1,247.32
05/07/2024	0	False	Gerald Knutsen	3,636.69
05/07/2024	0	False	Kyla Henderson	2,979.29
05/07/2024	0	False	Janna Walker	4,247.67
05/07/2024	0	False	Tami Wood	3,021.28
05/07/2024	0	False	Gail Folkins	2,320.11
05/07/2024	0	False	Danna McCall	3,489.85
05/07/2024	0	False	Brian Lynch	4,566.41
05/07/2024	0	False	Melinda Black	3,637.39
05/07/2024	0	False	Stephanie Butler	3,097.13
05/07/2024	0	False	Austin Gutwein	4,059.16
05/07/2024	0	False	Joseph Spears	3,861.66
05/07/2024	0	False	Michael Peter	3,576.70
05/07/2024	0	False	Max Bostick	2,414.64
05/07/2024	0	False	Pamela Mandery	4,950.77
05/07/2024	0	False	James Aguirre	4,348.26
05/07/2024	0	False	Michael Liebetrau	2,592.21
05/07/2024	0	False	Kobe Hoyla	2,193.14
05/07/2024	0	False	Craig Miller	7,812.62
05/07/2024	0	False	Daniel Moate	5,428.49
05/07/2024	0	False	Marcus Sanchez	7,068.54
05/07/2024	0	False	Joseph Meadows	3,936.74
05/07/2024	0	False	Cory Hendricks	3,350.50
05/07/2024	0	False	Nicholas Schulgen	4,214.43
05/07/2024	0	False	William Natkha	2,236.93

05/07/2024	0	False	Erik Rasmussen	2,522.46
05/07/2024	0	False	Chase Smith	3,537.73
05/07/2024	0	False	James Kaae	3,877.90
05/07/2024	0	False	Jason Weiss	6,890.90
05/07/2024	0	False	Nigel Draveling	2,946.92
05/07/2024	0	False	Dmitriy Vladis	5,055.86
05/07/2024	0	False	Christopher Werre	3,837.88
05/07/2024	0	False	Gary Horejsi	3,807.65
05/07/2024	0	False	Philip Bennett	4,754.90
05/07/2024	0	False	Justin Ren	2,835.38
05/07/2024	0	False	Kerry O'Neil	2,436.16
05/07/2024	0	False	Dalton Hawk	2,329.12
05/07/2024	0	False	Jason Battles	4,053.61
05/07/2024	0	False	Neil MacVicar	2,921.18
05/07/2024	0	False	Jorge Orozco	3,497.19
05/07/2024	0	False	Austin Hilton	2,522.65
05/07/2024	0	False	Ryan Barnet	3,435.84
05/07/2024	0	False	Michael Chambless	6,041.26
05/07/2024	0	False	Kyle Markwardt	2,428.39
05/07/2024	0	False	Christine Iverson Stinson	2,415.85
05/07/2024	0	False	Lyle Beach	3,720.83
05/07/2024	0	False	Patrick Fry	4,720.82
05/07/2024	0	False	Jeffrey Hamlin	4,921.59
05/07/2024	0	False	Andrew Vining	3,839.90
05/07/2024	0	False	Hind Ahmed	3,956.18
05/07/2024	0	False	Thomas Holmes	6,847.37
05/07/2024	0	False	Alec Bagley	2,448.37
05/07/2024	0	False	Joan Quade	2,292.37
05/07/2024	0	False	Ryan Dalziel	3,069.90
05/07/2024	0	False	Thai Pham	3,199.34
05/07/2024	0	False	Jaron Gentry	2,025.91
05/07/2024	0	False	Jason George	3,509.80
05/07/2024	0	False	Kevin Halbert	2,832.91
05/07/2024	0	False	Timothy Barrett	4,083.82
05/07/2024	0	False	Donald Harris	4,744.00
05/07/2024	0	False	Kevin Snyder	3,736.05
05/07/2024	0	False	Kenneth Knowles	3,786.09
05/07/2024	0	False	Christopher Wilson	2,985.37
05/07/2024	0	False	Todd Shinn	3,571.38
05/07/2024	0	False	Matthew Hedger	4,840.81
05/07/2024	0	False	Richard Allen Hebel	2,139.51
05/07/2024	0	False	John Cooper	3,764.54
05/07/2024	0	False	Emily Arteché	4,728.93
05/07/2024	0	False	Ashley Wragge	2,264.57
05/07/2024	0	False	Ilyse Treptow	3,448.60
05/07/2024	0	False	Rebecca Buelna	2,573.98
05/07/2024	0	False	Dylan Gamble	2,929.09
05/07/2024	0	False	Michael Bailey	5,716.07
05/07/2024	0	False	Jessica Rellamas	1,445.42
05/07/2024	0	False	Tylor Fischer	2,683.10
05/07/2024	0	False	Zachary Schumann	4,225.73
05/07/2024	0	False	Jacob Fouts	4,806.76
05/07/2024	0	False	Darby Summers	3,070.99
05/07/2024	0	False	Theresa Tozier	4,325.77
05/07/2024	0	False	Gregory Heath	3,433.28
05/07/2024	0	False	Albert Wolfe	3,502.94
05/07/2024	0	False	Nicholas Lathrop	4,125.55
05/07/2024	0	False	Matthew West	4,943.27

05/07/2024	0	False	Robert Lasswell	5,854.43
05/07/2024	0	False	Benjamin Parker	4,631.25
05/07/2024	0	False	Peter O'Donnell	4,778.26
				0.00
				365,399.32
		Total Employees:	107	365,399.32

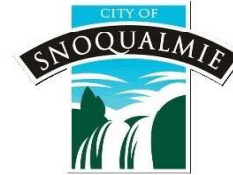
Item 6.

Accounts Payable

Blanket Voucher Approval Document

Item 6.

User: ITreptow
Printed: 05/07/2024 - 11:56AM
Warrant Request Date: 5/7/2024
DAC Fund:



PV5-7-24

Batch: 00001.05.2024 - PV 5/07/2024

City of Snoqualmie

Claims presented to the City to be paid in the amount of \$ 471,009.39,
for claims warrants numbered 62448 through 62455 & dated 5/7/2024.

Line	Claimant	Voucher No.	Amount
1	AFLAC	000000000	78.13
2	AWC BENEFITS	000000000	171,970.60
3	CITY OF SNOQUALMIE	000062448	476.68
4	Dept of Retirement Syst.-PERS	000000000	47,898.93
5	Dept. of Labor & Industries	000000000	16,637.73
6	Dept. of Retirement Syst.- DCP	000000000	22,163.61
7	Dept. of Retirement Syst.- PSERS	000000000	1,253.75
8	Dept. of Retirement Syst.-LEOFF	000000000	30,756.30
9	DiMartino Associates	000062449	378.00
10	Employment Security Dept.	000000000	3,978.09
11	Employment Security Dept.	000000000	3,921.85
12	Employment Security Dept.	000000000	1,063.53
13	IAFF Firepac-Political Affairs Dept.	000062450	2.09
14	IAFF LOCAL #2878	000062451	1,346.11
15	ICMA Retirement Trust -303907	000000000	2,200.00
16	IRS-Payroll EFTPS	000000000	137,648.03
17	NWFFT TRUST	000000000	23,346.54
18	Office of Support Enforcement - DSHS	000000000	1,434.17
19	Snoqualmie Police Association	000062452	800.00
20	Teamsters Local Union #763	000062453	2,037.25
21	Voya Institutional Trust Company	000000000	225.00
22	Western States Police Medical Trust	000062454	493.00
23	WSCFF	000062455	900.00

Page Total: \$471,009.39

Grand Total: \$471,009.39

Accounts Payable

Check Detail

User: ITreptow
 Printed: 05/13/2024 - 10:31AM



Check Number	Check Date	Amount		
90110 - AFLAC Line Item Account				
0	05/07/2024			
Inv				
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>		
05/06/2024	PR Batch 00001.05.2024 AFLAC-Pre Tax	631-00-000-231-50-19-000	78.13	
Inv Total				78.13
				<hr/>
0 Total:				78.13
				<hr/>
90110 - AFLAC Total:				78.13
90000 - AWC BENEFITS Line Item Account				
0	05/07/2024			
Inv				
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>		
05/06/2024	PR Batch 00001.05.2024 AWC-Life Insurance Police	631-00-000-231-50-14-000	945.00	
05/06/2024	PR Batch 00001.05.2024 AWC Life Insurance	631-00-000-231-50-14-000	506.70	
05/06/2024	PR Batch 00001.05.2024 AWC-Medical Benefits/HF 500	631-00-000-231-50-14-000	32,456.10	
05/06/2024	PR Batch 00001.05.2024 AWC Life Insurance Employee	631-00-000-231-50-14-000	3.30	
05/06/2024	PR Batch 00001.05.2024 AWC-Employee Pd Life Addtl	631-00-000-231-50-14-000	50.40	
05/06/2024	PR Batch 00001.05.2024 AWC-Vision	631-00-000-231-50-14-000	1,820.06	
05/06/2024	PR Batch 00001.05.2024 AWC Long Term Disab. Employee	631-00-000-231-50-14-000	6.28	
05/06/2024	PR Batch 00001.05.2024 AWC-Dental Benefits	631-00-000-231-50-14-000	12,308.34	
05/06/2024	PR Batch 00001.05.2024 AWC Long Term Disability	631-00-000-231-50-14-000	820.94	
05/06/2024	PR Batch 00001.05.2024 Kaiser Medical Benefits/200	631-00-000-231-50-14-000	2,403.90	
05/06/2024	PR Batch 00001.05.2024 AWC - Medical Benefits/HF 250	631-00-000-231-50-14-000	120,649.58	
Inv Total				171,970.60
				<hr/>
0 Total:				171,970.60
				<hr/>
90000 - AWC BENEFITS Total:				171,970.60
90099 - CITY OF SNOQUALMIE Line Item Account				
62448	05/07/2024			
Inv				
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>		
05/06/2024	PR Batch 00001.05.2024 FSA	631-00-000-231-50-15-000	476.68	
Inv Total				476.68

62448 Total: 476.68

90099 - CITY OF SNOQUALMIE Total: 476.68

90070 - Dept of Retirement Syst.-PERS Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 PERS 3 Employer	631-00-000-231-50-16-000	4,359.41
05/06/2024	PR Batch 00001.05.2024 PERS 3 Employee	631-00-000-231-50-16-000	2,715.77
05/06/2024	PR Batch 00001.05.2024 PERS2 Employee	631-00-000-231-50-16-000	16,339.78
05/06/2024	PR Batch 00001.05.2024 PERS 2 Employer	631-00-000-231-50-16-000	24,483.97

Inv Total 47,898.93

0 Total: 47,898.93

90070 - Dept of Retirement Syst.-PERS Total: 47,898.93

90010 - Dept. of Labor & Industries Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 L&I Employer	631-00-000-231-50-73-000	14,182.87
05/06/2024	PR Batch 00001.05.2024 L&I Employee	631-00-000-231-50-73-000	2,454.86

Inv Total 16,637.73

0 Total: 16,637.73

90010 - Dept. of Labor & Industries Total: 16,637.73

90105 - Dept. of Retirement Syst.- DCP Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 DCP-Employer	631-00-000-231-50-19-000	5,818.50
05/06/2024	PR Batch 00001.05.2024 Deffered Comp Percentage	631-00-000-231-50-19-000	481.11
05/06/2024	PR Batch 00001.05.2024 DCP Flat Employee	631-00-000-231-50-19-000	13,673.50
05/06/2024	PR Batch 00001.05.2024 Defferd Comp Roth Flat	631-00-000-231-50-19-000	728.00
05/06/2024	PR Batch 00001.05.2024 DCP-Employer-Supplement	631-00-000-231-50-19-000	1,462.50

Inv Total 22,163.61

0 Total: 22,163.61

90105 - Dept. of Retirement Syst.- DCP Total:

22,163.61

90075 - Dept. of Retirement Syst.- PSERS Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 PSERS Employee	631-00-000-231-50-16-000	507.38
05/06/2024	PR Batch 00001.05.2024 PSERS Employer	631-00-000-231-50-16-000	746.37
Inv Total			1,253.75

0 Total:

1,253.75

90075 - Dept. of Retirement Syst.- PSERS Total:

1,253.75

90030 - Dept. of Retirement Syst.-LEOFF Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 LEOFF 2 Employee	631-00-000-231-50-16-000	18,942.35
05/06/2024	PR Batch 00001.05.2024 LEOFF 2 Employer	631-00-000-231-50-16-000	11,813.95
Inv Total			30,756.30

0 Total:

30,756.30

90030 - Dept. of Retirement Syst.-LEOFF Total:

30,756.30

90300 - DiMartino Associates Line Item Account

62449 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Brown & Brown DBA DiMartino	631-00-000-231-50-14-000	378.00
Inv Total			378.00

62449 Total:

378.00

90300 - DiMartino Associates Total:

378.00

90022 - Employment Security Dept. Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 WA Paid Fam. & Med. Leave	631-00-000-231-50-32-000	2,841.57
05/06/2024	PR Batch 00001.05.2024 WA Cares	631-00-000-231-50-32-000	3,921.85
05/06/2024	PR Batch 00001.05.2024 Emp Sec- Unemployment Tax	631-00-000-231-50-50-000	1,063.53

05/06/2024	PR Batch 00001.05.2024 WA Paid Fam. & Med. Leave	631-00-000-231-50-32-000	1,136.52
Inv Total			8,963.47
0 Total:			8,963.47
90022 - Employment Security Dept. Total:			8,963.47
90035 - IAFF Firepac-Political Affairs Dept. Line Item Account			
62450	05/07/2024		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 IAFF-FirePac	631-00-000-231-50-50-000	2.09
Inv Total			2.09
62450 Total:			2.09
90035 - IAFF Firepac-Political Affairs Dept. Total:			2.09
90045 - IAFF LOCAL #2878 Line Item Account			
62451	05/07/2024		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 IAFF-Local 2878 Fire	631-00-000-231-50-21-000	1,346.11
Inv Total			1,346.11
62451 Total:			1,346.11
90045 - IAFF LOCAL #2878 Total:			1,346.11
90100 - ICMA Retirement Trust -303907 Line Item Account			
0	05/07/2024		
Inv			
<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 ICMA-Employer Supplement	631-00-000-231-50-19-000	125.00
05/06/2024	PR Batch 00001.05.2024 ICMA-Employee	631-00-000-231-50-19-000	1,362.50
05/06/2024	PR Batch 00001.05.2024 ICMA-Employer	631-00-000-231-50-19-000	712.50
Inv Total			2,200.00
0 Total:			2,200.00
90100 - ICMA Retirement Trust -303907 Total:			2,200.00

90085 - IRS-Payroll EFTPS Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 FICA Employer	631-00-000-231-50-27-000	28,412.98
05/06/2024	PR Batch 00001.05.2024 Federal Income Tax	631-00-000-231-50-27-000	65,237.35
05/06/2024	PR Batch 00001.05.2024 FICA Employee	631-00-000-231-50-27-000	28,412.98
05/06/2024	PR Batch 00001.05.2024 Medicare Employer	631-00-000-231-50-27-000	7,792.36
05/06/2024	PR Batch 00001.05.2024 Medicare Employee	631-00-000-231-50-27-000	7,792.36

Inv Total 137,648.03

0 Total: 137,648.03

90085 - IRS-Payroll EFTPS Total:

137,648.03

90310 - NWFFT TRUST Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Dental Benefits	631-00-000-231-50-14-000	1,944.69
05/06/2024	PR Batch 00001.05.2024 Medical/Vision Benefits	631-00-000-231-50-14-000	21,401.85

Inv Total 23,346.54

0 Total: 23,346.54

90310 - NWFFT TRUST Total:

23,346.54

90060 - Office of Support Enforcement - DSHS Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Child Support	631-00-000-231-50-30-000	1,434.17

Inv Total 1,434.17

0 Total: 1,434.17

90060 - Office of Support Enforcement - DSHS Total:

1,434.17

90180 - Snoqualmie Police Association Line Item Account

62452 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Police Union Dues	631-00-000-231-50-21-000	800.00

Inv Total 800.00

62452 Total:

800.00

90180 - Snoqualmie Police Association Total:

800.00

90040 - Teamsters Local Union #763 Line Item Account

62453 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Teamsters Union Dues	631-00-000-231-50-21-000	2,037.25

Inv Total

2,037.25

62453 Total:

2,037.25

90040 - Teamsters Local Union #763 Total:

2,037.25

90095 - Voya Institutional Trust Company Line Item Account

0 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 Voya-Employee	631-00-000-231-50-19-000	125.00
05/06/2024	PR Batch 00001.05.2024 Voya-Employer	631-00-000-231-50-19-000	100.00

Inv Total

225.00

0 Total:

225.00

90095 - Voya Institutional Trust Company Total:

225.00

90400 - Western States Police Medical Trust Line Item Account

62454 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>	
05/06/2024	PR Batch 00001.05.2024 W States Police Medical Trust	631-00-000-231-50-17-000	493.00

Inv Total

493.00

62454 Total:

493.00

90400 - Western States Police Medical Trust Total:

493.00

90120 - WSCFF Line Item Account

62455 05/07/2024

Inv

<u>Line Item Date</u>	<u>Line Item Description</u>	<u>Line Item Account</u>
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Check Number Check Date

A

Item 6.

05/06/2024	PR Batch 00001.05.2024 WSCFF-BENEFIT TRUST FF ER	631-00-000-231-50-22-000	900.00
Inv Total			900.00
62455 Total:			900.00
90120 - WSCFF Total:			900.00
Total:			471,009.39



Payroll
Blanket Voucher Document

Claims presented to the City to be paid on *05/08/2024* in the amount of *\$1,384.77* which includes claim warrants numbered ____-____ through ____-____, totaling *\$0.00* and direct deposits totaling *\$1,384.77*.

Payroll

Item 6.

ACH Check Register

User: 'ITreptow'
Printed: 05/07/2024 - 1:34PM
Batch: 00002.05.2024 - Florida Wa Cares adj
Include Partial: TRUE

Check Date	Check Number	Partial ACH	Employee Name	Amount
05/08/2024	0	False	Heather Florida	1,384.77
			Total Employees:	1
			Partial ACH:	0.00
			Regular ACH:	1,384.77
			Total:	1,384.77






Claims Report F&A 5-21-24, CM 5-28-24

Final Audit Report

2024-05-16

Created:	2024-05-15
By:	Ilyse Treptow (itreptow@snoqualmiewa.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAAficTUY0FFtxHhTUUQ_IkvLK0iR9ayZTS

"Claims Report F&A 5-21-24, CM 5-28-24" History

-  Document created by Ilyse Treptow (itreptow@snoqualmiewa.gov)
2024-05-15 - 4:36:26 PM GMT
-  Document emailed to Jerry Knutsen (JKnutsen@snoqualmiewa.gov) for signature
2024-05-15 - 4:37:00 PM GMT
-  Email viewed by Jerry Knutsen (JKnutsen@snoqualmiewa.gov)
2024-05-16 - 0:36:55 AM GMT
-  Document e-signed by Jerry Knutsen (JKnutsen@snoqualmiewa.gov)
Signature Date: 2024-05-16 - 0:49:41 AM GMT - Time Source: server
-  Agreement completed.
2024-05-16 - 0:49:41 AM GMT



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB24-067
May 28, 2024
Committee Report

Item 7.

AGENDA BILL INFORMATION

TITLE:	AB24-067: Climate Change Task Order for Services	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	A motion to approve the Otak Climate Change Task Order and authorize the Mayor to sign.	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director Finance Legal City Administrator	Emily Arteche n/a David Linehan Mike Chambless	5/16/2024 Click or tap to enter a date. 5/16/2024 Click or tap to enter a date.
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DEPARTMENT:	Community Development		
STAFF:	Emily Arteche		
COMMITTEE:	Community Development	COMMITTEE DATE: May 20, 2024	
EXHIBITS:	1. Otak Climate Change Task Order 2. Department of Commerce Awarded Grant Climate Change		

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUESTED	\$ n/a

SUMMARY

INTRODUCTION

The Climate Change Task Order for Services (see Exhibit 1) between the City of Snoqualmie and Otak establishes a Scope of Work and Budget for producing a 'Climate Change Element' to the City's Comprehensive Plan.

LEGISLATIVE HISTORY

N/A

BACKGROUND

Planning for climate change and resiliency was added as the 14th goal to the GMA in 2023, by adoption of House Bill 1181 (Chapter 228, Laws of 2023). The GMA now requires local comprehensive plans to have sub-elements with climate resilience and greenhouse gas emissions reduction: The Greenhouse Gas (GHG) Emission sub-element — with goals and policies to reduce GHG emissions and vehicle miles traveled — is mandatory for the state's 11 largest counties and for cities located within those counties that have a

population size greater than 6,000. The Resilience sub-element — with goals and polices to improve climate preparedness, response and recovery efforts — is mandatory for all fully planning counties and cities under the GMA and is encouraged for others.

ANALYSIS

The total Otak Task Order is \$ \$333,900. The monies to be expended on the Task Order are reimbursable with the \$500,000 grant monies provided by the State of Washington, Department of Commerce, (see Exhibit 2).

BUDGET IMPACTS

N/A

NEXT STEPS

Make a motion to approve the Otak Climate Change Task Order and authorize the Mayor to sign on May 28, 2024.

PROPOSED ACTION

I move to approve the Otak Climate Change Task Order and authorize the Mayor to sign on May 28, 2024.

Snoqualmie Comprehensive Plan Climate Change Element Climate and Resilience Sub-Element

Task Order #21

Otak Project No. 32703.W00

May 2, 2024

Description of Project

Otak is currently assisting the City of Snoqualmie ("City") with project management, coordination, and document development and assembly in support of the City's 2024 Comprehensive Plan periodic review. House Bill 1181, passed in 2023, amended Washington's Growth Management Act (RCW 36.70A) to include provisions associated with Climate Change and Climate Resilience. These changes require the City to update its Comprehensive Plan based on the new Climate Element requirements. As a city based in King County, Snoqualmie will need to adopt a Climate Element that includes a Climate Resilience Sub-Element and Greenhouse Gas (GHG) Emissions Reduction Sub-Element by 2029.

The City will begin Climate Resilience planning in 2024, funded by a grant from the Washington Department of Commerce. This proposal focuses on the development of a Climate Element with Climate Resilience and Greenhouse Gas Emissions Reduction Sub-Elements, leading to the adoption of the new element by June 2025. The following scope incorporates the general project approach described by Climate Element Planning Guidance (Intermediate Version) published by Washington Department of Commerce in December 2023, as well as insights from similar planning processes and projects.

Equitable community engagement, with a focus on vulnerable populations and overburdened communities is emphasized in HB 1181 and guidance from Department of Commerce. Task 2.1 envisions the collaborative development of a Community Engagement Plan and Strategy by City staff and Otak. Following completion of the Community Engagement Plan, specific tasks based on outreach methods, events, and strategies described in the Community Engagement Plan and Strategy can be added or refined by an amendment to this task order.

Scope of Work

1. Task 001 – Project Initiation; Ongoing Management and Coordination

Otak will perform project management duties and client coordination to support development of the Climate Resilience Element. Tasks shall include client coordination, invoicing, and scheduling. Other subtasks include:

- One (1) two-hour project kickoff meeting.

- Monthly check-in meetings with City staff and consultant team (15 total)
- Twice monthly half-hour check-in calls (30 hours are included for this task)
- Developing and maintaining project schedule

Otak Deliverables:

- Project outline and timeline
- Kickoff meeting notes

2. Task 002 – Community Engagement

2.1 Create community engagement plan

- Otak will develop a comprehensive community engagement plan outlining objectives, target audiences, and outreach methods, including opportunities to broaden engagement by supporting community participants. Based on consultation with city staff, the plan will identify key stakeholders, including community groups, vulnerable populations, and overburdened communities. The community engagement plan will support the City's intent to provide early and continuous opportunities for public engagement through the planning process, fulfilling the requirements of RCW 36.70A.140.
- The plan will serve as the basis for Subtasks 2.2 – 2.7, in which Otak will provide support for engagement implementation tasks such as advisory committee meetings, development of survey and outreach materials, and outreach conducted online, in-person, or in conjunction with community events.
- Update the plan if needed based on feedback and evolving project requirements.

Otak Deliverables:

- Community engagement plan and up to one (1) update.

Subtasks 2.2 – 2.7 represent general tasks supporting an anticipated approach to community engagement. The following subtasks are expected to be refined or modified through an amendment to the task order based on the adopted Community Engagement Plan completed in Task 2.1. Due to the performance-based structure of the City's contract with Department of Commerce, certain subtasks may be moved to other task headings following the adoption of the Community Engagement Plan, in order to better align with the sequencing of completed project phases.

2.2 Identify Vulnerable Communities and Environmental Health Disparities

Otak will conduct a comprehensive demographic and equity analysis to inform the engagement plan and identify communities that are currently or may experience disproportionately negative health impacts that can be exacerbated by climate change. This analysis will consider socio-economic factors, health outcomes, geographic vulnerabilities, and historic inequities.

2.3 Stakeholder Interviews

Otak will plan, conduct, and document interviews with key stakeholders (up to 6) identified through an assessment of past engagement practices and the analysis conducted in Task 2.2. These interviews will introduce the project, gather insights on climate-related hazards and climate justice concerns, and initiate contact that will continue throughout the project.

2.3 Climate Policy Advisory Team/Steering Committee Meetings

- Convene meetings with the Climate Policy Advisory Team or Steering Committee to provide guidance and input on the Climate Resilience Element development process. Tentatively, two of these meetings would take place during Task 3, two during Task 4, one during Task 5, and one during Task 6.

2.4 Develop Engagement Materials

- Create written content, maps, and a simplified version of the project schedule for publication on the City's website. Additionally, draft similar content for distribution via newsletters to citywide or project-specific contact lists. Update contact lists with information gathered from project outreach efforts.
- Develop up to three (3) flyers tailored to different project phases, engagement activities, received input, and climate planning priorities and concerns.
- Adapt information from ongoing analysis and engagement for use in public communications and outreach in the form of slides for use by City staff at community briefings, City Council, and commissions and committees as appropriate.
- Coordinate with language translation vendor to provide in-language materials. Assumes four major materials each translated into one language.

2.4 In-Person Public Workshops

- Provide support for organizing and facilitating two (2) in-person open house/workshop event in Snoqualmie. This support includes delivering presentations, creating handouts, and having staff available to assist with discussions and address questions.

2.5 Online Public Workshops

- Host up to three (3) online events where community members can participate in discussions about climate impacts and proposed policies. These events will utilize presentations and live polling or other interactive tools to encourage participation.

2.6 Community Engagement Tracking and Reporting

- Prepare a public engagement report summarizing input received through engagement activities.

Otak Deliverables:

- Web content with up to two major updates. Content for two newsletter or email messages delivered by the City.
- Vulnerable communities and climate justice summary memo.
- Stakeholder interview summary.
- Contact list updates (up to 3)
- Project flyers with up to two (2) major updates
- Presentation with up to two (2) major updates
- Translated engagement materials (up to 4)
- Online open house and survey platform with up to one (1) major revision.
- Community engagement report and findings (draft and final)

3. Task 003 – Climate Resilience Sub-Element

Otak will prepare a Climate Resilience Sub-Element using methodology based on Climate Planning Element Guidance published by Department of Commerce and meeting the requirements of RCW 36.70A.070(9). The element will include at least one goal and supportive policy for each hazard identified in Tasks 3.3 and 3.4, and prioritized in Task 3.5. Informed by community engagement and the analysis conducted in Task 2.2, goals and policies for this sub-element will prioritize actions that benefit overburdened communities most impacted by climate change, and meet minimum requirements to:

- Address climate-exacerbated natural hazards;
- Identify, protect, and enhance natural areas; and
- Identify, protect, and enhance community resilience, including social, economic, and built-environment factors that support climate adaptation consistent with environmental justice.

3.1 Audit Plans and Policies

Review existing plans, policies, and regulations to assess their alignment with climate resilience objectives. Identify gaps and opportunities for integrating climate considerations into planning documents.

3.2 Identify Community Assets

Coordinate with community members and agency staff to identify and catalog critical community assets, including infrastructure, natural resources, and social systems. Otak will develop a matrix identifying assets within each of the eleven sectors identified in Intermediate Guidance published by Department of Commerce.

3.3 Explore Climate Impacts and Assess Vulnerability

Identify climate change impacts, including changes in temperature, precipitation, and extreme weather events. Evaluate the vulnerability of community assets and populations to these impacts. Coordinate with the King County Regional Hazard Mitigation Plan update process, including identification of impacts and

vulnerability assessment to support the 2020 City of Snoqualmie Hazard Mitigation Plan Jurisdictional Annex. Includes attendance at up to one (1) in-person and two (2) virtual technical workshops or other events conducted for the Regional Hazard Mitigation Plan update process.

3.4 Pair Assets and Hazards and Describe Exposure and Consequences

Using information gathered from the plan and policy audit conducted in Task 4.1, community input, feedback department and agency staff, and summarized information from statewide and regional reports, Otak will analyze the intersection of climate hazards and community assets to assess exposure and potential consequences.

3.5 Identify Priority Climate Hazards

In coordination with technical and community advisory groups, Otak will develop a matrix recommending priority climate hazards to address in the planning process based on their likelihood, severity, and potential impacts on community resilience.

Otak Deliverables:

- Preliminary analysis conducted in Tasks 3.2-3.5 presented in matrix format, as adapted from the Climate Element Workbook, Appendix B to Climate Element Planning Guidance, Intermediate Version, published by Washington Department of Commerce.
- Memorandum outlining current policy gaps and opportunities.
- Memo summarizing potential climate impacts/risks/vulnerabilities.

4. Task 004 – GHG Emissions Reduction Sub-Element

Otak will prepare a Greenhouse Gas Emissions Reduction Sub-Element using methodology based on Climate Planning Element Guidance published by Department of Commerce and meeting the requirements of RCW 36.70A.070(9). The element will set incremental targets to achieve net zero emissions by 2050, including goals and policies for the building and energy, transportation, and zoning and development sectors. Goals and policies for this sub-element, initiated in Task 004 and refined and adopted in Task 5.1, will meet minimum requirements to reduce GHG emissions generated by transportation and land use, reduce vehicle miles traveled, and prioritize reductions that benefit overburdened communities and maximize the co-benefits of reduced air pollution and environmental justice.

4.1 Inventory Scoping and Setup

- Conduct a comprehensive assessment of the city's emissions sources, including municipal operations, transportation, energy consumption, waste management, and other relevant sectors.
- Define the boundaries of the inventory in accordance with HB 1181 requirements.

4.2 GHG Emissions Inventory and Report

- Prepare a comprehensive summary encompassing inventory protocols, scope, methodology, data collection processes, and the chosen inventory platform (1-2 pages), detailing activity data, emissions factors, data sources, potential gaps, and key details.

- Gather information related to activity data, emissions factors, data sources, and key contacts for each emissions sector, including general information for developing key performance indicators and normalizing data across inventory years.
- Prepare a GHG Inventory Report Outline in collaboration with City staff, including bulleted, high-level summaries of content for each section.
- Draft and finalize the GHG Inventory Report, including both draft and final versions.
- Develop a GHG emissions inventory management plan for ongoing monitoring of inventory data, including protocols for data quality management, testing inventory assumptions, and sharing results with the community.

Otak Deliverables:

- Summary document encompassing inventory protocols, scope, methodology, data collection processes, and chosen inventory platform.
- Gathered information related to activity data, emissions factors, data sources, and key contacts.
- GHG Inventory Report Outline.
- Draft and final GHG Inventory Reports.
- Draft and final GHG emissions inventory management plan.

4.3 Adopt Reduction Targets and Implementation Plan

- Work with advisory group and City Council to develop GHG emissions reduction targets by sector, ensuring alignment with community and legislative requirements.
- Support the development of proposed measures to achieve adopted targets, meeting the minimum requirements of HB 1181, based on technical analysis, community and agency input, and the Menu of Measures adopted by the Department of Commerce.

Otak Deliverables:

- GHG emissions reduction targets document, including sector-specific targets, presented in matrix form.
- Proposed measures document detailing strategies to achieve adopted targets, presented in matrix form.

5. Task 005 – Climate Element Integration and Implementation

5.1 Develop Draft Goals and Policies

- Draft goals and policies aimed at implementing climate resilience and greenhouse gas emissions reduction measures in the Comprehensive Plan. Ensure alignment with state requirements for Climate Elements under the Growth Management Act as amended by HB 1181.
- Prepare draft Climate Element, including Climate Resilience and Greenhouse Gas Emissions Reduction sub-elements, supporting documentation in Comprehensive Plan Volume II, and ensuring consistency and cross-referencing with related policies in other plan elements.

- Present draft element and gather feedback from Planning Commission at three (3) workshops, with at least one Otak team member attending in-person.
- Incorporate feedback from staff, stakeholders, public comments, and the Planning Commission into a revised draft element.

5.2 Draft SEPA Checklist

- Prepare a draft State Environmental Policy Act (SEPA) checklist to assess potential environmental impacts of the element and proposed policies.

5.2 Support Element Adoption Process

- Following Planning Commission recommendation, present proposed element at one (1) City Council committee meeting and two (2) City Council meetings.
- Incorporate feedback from City Council into final draft Climate Element.

5.3 Integrate Element into Comprehensive Plan

- Otak will prepare a revised Comprehensive Plan document that incorporates the Climate Element consistent with the format, style, and policy content of the Comprehensive Plan document, as revised during the 2024 periodic update process.

5.4 Implementation Plan

- Based on the approved Climate Element, Otak will develop an implementation plan outlining potential actions, including policy or regulation changes to implement new policies.

5.5 Prepare Implementation Progress Reporting

- Otak will prepare an outline-level template for five-year progress implementation reporting that will be required in 2029 by RCW 36.70A.130, with an emphasis on greenhouse gas emission and vehicle miles traveled (VMT) reduction reporting specified in HB 1181.

Otak Deliverables by May 30, 2025:

- Draft goals and policies and one (1) full round of revisions based on staff, public, and Planning Commission feedback received during Task 5.1.
- Summary memo and PowerPoint presentations for three (3) Planning Commission workshops, one (1) City Council committee meeting, and two (2) City Council meetings.
- Non-project action SEPA checklist describing the policy changes under consideration and potential impacts.
- Final draft of goals and policies, and supporting information for Comprehensive Plan Volume II, and one (1) full round of revisions based on feedback received during Task 5.2.
- Revised Comprehensive Plan document that incorporates the adopted Climate Element.

- Report outlining options to implement new policies, including recommendations for implementation projects and potential funding sources.
- An outline template for five-year progress implementation reporting, with an emphasis on GHG emissions reduction reporting requirements.

6. Task 006 – Contingent Tasks

6.1 Additional Project Team Meetings

- As needed, convene up to four (4) additional meetings with City or agency staff to coordinate and plan project activities, or review deliverables.

6.2 Additional Climate Policy Advisory Team/Steering Committee Meetings

- As needed, convene up to four (4) additional meetings with the Climate Policy Advisory Team or Steering Committee to provide guidance and input on the Climate Resilience Element development process.

6.3 Five Year Implementation Progress Report

- Prepare the five year implementation progress report detailing the progress the City has achieved in implementing the City comprehensive plan five years after the review and revision of the Snoqualmie Comprehensive Plan as required by state law, HB1181. Otak estimates 84 hours to complete this task, with subtask scope and budget to be confirmed prior to initiating the reporting process in July 2028.

Otak Deliverables:

- Five year implementation progress report.

Project Assumptions and Exclusions

- All meetings and presentations to be held virtually unless otherwise noted.
- Client is responsible for coordinating the plan adoption process, including notification and legislative review.
- The fee includes anticipated expenses for travel, materials, and translation services to support Subtasks 2.4, 2.6, and 5.1. Additional expenses to support process participants, such as food and childcare will be identified in the Community Engagement Plan completed in Subtask 2.1.
- The need for additional subconsultants may be identified during the completion of the Community Engagement Plan (Task 2.1) and the Inventory Scoping and Setup for the Greenhouse Gas Emissions Inventory (Task 4.1). These contingent tasks can be added through an amendment to this task order once specific subtasks and cost estimates have been defined.
- The current cost estimate for contingent Task 6.3, to be conducted in 2029, is based on an estimated 84 hours of effort based on current rates and requirements. If contingent Task 6.3 is needed, Otak will

provide an updated scope and budget estimate, to include documentation of recalculated hourly rates and description of any changes to reporting requirements impacting the level of effort estimated.

Project Budget Estimate

To support flexibility within the task order for performing work as necessary, we recommend a Time and Materials, not to exceed, contract for the sum of \$308,000 to perform the identified efforts noted for the initial project work in Tasks 001 through 005, and up to \$25,000 for the contingency tasks identified in Task 006. If acceptable, Otak will develop a Professional Services Agreement to contract this initial scope of work and compensation.

Task 001 – Project Initiation; Ongoing Management and Coordination	\$21,100
Task 002 – Community Engagement	\$75,900
Task 003 – Climate Resilience Sub-Element	\$60,300
Task 004 – GHG Emissions Reduction Sub-Element	\$98,400
Task 005 – Climate Resilience Element Integration and Implementation	\$52,300
SUBTOTAL ESTIMATE	\$308,000
Task 006 – Contingent Tasks	\$25,000
TOTAL BUDGET ESTIMATE	\$333,900

In Witness Whereof, the parties hereto have executed this Agreement effective as of the day and year first above written.

City of Snoqualmie

Signature: _____

Name: _____

Title: _____

Date: _____

Otak

Signature: _____

Name: Amanda (Mandi) C. Roberts

Title: Senior VP/Practice Leader

Date: May 3, 2024

City of Snoqualmie

Signature: _____

Name: _____

Title: _____

Date: _____

Attested: _____
City Clerk, Deana Dean



Interagency Agreement with

City of Snoqualmie

through

Growth Management Services

**Contract Number:
24-63610-224**

For

2023-2025 Climate Planning Grant

Dated: Date of Execution



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Face Sheet

Contract Number: 24-63610-224

**Local Government Division
Growth Management Services
2023-2025 Climate Planning Grant**

1. Contractor City of Snoqualmie 38624 SE River Street Snoqualmie, WA 98065		2. Contractor Doing Business As (as applicable) N/A	
3. Contractor Representative Ashley Wragge awragge@snoqualmiewa.gov		4. COMMERCE Representative Noelle Madera Climate Operations Team Lead 509-818-1040 noelle.madera@commerce.wa.gov	
5. Contract Amount \$500,000	6. Funding Source Federal: <input type="checkbox"/> State: <input checked="" type="checkbox"/> Other: <input type="checkbox"/> N/A: <input type="checkbox"/>	7. Start Date Date of Execution	8. End Date June 30, 2025
9. Federal Funds (as applicable) N/A		Federal Agency: N/A	
10. Tax ID # N/A	11. SWV # 0007167-00	12. UBI # 179-000-205	13. UEI # N/A
14. Contract Purpose For the development of the Growth Management Act (GMA) climate change and resiliency element requirements related to the implementation of HB 1181.			
COMMERCE, defined as the Department of Commerce, and the Contractor, as defined above, acknowledge and accept the terms of this Contract and Attachments and have executed this Contract on the date below and warrant they are authorized to bind their respective agencies. The rights and obligations of both parties to this Contract are governed by this Contract and the following documents incorporated by reference: Contractor Terms and Conditions including Attachment "A" – Scope of Work and Attachment "B" Budget			
FOR CONTRACTOR <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> DocuSigned by: 6C3142714DBF47F... </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Ashley Wragge, Planning Technician City of Snoqualmie <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> 4/2/2024 3:28 PM PDT <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Date		FOR COMMERCE <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> DocuSigned by: 80312B04865C458... </div> <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Mark K. Barkley, Assistant Director Local Government Division <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> 4/8/2024 7:47 AM PDT <div style="border-bottom: 1px solid black; margin-bottom: 10px;"></div> Date APPROVED AS TO FORM ONLY BY ASSISTANT ATTORNEY GENERAL APPROVAL ON FILE	



Special Terms and Conditions

1. AUTHORITY

COMMERCE and Contractor enter into this Contract pursuant to the authority granted by Chapter 39.34 RCW.

2. CONTRACT MANAGEMENT

The Representative for each of the parties shall be responsible for and shall be the contact person for all communications and billings regarding the performance of this Contract.

The Representative for COMMERCE and their contact information are identified on the Face Sheet of this Contract.

The Representative for the Contractor and their contact information are identified on the Face Sheet of this Contract.

3. COMPENSATION

COMMERCE shall pay an amount not to exceed **\$500,000**, for the performance of all things necessary for or incidental to the performance of work under this Contract as set forth in the attached Scope of Work and Budget.

4. BILLING PROCEDURES AND PAYMENT

COMMERCE will pay Contractor upon acceptance of services provided and receipt of properly completed invoices, which shall be submitted to the Representative for COMMERCE not more often than monthly nor less than quarterly.

The invoices shall describe and document, to COMMERCE's satisfaction, a description of the work performed, the progress of the project, and fees. The invoice shall include the Contract Number 24-63610-224. A receipt must accompany any single expenses in the amount of \$50.00 or more in order to receive reimbursement.

Payment shall be considered timely if made by COMMERCE within thirty (30) calendar days after receipt of properly completed invoices. Payment shall be sent to the address designated by the Contractor.

COMMERCE may, in its sole discretion, terminate the Contract or withhold payments claimed by the Contractor for services rendered if the Contractor fails to satisfactorily comply with any term or condition of this Contract.

No payments in advance or in anticipation of services or supplies to be provided under this Agreement shall be made by COMMERCE.

Grant Start Date

COMMERCE will pay the Contractor for costs incurred beginning July 1, 2023, for services and deliverables described under this Agreement.

State Fiscal Year Payments

COMMERCE will reimburse Contractor for State Fiscal Year 2024 (July 1, 2023-June 30, 2024), and State Fiscal Year 2025 (July 1, 2024-June 30, 2025), based on the expenses incurred under this Contract.

Invoices and End of Fiscal Year

Invoices are due at a minimum of June 15, 2024 and 2025, if not submitted at more frequent intervals.



Final invoices for a state fiscal year may be due sooner than the 15th of June and Commerce will provide notification of the end of fiscal year due date.

The Contractor must invoice for all expenses from the beginning of the contract through June 30, regardless of the contract start and end date.

Duplication of Billed Costs

The Contractor shall not bill COMMERCE for services performed under this Agreement, and COMMERCE shall not pay the Contractor, if the Contractor is entitled to payment or has been or will be paid by any other source, including grants, for that service.

Disallowed Costs

The Contractor is responsible for any audit exceptions or disallowed costs incurred by its own organization or that of its subcontractors.

Line Item Modification of Budget

- A. Notwithstanding any other provision of this contract, the Contractor may, at its discretion, make modifications to line items in the Budget, hereof, that will not increase the line item by more than fifteen percent (15%).
- B. The Contractor shall notify COMMERCE in writing (by email or regular mail) when proposing any budget modification or modifications to a line item in the Budget (Attachments B) hereof, that would increase the line item by more than fifteen percent (15%). Conversely, COMMERCE may initiate the budget modification approval process if presented with a request for payment under this contract that would cause one or more budget line items to exceed the 15 percent (15%) threshold increase described above.
- C. Any such budget modification or modifications as described above shall require the written approval of COMMERCE (by email or regular mail), and such written approval shall amend the Project Budget. Each party to this contract will retain and make any and all documents related to such budget modifications a part of their respective contract file.
- D. Nothing in this section shall be construed to permit an increase in the amount of funds available for the Project, as set forth in Section 3 of this contract, nor does this section allow any proposed changes to the Scope of Work, include Tasks/Work Items and Deliverables under Attachment A, without specific written approval from COMMERCE by amendment to this contract.

5. SUBCONTRACTOR DATA COLLECTION

Contractor will submit reports, in a form and format to be provided by Commerce and at intervals as agreed by the parties, regarding work under this Contract performed by subcontractors and the portion of Contract funds expended for work performed by subcontractors, including but not necessarily limited to minority-owned, woman-owned, and veteran-owned business subcontractors. "Subcontractors" shall mean subcontractors of any tier.

6. ENSURE COORDINATED CLIMATE COMMITMENT ACT BRANDING

COMMERCE received funding from Washington's Climate Commitment Act (CCA). To strengthen public awareness of how CCA funding is used, the Office of the Governor is directing state agencies that administer funding or manage a CCA-supported program to ensure consistent branding and funding acknowledgments are used in all communications and included in funding agreements and contracts. The "Climate Commitment Act" logo and funding acknowledgment make it easy for consumers and the public to see how the state is using CCA funds to reduce climate pollution, create jobs, and improve public health and the environment, particularly for low-income and overburdened populations.



The following provisions apply to all contractors, subcontractors, service providers and others who assist CONTRACTOR in implementing the climate planning grant.

Logo requirements. The CCA logo must be used in the following circumstances, consistent with the branding guidelines posted at climate.wa.gov/brandtoolkit.

- Any WA Department of Commerce climate planning grant website or webpage that includes logos from other funding partners.
- Any WA Department of Commerce climate planning grant media or public information materials that include logos from other funding partners.

Funding source acknowledgement. This standard funding language must be used on websites and included in announcements, press releases and publications used for media-related activities, publicity and public outreach.

"The WA Department of Commerce climate planning grant is supported with funding from Washington's Climate Commitment Act. The CCA supports Washington's climate action efforts by putting cap-and-invest dollars to work reducing climate pollution, creating jobs, and improving public health. Information about the CCA is available at www.climate.wa.gov."

7. **INSURANCE**

Each party certifies that it is self-insured under the State's or local government self-insurance liability program, and shall be responsible for losses for which it is found liable.

8. **FRAUD AND OTHER LOSS REPORTING**

Contractor shall report in writing all known or suspected fraud or other loss of any funds or other property furnished under this Contract immediately or as soon as practicable to the Commerce Representative identified on the Face Sheet.

9. **ORDER OF PRECEDENCE**

In the event of an inconsistency in this Contract, the inconsistency shall be resolved by giving precedence in the following order:

- Applicable federal and state of Washington statutes and regulations
- Special Terms and Conditions
- General Terms and Conditions
- Attachment A – Scope of Work
- Attachment B – Budget



General Terms and Conditions

1. DEFINITIONS

As used throughout this Contract, the following terms shall have the meaning set forth below:

- A. "Authorized Representative" shall mean the Director and/or the designee authorized in writing to act on the Director's behalf.
- B. "COMMERCE" shall mean the Washington Department of Commerce.
- C. "Contract" or "Agreement" or "Grant" means the entire written agreement between COMMERCE and the Contractor, including any Attachments, documents, or materials incorporated by reference. E-mail or Facsimile transmission of a signed copy of this contract shall be the same as delivery of an original.
- D. "Contractor" or "Grantee" shall mean the entity identified on the face sheet performing service(s) under this Contract, and shall include all employees and agents of the Contractor.
- E. "Personal Information" shall mean information identifiable to any person, including, but not limited to, information that relates to a person's name, health, finances, education, business, use or receipt of governmental services or other activities, addresses, telephone numbers, social security numbers, driver license numbers, other identifying numbers, and any financial identifiers, and "Protected Health Information" under the federal Health Insurance Portability and Accountability Act of 1996 (HIPAA).
- F. "State" shall mean the state of Washington.
- G. "Subcontractor" shall mean one not in the employment of the Contractor, who is performing all or part of those services under this Contract under a separate contract with the Contractor. The terms "subcontractor" and "subcontractors" mean subcontractor(s) in any tier.

2. ALL WRITINGS CONTAINED HEREIN

This Contract contains all the terms and conditions agreed upon by the parties. No other understandings, oral or otherwise, regarding the subject matter of this Contract shall be deemed to exist or to bind any of the parties hereto.

3. AMENDMENTS

This Contract may be amended by mutual agreement of the parties. Such amendments shall not be binding unless they are in writing and signed by personnel authorized to bind each of the parties.

4. ASSIGNMENT

Neither this Contract, work thereunder, nor any claim arising under this Contract, shall be transferred or assigned by the Contractor without prior written consent of COMMERCE.

5. CONFIDENTIALITY AND SAFEGUARDING OF INFORMATION

A. "Confidential Information" as used in this section includes:

- i. All material provided to the Contractor by COMMERCE that is designated as "confidential" by COMMERCE;
- ii. All material produced by the Contractor that is designated as "confidential" by COMMERCE; and



iii. All Personal Information in the possession of the Contractor that may not be disclosed under state or federal law.

B. The Contractor shall comply with all state and federal laws related to the use, sharing, transfer, sale, or disclosure of Confidential Information. The Contractor shall use Confidential Information solely for the purposes of this Contract and shall not use, share, transfer, sell or disclose any Confidential Information to any third party except with the prior written consent of COMMERCE or as may be required by law. The Contractor shall take all necessary steps to assure that Confidential Information is safeguarded to prevent unauthorized use, sharing, transfer, sale or disclosure of Confidential Information or violation of any state or federal laws related thereto. Upon request, the Contractor shall provide COMMERCE with its policies and procedures on confidentiality. COMMERCE may require changes to such policies and procedures as they apply to this Contract whenever COMMERCE reasonably determines that changes are necessary to prevent unauthorized disclosures. The Contractor shall make the changes within the time period specified by COMMERCE. Upon request, the Contractor shall immediately return to COMMERCE any Confidential Information that COMMERCE reasonably determines has not been adequately protected by the Contractor against unauthorized disclosure.

C. Unauthorized Use or Disclosure. The Contractor shall notify COMMERCE within five (5) working days of any unauthorized use or disclosure of any confidential information, and shall take necessary steps to mitigate the harmful effects of such use or disclosure.

6. **COPYRIGHT**

Unless otherwise provided, all Materials produced under this Contract shall be considered "works for hire" as defined by the U.S. Copyright Act and shall be owned by COMMERCE. COMMERCE shall be considered the author of such Materials. In the event the Materials are not considered "works for hire" under the U.S. Copyright laws, the Contractor hereby irrevocably assigns all right, title, and interest in all Materials, including all intellectual property rights, moral rights, and rights of publicity to COMMERCE effective from the moment of creation of such Materials.

"Materials" means all items in any format and includes, but is not limited to, data, reports, documents, pamphlets, advertisements, books, magazines, surveys, studies, computer programs, films, tapes, and/or sound reproductions. "Ownership" includes the right to copyright, patent, register and the ability to transfer these rights.

For Materials that are delivered under the Contract, but that incorporate pre-existing materials not produced under the Contract, the Contractor hereby grants to COMMERCE a nonexclusive, royalty-free, irrevocable license (with rights to sublicense to others) in such Materials to translate, reproduce, distribute, prepare derivative works, publicly perform, and publicly display. The Contractor warrants and represents that the Contractor has all rights and permissions, including intellectual property rights, moral rights and rights of publicity, necessary to grant such a license to COMMERCE.

The Contractor shall exert all reasonable effort to advise COMMERCE, at the time of delivery of Materials furnished under this Contract, of all known or potential invasions of privacy contained therein and of any portion of such document which was not produced in the performance of this Contract. The Contractor shall provide COMMERCE with prompt written notice of each notice or claim of infringement received by the Contractor with respect to any Materials delivered under this Contract. COMMERCE shall have the right to modify or remove any restrictive markings placed upon the Materials by the Contractor.

7. **DISPUTES**

In the event that a dispute arises under this Agreement, it shall be determined by a Dispute Board in the following manner: Each party to this Agreement shall appoint one member to the Dispute Board. The members so appointed shall jointly appoint an additional member to the Dispute Board. The Dispute Board shall review the facts, Agreement terms and applicable statutes and rules and make a determination of the dispute. The Dispute Board shall thereafter decide the dispute with the majority



prevailing. The determination of the Dispute Board shall be final and binding on the parties hereto. As an alternative to this process, either of the parties may request intervention by the Governor, as provided by RCW 43.17.330, in which event the Governor's process will control.

8. GOVERNING LAW AND VENUE

This Contract shall be construed and interpreted in accordance with the laws of the state of Washington, and the venue of any action brought hereunder shall be in the Superior Court for Thurston County.

9. INDEMNIFICATION

Each party shall be solely responsible for the acts of its employees, officers, and agents.

10. LICENSING, ACCREDITATION AND REGISTRATION

The Contractor shall comply with all applicable local, state, and federal licensing, accreditation and registration requirements or standards necessary for the performance of this Contract.

11. RECAPTURE

In the event that the Contractor fails to perform this Contract in accordance with state laws, federal laws, and/or the provisions of this Contract, COMMERCE reserves the right to recapture funds in an amount to compensate COMMERCE for the noncompliance in addition to any other remedies available at law or in equity.

Repayment by the Contractor of funds under this recapture provision shall occur within the time period specified by COMMERCE. In the alternative, COMMERCE may recapture such funds from payments due under this Contract.

12. RECORDS MAINTENANCE

The Contractor shall maintain books, records, documents, data and other evidence relating to this contract and performance of the services described herein, including but not limited to accounting procedures and practices that sufficiently and properly reflect all direct and indirect costs of any nature expended in the performance of this contract.

The Contractor shall retain such records for a period of six years following the date of final payment. At no additional cost, these records, including materials generated under the contract, shall be subject at all reasonable times to inspection, review or audit by COMMERCE, personnel duly authorized by COMMERCE, the Office of the State Auditor, and federal and state officials so authorized by law, regulation or agreement.

If any litigation, claim or audit is started before the expiration of the six (6) year period, the records shall be retained until all litigation, claims, or audit findings involving the records have been resolved.

13. SAVINGS

In the event funding from state, federal, or other sources is withdrawn, reduced, or limited in any way after the effective date of this Contract and prior to normal completion, COMMERCE may suspend or terminate the Contract under the "Termination for Convenience" clause, without the ten calendar day notice requirement. In lieu of termination, the Contract may be amended to reflect the new funding limitations and conditions.

14. SEVERABILITY

The provisions of this contract are intended to be severable. If any term or provision is illegal or invalid for any reason whatsoever, such illegality or invalidity shall not affect the validity of the remainder of the contract.

**15. SUBCONTRACTING**

The Contractor may only subcontract work contemplated under this Contract if it obtains the prior written approval of COMMERCE.

If COMMERCE approves subcontracting, the Contractor shall maintain written procedures related to subcontracting, as well as copies of all subcontracts and records related to subcontracts. For cause, COMMERCE in writing may: (a) require the Contractor to amend its subcontracting procedures as they relate to this Contract; (b) prohibit the Contractor from subcontracting with a particular person or entity; or (c) require the Contractor to rescind or amend a subcontract.

Every subcontract shall bind the Subcontractor to follow all applicable terms of this Contract. The Contractor is responsible to COMMERCE if the Subcontractor fails to comply with any applicable term or condition of this Contract. The Contractor shall appropriately monitor the activities of the Subcontractor to assure fiscal conditions of this Contract. In no event shall the existence of a subcontract operate to release or reduce the liability of the Contractor to COMMERCE for any breach in the performance of the Contractor's duties.

Every subcontract shall include a term that COMMERCE and the State of Washington are not liable for claims or damages arising from a Subcontractor's performance of the subcontract.

16. SURVIVAL

The terms, conditions, and warranties contained in this Contract that by their sense and context are intended to survive the completion of the performance, cancellation or termination of this Contract shall so survive.

17. TERMINATION FOR CAUSE

In the event COMMERCE determines the Contractor has failed to comply with the conditions of this contract in a timely manner, COMMERCE has the right to suspend or terminate this contract. Before suspending or terminating the contract, COMMERCE shall notify the Contractor in writing of the need to take corrective action. If corrective action is not taken within 30 calendar days, the contract may be terminated or suspended.

In the event of termination or suspension, the Contractor shall be liable for damages as authorized by law including, but not limited to, any cost difference between the original contract and the replacement or cover contract and all administrative costs directly related to the replacement contract, e.g., cost of the competitive bidding, mailing, advertising and staff time.

COMMERCE reserves the right to suspend all or part of the contract, withhold further payments, or prohibit the Contractor from incurring additional obligations of funds during investigation of the alleged compliance breach and pending corrective action by the Contractor or a decision by COMMERCE to terminate the contract. A termination shall be deemed a "Termination for Convenience" if it is determined that the Contractor: (1) was not in default; or (2) failure to perform was outside of his or her control, fault or negligence.

The rights and remedies of COMMERCE provided in this contract are not exclusive and are, in addition to any other rights and remedies, provided by law.

18. TERMINATION FOR CONVENIENCE

Except as otherwise provided in this Contract, COMMERCE may, by ten (10) business days' written notice, beginning on the second day after the mailing, terminate this Contract, in whole or in part. If this Contract is so terminated, COMMERCE shall be liable only for payment required under the terms of this Contract for services rendered or goods delivered prior to the effective date of termination.

19. TERMINATION PROCEDURES

Upon termination of this contract, COMMERCE, in addition to any other rights provided in this contract, may require the Contractor to deliver to COMMERCE any property specifically produced or acquired for the performance of such part of this contract as has been terminated. The provisions of the "Treatment of Assets" clause shall apply in such property transfer.



COMMERCE shall pay to the Contractor the agreed upon price, if separately stated, for completed work and services accepted by COMMERCE, and the amount agreed upon by the Contractor and COMMERCE for (i) completed work and services for which no separate price is stated, (ii) partially completed work and services, (iii) other property or services that are accepted by COMMERCE, and (iv) the protection and preservation of property, unless the termination is for default, in which case the Authorized Representative shall determine the extent of the liability of COMMERCE. Failure to agree with such determination shall be a dispute within the meaning of the "Disputes" clause of this contract. COMMERCE may withhold from any amounts due the Contractor such sum as the Authorized Representative determines to be necessary to protect COMMERCE against potential loss or liability.

The rights and remedies of COMMERCE provided in this section shall not be exclusive and are in addition to any other rights and remedies provided by law or under this contract.

After receipt of a notice of termination, and except as otherwise directed by the Authorized Representative, the Contractor shall:

- A. Stop work under the contract on the date, and to the extent specified, in the notice;
- B. Place no further orders or subcontracts for materials, services, or facilities except as may be necessary for completion of such portion of the work under the contract that is not terminated;
- C. Assign to COMMERCE, in the manner, at the times, and to the extent directed by the Authorized Representative, all of the rights, title, and interest of the Contractor under the orders and subcontracts so terminated, in which case COMMERCE has the right, at its discretion, to settle or pay any or all claims arising out of the termination of such orders and subcontracts;
- D. Settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the Authorized Representative to the extent the Authorized Representative may require, which approval or ratification shall be final for all the purposes of this clause;
- E. Transfer title to COMMERCE and deliver in the manner, at the times, and to the extent directed by the Authorized Representative any property which, if the contract had been completed, would have been required to be furnished to COMMERCE;
- F. Complete performance of such part of the work as shall not have been terminated by the Authorized Representative; and
- G. Take such action as may be necessary, or as the Authorized Representative may direct, for the protection and preservation of the property related to this contract, which is in the possession of the Contractor and in which COMMERCE has or may acquire an interest.

20. TREATMENT OF ASSETS

Title to all property furnished by COMMERCE shall remain in COMMERCE. Title to all property furnished by the Contractor, for the cost of which the Contractor is entitled to be reimbursed as a direct item of cost under this contract, shall pass to and vest in COMMERCE upon delivery of such property by the Contractor. Title to other property, the cost of which is reimbursable to the Contractor under this contract, shall pass to and vest in COMMERCE upon (i) issuance for use of such property in the performance of this contract, or (ii) commencement of use of such property in the performance of this contract, or (iii) reimbursement of the cost thereof by COMMERCE in whole or in part, whichever first occurs.

- A. Any property of COMMERCE furnished to the Contractor shall, unless otherwise provided herein or approved by COMMERCE, be used only for the performance of this contract.
- B. The Contractor shall be responsible for any loss or damage to property of COMMERCE that results from the negligence of the Contractor or which results from the failure on the part of the Contractor to maintain and administer that property in accordance with sound management



practices.

- C. If any COMMERCE property is lost, destroyed or damaged, the Contractor shall immediately notify COMMERCE and shall take all reasonable steps to protect the property from further damage.
- D. The Contractor shall surrender to COMMERCE all property of COMMERCE prior to settlement upon completion, termination or cancellation of this contract.
- E. All reference to the Contractor under this clause shall also include Contractor's employees, agents or Subcontractors.

21. WAIVER

Waiver of any default or breach shall not be deemed to be a waiver of any subsequent default or breach. Any waiver shall not be construed to be a modification of the terms of this Contract unless stated to be such in writing and signed by Authorized Representative of COMMERCE.

Attachment A: Scope of Work

Task 1	Initialize project	April-May 2024
	<ul style="list-style-type: none"> • Project kickoff meeting • Develop an outline of the project, nexus to comprehensive plan update, roles, responsibilities, timelines, project risks/risk mitigation. • Research 	
Deliverable 1	Outline and Timeline Kickoff meeting notes	May 31, 2024
Task 2	Community engagement plan and community engagement	June-October 2024
	<ul style="list-style-type: none"> • Create community engagement strategy and plan. Ensure it links to comprehensive plan process. • Utilize a toolbox of tactics to engagement the community both remotely and in person. Engagement will include a strong focus on communities most impacted by climate change. This section includes broader public involvement/communications (e.g., ongoing updates to inform about the process, public comment periods, etc.). • Execute community engagement activities including necessary staff to assist in logistics and execution of conducting and presenting Information for public engagement. 	
Deliverable 2	Community engagement plan and strategy Community engagement report and findings	October 31, 2024
Section 3	Critical Area and Best Available Science Review for Code Consistency and Comprehensive Plan Updates	April-September 2024
	<ul style="list-style-type: none"> • Complete a BAS review to identify amendments necessary for updates • Review of Environmental Element draft goals and policy • Identify existing regulations in the 2016 Snoqualmie Municipal Code (SMC) Chapter 19.12 (Critical Areas) that need to be amended. • Identify existing regulations in the 2016 Snoqualmie Municipal Code (SMC) Chapter 15.12 	

	<p>flood hazard regulations that need to be amended</p> <p>Consistency Review with HB1181</p> <ul style="list-style-type: none"> • Staff preparing documentation and presentations of information for planning commission review. • Consistency Review with HB1181 	
Deliverable 3	<ul style="list-style-type: none"> • Critical Areas Checklist from the DOC • Riparian Management Zone Checklist for Critical Areas Ordinances and BAS Review • Technical Memorandum covering review of the city code review and proposed vision, goals, and policies for the Environment Element of the Comprehensive Plan. • Crossover Spreadsheet documenting proposed code updates from Code consistency review. • Draft SEPA Checklist 	October 30, 2024
Task 4	GHG Emission sources and reduction goals	August - December 2024
	<ul style="list-style-type: none"> • Define jurisdiction/study area and completed a demographic and historical profile of the jurisdiction/study area • Select Pathway 1-4 for meeting GHG reduction sub-element requirements. Based on Pathway selected, completed data analysis and develop GHG or GHG/VMT reductions goals. May include both GHG inventories and wedge modeling to assess how proposed goals/policies will help the County achieve emissions reduction goals. 	
Deliverable 4	Memorandum identifying GHG or GHG/VMT reduction goals based upon outcomes from Pathway 1-4	January 3, 2025
Task 5	Climate Resilient sub-element	January-March 2025
	<ul style="list-style-type: none"> • Audit existing plans and policies to develop a baseline and understand current gaps and opportunities • Identify community assets - social, economic, and environmental assets that your community members value and want to protect • Explore how future hazards based on potential changes to the climate in the future, including coordination with King County Hazard Mitigation Plan as needed. • Pair assets and hazards and describe exposure and consequences 	

	<ul style="list-style-type: none"> Prioritize issues 	
Deliverable 5	<p>A memorandum outlining current policy gaps and opportunities</p> <p>A memo summarizing potential climate impacts/risks/vulnerabilities and potential opportunities</p> <p>Draft SEPA Checklist</p>	March 31, 2025
Task 6	Draft Climate Element with GHG and Resilience Sub-elements	March- May 2025
	<p>Based upon the findings and information from Section 2 and 3:</p> <ul style="list-style-type: none"> Create new comprehensive plan element with GHG and Resilience Sub-elements Develop new and revised policies Ensure new and revised policies cross-reference other comprehensive plan elements. As an example, policies in this element could impact transportation, housing, land use, parks, etc. Review and analyze public comments and input from public engagement efforts Work through legislative process to develop draft goals and policies Make recommendations City Council 	
Deliverable 6	Draft Climate Change Element meeting the requirements of HB 1181	May 31, 2025
Task 7	Final Climate Element with GHG and Resilience Sub-elements	May 31, 2025
	<p>Based upon the findings and information from Section 2 and 3:</p> <ul style="list-style-type: none"> Update comprehensive plan element with GHG and Resilience Sub-elements based on community input 	
Deliverable 7	New Climate Change Element meeting the requirements of HB 1181	May 31, 2025
Task 8	Integration Plan	June 2025
	<ul style="list-style-type: none"> Based upon approved policies, create short integration plan that fits into the draft Comprehensive Plan outlining policy or regulation changes to implement new policies. 	






Deliverable 8	Short report outlining options to implement new policies. This can be utilized when additional grant funds are sought.	June 15, 2025
---------------	--	---------------

Attachment B: Budget

Grant Sections	Grant Amount
Section 1 – Initialize project	\$40,000
Section 2 – Community engagement plan and community engagement	\$75,000
Section 3 – Critical Area and Best Available Science Review for Code Consistency	\$25,000
Section 4 – GHG Emission sources and reduction goals	\$100,000
Section 5 – Climate Resilient sub-element	\$75,000
Section 6 – Draft Climate Element with GHG and Resilience Sub-elements	\$65,000
Section 7 – Final Climate Element with GHG and Resilience Sub-elements	\$20,000
Section 8 – Integration Plan	\$100,000
Contact Total	\$500,000

Internal routing form. Will be deleted after contract fully signed.

Commerce GMS programs - Contract review and routing form		
Reviewer	Name	Initials and Date
Budget Analyst	Corina Campbell	 4/2/2024 1:16 PM PDT
GMS Managing Director	Dave Andersen	 4/2/2024 1:54 PM PDT
Deputy Assistant Director – LGD	Tony Hanson	 4/8/2024 7:21 AM PDT

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Division:

Local Government

Program: Climate

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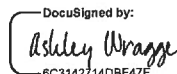
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Ashley Wragge



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awragge@snoqualmiewa.gov

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Tony Hanson
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 Washington State Department of Commerce
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Mark Barkley
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 Assistant Director
 Washington State Department of Commerce
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Signing Complete	Security Checked	4/8/2024 7:47:41 AM
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You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

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To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at docusign@commerce.wa.gov and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

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i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;

ii. send us an email to docusign@commerce.wa.gov and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

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- You can access and read this Electronic Record and Signature Disclosure; and
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- Until or unless you notify Washington State Department of Commerce as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by Washington State Department of Commerce during the course of your relationship with Washington State Department of Commerce.



**Local Government Division
Growth Management Services
2023-2025 Climate Planning Grant**

1. Contractor City of Snoqualmie 38624 SE River Street Snoqualmie, WA 98065		2. Contractor Doing Business As (optional) N/A	
3. Contractor Representative (only if updated) Ashley Wragge awragge@snoqualmiewa.gov		4. COMMERCE Representative (only if updated) Noelle Madera Climate Operations Team Lead 509-818-1040 noelle.madera@commerce.wa.gov	
5. Original Contract Amount (and any previous amendments) \$500,000	6. Amendment Amount No Change	7. New Contract Amount \$500,000	
8. Amendment Funding Source Federal: State: X Other: N/A:		9. Amendment Start Date Date of Execution	10. Amendment End Date June 30, 2025
11. Federal Funds (as applicable): N/A	Federal Agency: N/A	ALN: N/A	
12. Amendment Purpose: Amending the jurisdiction signatory. There are no other changes to the Scope of Work or Budget. This contract is for the development of the Growth Management Act (GMA) climate change and resiliency element requirements related to the implementation of HB 1181.			

COMMERCE, defined as the Department of Commerce, and the Contractor, as defined above, acknowledge and accept the terms of this Contract As Amended and attachments and have executed this Contract Amendment on the date below to start as of the date and year referenced above. The rights and obligations of both parties to this Contract As Amended are governed by this Contract Amendment and the following other documents incorporated by reference: Contractor Terms and Conditions. Any reference in the original Contract to the "Contract" shall mean the "Contract as Amended".

FOR CONTRACTOR

DocuSigned by:

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Katherine Ross, Mayor
 City of Snoqualmie

4/11/2024 | 9:42 AM PDT

Date

FOR COMMERCE

DocuSigned by:

 80312B04865C458...

Mark K. Barkley, Assistant Director
 Local Government Division

4/15/2024 | 8:22 AM PDT

Date

APPROVED AS TO FORM ONLY

Sandra Adix
 Assistant Attorney General

3/20/2014

Date

Amendment

Item 7.

This Contract is **amended** as follows:

- Amending the jurisdictions signatory.
- There are not further changes to the Scope of Work or Budget.

ALL OTHER TERMS AND CONDITIONS OF THIS CONTRACT REMAIN IN FULL FORCE AND EFFECT.



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB23-057
May 28, 2024
Committee Report

Item 8.

AGENDA BILL INFORMATION

TITLE:	FEMA Annual Floodplain Management Plan and Repetitive Loss Area Analysis	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	AB24-057 Adopt Resolution approving the 2024 FEMA Annual Floodplain Management Plan and Repetitive Loss Area Analysis	<input checked="" type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Resolution

REVIEW:	Department Director	Emily Arteche	5/6/2024
	Finance	n/a	Click or tap to enter a date.
	Legal	David Linehan	5/16/2024
	City Administrator	Mike Chambless	Click or tap to enter a date.

DEPARTMENT:	Community Development		
STAFF:	Emily Arteche, Community Development Director		
COMMITTEE:	Community Development	COMMITTEE DATE: May 20, 2024	
EXHIBITS:	1. Resolution with RLAA Final Draft Report		

AMOUNT OF EXPENDITURE \$ n/a

AMOUNT BUDGETED \$ n/a

APPROPRIATION REQUESTED \$ n/a

SUMMARY

INTRODUCTION

This agenda bill is to indicate completion of the City of Snoqualmie's 2024 Floodplain Management Plan and Repetitive Loss Area Analysis (RLAA) with adoption by resolution of the final Draft RLAA.

LEGISLATIVE HISTORY

A Resolution (Res 377) was approved on September 13, 1993. The City Progress Report and recertification documents, AB23-137 were provided to the Community Development Committee on November 20, 2023, and the City Council on November 27, 2023.

BACKGROUND

The Community Rating System (CRS) is a voluntary incentive program that recognizes and encourages community floodplain management practices that exceed the minimum requirements of the [National Flood Insurance Program \(NFIP\)](#). Over 1,500 communities participate nationwide. In CRS communities, like the City of Snoqualmie, flood insurance premium rates are discounted to reflect the reduced flood risk resulting from the community's efforts that address the three (3) goals of the program:

1. Reduce and avoid flood damage to insurable properties.
2. Strengthen and support the insurance aspects of the National Flood Insurance Program.
3. Foster comprehensive floodplain management.

The City must update the background information and the recommendations in its floodplain management plans and repetitive loss area analyses at least every five (5) years. The City of Snoqualmie is required by FEMA Community Rating System program to meet the credit criteria for a Category C Community.

ANALYSIS

The City is currently at a Class 5, under the CRS Credit Points, Classes, and Premium Discounts. Category C repetitive loss communities must conduct a Repetitive Loss Area Analysis. A Repetitive Loss Area Analysis has been completed to satisfy program prerequisites.

BUDGET IMPACTS

N/A

NEXT STEPS

Make a motion to recommend adoption of the 2024 Repetitive Loss Area Analysis (RLAA) at the City Council meeting on May 28, 2024.

PROPOSED ACTION

I move to recommend City Council adoption of the 2024 Repetitive Loss Area Analysis (RLAA) Resolution at the meeting on May 28, 2024.

RESOLUTION NO. 1686

**A RESOLUTION OF THE CITY COUNCIL OF THE
CITY OF SNOQUALMIE, WASHINGTON, ADOPTING
A REPETITIVE LOSS AREA ANALYSIS FOR THE
PERIOD OF 2024-2029.**

WHEREAS, the City of Snoqualmie is required by FEMA Community Rating System (CRS) program to meet the criteria for a Category C Community; and

WHEREAS, a Repetitive Loss Area Analysis has been completed to satisfy program prerequisites; and

WHEREAS, the analysis has been made available on the City's webpage for public input and to meet the publicity requirements of the CRS Activity;

Now, therefore, be it RESOLVED, by the City Council of the City of Snoqualmie, Washington, that the City of Snoqualmie 2024 Repetitive Loss Area Analysis set forth in Exhibit 1 attached hereto, is hereby approved and adopted.

PASSED by the City Council of the City of Snoqualmie, Washington, this 28th day of May, 2024.

Kathrine Ross, Mayor

Attest:

Deana Dean, City Clerk

Approved as to form:

David A. Linehan, Interim City Attorney

2024 Repetitive Loss Area Analysis

Public Document



May 1, 2024

City of Snoqualmie, Washington 2024 Repetitive Loss Area Analysis

May 1, 2024

PREPARED FOR

City of Snoqualmie

38624 SE River Street
Snoqualmie, Washington 98065

PREPARED BY

Tetra Tech, Inc.

415 Oak Street
Kansas City, Missouri 64106

Phone: 816.412.1741
tetratech.com

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City of Snoqualmie, Washington Repetitive Loss Area Analysis

PART 1—PLANNING PROCESS AND PROJECT BACKGROUND

1. INTRODUCTION

1.1 REPETITIVE LOSS PROPERTIES AND THE COMMUNITY RATING SYSTEM

A repetitive loss property is defined by the Federal Emergency Management Agency (FEMA) as a property for which two or more National Flood Insurance Program (NFIP) losses of at least \$1,000 each have been paid within any 10-year rolling period since 1978 (FEMA 2017). From 1978 through 2020, about a quarter of all claims paid under the NFIP nationwide were for repetitive loss properties, even though such properties make up fewer than 2 percent of all NFIP insurance policies (FEMA 2017).

Federal programs such as the Community Rating System (CRS) encourage communities to identify and mitigate the causes of repetitive losses. The first step is to map repetitive loss areas, which are contiguous areas that include one or more properties on FEMA's list of repetitive loss properties and all nearby properties with exposure to the same or similar flooding conditions. FEMA considers listed repetitive loss properties to be indicative of an overall repetitive loss problem that may affect other nearby properties. Designation of repetitive loss areas around listed repetitive loss properties allows an evaluation of actual or potential flooding problems at properties that may not have flood insurance or may have had only a single previous claim. This ensures that all properties with the same exposure to a flood risk are addressed equally.

1.1.1 Requirements for Category C Communities

The CRS, which provides for reduced flood insurance premiums in communities that carry out various flood mitigation activities, requires the following from participating communities with 50 or more repetitive loss properties (Category C communities):

- Prepare a map of repetitive loss areas.
- Review and describe each area's repetitive loss problem.
- Prepare a list of the addresses of all properties in the repetitive loss areas with insurable buildings, which are defined to include the following (FEMA 2020):
 - A structure that is affixed to a permanent site and has two or more outside rigid walls and a fully secured roof
 - A manufactured home (also known as a mobile home) built on a permanent chassis, transported to its site in one or more sections, and affixed to a permanent foundation
 - A travel trailer without wheels, built on a chassis and affixed to a permanent foundation, that is regulated under the community's floodplain management and building ordinances or laws.
- Undertake an annual outreach project to those addresses.
- Prepare a floodplain management plan or area analysis for the repetitive loss areas.

1.1.2 The Repetitive Loss Area Analysis

FEMA prescribes the following five-step process for conducting an area analysis for repetitive loss:

- Step 1—Advise all the property owners in the repetitive flood loss area that the analysis will be conducted.
- Step 2—Contact agencies or organizations that may have plans that could affect the cause or impacts of the flooding.
- Step 3—Collect data on the analysis area and each building in it to determine the causes of the repetitive damage.
- Step 4—Review alternative mitigation approaches and determine whether any property protection measures or drainage improvements are feasible.
- Step 5—Document the findings in a report.

As required under Step 5, it provides the following information:

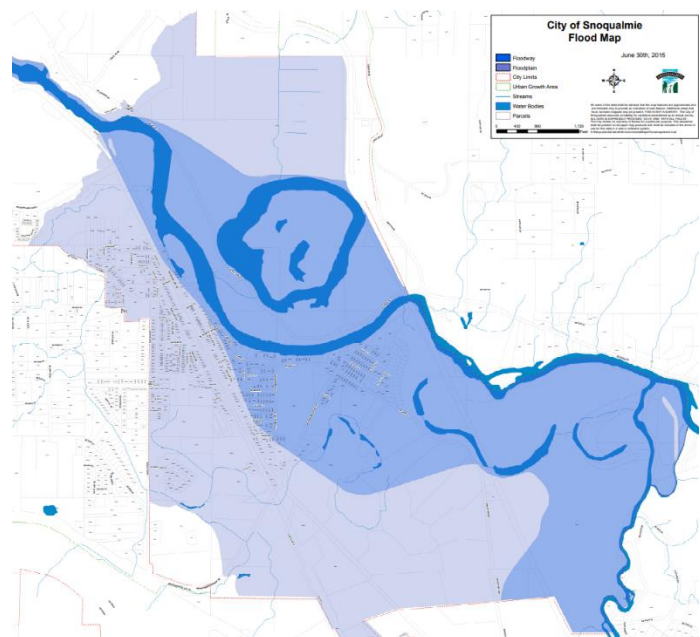
- A summary of the process followed
- Problem statements with maps for each area
- A table of basic information about each building in the area
- A description of alternative approaches considered to address the problem
- A set of recommended action items to address the problem

1.2 CITY OF SNOQUALMIE REPETITIVE LOSS AREA ANALYSIS

King County, Washington (County) prepared a King County Regional Hazard Mitigation Plan (RHMP) in 2020. The county in partnership with the City of Snoqualmie (City) along with local governments within the county, participated in the RHMP. The City of Snoqualmie, as a planner partner, is represented in Volume 2 of the RHMP. The plan addressed general flooding problems and identified possible solutions for individual homeowners. However, the plan did not include all required procedures for CRS Step 5c as outlined in the *2017 Community Rating System Coordinator's Manual*.

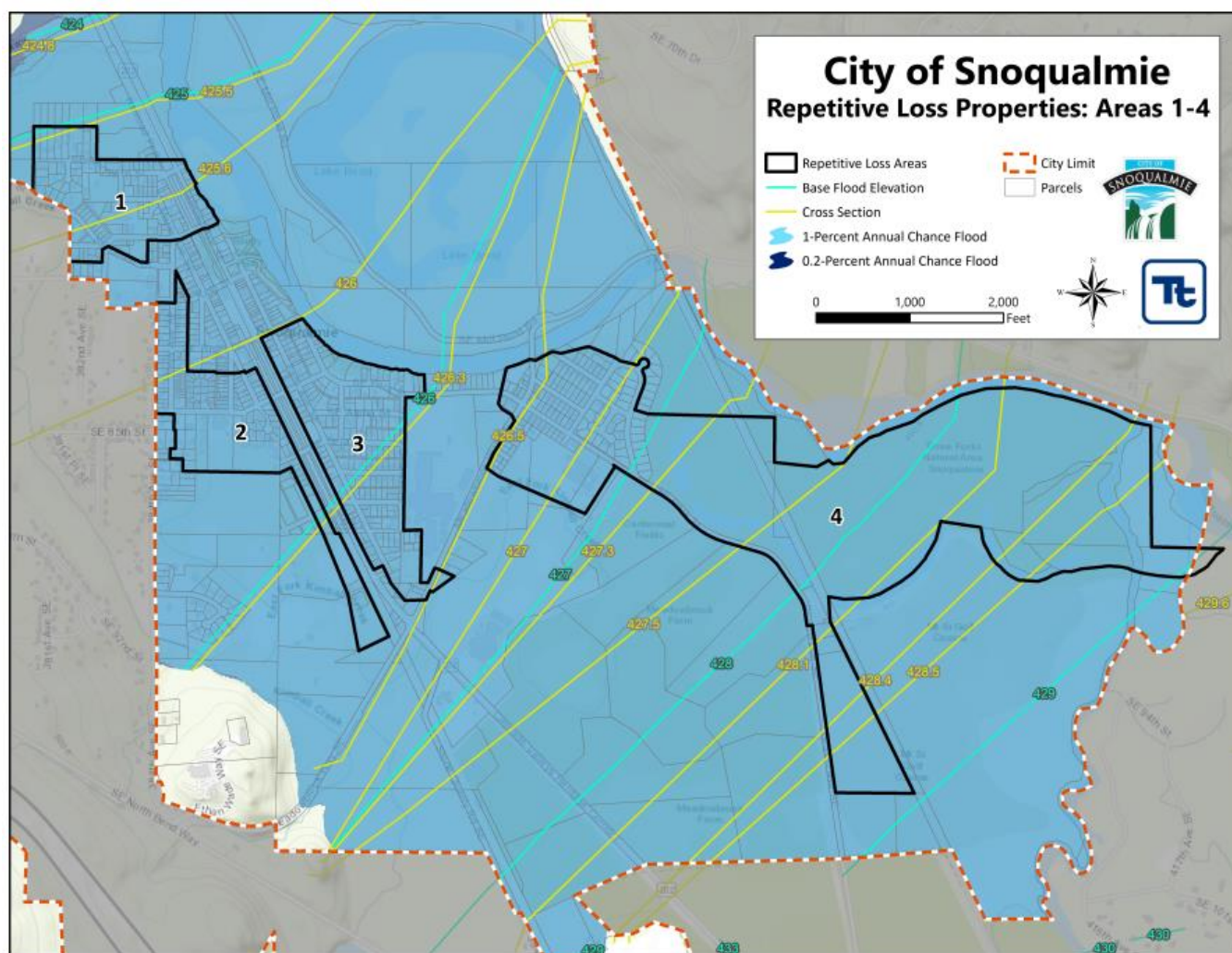
This report documents the fulfillment of the CRS requirements for Category C communities, following the five-step area-analysis process for a CRS Activity 510- Repetitive Loss Area Analysis (RLAA). It is the goal to include the RLAA under the City's RHMP Appendix in partnership with the King County 2024/2025 plan update.

Individual properties and structures are counted and described in the RLAA, but specific address information is withheld under the Federal Privacy Act of 1974. A separate document on file with the City for internal use only correlates the property ID numbers presented here with specific address information.



FEMA's last report on November 14, 2022, designated 198 repetitive loss properties (RLPs) within the City RL database. Upon review of each RL parcel, the following represents the current RL status:

- 198 repetitive loss properties identified from FEMA Region 10 CRS RL data.
- 38 repetitive loss properties are identified as “mitigated” from King County Tax Assessor’s records by permitting demolition, new construction, and structural elevation.
- 22 addressed on the RL data are within King County corporate limits.



The updated RL properties have been remapped into 4 existing CRS program repetitive loss areas, and an analysis has been conducted for each area. Table 1-1 summarizes the total 198 properties, along with the dates of flooding events and the flood insurance claims filed for each since 1978. This includes RLP within the City’s corporate limits and within neighboring King County. For reporting purposes, the King County RL data is for reference and represents the reach of the flooding sources within the area.

King County's RHMP summarizes the source of flooding associated with the large data set of claims based in 2006 and 2009.

*Flooding is a prevalent threat during the fall and winter months due to atmospheric rivers, heavy rain, and king tides. Major floods occur on average every two to five years. Major river flooding has typically not caused fatalities, but rather significant property damage. **Flooding along multiple rivers in 2006 and 2009 were the most recent major floods to cause many millions of dollars in damage.** Flooding in 1990 is considered the largest flood of record for most of the county except for the Lower Snoqualmie and Tolt Rivers. There have been 28 flooding events since 1965 that have resulted in federal disaster declarations. At least minor flooding occurs every winter. Climate change is likely to have a significant effect in changing the patterns of flooding in the river basins.*

All of the RLPs suffered flooding damage at least twice in the defined CRS RL data provided by FEMA Region 10. Table 1-1, represents the total 198 RLPs represented in the 2022 RLP data. Specific to the RLPs data provided by FEMA, a majority of the date of losses coordinate with specific historical flood events 2006 and 2009 that impacted the City and County. FEMA Repetitive loss properties identification numbers were utilized in Table 1-1. These are unique identifiers to protect specific data under PII. The table represents the RL areas where parcels are located. Where an RL area is not identified, it is a parcel identified to be within the corporate limits of King County.

Table 1-1. 2022 Historical Repetitive Loss Properties Represented in the City of Snoqualmie's FEMA Data (City and County)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
93570		2	9699.99	Y	N	Vacant	
183038	4	3	176096.13	Y	N	Crawl Space	Golf Course
185243	2	3	213951.57	Y	Y	Basement	Single Family(Res Use/Zone)
289011	3	2	55632.33	Y	N	Crawl Space	Single Family(Res Use/Zone)
56211		2	8174.28	Y	N	Basement	Single Family(Res Use/Zone)
7493	2	5	179364.51	Y	Y	Crawl Space	Single Family(Res Use/Zone)
82028	3	5	68654.56	Y	Y	Vacant	Single Family(Res Use/Zone)
184107	3	2	6637.87	Y	N	Basement	Single Family(Res Use/Zone)
183961	3	2	15031.66	Y	N	Vacant	Single Family(Res Use/Zone)
184618	3	2	86111.56	Y	N	Crawl Space	Single Family(Res Use/Zone)
184978	3	2	8482.9	Y	N	Crawl Space	Single Family(Res Use/Zone)
288598	3	2	24344.99	Y	N	Crawl Space	Single Family(Res Use/Zone)
184025	3	2	125216.12	Y	Y	Crawl Space	Single Family(Res Use/Zone)
185043		2	222183.11	Y	N	Basement	Single Family(Res Use/Zone)
184452	3	2	35255.05	Y	N	Crawl Space	Single Family(Res Use/Zone)
183863	3	2	47724.76	Y	N	Basement	Single Family(Res Use/Zone)
85770	3	4	58758.01	Y	N	Basement	Single Family(Res Use/Zone)
184924		2	121601.97	Y	N	Crawl Space	Single Family(Res Use/Zone)
85767	3	4	138359.85	Y	Y	Basement	Single Family(Res Use/Zone)
75578	3	4	93606.15	Y	N	Basement	Single Family(Res Use/Zone)
54726	3	6	89852.36	Y	Y	Basement	Single Family(Res Use/Zone)
73788		3	37149.7	Y	N	Vacant	Single Family(Res Use/Zone)
75560	3	4	22496.8	Y	N	Crawl Space	Single Family(Res Use/Zone)
75586	3	4	92948.54	Y	Y	Basement	Single Family(Res Use/Zone)
184083	3	2	88873.6	Y	N	Basement	Duplex
183520	3	2	55730.68	Y	N	Basement	Duplex
184053	3	2	120176.98	Y	N	Crawl Space	Single Family(Res Use/Zone)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
83878		2	31013.62	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184055	3	2	69462.85	Y	N	Crawl Space	Single Family(Res Use/Zone)
184387	3	2	79656.3	Y	N	Crawl Space	Single Family(Res Use/Zone)
183895	3	2	26573.42	Y	N	Crawl Space	Single Family(Res Use/Zone)
184439	3	2	188428.66	Y	Y	Basement	Single Family(Res Use/Zone)
169177		3	111281.22	Y	N	Basement	Single Family(Res Use/Zone)
69307	2	4	36491.01	Y	N	Basement	Single Family(Res Use/Zone)
185120	4	2	75922.6	Y	N	Basement	Single Family(Res Use/Zone)
169181		3	68045.24	Y	N	Basement	Single Family(Res Use/Zone)
168812	3	3	78510.36	Y	N	Crawl Space	Single Family(Res Use/Zone)
184056	3	2	70238.75	Y	N	Crawl Space	Single Family(Res Use/Zone)
184670	3	2	15174.05	Y	N	Basement	Single Family(Res Use/Zone)
296971		1	9171.69	N	Y	Basement	Single Family(Res Use/Zone)
184106	4	2	66247.41	Y	N	Crawl Space	Single Family(Res Use/Zone)
184478		3	120917.62	Y	N	Basement	Single Family(Res Use/Zone)
183003	4	3	17680.56	Y	N	Basement	Single Family(Res Use/Zone)
184571	2	2	31112.44	Y	N	Crawl Space	Single Family(Res Use/Zone)
69305	3	2	32993.85	Y	N	Vacant	4-Plex
184152	2	2	52664.6	Y	N	Crawl Space	Single Family(Res Use/Zone)
184029	3	2	75830.41	Y	N	Crawl Space	Single Family(Res Use/Zone)
182088	4	3	26148.03	Y	N	Basement	Single Family(Res Use/Zone)
184639	4	2	11337.79	Y	N	Crawl Space	Single Family(Res Use/Zone)
184447	4	2	159667.61	Y	N	Basement	Single Family(Res Use/Zone)
184103	2	2	47043.27	Y	N	Basement	Single Family(Res Use/Zone)
184390	4	3	11520.57	Y	N	Basement	Single Family(Res Use/Zone)
168822	4	3	137174.18	Y	N	Basement	Single Family(Res Use/Zone)
184620	2	2	103210.11	Y	N	Basement	Single Family(Res Use/Zone)
184641	4	2	16220.88	Y	N	Basement	Single Family(Res Use/Zone)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
184051	2	2	34278.73	Y	N	Basement	Single Family(Res Use/Zone)
183869	2	3	92211.06	Y	N	Basement	Single Family(Res Use/Zone)
184603	3	2	39074.85	Y	N	Vacant	Daycare Center
80560	2	4	261976.45	Y	Y	Crawl Space	Single Family(Res Use/Zone)
11308		6	117008.07	Y	N	Basement	Single Family(Res Use/Zone)
184588	4	2	189309.11	Y	Y	Basement	Single Family(Res Use/Zone)
75567		2	34066.72	Y	N	Vacant	Vacant(Single-family)
81814		2	23519.13	Y	Y	Vacant	Vacant(Single-family)
184489		3	68571.52	Y	N	Basement	Single Family(Res Use/Zone)
183917		2	61500	Y	N	Crawl Space	Single Family(Res Use/Zone)
168523		3	99037.69	Y	N	Crawl Space	Single Family(Res Use/Zone)
168819	4	3	89611.41	Y	N	Basement	Single Family(Res Use/Zone)
80556	2	5	76557.85	Y	Y	Basement	Single Family(Res Use/Zone)
183320	4	3	22554.22	Y	N	Basement	Single Family(C/I Zone)
184964	2	3	35543.26	Y	N	Crawl Space	Single Family(Res Use/Zone)
84882	4	5	21651.29	Y	N	Basement	Single Family(Res Use/Zone)
85695	4	5	48903.63	Y	N	Basement	Single Family(Res Use/Zone)
184565	3	2	56649.34	Y	Y	Basement	Single Family(Res Use/Zone)
299493	3	2	65721.04	Y	N	Crawl Space	Single Family(C/I Use)
184945	3	2	54025.54	Y	N	Crawl Space	Single Family(Res Use/Zone)
168965	4	3	19265.09	Y	N	Crawl Space	Single Family(Res Use/Zone)
184094	3	2	221167.41	Y	N	Basement	Single Family(Res Use/Zone)
184145	2	2	36270.66	Y	N	Basement	Single Family(Res Use/Zone)
184388	3	2	46426.87	Y	N	Crawl Space	Single Family(Res Use/Zone)
182117	4	3	48475.17	Y	N	Basement	Single Family(Res Use/Zone)
183866	4	3	194528.36	Y	N	Basement	Single Family(Res Use/Zone)
307890	4	2	9985.75	Y	N	Basement	Single Family(Res Use/Zone)
82007	4	6	38638.07	Y	Y	Basement	Single Family(Res Use/Zone)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
75579	4	3	21550.5	Y	N	Basement	Single Family(Res Use/Zone)
69312	3	3	129034.9	Y	N	Crawl Space	Single Family(Res Use/Zone)
316	3	4	69130.53	Y	Y	Basement	Single Family(Res Use/Zone)
73908	4	2	65509.18	Y	N	Basement	Single Family(Res Use/Zone)
184384	3	2	15253.13	Y	N	Crawl Space	Single Family(Res Use/Zone)
73839	4	5	25825.54	Y	N	Basement	Single Family(Res Use/Zone)
184987	2	2	18193.98	Y	N	Crawl Space	Single Family(Res Use/Zone)
80811	3	6	61100.52	Y	Y	Crawl Space	Single Family(Res Use/Zone)
77813	4	3	54991.56	Y	N	Basement	Single Family(Res Use/Zone)
183909	3	2	59314.73	Y	N	Basement	Single Family(Res Use/Zone)
184153	3	3	218225.39	Y	Y	Basement	Single Family(Res Use/Zone)
183910	2	2	4826.04	Y	N	Basement	Single Family(Res Use/Zone)
181128	4	4	31931.06	Y	N	Basement	Single Family(Res Use/Zone)
74189	3	4	104930.69	Y	N	Crawl Space	Single Family(Res Use/Zone)
186174	2	2	4510.22	Y	N	Basement	Single Family(Res Use/Zone)
184633	4	2	6785.22	Y	N	Basement	Single Family(Res Use/Zone)
184488		2	103794.3	Y	N	Basement	Single Family(Res Use/Zone)
184163	2	2	5149.71	Y	N	Crawl Space	Single Family(Res Use/Zone)
168945	3	3	64409.4	Y	N	Crawl Space	Single Family(Res Use/Zone)
88181	4	4	13337.36	Y	N	Basement	Single Family(Res Use/Zone)
184104	4	2	75185.75	Y	N	Crawl Space	Apartment(Mixed Use)
82350	3	4	554367.47	Y	Y	Crawl Space	Church/Welfare/Relig Srv
184662	3	2	38711.93	Y	N	Crawl Space	Single Family(Res Use/Zone)
318100	3	2	25209.16	Y	Y	Vacant	Single Family(Res Use/Zone)
77839	3	5	174914.99	Y	Y	Basement	Single Family(Res Use/Zone)
80555	3	4	137059.18	Y	Y	Basement	Single Family(Res Use/Zone)
80652	4	6	352329.52	Y	Y	Basement	Single Family(Res Use/Zone)
80554	4	3	19210.42	Y	N	Vacant	Vacant(Commercial)
184065	4	2	60172.18	Y	N	Vacant	Vacant(Commercial)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
184082	4	2	8885.37	Y	N	Basement	Single Family(Res Use/Zone)
83308	4	2	6842.2	Y	N	Basement	
28377	4	2	42440.18	Y	N	Basement	
48559	4	2	34485.55	Y	N	Vacant	
184627	4	2	16569.05	Y	N	Basement	Single Family(Res Use/Zone)
184033	2	2	12463.61	Y	N	Basement	Single Family(Res Use/Zone)
184385	4	2	10462.48	Y	N	Crawl Space	Single Family(Res Use/Zone)
56942	4	4	103813.26	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184500	2	2	16500.64	Y	N	Basement	Single Family(Res Use/Zone)
69306	3	5	198553.39	Y	Y	Crawl Space	4-Plex
184982	4	2	33923.04	Y	N	Basement	Single Family(Res Use/Zone)
181347	2	3	54117.92	Y	N	Basement	Single Family(C/I Zone)
183039	3	5	35418.62	Y	N	Basement	Single Family(Res Use/Zone)
184671	3	2	29544.22	Y	N	Crawl Space	Single Family(Res Use/Zone)
184142	2	2	8942.49	Y	N	Crawl Space	Single Family(Res Use/Zone)
2457	4	3	58426.76	Y	N	Basement	Single Family(Res Use/Zone)
28378	4	5	53594.58	Y	N	Basement	Single Family(Res Use/Zone)
56990	4	3	48728.52	Y	N	Basement	Single Family(Res Use/Zone)
184164	4	2	28489.76	Y	N	Basement	Single Family(Res Use/Zone)
183897	2	2	73361.39	Y	N	Basement	Single Family(Res Use/Zone)
184157	4	2	36113.41	Y	N	Basement	Single Family(Res Use/Zone)
69310	4	10	96864.63	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184134	4	2	13668.13	Y	N	Basement	Single Family(Res Use/Zone)
184440	4	2	17851.48	Y	N	Basement	Single Family(Res Use/Zone)
80558	4	5	18792.08	Y	N	Basement	Single Family(Res Use/Zone)
80913	4	2	9156.72	Y	N	Vacant	
184009	2	2	6502.6	Y	N	Crawl Space	Single Family(Res Use/Zone)
75589	4	2	2655.99	Y	N	Basement	Single Family(Res Use/Zone)

City of Snoqualmie, Washington Repetitive Loss Area Analysis

184802	4	2	163739.63	Y	N	Introduction Crawl Space	Single Family(Res Use/Zone)
286885	4	2	29316.23	Y	N	Basement	Single Family(Res Use/Zone)
73909	4	2	31902.72	Y	N	Basement	Single Family(Res Use/Zone)
88180	3	2	23983.48	Y	Y	Crawl Space	Park, Public(Zoo/Arbor)
184086	2	2	87801.9	Y	N	Basement	Single Family(Res Use/Zone)
74147	4	4	22419.09	Y	N	Basement	Single Family(Res Use/Zone)
183865	3	3	70240.92	Y	N	Crawl Space	Single Family(C/I Zone)
184227	2	2	73487.73	Y	N	Crawl Space	Single Family(Res Use/Zone)
183829	2	2	69270.88	Y	N	Basement	Single Family(Res Use/Zone)
183843	2	2	11245.28	Y	N	Crawl Space	Single Family(Res Use/Zone)
184389	3	2	113276.52	Y	N	Crawl Space	Apartment
184584	2	2	59208.24	Y	N	Basement	Single Family(Res Use/Zone)
75572		3	93461.07	Y	N	Basement	Single Family(Res Use/Zone)
184095	2	2	23045.51	Y	N	Basement	Single Family(Res Use/Zone)
184665	1	2	10890	Y	N	Basement	Single Family(Res Use/Zone)
28312	1	5	333910.35	Y	Y	Basement	Single Family(Res Use/Zone)
184117	1	2	11889.41	Y	N	Vacant	4-Plex
69311	1	4	52200.37	Y	N	Basement	Single Family(Res Use/Zone)
184144	1	2	74920.25	Y	N	Basement	Single Family(Res Use/Zone)
84746	1	2	34146.12	Y	Y	Basement	Single Family(Res Use/Zone)
7817	1	4	25803.03	Y	N	Basement	Duplex
184979	1	2	11546.23	Y	N	Basement	Single Family(Res Use/Zone)
184386	1	3	72226.42	Y	N	Basement	Single Family(Res Use/Zone)
184579	1	2	10639.38	Y	N	Crawl Space	Single Family(Res Use/Zone)
184049	1	2	36398.65	Y	N	Basement	Single Family(Res Use/Zone)
183874	1	2	48719.91	Y	N	Crawl Space	Single Family(Res Use/Zone)
184625	1	2	11577.49	Y	N	Crawl Space	Single Family(Res Use/Zone)
288603	1	2	13524.23	Y	N	Basement	Single Family(Res Use/Zone)
75559		2	13250.66	Y	N	Basement	
184951	1	2	73251.15	Y	N	Crawl Space	Single Family(Res Use/Zone)
183877	1	3	230795.95	Y	Y	Basement	Single Family(Res Use/Zone)
11316		2	30917.93	Y	N	Basement	Single Family(Res Use/Zone)
85753		3	129976.12	Y	N	Basement	Single Family(Res Use/Zone)

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
184068	1	2	42687.99	Y	N	Vacant	Daycare Center
316816	1	2	9724.24	Y	N	Vacant	Daycare Center
316857	1	2	9448.5	Y	N	Vacant	Daycare Center
75561	1	4	45171.92	Y	Y	Basement	Single Family(Res Use/Zone)
169180	1	3	123127.7	Y	N	Basement	Single Family(Res Use/Zone)
77182	1	2	17331.68	Y	Y	Basement	Single Family(Res Use/Zone)
85984	1	3	26565.59	Y	N	Basement	Single Family(Res Use/Zone)
184093	1	2	10350.4	Y	N	Basement	Single Family(Res Use/Zone)
185042	1	2	203999.45	Y	Y	Basement	Single Family(Res Use/Zone)
78064	1	5	32122.95	Y	N	Basement	Single Family(Res Use/Zone)
73802	1	4	193660.96	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184605	1	2	5112.98	Y	N	Basement	Single Family(Res Use/Zone)
53181	1	6	132837.18	Y	Y	Crawl Space	Single Family(Res Use/Zone)
6958	1	5	30575.06	Y	N	Crawl Space	Single Family(Res Use/Zone)
183815	1	2	10331.62	Y	N	Crawl Space	Single Family(Res Use/Zone)
75558	1	3	84662.9	Y	N	Basement	Single Family(Res Use/Zone)
80557	1	2	27495.21	Y	N	Basement	Single Family(Res Use/Zone)
81804	1	4	81985.78	Y	N	Basement	Single Family(Res Use/Zone)
183831	1	2	89634.32	Y	N	Basement	Single Family(Res Use/Zone)
168524	1	3	147516.27	Y	N	Crawl Space	Single Family(Res Use/Zone)
184681	1	2	56077.39	Y	N	Basement	Single Family(Res Use/Zone)
184937	1	3	53952.44	Y	N	Crawl Space	Single Family(Res Use/Zone)
183789	1	2	47839.32	Y	N	Basement	Single Family(Res Use/Zone)
169025	1	3	25828.05	Y	N	Crawl Space	Single Family(Res Use/Zone)
184169	1	2	10407.09	Y	N	Crawl Space	Single Family(Res Use/Zone)
44463		2	21249.9	Y	N	Vacant	Vacant(Commercial)

2. REPETITIVE LOSS AREA ANALYSIS METHODOLOGY

2.1 BASIC REQUIREMENTS

There are two key sets of requirements to be met for a repetitive loss area analysis (RLAA):

- **Repetitive loss area mapping** requirements contained in Section 503 of the *CRS Coordinator's Manual* and in the supplemental publication, *Mapping Repetitive Loss Areas* (FEMA 2015).
- **Building data collection** requirements contained in Section 512.b of the CRS Coordinator's Manual (FEMA 2017):
 - Review each building in the repetitive loss area and collect basic data.
 - Collect data that is sufficient to make a preliminary determination of the cause of the repetitive flooding and of mitigation measures that would be appropriate to address the problem. This usually includes a review of drainage patterns around the building, the condition of the structure, and the condition and type of foundation.
 - The person conducting the review should not have to enter the property—adequate information should be collected from observations and other data.
 - Floor elevations or historical flood levels are not required, but can be helpful if available.
 - The date of each building's insurance claim can help identify the cause of flooding (e.g., rainfall, hurricane or overbank flooding). The amount of the claim can help determine the amount of damage. Every community should request repetitive loss data including its historical insurance claims. This includes single-claim properties.

More information on building data can be found in *Selecting Appropriate Mitigation Measures for Floodprone Structures* (FEMA-551).

2.2 REVERSE DAMAGE FUNCTION METHODOLOGY (INITIAL IDENTIFICATION)

Rationale for Alternative Approach

For the City's RLAA, building data collection requirements were met using an alternative to the approach outlined in the CRS Coordinator's Manual. The RLAA planning team selected the alternative approach—a “reverse damage function” methodology—for initial identification of repetitive loss areas for the following reasons:

- The City received a formal update of its repetitive loss data from FEMA in November 2022 from FEMA Region 10. This was the last official dataset available for this RLAA.
- A Level 2, user-defined flood model using Hazus-MH, version 6.1 was constructed using State data. The County Assessor's data provided key building attributes to model flood risk, such as date of construction, foundation type, occupancy class, and permit history. The detailed model data allowed the use of the selected alternative approach.

Description of Selected Approach

The selected reverse damage function approach used available data and capabilities to prepare the RLAA. The alternative approach achieves the same objectives as the approach prescribed in the 2017 CRS Coordinator's Manual (Section 512b), while providing the City a better protocol for maintaining data in the future to identify properties in a defined repetitive loss area and determine the cause of repetitive flooding. This data can then be used for possible grant opportunities.

The reverse damage function approach is a quantitative process. It uses an existing model to apply the principles of the "depth-damage function," which is the cornerstone of risk assessment in FEMA's Hazus-MH and Benefit-Cost Analysis programs. Both of these programs estimate damage using curves that show the percentage of asset value that will be damaged as a function of the depth of floodwaters. These depth-damage curves are well-established as a basis for estimating losses caused by flooding.

The reverse damage function methodology uses known values of damage from a flood event, based on filed claims, to estimate what the floodwater depth was for that event. The following protocol was followed:

- The City redefined their CRS Activity 503- Repetitive Loss Areas. The 4 previously identified RL areas remain with a reduction of parcels to each RL area inventory. The City has a proactive outreach program with social media efforts, mailers, and messaging. Updating the RLA inventory reduced the substantial cost of hard copy mailing. The City applied a 100' buffer to each RL parcel and captured the data within the buffer to create an updated RL inventory and updated RL mailing list.
- Each repetitive loss property from the FEMA 2022 data set was mapped in GIS to look for possible groupings based on proximity. The GIS mapping was based on the LiDAR-generated digital elevation model. This digital elevation model has a 3-foot resolution.
- The average loss for each repetitive-loss (RL) property was determined by taking the average of all claims for that property.
- Replacement cost for each structure was calculated by applying the size and construction class for each RL property to the construction-cost-per-square-foot tables in *2015 BNi Home Builder's Costbook* (Building News International, 2015).
- The percent damage "X" was calculated as:

$$X = Z \div Y$$
 where:
 X is the percent damage (to be determined)
 Y is the replacement cost of the structure (based on assessor information)
 Z is the estimated loss (based on the flood insurance claim)
- Once the percent damage was determined, the corresponding flood depth was determined by looking at the U.S. Army Corps of Engineers 2003 *Generic Depth-Damage Relationships for Residential Structures* (see Appendix A). These are the same damage functions contained in FEMA's Hazus-MH and BCAR platforms. They represent projected flood depths above the top of the finished floor.
- The determined flood depth was applied to the repetitive loss structure. Using the foundation type determined using Google Street View Pro and assuming crawl space foundations for any structures not visible in that application, the depth was added to the top of the finished floor. For a structure with a slab foundation, the top of the finished floor was set at 8 inches above adjacent grade. For a structure with a crawlspace foundation, the finished floor was set at 24 inches above adjacent grade. These parameters are based on standard building practices.
- Once the depth was applied to the finished floor, it was extended across the digital elevation model until it ran to zero depth (high ground) and a boundary was delineated. These boundaries were projected north, south, east and west for each property. In areas with multiple RL properties, the property with the highest

depth above finished floor was used for this exercise.

- The boundary for each repetitive loss area was intersected with an ortho-photo and parcel boundary map. Each parcel with a structure within the delineated boundary was determined to be a property potentially subjected to repetitive flooding.
- Property condition assessments were included in existing assessor's data, which were used for this RLAA.

The final step was to determine the cause of flooding, considering the following findings from the initial identification, mapping, and historical flooding source. Utilizing this methodology and City guidance, 4 repetitive loss areas were reconfirmed. Water surface elevation 411.0 was identified as a common factor across the 4 repetitive loss areas. A combination of high annual precipitation and melting snow in the upper Snoqualmie River basin contributes to the potential for seasonal flooding. Floodwaters collect on the flat valley floor where Snoqualmie is located. Flooding is rooted at the main stem and the south fork of the Snoqualmie River and Kimball Creek. Downstream of the city, the main stem of the Snoqualmie River is forced through a narrow opening before discharging over Snoqualmie Falls. Kimball Creek, a tributary to the Snoqualmie River, runs through the city. Kimball Creek backs up and floods its drainage area as a result of the high water level in the river.

2.3 SECONDARY IDENTIFICATION

Once the initial identification of the repetitive loss areas was completed using the reverse-damage-function methodology, the planning team performed a secondary review of each repetitive loss area based on three questions about each area:

- Is there really a repetitive loss problem in this area, based on local knowledge?
- Does the list of properties make sense based on what we know about the area?
- Does the City have any additional qualifying data on the area to justify adding or removing properties?

This secondary review included the following aspects of each structure considered for inclusion in a repetitive loss area:

- **Structure condition**—To assess the condition of the structures in the repetitive loss areas, the planning team relied on the King County Assessor's data.
- **Foundation type**—There are generally four types of foundations (see Figure 2-1):
 - A slab foundation is usually concrete poured directly onto the ground. This type of foundation uses concrete rather than wood to help support the weight of the home.
 - A crawlspace, or raised foundation, is built above the ground, with just enough room to crawl underneath. There are stem walls on the perimeters, pierced in-between, with a girder system and floor joists on top of that. The foundation is high enough to leave at least 2 feet below to crawl into for access to the home's mechanical systems.
 - Basement, any area of the building having its floor subgrade (below ground level) on all sides.
 - Elevated structure supporting beams and columns with lowest floor above the FEMA elevation.
 - Elevated structure with enclosure (allowed based on zoning and enclosure size).

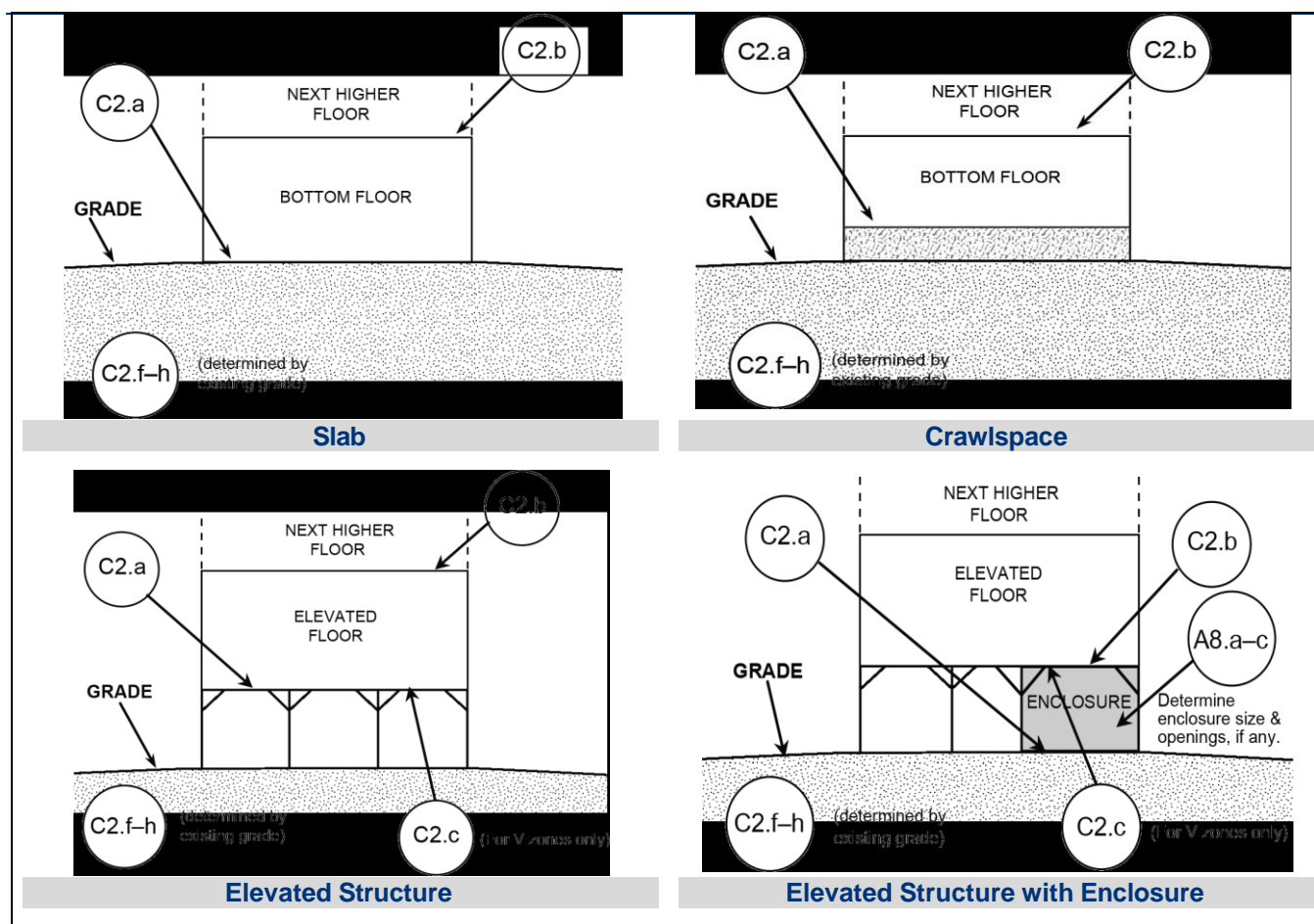


Figure 2-1. Foundation Types

Adjustments were made after applying this review to each repetitive loss area. Based on the analysis, there are **373 properties in 4 repetitive loss areas**. This became the final repetitive loss area mailing list for the City of Snoqualmie.

Many properties outside the special flood hazard area do not have flood insurance and are not required to do so. However, structures identified in the analysis as having conditions similar to those of FEMA-identified RL properties will be encouraged to seek insurance as part of the City outreach efforts.

3. REPETITIVE LOSS AREAS OUTREACH

3.1 CRS OUTREACH REQUIREMENTS FOR RLAA

RLAA Step 1 (2017 CRS Coordinator's Manual Section 512.b) requires notification that an analysis is being conducted to all properties in the repetitive loss areas, with a request for input on the hazard and recommended actions. The notice (or any public document) must not identify which properties are on FEMA's repetitive loss list. There are no restrictions on publicizing what properties are in repetitive loss areas that have more than one property and there are no restrictions on publishing aggregate data, such as how many properties received claims or the average value of those claims. Planning staff may share insurance claim information with the owner of a property but may not make it available to anyone else.

- The notice can be sent to owners OR residents, at the community's discretion, as long as a representative of each property is notified.
- The notice cannot be done via a newspaper or newsletter notice or article.
- The notice must advise the recipients when and how copies of the draft report can be obtained and ask for their comments on the draft.

Several methods were deployed to engage repetitive loss area property owners during the course of this RLAA process. This chapter highlights those efforts.

RLAA Step 2 requires contact with agencies or organizations that may have plans or studies that could affect the cause or impacts of the flooding. The analysis report must identify contacted agencies and organizations.

3.2 RLAA OUTREACH EFFORT

This Repetitive Loss Area Analysis is considered by the City of Snoqualmie to meet the prerequisite of the CRS. After consulting with ISO and the courtesy review of the hazard mitigation plan, it was determined the RLAA was required. Further discussion with the CRS contractor, Tetra Tech made a coordinated effort with properties within the 4 RLAs and the below-listed agencies for their input to satisfy RLAA Step 2. All precautions had been taken to observe and follow the Privacy Act.

Contact with Agencies and Organizations

The following agencies were identified as direct stakeholders within the planning area and were invited to participate in the planning process by providing studies or plans related to the Snoqualmie River Basin that may be pertinent to the RLAA development.

1. City of Snoqualmie Community Development Department
2. King County Flood Control District
3. King County Water and Land Resources Division
4. Haulie Insurance
5. Army Corp of Engineers, Seattle District
6. Salmon Recovery Manager, Snoqualmie Watershed Forum
7. Washington State Military Department, State Hazard Mitigation Officer

3.3 REPETITIVE LOSS AREA SPECIFIC OUTREACH

Properties identified within the redefined 4 repetitive loss areas were notified by RLA letter that upon the completion of a draft of this report, the City would make available the RLAA on the Community Development webpage. Residents in each repetitive loss area were informed where and how they would be able to review it, and where and how they might submit comments regarding it. Comments associated with the 2024 RLAA will be utilized in the annual progress report. In addition to the RLAA letter, the City utilized Survey Monkey to collect data from citizens, social media posting, and an RLAA information flier with the Survey Monkey link was made available at the library as static material. The communication document is shown in Appendix B.

4. RELEVANT PROGRAMS AND REGULATIONS

Existing laws, ordinances and plans at the federal, state and local level can support or impact hazard mitigation initiatives identified in this plan. Hazard mitigation plans are required to include a review and incorporation, if appropriate, of existing plans, studies, reports, and technical information as part of the planning process, as stated in 44 CFR, Section 201.6(b)(3). Pertinent federal, state, and local laws are described below.

4.1 RELEVANT FEDERAL AND STATE AGENCIES, PROGRAMS AND REGULATIONS

State and federal regulations and programs that need to be considered in hazard mitigation are constantly evolving. For this plan, a review was performed to determine which regulations and programs are currently most relevant to hazard mitigation planning. The findings are summarized in Table 4-1 and Table 4-2. The summary is not all-inclusive of State and Federal regulatory programs and regulations.

Table 4-1. Summary of Relevant Federal Agencies, Programs and Regulations

Agencies	Hazard Mitigation Area Affected	Relevance
Americans with Disabilities Act	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable federal acts.
Bureau of Land Management	Wildfire Hazard	The Bureau funds and coordinates wildfire management programs and structural fire management and prevention on Bureau lands.
Civil Rights Act of 1964	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable federal acts.
Clean Water Act	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable federal acts.
Community Development Block Grant Disaster Resilience Program	Action Plan Funding	This is a potential alternative source of funding for actions identified in this plan.
Community Rating System	Flood Hazard	This voluntary program encourages floodplain management activities that exceed the minimum National Flood Insurance Program requirements.
Disaster Mitigation Act	Hazard Mitigation Planning	This is the current federal legislation addressing hazard mitigation planning.
Emergency Relief for Federally Owned Roads Program	Action Plan Funding	This is a possible funding source for actions identified in this plan.
Emergency Watershed Program	Action Plan Funding	This is a possible funding source for actions identified in this plan.
Endangered Species Act	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable federal acts.
Federal Energy Regulatory Commission Dam Safety Program	Dam Failure Hazard	This program cooperates with a large number of federal and state agencies to ensure and promote dam safety.

Agency, Program or Regulation	Hazard Mitigation Area Affected	Relevance
Federal Wildfire Management Policy and Healthy Forests Restoration Act	Wildfire Hazard	These documents mandate community-based collaboration to reduce risks from wildfire.
Hazard Mitigation Assistance Grant Programs	Action Plan Implementation	These programs are potential sources of funding for the implementation of mitigation actions recommended in this plan
National Dam Safety Act	Dam Failure Hazard	This act requires a periodic engineering analysis of most dams in the country
National Environmental Policy Act	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable federal acts.
National Fire Plan (2001)	Wildfire Hazard	This plan calls for joint risk reduction planning and implementation by federal, state and local agencies.
National Flood Insurance Program	Flood Hazard	This program makes federally backed flood insurance available to property owners in exchange for communities enacting floodplain regulations
National Incident Management System	Action Plan Development	Adoption of this system for government, nongovernmental organizations, and the private sector to work together to manage incidents involving hazards is a prerequisite for federal preparedness grants and awards
Presidential Executive Order 11988, Floodplain Management	Flood Hazard	This order requires federal agencies to avoid long and short-term adverse impacts associated with modification of floodplains
Presidential Executive Order 11990 (Protection of Wetlands)	Action Plan Implementation	FEMA hazard mitigation project grant applications require full compliance with applicable presidential executive orders.
U.S. Army Corps of Engineers Dam Safety Program	Dam Failure Hazard	This program is responsible for safety inspections of dams that meet size and storage limitations specified in the National Dam Safety Act.
U.S. Army Corps of Engineers Flood Hazard Management	Flood Hazard, Action Plan Implementation, Action Plan Funding	The Corps of Engineers offers multiple funding and technical assistance programs available for flood hazard mitigation actions
U.S. Fire Administration	Wildfire Hazard	This agency provides leadership, advocacy, coordination, and support for fire agencies and organizations.
U.S. Fish and Wildlife Service	Wildfire Hazard	This service's fire management strategy employs prescribed fire throughout the National Wildlife Refuge System to maintain ecological communities.

Table 4-2. Summary of Relevant State Agencies, Programs and Regulations

Agency, Program or Regulation	Hazard Mitigation Area Affected	Relevance
State Building Code and Design Standards	Action Plan Implementation	Mitigation actions need to comply with all state building code requirements
State of Washington Hazard Mitigation Plan	Mitigation Plan development	The state hazard mitigation plan provides information that is useful in developing local hazard mitigation plans
Washington State Office of the Attorney General	Action Plan Implementation	Mitigation actions need to comply with all state land use requirements

4.2 LOCAL

4.2.1 Hazard Mitigation Planning and Plan Development

Hazard mitigation planning is the process that analyzes a community's risk from natural hazards, evaluates existing measure and identifies gaps, and implements actions to further reduce risks. Since November 1, 2003, local governments seeking Pre-Disaster Mitigation (PDM) funds through a state application must have an approved local mitigation plan prior to the approval of local mitigation project grants. Since November 1, 2004, states must also have an approved standard State Mitigation Plan in order to receive PDM funds for state or local mitigation projects. The standard State Mitigation Plan also is required for non-emergency assistance, including Public Assistance restoration of damaged facilities and Hazard Mitigation Grant Program (HMGP) funding. Therefore, state and local multi-hazard mitigation plans are keys to maintaining eligibility for future FEMA mitigation and disaster recovery funding. City plans must be updated every five years to continuously maintain funding eligibility. Figure 4-1 shows the planning process.



Figure 4-1. Hazard Mitigation Planning Process

Hazards are physical conditions or events that have the potential to cause fatalities, injuries, property damage, infrastructure damage, agricultural loss, damage to the environment, interruption of business, or other types of losses. The intent is to present the current state of knowledge of the following significant natural hazards within the City of Snoqualmie:

- Climate Change Effects
- Strong Winds
- Floods
- Earthquakes

- Landslides and Rockfalls
- Droughts
- Wildfire
- Hazardous Materials
- Dam Failures

Land Use Planning and Development in the City of Snoqualmie

The City guides and directs land use and growth through policies, planning principles, guidelines, and regulations. City goals and policies are organized into Comprehensive Plan elements, some of which are required by the Growth Management Act (GMA) in Washington State. Under the GMA, plans must address land use, housing, capital facilities, utilities, and transportation.

Snoqualmie Comprehensive Plan 2032 addresses those elements as well as elements for community character and the environment, with a separate Open Space Parks and Recreation plan and a separate Shoreline Master Program. The Comprehensive Plan also guides development regulations in the Snoqualmie Municipal Code, carrying out City policy and implementation programs.

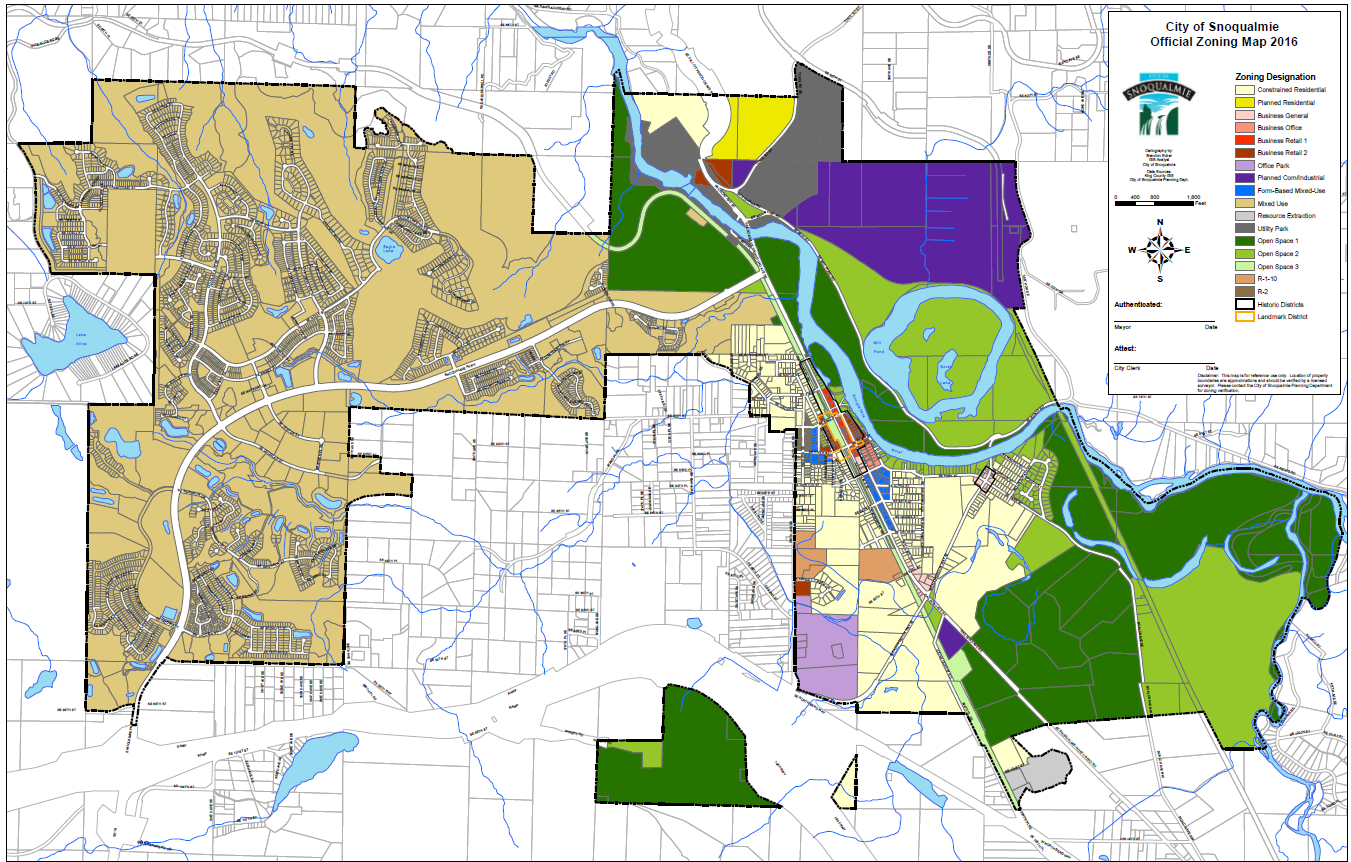


Figure 4-2. Zoning Districts

5. MITIGATED REPETITIVE LOSS PROPERTIES

5.1 REPETITIVE LOSS LIST CORRECTION

CRS-participating communities are required to review their lists of repetitive-loss properties for accuracy, for correct addresses, to determine whether the properties are actually in the community's corporate limits, and to determine whether the insured buildings have been removed, retrofitted, or otherwise protected from the cause of the repetitive flooding. The result of this review is recorded on a Repetitive Loss Update Worksheet (AW-501; see Figure 5-1). A community with repetitive losses must sign the Repetitive Loss List Community Certification (CC-RL), certifying that each address has been checked. If there are updates, the submittal must include corrected Repetitive Loss Update Worksheets with any required supporting documentation. The community must note the following situations in which the form should be updated:

1. The property is not located in the community's jurisdiction. The property may be outside the community's corporate limits, it may be in another city, or it may have been annexed by another community. If it can be determined in which community the property belongs, the property will be reassigned to the correct community. If a property is not in the community, it will not be reassigned unless the community in which the property does belong can be definitely identified.
2. There was an error in the repetitive loss data base, such as a duplicate listing or an incorrect address.
3. The property has subsequently been protected from the types of events that caused the losses. Buildings that have been acquired, relocated, retrofitted, or otherwise protected from the types of frequent floods that caused the past damage are not counted in determining the community's CRS requirements.
4. The property is protected from damage by the base flood shown on the current Flood Insurance Rate Map (FIRM). For example, the community may demonstrate that the building is elevated or flood-proofed above the base flood elevation but was flooded by a higher level. If the property is outside the Special Flood Hazard Area, the community may show that all of the repetitive losses were caused by events with recurrence intervals of over 100 years.

The City will reference current guidance to update the RLA list with qualifying factors as listed at www.CRSResources.org.

REQUESTED UPDATES	
MARK ALL UPDATES BELOW THAT APPLY (IMPORTANT - SEE INSTRUCTIONS)	
1. <input type="checkbox"/> INFORMATION PROVIDED NOT SUFFICIENT TO IDENTIFY PROPERTY. Choose this update if all attempts to locate the property fail. Please describe the steps you took to locate the property in the comments section below.	
2. <input type="checkbox"/> COSMETIC CHANGES REQUIRED TO THE ADDRESS: Update the address shown above and/or add our local alternative property identifier such as a Tax Assessor #.	<input style="width: 100%; height: 20px;" type="text"/>
3. <input type="checkbox"/> PROPERTY NOT IN OUR COMMUNITY OR JURISDICTION: Choose this update if you have positively determined that the property shown is not located in your community. Please provide the correct NFIP community name and if known the NFIP community ID Number. If available, please attach a map showing the property location. ASSIGN TO NFIP COMMUNITY NAME: <input style="width: 150px;" type="text"/> NFIP COMMUNITY ID#: <input style="width: 100px;" type="text"/>	
4. <input type="checkbox"/> FLOOD PROTECTION PROVIDED. Choose this update only if some type of structural intervention has occurred to the building, property or the source of flooding that protects the building from future events similar to those that occurred in the past. The update must be supported by documentation such as an Elevation Certificate and the Mitigation action and funding below must be provided. (Mitigation Action 1.) (Source of Primary Mitigation Funding 3.) (Secondary Source of Funding 3.)	
5. <input type="checkbox"/> NO BUILDING ON PROPERTY. Choose this update only if the property in question can be positively identified as the site of the previously flooded building and documentation is available to support that an insurable building no longer exists at this site. The update must be supported by documentation such as a Demolition or Relocation Permit and the Mitigation action and funding information below must be provided. (Mitigation Action 2.) (Source of Primary Mitigation Funding 3.) (Secondary Source of Funding 3.)	
6. <input type="checkbox"/> DUPLICATE LISTING WITH RL NUMBER: <input style="width: 100px;" type="text"/> COMBINE AS ONE LISTING. Choose this update to identify two or more separate listings that are for the same building. List all other RL numbers that are duplicates to this property. Please indicate which address shown is the correct address to use.	
7. <input type="checkbox"/> HISTORIC BUILDING: Choose this update if you know the building is or would be eligible to be listed on a State or National Historic Registry.	
COMMENTS SECTION: <div style="border: 1px solid black; height: 100px; width: 100%; margin-top: 5px;"></div>	
A signed RL transmittal sheet must accompany this form for approval of the update!	

Figure 5-1. Example NFIP Update Form

5.2 MITIGATED REPETITIVE LOSS PROPERTIES

The City of Snoqualmie will submit the NFIP Repetitive Loss Update Form/ correction worksheet with supportive documentation for the following RL parcels summary based on the 2022 RL data list provided by FEMA:

- 38 structures with qualifying mitigation actions
- 21 parcels not within the corporate limits of the City
- 2 unable to determine location

These properties are proposed to be subsequently removed from FEMA's list of repetitive loss properties for the following reasons (see below example):

- Property not in Snoqualmie
- Structure demolished, vacant lot
- Structure demolished; post-firm structure built to current elevation
- Unable to determine location

6. MITIGATION ALTERNATIVES CONSIDERED

Although this report presents separate analyses for each identified repetitive loss area in the City of Snoqualmie, the list of potential mitigation measures to address repetitive flooding problems was the same for each area. This chapter summarizes the alternatives that were identified for consideration. These mitigation measures can be implemented by the City, the homeowner, or other entities. The selection of suitable measures for each at-risk property in the repetitive loss areas is described in the chapters presenting individual repetitive loss area analyses.

Many types of flood hazard mitigation exist, and there is not one mitigation measure that fits every case or even most cases. Successful mitigation often requires multiple strategies. The CRS Coordinator's Manual (FEMA 2017) breaks the primary types of mitigation down as follows:

- **Preventive** activities keep flood problems from getting worse. The use and development of flood-prone areas is limited through planning, land acquisition, or regulation. They are usually administered by building, zoning, planning, and/or code enforcement offices.
- **Property protection** activities are usually undertaken by property owners on a building-by-building or parcel basis.
- **Natural resource protection** activities preserve or restore natural areas or the natural functions of floodplain and watershed areas. They are implemented by a variety of agencies, primarily parks, recreation, or conservation agencies or organizations.
- **Emergency services** are measures taken during an emergency to minimize its impact. These measures are usually the responsibility of city or county emergency management staff and the owners or operators of major or critical facilities.
- **Structural projects** keep floodwaters away from an area with a levee, reservoir, or other flood control measure. They are usually designed by engineers and managed or maintained by public works staff.
- **Public information** activities advise property owners, potential property owners, and visitors about hazards and ways to protect people and property from them, as well as the natural and beneficial functions of local floodplains. They are usually implemented by a public information office.

6.1 PREVENTIVE

The City of Snoqualmie regulates residential and commercial development through its building code, planning and zoning requirements, stormwater management regulations, and floodplain management ordinances. Any project located in a floodplain, regardless of its size, requires a permit from the City.

6.2 PROPERTY PROTECTION

Property protection measures are generally performed by property owners or their agents. FEMA has published numerous manuals to help property owners determine appropriate property protection measures:

- FEMA 259, Engineering Principles and Practices of Retrofitting Floodprone Residential Structures
- FEMA 312, Homeowner's Guide to Retrofitting: Six Ways to Protect Your House from Flooding
- FEMA 551, Selecting Appropriate Mitigation Measures for Floodprone Structures
- FEMA 348, Protecting Building Utilities from Flood Damage
- FEMA 511, Reducing Damage from Localized Flooding
- FEMA 102, Floodproofing Non-Residential Structures
- FEMA 84, Answers to Questions about the NFIP
- FEMA 54, Elevated Residential Structures Book
- FEMA 268, Protecting Floodplain Resources: A Guidebook for Communities
- FEMA 347, Above the Flood: Elevating Your Floodprone House
- FEMA 85, Protecting Manufactured Homes from Floods and Other Hazards

The manuals listed above are available for review at FEMA's website. For a complete guide to retrofitting homes for flood protection, see FEMA P-312, *Homeowner's Guide to Retrofitting 3rd Edition* (FEMA 2014). The primary methods of property protection in the City are:

- Demolition/relocation.
- Elevation (structure or damage prone components such as furnace or AC unit)
- Dry flood-proof (so water cannot get in).
- Direct drainage away from the building.
- Drainage maintenance.
- Sewer Improvements.

Acquisition

One of the most effective approaches to preventing further flood damage to a building is the acquisition and relocation or clearing of the structure. The property would then serve as an open space or recreation area. Property owners retain the right to select this as a mitigation method. They may sell their property to a government agency or an agency dedicated to the preservation and management of local open space. The property owner can also relocate the building to another property. Alternatively, the building can be moved to another area of the same property, if that area is outside the flood hazard. The property owner can also take advantage of federal funding for such mitigation.

For the City of Snoqualmie's RLAA, it has been determined that acquisition would not be a cost-effective alternative for structures. "Cost-effective" means that the benefits of the action would equal or exceed the costs to implement the action. For this RLAA, a benefit is considered to be an avoided loss. The high value of property in the City of Snoqualmie makes it unlikely that acquisition projects can be cost-effective.

Home Elevation

Sometimes dry or wet flood-proofing are not enough and greater measures must be taken. For example, if the floodwaters are too high for dry flood-proofing and the inhabited area is too low for wet flood-proofing, it may be necessary to raise the structure. Whenever the floor of a home is below the 100-year flood elevation, physically elevating the structure is often recommended as it is one of the most effective means to prevent flood damage. Financial assistance may be available for floodproofing. The City requires all substantially improved residential buildings to have their lowest floor elevated 1 foot above the 100-year elevation.

Dry Flood-Proofing

Dry flood-proofing consists of completely sealing around the exterior of the building so that water cannot enter the building. Dry flood-proofing is not a good option for areas where floodwater is deep or flows quickly. The hydrostatic pressure and/or hydrodynamic force can structurally damage the building by causing the walls to collapse or causing the entire structure to float. However, in areas that have minimal velocity and low depth, dry flood-proofing can be a good option.

Many flood hazards can be mitigated with various forms of dry flood-proofing. Properties that do not have adequate protection of their low opening (window or basement door) can effectively raise the low opening height with a window well or a flood gate. The ultimate height of the low opening depends on several factors, such as: the level of flood protection desired, the appearance, and cost. The flood protection elevation could be set 1-foot higher than the existing low opening elevation, or it could be set to match the elevation of the lowest opening into a home that cannot be raised. This might be the elevation of the threshold of a door, for example.

The NFIP only allows dry flood-proofing for residential retrofits that are not classified as a substantial improvement. A substantial improvement is any reconstruction, rehabilitation, addition, or other improvement of a structure, the cost of which equals or exceeds 50% of the market value of the structure before the “start of construction” of the improvement.

Wet Flood-Proofing

Wet flood-proofing consists of modifying uninhabited portions of a home, such as a crawlspace, garage, or unfinished basement with flood-damage resistant materials, to allow floodwaters to enter the structure without causing damage (see Figure 6-1). Wet flood-proofing requires portions of the building to be cleared of valuable items and mechanical utilities. A key component of wet flood-proofing is providing openings large enough for the water to flow through the structure such that the elevation of the water in the structure is equal to the elevation of the water outside of the structure. This equilibrium of floodwater prevents hydrostatic pressure from damaging structural walls.

Source: FEMA P-312, June 30, 2014

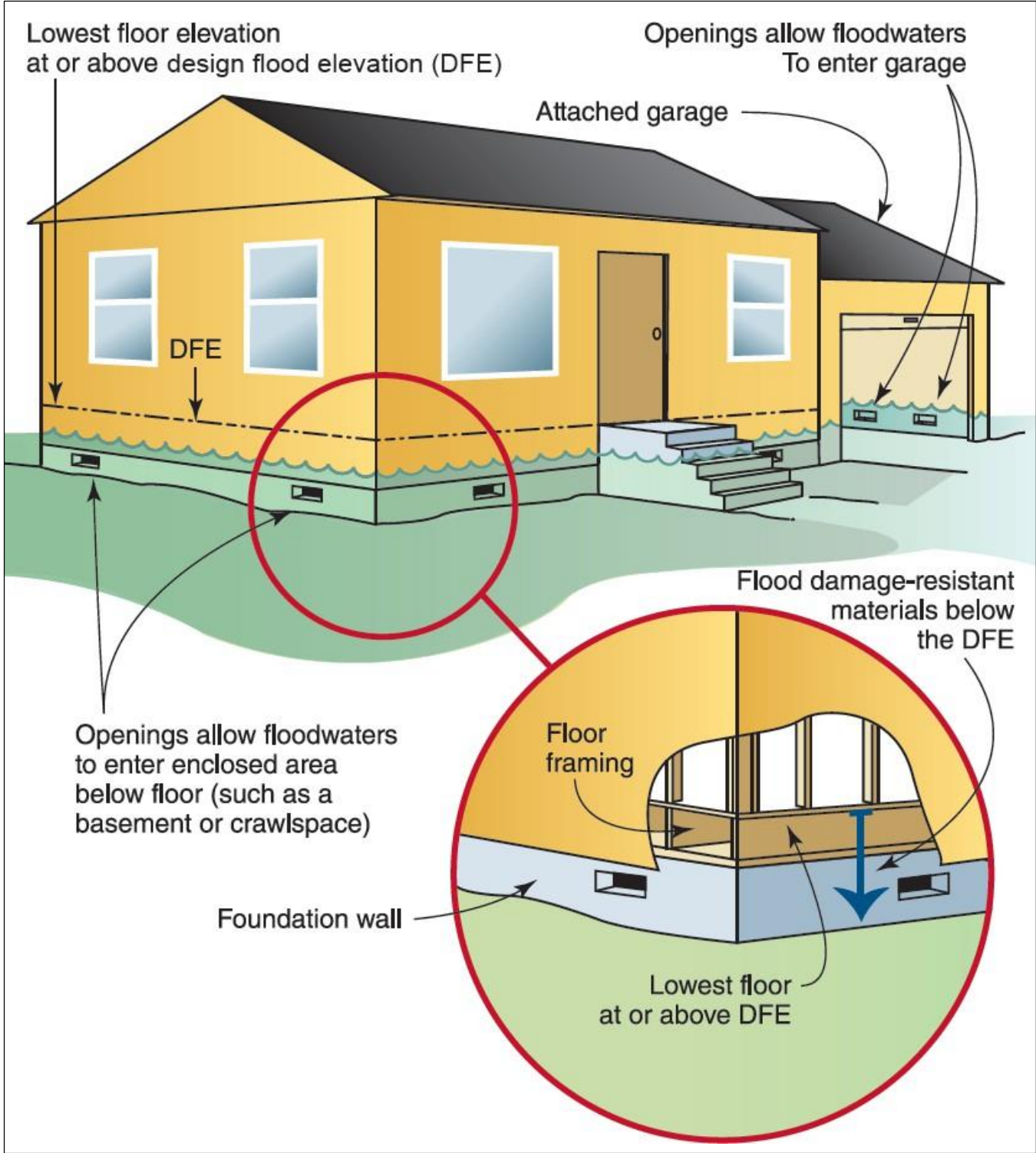


Figure 6-1. Wet Flood-Proofing Example

Direct Drainage Away from the Building

In some cases, there are activities that the property owner can do on-site such as directing shallow floodwater away from a flood-prone structure. Shallow flooding can often be kept away from a structure if some simple improvements are made to the yard. Sometimes structures are built at the bottom of a hill or in a natural drainage way or storage area, so that water naturally flows toward them.

One solution is to regrade the yard. If water flows toward the building; a new swale or wall can direct the flow to the street or a drainage way. Filling and grading next to the building can also direct shallow flooding away. Although water may remain in the yard temporarily, it is kept away from the structure. When these types of drainage modifications are made, care must be taken not to adversely affect the drainage patterns of adjacent properties. Over time, the swales along the lot lines or in the back yard may get filled in. Property owners build fences, garages, sheds, swimming pools, and other obstructions up to the lot line. These drainage problems can be fixed by removing the obstructions and restoring the swales so they will carry water away from the building.

Drainage Maintenance

Dumping into the drainage system is a violation under the City of Snoqualmie's Chapter 21 Code. Debris can accumulate and restrict the flow of stormwater, increasing the potential of localized flooding.

Heavy rains can saturate the soil and infiltrate the sanitary sewer system through leaky joints or cracks in the pipes. The inflow of stormwater floods the sanitary sewer system causing water to back-up into the home through lower level plumbing fixtures. This occurrence can be prevented by installing a sewer backflow preventer. A backflow preventer will allow the sanitary sewer water to flow freely from the home to the sewer, but restrict the reverse flow. Backflow preventers do require maintenance and can fail if debris in the sewer prevents the valve seating properly. An overhead sewer system pumps wastewater from basement level plumbing fixtures up to an elevation near the ground level, where it can drain by gravity into the sewer service line. This higher sewer makes it unlikely that water will back-up into the building.

Temporary Barriers

Several types of temporary barriers are available to address typical flooding problems. They work to direct drainage away from structures with the same principles as permanent barriers such as floodwalls or levees, but can be removed, stored, and reused in subsequent flood events.

6.3 NATURAL RESOURCE PROTECTION

Care should be taken to maintain the streams, wetlands and other natural resources within a floodplain or repetitive loss area. Removing debris from streams and channels prevents obstructions. Preserving and restoring natural areas provides flood protection, preserves water quality and provides natural habitat. King County and the City of Snoqualmie are proactive in natural resource protection and restoration.

6.4 EMERGENCY SERVICES

Advance identification of an impending storm is only the first part of an effective Flood Warning and Response Plan. To truly realize the benefit of an early flood warning system, the warning must be disseminated quickly to floodplain occupants, repetitive loss areas and critical facilities. Appropriate response activities must then be implemented, such as: road closures, directing evacuations, sandbagging, and moving building contents above flood levels. Finally, a community should take measures to protect public health and safety and facilitate

recovery. These measures may include: cleaning up debris and garbage, clearing streets, and ensuring that that citizens have shelter, food, and safe drinking water.

6.5 STRUCTURAL PROJECTS

Structural projects keep floodwaters away from an area with a levee, reservoir, or other flood control measure. They are usually designed by engineers and managed or maintained by appropriate staff. The City of Snoqualmie Department of Public Works develops and implements capital projects.

6.6 PUBLIC INFORMATION

One of the most important, and often overlooked, aspects of mitigation is public awareness. Awareness starts with recognition of the flood risk. FIRM panels, which designate areas of a community according to various levels of flood risk, can be viewed at www.FEMA.gov. Also, real estate transactions require disclosure of known flood hazards. The next level of awareness is related to flood hazard mitigation measures. Often homeowners can greatly reduce their risks with mitigation efforts if they are aware of the risks. For that reason, as part of this analysis, every resident in the repetitive loss area has been contacted and informed of the opportunity to review this Report. In addition, the City of Snoqualmie Floodplain Administrator sends an annual outreach letter to every resident in each repetitive loss area.

6.7 MITIGATION MEASURE GROUPINGS

The 4 RL areas were reviewed by appropriate mitigation alternatives to provide a better understanding of current and future repetitive loss claims, options for outreach, and grant opportunities for residents. Based on the analysis performed for this report, three mitigation groupings were identified:

- Properties suitable for mitigation that includes drainage maintenance and/or elevation
- Properties identified for buyout and open space preservation under current Master Plans
- Properties where property owners are interested in elevation with a funding source

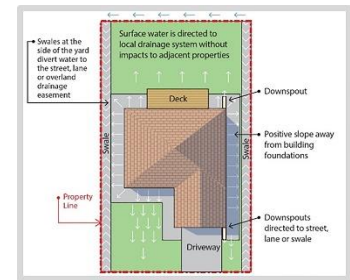
City of Snoqualmie, Washington Repetitive Loss Area Analysis

PART 2—ANALYSIS OF INDIVIDUAL REPETITIVE LOSS AREAS

7. DRAINAGE MAINTENANCE AND/OR ELEVATION, ACQUISITION

Mitigation actions such as drainage maintenance, elevation, and or acquisition align with the goals and plans of the City when addressing repetitive loss areas. In each of the 4 repetitive loss areas, property damage was determined to have contribution elements from low-lying/flat ground elevations, localized drainage, storm and snowmelt contributors, and the Snoqualmie River Basin. Mitigation for the RLA properties includes improved drainage maintenance to address increased run-off from new development or lack of capacity from underground storm sewer. Most structures would also benefit from elevation to recent FEMA mapping requirements or to levels determined by increased flood heights caused by recent development.

Where structural elevation is the primary recommendation for mitigation, structures with crawlspaces and/or basements, and where utilities such as HVAC, air conditioners, and water heaters are at the lowest elevation or at flood risk elevations, qualifying techniques such as wet floodproofing, elevating or relocating utilities, and or levels of dry floodproofing techniques may support reduced risks in limited capacities. Additional actions from property owners may include installing a backwater valve to prevent sewer water from entering if the city's lines are full. Property owners can consider adding additional fill around their foundation walls to enhance the slope (positive drainage) from their foundations, diverting the water away from the foundation wall. Considerations for diverting water from the structure may also include elongating downspouts and/or French drains.



City of Sanquhar/2023 to 2028 Capital Improvement Plan

PARKS CAPITAL PROJECT OR PROGRAM

RIVERFRONT LAND ACQUISITIONS & DEMOLITIONS

CP Project ID: 23-0023

Impairment: None

Project Name: Riverfront Land Acquisitions and Demolitions

Project Location: Multiple Locations

Project Contact: Brian Gaudin

Previously Served by: [BIRMINGHAM](#)

Current Project Budget: \$0

Original Budget of CP (Impairment): [BIRMINGHAM](#)


Same Project to City ID: [BIRMINGHAM](#)

Contact Email: [Email Project to City ID](#)

Descriptions:

This project involves the acquisition of property located at the Sanquhar River and provides for the demolition and reconstruction of existing and other facilities. The property acquired and modified will eventually become a part of the Sanquhar Riverfront.

Photo or Map:



Community Impact:

Property and structures adjacent to the Sanquhar River have suffered negatively from **land usage** present concerns for public safety issues. These concerns also provide opportunity of the natural Sanquhar River. River recreation and other amenities. This project addresses Comprehensive plan goals 3.5.2 and 3.5.3, and the Sanquhar Riverfront and the increased of the riverfront benefits respectively.

Operating Impact:

The additional property needed by the City of Sanquhar will not be the current landholding level of staff resulting in cost increases in the operating budget.

Budget:

	Funding	% of	Start Year	Previously Allocated	2023	2024	2025	2026	2027	2028 or Revised
Operating	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grants	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00

TOTAL PROJECT BUDGET: \$0.00

TOTAL OPERATING BUDGET: \$0.00

Funding Mix:

	Funding Source	Percentage	Previously Allocated	2023	2024	2025	2026	2027	2028	2029 or Revised
Operating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Grants	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Future Funding Requirements:

Open space preservation efforts identified in the City’s Master Plan and Capital Improvement Plan discuss the community impact of the Riverfront Land Acquisition and Demolitions project. Parcels identified on this buyout list include multiple RL parcels. The City remains proactive in applying for local, State, and Federal funding sources to support acquisition and demolition. In addition, the City actively pursues funding sources to support structural mitigation efforts for privately owned structures.

Citizens who have interests in structural elevation with a supportive funding source can elect to provide their contact information to the City. The City maintains the list and will contact the property owner if a funding source is available. There are multiple parcels on the RL list as a whole, where property owners have expressed interest in elevation with funding support.

Property owners are encouraged to contact the City to discuss potential mitigation efforts and building permit standards for development within the floodplain. For all properties in or out of the regulatory floodplain, flood insurance is recommended and continues to be promoted by the City. The City's strong floodplain management program has goals of improving their FEMA Community Rating System discount for NFIP flood insurance policyholders and active engagement with King County's Flood Control District.

Each section of this chapter describes the 4 repetitive loss areas, including a list of repetitive loss properties, a description of additional properties in the area, and a map of the repetitive loss areas. Maps are not included for single-property repetitive loss areas due to privacy concerns.

7.1 REPETITIVE LOSS AREA NO. 1

FEMA-Identified Repetitive Loss Properties

Table 7-1 lists the FEMA-designated repetitive loss property within this repetitive loss area 1.

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
184665	1	2	10890	Y	N	Basement	Single Family(Res Use/Zone)
28312	1	5	333910.4	Y	Y	Basement	Single Family(Res Use/Zone)
184117	1	2	11889.41	Y	N	Vacant	4-Plex
69311	1	4	52200.37	Y	N	Basement	Single Family(Res Use/Zone)
184144	1	2	74920.25	Y	N	Basement	Single Family(Res Use/Zone)
84746	1	2	34146.12	Y	Y	Basement	Single Family(Res Use/Zone)
7817	1	4	25803.03	Y	N	Basement	Duplex
184979	1	2	11546.23	Y	N	Basement	Single Family(Res Use/Zone)
184386	1	3	72226.42	Y	N	Basement	Single Family(Res Use/Zone)
184579	1	2	10639.38	Y	N	Crawl Space	Single Family(Res Use/Zone)
184049	1	2	36398.65	Y	N	Basement	Single Family(Res Use/Zone)
183874	1	2	48719.91	Y	N	Crawl Space	Single Family(Res Use/Zone)
184625	1	2	11577.49	Y	N	Crawl Space	Single Family(Res Use/Zone)
288603	1	2	13524.23	Y	N	Basement	Single Family(Res Use/Zone)
184951	1	2	73251.15	Y	N	Crawl Space	Single Family(Res Use/Zone)
183877	1	3	230796	Y	Y	Basement	Single Family(Res Use/Zone)

184068	1	2	42687.99	Y	N	Vacant	Daycare Center
316816	1	2	9724.24	Y	N	Vacant	Daycare Center
316857	1	2	9448.5	Y	N	Vacant	Daycare Center
75561	1	4	45171.92	Y	Y	Basement	Single Family(Res Use/Zone)
169180	1	3	123127.7	Y	N	Basement	Single Family(Res Use/Zone)
77182	1	2	17331.68	Y	Y	Basement	Single Family(Res Use/Zone)
85984	1	3	26565.59	Y	N	Basement	Single Family(Res Use/Zone)
184093	1	2	10350.4	Y	N	Basement	Single Family(Res Use/Zone)
185042	1	2	203999.5	Y	Y	Basement	Single Family(Res Use/Zone)
78064	1	5	32122.95	Y	N	Basement	Single Family(Res Use/Zone)
73802	1	4	193661	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184605	1	2	5112.98	Y	N	Basement	Single Family(Res Use/Zone)
53181	1	6	132837.2	Y	Y	Crawl Space	Single Family(Res Use/Zone)
6958	1	5	30575.06	Y	N	Crawl Space	Single Family(Res Use/Zone)
183815	1	2	10331.62	Y	N	Crawl Space	Single Family(Res Use/Zone)
75558	1	3	84662.9	Y	N	Basement	Single Family(Res Use/Zone)
80557	1	2	27495.21	Y	N	Basement	Single Family(Res Use/Zone)
81804	1	4	81985.78	Y	N	Basement	Single Family(Res Use/Zone)
183831	1	2	89634.32	Y	N	Basement	Single Family(Res Use/Zone)
168524	1	3	147516.3	Y	N	Crawl Space	Single Family(Res Use/Zone)
184681	1	2	56077.39	Y	N	Basement	Single Family(Res Use/Zone)
184937	1	3	53952.44	Y	N	Crawl Space	Single Family(Res Use/Zone)

183789	1	2	47839.32	Y	N	Basement	Single Family(Res Use/Zone)
169025	1	3	25828.05	Y	N	Crawl Space	Single Family(Res Use/Zone)
184169	1	2	10407.09	Y	N	Crawl Space	Single Family(Res Use/Zone)

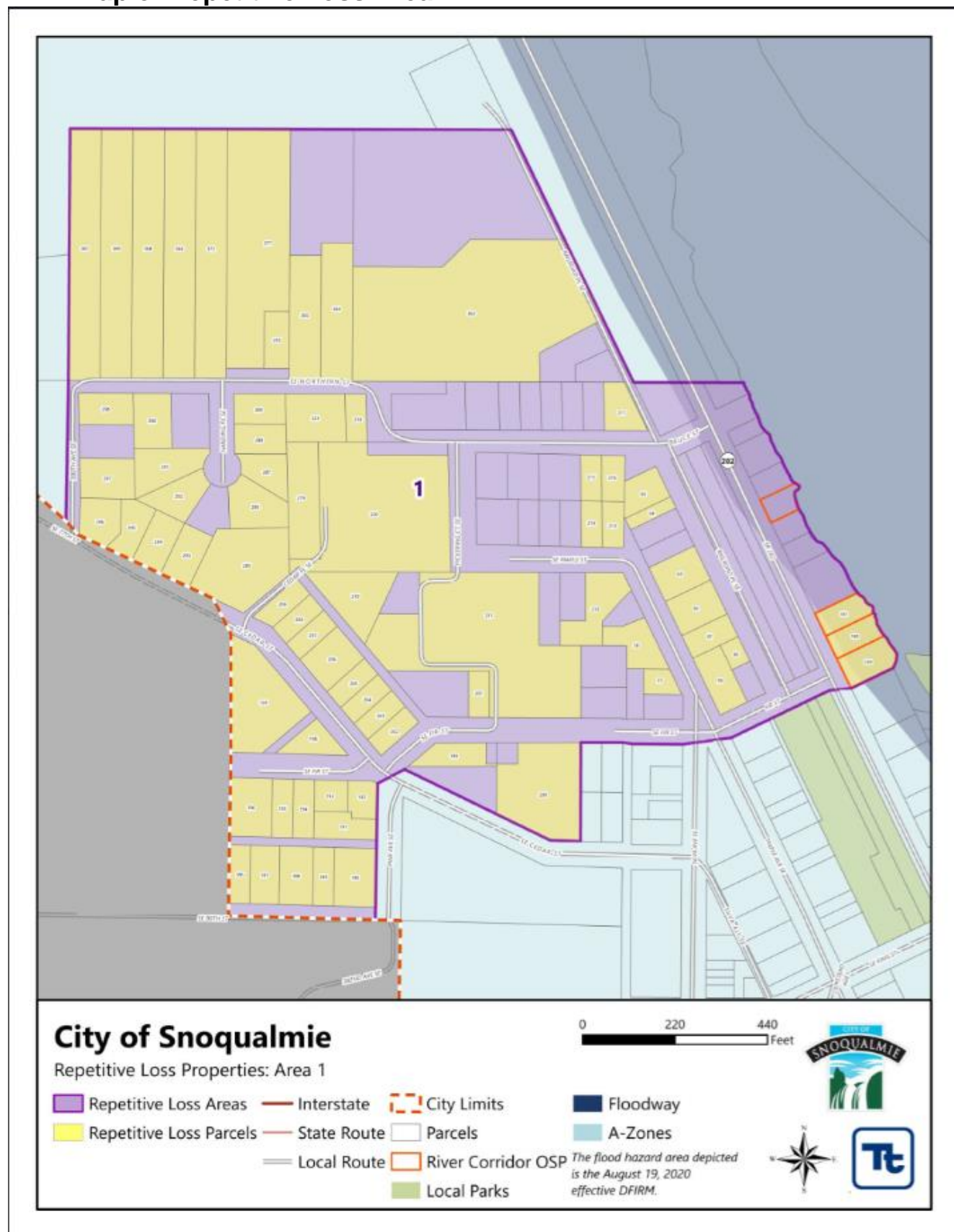
Probable Mitigation Measures- Repetitive Loss Area 1

Tetra Tech completed an assessment of each of the 373 properties within the 4 repetitive loss areas. King County Property Reports were last updated July 2022 and are considered the best available data for current parcel photos, present land use, condition assessment of structure, foundation type, and building data. All data was reviewed alongside aerial photography from Google Earth, King County Iparcel, and King County data sheets for site assessments.

Probable mitigation measures for the 373 properties within the 4 repetitive loss areas apply to RL-designated and non-RL-designated structures based on the identified sources of flooding.

Repetitive Loss Area 1 Summary		Probable Mitigation Measures
Foundation	ALL Structures in RLA1	
Crawlspace	Common foundation type in RLA1	Drainage maintenance and Elevation. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
Slab	Foundation type not common in RLA1	Drainage maintenance and Elevation. Structural elevation to current freeboard standards or freeboard requirements based on funding source. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration. Wet floodproofing techniques may be considered where allowed by regulations.
Basement	Common foundation type in RLA1	Drainage maintenance and Elevation. Elevation actions may include filling in the basement with an approved material to adjust the first-floor level for flood insurance and potential flood risk reduction. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
	Acquisition and Demolition – River Corridor	3 identified parcels within RLA1 are identified for future acquisition and demolition mitigation actions. These 3 parcels within the River Corridor would become greenspace and serve as open space preservation.
	Acquisition and Demolition – Master Plan	1 parcel within RLA1 that is identified for future acquisition and demolition under the City's Master Plan. This parcel will remain under the ownership of the city and support greenspace efforts.
	Capital Improvement Plan	The City's maintained Capital Improvement Plan includes a drainage system maintenance and replacement program, stormwater pond improvement program, drainage improvement projects, riverbank restoration, and other stormwater management and floodplain management projects.

7.1.1 Map of Repetitive Loss Area



7.2 REPETITIVE LOSS AREA NO. 2

FEMA-Identified Repetitive Loss Properties

Table 7-2 lists the FEMA-designated repetitive loss properties within this repetitive loss area.

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
185243	2	3	213951.6	Y	Y	Basement	Single Family(Res Use/Zone)
7493	2	5	179364.5	Y	Y	Crawl Space	Single Family(Res Use/Zone)
69307	2	4	36491.01	Y	N	Basement	Single Family(Res Use/Zone)
184571	2	2	31112.44	Y	N	Crawl Space	Single Family(Res Use/Zone)
184152	2	2	52664.6	Y	N	Crawl Space	Single Family(Res Use/Zone)
184103	2	2	47043.27	Y	N	Basement	Single Family(Res Use/Zone)
184620	2	2	103210.1	Y	N	Basement	Single Family(Res Use/Zone)
184051	2	2	34278.73	Y	N	Basement	Single Family(Res Use/Zone)
183869	2	3	92211.06	Y	N	Basement	Single Family(Res Use/Zone)
80560	2	4	261976.5	Y	Y	Crawl Space	Single Family(Res Use/Zone)
80556	2	5	76557.85	Y	Y	Basement	Single Family(Res Use/Zone)
184964	2	3	35543.26	Y	N	Crawl Space	Single Family(Res Use/Zone)
184145	2	2	36270.66	Y	N	Basement	Single Family(Res Use/Zone)
184987	2	2	18193.98	Y	N	Crawl Space	Single Family(Res Use/Zone)
183910	2	2	4826.04	Y	N	Basement	Single Family(Res Use/Zone)
186174	2	2	4510.22	Y	N	Basement	Single Family(Res Use/Zone)

184163	2	2	5149.71	Y	N	Crawl Space	Single Family(Res Use/Zone)
184033	2	2	12463.61	Y	N	Basement	Single Family(Res Use/Zone)
184500	2	2	16500.64	Y	N	Basement	Single Family(Res Use/Zone)
181347	2	3	54117.92	Y	N	Basement	Single Family(C/I Zone)
184142	2	2	8942.49	Y	N	Crawl Space	Single Family(Res Use/Zone)
183897	2	2	73361.39	Y	N	Basement	Single Family(Res Use/Zone)
184009	2	2	6502.6	Y	N	Crawl Space	Single Family(Res Use/Zone)
184086	2	2	87801.9	Y	N	Basement	Single Family(Res Use/Zone)
184227	2	2	73487.73	Y	N	Crawl Space	Single Family(Res Use/Zone)
183829	2	2	69270.88	Y	N	Basement	Single Family(Res Use/Zone)
183843	2	2	11245.28	Y	N	Crawl Space	Single Family(Res Use/Zone)
184584	2	2	59208.24	Y	N	Basement	Single Family(Res Use/Zone)
184095	2	2	23045.51	Y	N	Basement	Single Family(Res Use/Zone)

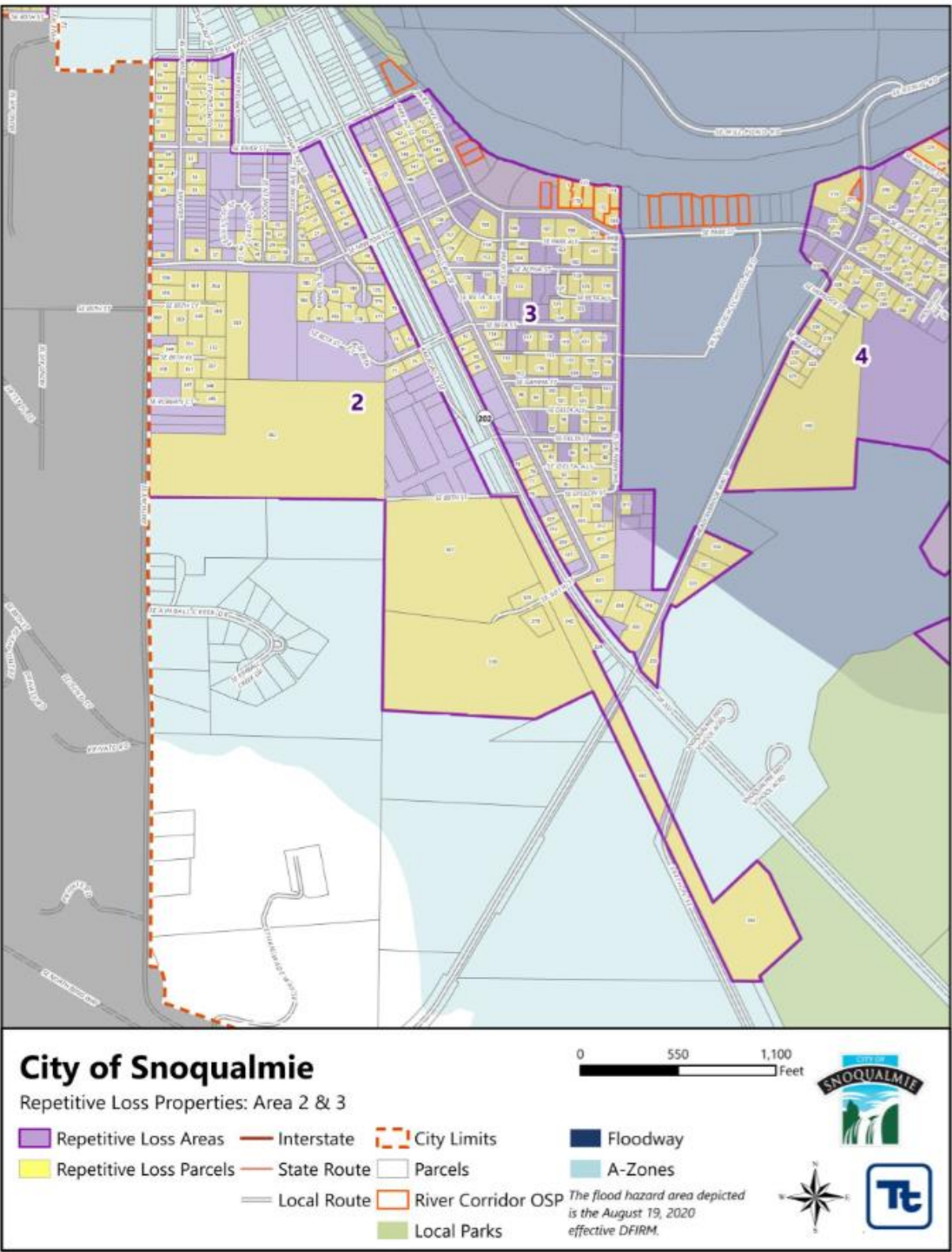
Additional Properties Included in Repetitive Loss Area

Tetra Tech completed an assessment of each of the 373 properties within the 4 repetitive loss areas. King County Property Reports were last updated July 2022 and are considered the best available data for current parcel photos, present land use, condition assessment of structure, foundation type, and building data. All data was reviewed alongside aerial photography from Google Earth, King County Iparcel, and King County data sheets for site assessments.

Probable mitigation measures for the 373 properties within the 4 repetitive loss areas apply to RL-designated and non-RL-designated structures based on the identified sources of flooding.

Repetitive Loss Area 2 Summary		
Foundation	ALL Structures in RLA2	Probable Mitigation Measures
Crawlspace	Common foundation type in RLA2	Drainage maintenance and Elevation. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
Slab	Foundation type not common in RLA2	Drainage maintenance and Elevation. Structural elevation to current freeboard standards or freeboard requirements based on funding source. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration. Wet floodproofing techniques may be considered where allowed by regulations.
Basement	Common foundation type in RLA2	Drainage maintenance and Elevation. Elevation actions may include filling in the basement with an approved material to adjust the first-floor level for flood insurance and potential flood risk reduction. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
	Acquisition and Demolition – River Corridor	N/A
	Acquisition and Demolition – Master Plan	N/A
	Capital Improvement Plan	The City's maintained Capital Improvement Plan includes a drainage system maintenance and replacement program, stormwater pond improvement program, drainage improvement projects, riverbank restoration, and other stormwater management and floodplain management projects.

7.2.1 Map of Repetitive Loss Area



7.3 REPETITIVE LOSS AREA NO. 3

FEMA-Identified Repetitive Loss Properties

Table 7-3 lists the FEMA-designated repetitive loss properties within this repetitive loss area.

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
289011	3	2	55632.33	Y	N	Crawl Space	Single Family(Res Use/Zone)
82028	3	5	68654.56	Y	Y	Vacant	Single Family(Res Use/Zone)
184107	3	2	6637.87	Y	N	Basement	Single Family(Res Use/Zone)
183961	3	2	15031.66	Y	N	Vacant	Single Family(Res Use/Zone)
184618	3	2	86111.56	Y	N	Crawl Space	Single Family(Res Use/Zone)
184978	3	2	8482.9	Y	N	Crawl Space	Single Family(Res Use/Zone)
288598	3	2	24344.99	Y	N	Crawl Space	Single Family(Res Use/Zone)
184025	3	2	125216.1	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184452	3	2	35255.05	Y	N	Crawl Space	Single Family(Res Use/Zone)
183863	3	2	47724.76	Y	N	Basement	Single Family(Res Use/Zone)
85770	3	4	58758.01	Y	N	Basement	Single Family(Res Use/Zone)
85767	3	4	138359.9	Y	Y	Basement	Single Family(Res Use/Zone)
75578	3	4	93606.15	Y	N	Basement	Single Family(Res Use/Zone)
54726	3	6	89852.36	Y	Y	Basement	Single Family(Res Use/Zone)
75560	3	4	22496.8	Y	N	Crawl Space	Single Family(Res Use/Zone)
75586	3	4	92948.54	Y	Y	Basement	Single Family(Res Use/Zone)

184083	3	2	88873.6	Y	N	Basement	Duplex
183520	3	2	55730.68	Y	N	Basement	Duplex
184053	3	2	120177	Y	N	Crawl Space	Single Family(Res Use/Zone)
184055	3	2	69462.85	Y	N	Crawl Space	Single Family(Res Use/Zone)
184387	3	2	79656.3	Y	N	Crawl Space	Single Family(Res Use/Zone)
183895	3	2	26573.42	Y	N	Crawl Space	Single Family(Res Use/Zone)
184439	3	2	188428.7	Y	Y	Basement	Single Family(Res Use/Zone)
168812	3	3	78510.36	Y	N	Crawl Space	Single Family(Res Use/Zone)
184056	3	2	70238.75	Y	N	Crawl Space	Single Family(Res Use/Zone)
184670	3	2	15174.05	Y	N	Basement	Single Family(Res Use/Zone)
69305	3	2	32993.85	Y	N	Vacant	4-Plex
184029	3	2	75830.41	Y	N	Crawl Space	Single Family(Res Use/Zone)
184603	3	2	39074.85	Y	N	Vacant	Daycare Center
184565	3	2	56649.34	Y	Y	Basement	Single Family(Res Use/Zone)
299493	3	2	65721.04	Y	N	Crawl Space	Single Family(C/I Use)
184945	3	2	54025.54	Y	N	Crawl Space	Single Family(Res Use/Zone)
184094	3	2	221167.4	Y	N	Basement	Single Family(Res Use/Zone)
184388	3	2	46426.87	Y	N	Crawl Space	Single Family(Res Use/Zone)
69312	3	3	129034.9	Y	N	Crawl Space	Single Family(Res Use/Zone)
316	3	4	69130.53	Y	Y	Basement	Single Family(Res Use/Zone)
184384	3	2	15253.13	Y	N	Crawl Space	Single Family(Res Use/Zone)
80811	3	6	61100.52	Y	Y	Crawl Space	Single Family(Res Use/Zone)

183909	3	2	59314.73	Y	N	Basement	Single Family(Res Use/Zone)
184153	3	3	218225.4	Y	Y	Basement	Single Family(Res Use/Zone)
74189	3	4	104930.7	Y	N	Crawl Space	Single Family(Res Use/Zone)
168945	3	3	64409.4	Y	N	Crawl Space	Single Family(Res Use/Zone)
82350	3	4	554367.5	Y	Y	Crawl Space	Church/Welfare/Relig Srv
184662	3	2	38711.93	Y	N	Crawl Space	Single Family(Res Use/Zone)
318100	3	2	25209.16	Y	Y	Vacant	Single Family(Res Use/Zone)
77839	3	5	174915	Y	Y	Basement	Single Family(Res Use/Zone)
80555	3	4	137059.2	Y	Y	Basement	Single Family(Res Use/Zone)
69306	3	5	198553.4	Y	Y	Crawl Space	4-Plex
183039	3	5	35418.62	Y	N	Basement	Single Family(Res Use/Zone)
184671	3	2	29544.22	Y	N	Crawl Space	Single Family(Res Use/Zone)
88180	3	2	23983.48	Y	Y	Crawl Space	Park, Public(Zoo/Arbor)
183865	3	3	70240.92	Y	N	Crawl Space	Single Family(C/I Zone)
184389	3	2	113276.5	Y	N	Crawl Space	Apartment

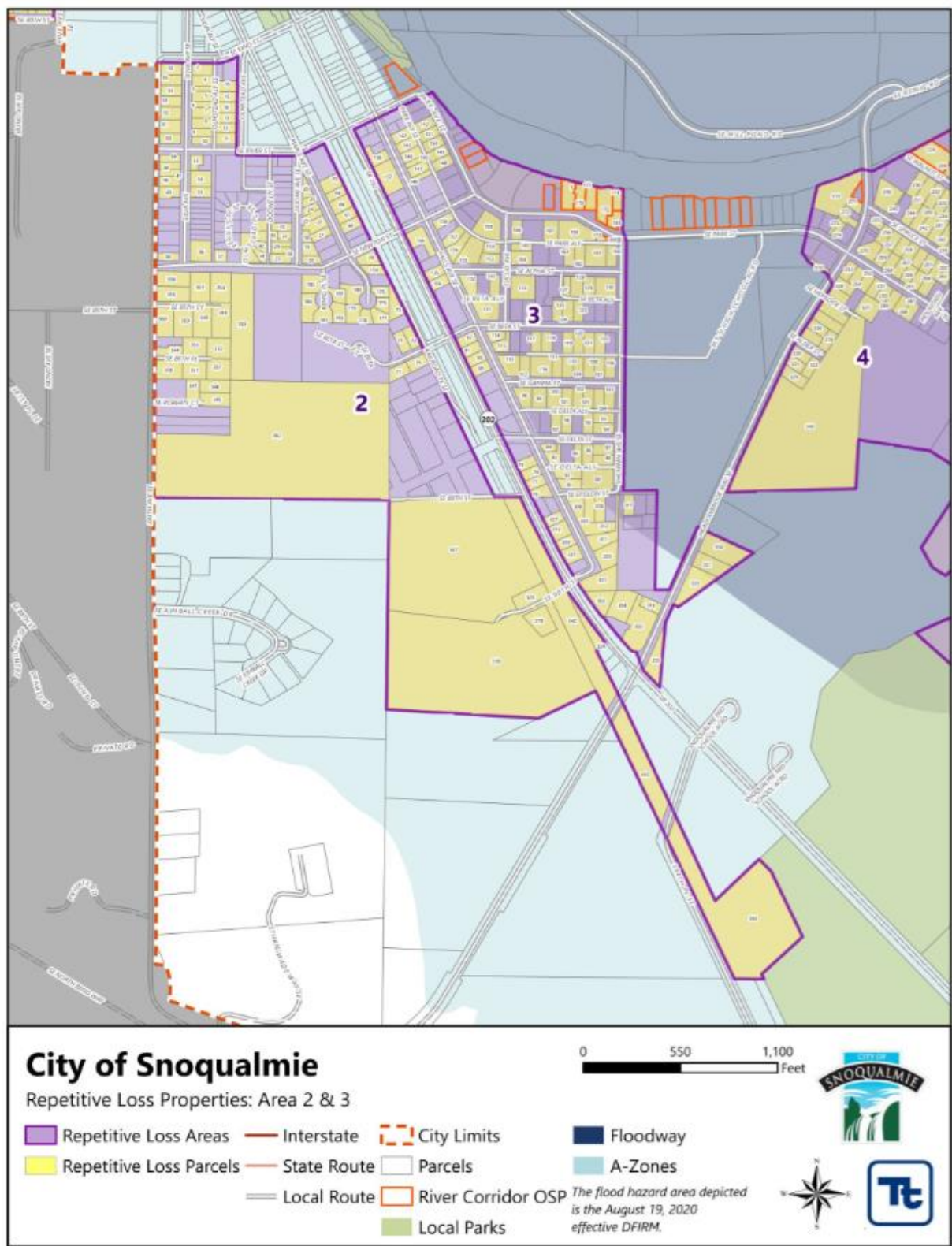
Additional Properties Included in Repetitive Loss Area

Tetra Tech completed an assessment of each of the 373 properties within the 4 repetitive loss areas. King County Property Reports were last updated July 2022 and are considered the best available data for current parcel photos, present land use, condition assessment of structure, foundation type, and building data. All data was reviewed alongside aerial photography from Google Earth, King County Iparcel, and King County data sheets for site assessments.

Probable mitigation measures for the 373 properties within the 4 repetitive loss areas apply to RL-designated and non-RL-designated structures based on the identified sources of flooding.

Repetitive Loss Area 3 Summary		
Foundation	ALL Structures in RLA3	Probable Mitigation Measures
Crawlspace	Common foundation type in RLA3	Drainage maintenance and Elevation. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
Slab	Foundation type not common in RLA3	Drainage maintenance and Elevation. Structural elevation to current freeboard standards or freeboard requirements based on funding source. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration. Wet floodproofing techniques may be considered where allowed by regulations.
Basement	Common foundation type in RLA3	Drainage maintenance and Elevation. Elevation actions may include filling in the basement with an approved material to adjust the first-floor level for flood insurance and potential flood risk reduction. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
	Acquisition and Demolition – River Corridor	6 identified parcels within RLA3 are identified for future acquisition and demolition mitigation actions. These 6 parcels within the River Corridor would become greenspace and serve as open space preservation.
	Acquisition and Demolition – Master Plan	N/A
	Capital Improvement Plan	The City's maintained Capital Improvement Plan includes a drainage system maintenance and replacement program, stormwater pond improvement program, drainage improvement projects, riverbank restoration, and other stormwater management and floodplain management projects.

7.3.1 Map of Repetitive Loss Area



7.4 REPETITIVE LOSS AREA NO. 4

FEMA-Identified Repetitive Loss Properties

Table 7-4 lists the FEMA-designated repetitive loss properties within this repetitive loss area.

FEMA Repetitive Loss Property #	RLAA Area	Total Claims	Total Paid Building and/or Contents	NFIP Repetitive Loss	NFIP Severe Repetitive Loss	Foundation Type	Parcel Use Description
183038	4	3	176096.1	Y	N	Crawl Space	Golf Course
185120	4	2	75922.6	Y	N	Basement	Single Family(Res Use/Zone)
184106	4	2	66247.41	Y	N	Crawl Space	Single Family(Res Use/Zone)
183003	4	3	17680.56	Y	N	Basement	Single Family(Res Use/Zone)
182088	4	3	26148.03	Y	N	Basement	Single Family(Res Use/Zone)
184639	4	2	11337.79	Y	N	Crawl Space	Single Family(Res Use/Zone)
184447	4	2	159667.6	Y	N	Basement	Single Family(Res Use/Zone)
184390	4	3	11520.57	Y	N	Basement	Single Family(Res Use/Zone)
168822	4	3	137174.2	Y	N	Basement	Single Family(Res Use/Zone)
184641	4	2	16220.88	Y	N	Basement	Single Family(Res Use/Zone)
184588	4	2	189309.1	Y	Y	Basement	Single Family(Res Use/Zone)
168819	4	3	89611.41	Y	N	Basement	Single Family(Res Use/Zone)
183320	4	3	22554.22	Y	N	Basement	Single Family(C/I Zone)
84882	4	5	21651.29	Y	N	Basement	Single Family(Res Use/Zone)
85695	4	5	48903.63	Y	N	Basement	Single Family(Res Use/Zone)
168965	4	3	19265.09	Y	N	Crawl Space	Single Family(Res Use/Zone)

182117	4	3	48475.17	Y	N	Basement	Single Family(Res Use/Zone)
183866	4	3	194528.4	Y	N	Basement	Single Family(Res Use/Zone)
307890	4	2	9985.75	Y	N	Basement	Single Family(Res Use/Zone)
82007	4	6	38638.07	Y	Y	Basement	Single Family(Res Use/Zone)
75579	4	3	21550.5	Y	N	Basement	Single Family(Res Use/Zone)
73908	4	2	65509.18	Y	N	Basement	Single Family(Res Use/Zone)
73839	4	5	25825.54	Y	N	Basement	Single Family(Res Use/Zone)
77813	4	3	54991.56	Y	N	Basement	Single Family(Res Use/Zone)
181128	4	4	31931.06	Y	N	Basement	Single Family(Res Use/Zone)
184633	4	2	6785.22	Y	N	Basement	Single Family(Res Use/Zone)
88181	4	4	13337.36	Y	N	Basement	Single Family(Res Use/Zone)
184104	4	2	75185.75	Y	N	Crawl Space	Apartment(Mixed Use)
80652	4	6	352329.5	Y	Y	Basement	Single Family(Res Use/Zone)
80554	4	3	19210.42	Y	N	Vacant	Vacant(Commercial)
184065	4	2	60172.18	Y	N	Vacant	Vacant(Commercial)
184082	4	2	8885.37	Y	N	Basement	Single Family(Res Use/Zone)
83308	4	2	6842.2	Y	N	Basement	
28377	4	2	42440.18	Y	N	Basement	
48559	4	2	34485.55	Y	N	Vacant	
184627	4	2	16569.05	Y	N	Basement	Single Family(Res Use/Zone)
184385	4	2	10462.48	Y	N	Crawl Space	Single Family(Res Use/Zone)
56942	4	4	103813.3	Y	Y	Crawl Space	Single Family(Res Use/Zone)

184982	4	2	33923.04	Y	N	Basement	Single Family(Res Use/Zone)
2457	4	3	58426.76	Y	N	Basement	Single Family(Res Use/Zone)
28378	4	5	53594.58	Y	N	Basement	Single Family(Res Use/Zone)
56990	4	3	48728.52	Y	N	Basement	Single Family(Res Use/Zone)
184164	4	2	28489.76	Y	N	Basement	Single Family(Res Use/Zone)
184157	4	2	36113.41	Y	N	Basement	Single Family(Res Use/Zone)
69310	4	10	96864.63	Y	Y	Crawl Space	Single Family(Res Use/Zone)
184134	4	2	13668.13	Y	N	Basement	Single Family(Res Use/Zone)
184440	4	2	17851.48	Y	N	Basement	Single Family(Res Use/Zone)
80558	4	5	18792.08	Y	N	Basement	Single Family(Res Use/Zone)
80913	4	2	9156.72	Y	N	Vacant	
75589	4	2	2655.99	Y	N	Basement	Single Family(Res Use/Zone)
184802	4	2	163739.6	Y	N	Crawl Space	Single Family(Res Use/Zone)
286885	4	2	29316.23	Y	N	Basement	Single Family(Res Use/Zone)
73909	4	2	31902.72	Y	N	Basement	Single Family(Res Use/Zone)
74147	4	4	22419.09	Y	N	Basement	Single Family(Res Use/Zone)

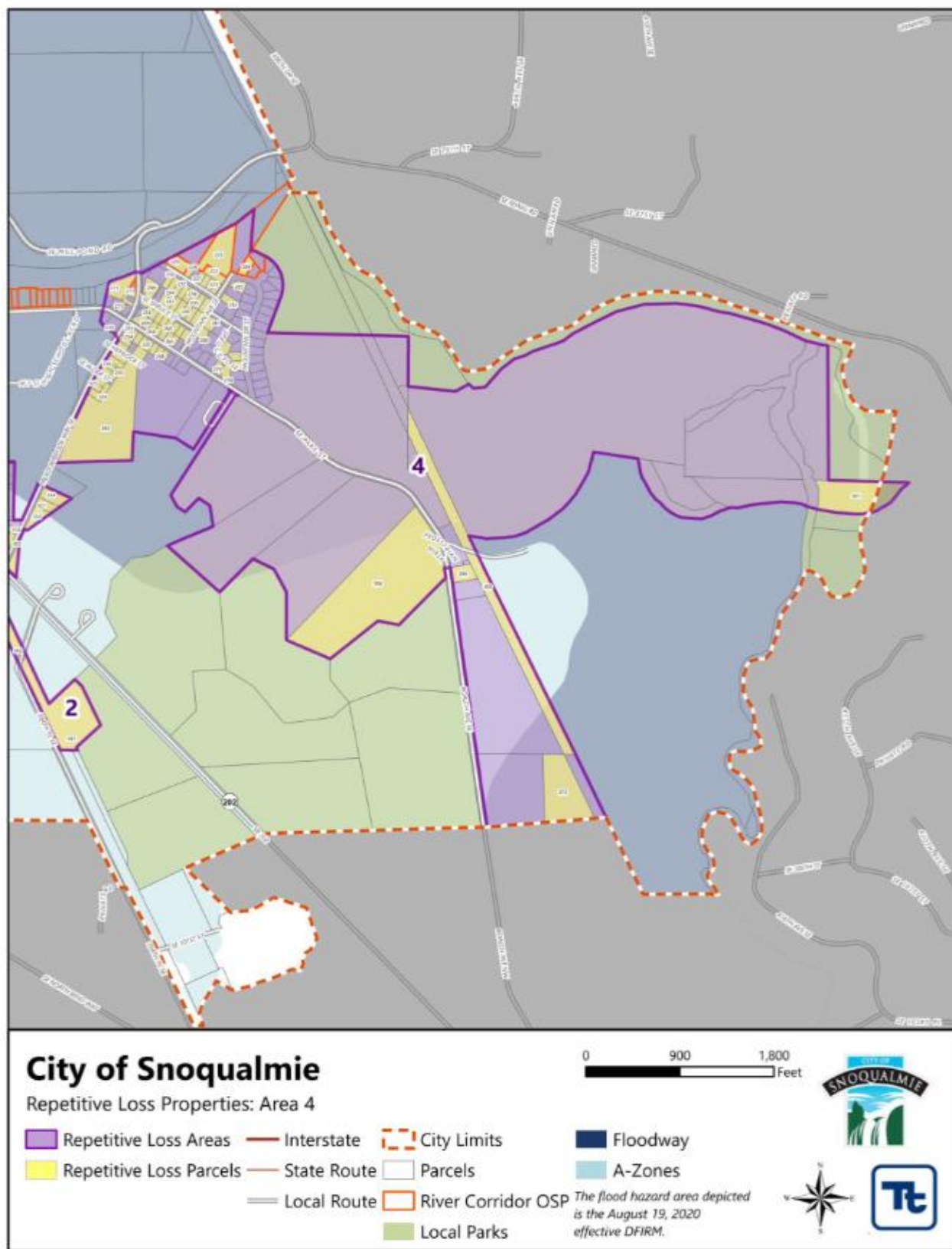
Additional Properties Included in Repetitive Loss Area

Tetra Tech completed an assessment of each of the 373 properties within the 4 repetitive loss areas. King County Property Reports were last updated July 2022 and are considered the best available data for current parcel photos, present land use, condition assessment of structure, foundation type, and building data. All data was reviewed alongside aerial photography from Google Earth, King County Iparcel, and King County data sheets for site assessments.

Probable mitigation measures for the 373 properties within the 4 repetitive loss areas apply to RL-designated and non-RL-designated structures based on the identified sources of flooding.

Repetitive Loss Area 4 Summary		
Foundation	ALL Structures in RLA4	Probable Mitigation Measures
Crawlspace	Common foundation type in RLA4	Drainage maintenance and Elevation. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
Slab	Foundation type not common in RLA4	Drainage maintenance and Elevation. Structural elevation to current freeboard standards or freeboard requirements based on funding source. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration. Wet floodproofing techniques may be considered where allowed by regulations.
Basement	Common foundation type in RLA4	Drainage maintenance and Elevation. Elevation actions may include filling in the basement with an approved material to adjust the first-floor level for flood insurance and potential flood risk reduction. Elevating the utilities of the property may support flood risk reduction. Levels of dry floodproofing may be an appropriate risk reduction technique. Enhanced levels of drainage improvements to reduce ponding along foundation walls and installing backwater valve are additional measures for property owners to take into consideration.
	Acquisition and Demolition – River Corridor	4 identified parcels within RLA4 are identified for future acquisition and demolition mitigation actions. These 4 parcels within the River Corridor would become greenspace and serve as open space preservation.
	Acquisition and Demolition – Master Plan	N/A
	Capital Improvement Plan	The City's maintained Capital Improvement Plan includes a drainage system maintenance and replacement program, stormwater pond improvement program, drainage improvement projects, riverbank restoration, and other stormwater management and floodplain management projects.

7.4.1 Map of Repetitive Loss Area



City of Snoqualmie, Washington Repetitive Loss Area Analysis

PART 3—REPETITIVE LOSS AREA ACTION PLAN

8. REPETITIVE LOSS AREA ANALYSIS

8.1 MITIGATION ACTIONS

This *City of Snoqualmie, Washington, Repetitive Loss Area Analysis* was created in accordance to the prerequisites for CRS participation. Mitigation Actions reviewed fall in the following categories:

- Preventive
- Property Protection
- Natural Resource Protection
- Emergency Services
- Structural Projects
- Public Information

Each repetitive loss property and similar property deemed to be adjacent were evaluated by the above six (6) actions. The decision that best fit the individual situation and was most feasible:

- Drainage Maintenance and/or,
- Elevation,
- Various levels of wet or dry floodproofing techniques where applicable

8.2 ANNUAL EVALUATION REPORT

The City will prepare an annual evaluation report for its area analyses to meet the credit criteria of CRS Activity 510- RLAA. The report will include a review of each action item, including a description of what was implemented or not implemented, and recommended changes to the actions items as appropriate. The report will be made available to the media and the public and will be submitted with the annual CRS recertification.

9. PLAN ADOPTION

The City of Snoqualmie governing board formally adopted the *City of Snoqualmie, Washington Repetitive Loss Area Analysis* on **DATE – provided by Community**. A copy of the resolution is provided in Appendix D.

REFERENCES

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- U.S. Army Corps of Engineers 2003 *Generic Depth-Damage Relationships for Residential Structures March 2006* <https://www.mvn.usace.army.mil/Portals/56/docs/PD/Donaldsv-Gulf.pdf> Accessed 2020

TERMINOLOGY

ACRONYMS

CFR—Code of Federal Regulations CRS—

Community Rating System ESA—Endangered

Species Act

FEMA—Federal Emergency Management Agency FIRM—Flood Insurance Rate Map GIS—Geographic

Information System Hazus—MH—Hazards, United States-Multi Hazard NFIP—National Flood Insurance

Program NIMS—National Incident Management System RL—repetitive loss

RLAA—repetitive loss area analysis

DEFINITIONS

100-Year Flood: The flood that has a 1 percent chance of being equaled or exceeded in any given year. The 100-year flood does not necessarily occur once every 100 years. It is possible for a 100-year flood to occur more than once in a relatively short period of time.

Base Flood: Another term for the 100-year flood—the flood having a 1 percent chance of being equaled or exceeded in any given year. The base flood is used as a reference flood level to ensure that all properties subject to the National Flood Insurance Program are protected to the same degree against flooding.

Benefit-Cost Analysis: A systematic, quantitative method of comparing projected benefits to projected costs of a project or policy. It is used as a measure of cost effectiveness. For the purposes of benefit-cost analysis of proposed mitigation actions, benefits are limited to specific, measurable, risk reduction factors, including reduction in expected property losses (buildings, contents, and functions) and protection of human life.

Community Rating System (CRS): A voluntary program that provides flood insurance premium discounts to property owners in communities that exceed the minimum requirements of the National Flood Insurance Program and complete activities that reduce flood hazard risk.

Drainage Basin: A basin is the area within which all surface water—whether from rainfall, snowmelt, springs or other sources—flows to a single water body or watercourse. The boundary of a river basin is defined by natural topography, such as hills, mountains, and ridges. Drainage basins are also referred to as **watersheds** or **basins**.

Exposure: The number and dollar value of assets considered to be at risk during the occurrence of a specific hazard.

Flash Flood: A flood that occurs with little or no warning when water levels rise at an extremely fast rate.

Flood Insurance Rate Map (FIRM): The official map on which the Federal Emergency Management Agency delineates special flood hazard area for a given location.

Flood Insurance Study: A report published by the Federal Insurance and Mitigation Administration for a community in conjunction with the community's Flood Insurance Rate Map. The study contains such background data as the base flood discharges and water surface elevations that were used to prepare the FIRM. In most cases, a community FIRM with detailed mapping will have a corresponding flood insurance study.

Floodplain: Any land area susceptible to being inundated by flood waters from any source. A flood insurance rate map identifies most, but not necessarily all, of a community's floodplain as the special flood hazard area.

Goal: A general guideline that explains what is to be achieved. Goals are usually broad-based, long-term, policy-type statements and represent global visions. Goals help define the benefits that a plan is trying to achieve. The success of a floodplain management plan is measured by the degree to which its goals have been met (that is, by the benefits in terms of actual floodplain management).

Geographic Information System (GIS): A computer software application that relates data regarding physical and other features on the earth to a database for mapping and analysis.

Hazard: A source of potential danger or adverse condition that could harm people and/or cause property damage.

Hazard Mitigation Grant Program: A FEMA program that provides grants to states, tribes, and local governments to implement hazard mitigation actions after a major disaster declaration. The purpose of the program is to reduce the loss of life and property due to disasters and to enable mitigation activities to be implemented as a community recovers from a disaster

Hazards U.S. Multi-Hazard (Hazus) Loss Estimation Program: A GIS-based program used to support the development of risk assessments. The Hazus software program assesses risk in a quantitative manner to estimate damage and losses associated with natural hazards. Hazus is FEMA's nationally applicable, standardized methodology and software program and contains modules for estimating potential losses from earthquakes, floods, and wind hazards.

Inventory: A list of assets identified in a study region that could be lost when a disaster occurs and community resources are at risk. Assets include people, buildings, transportation, and other valued community resources.

Local Government: Any county, municipality, city, town, township, public authority, school district, special district, intrastate district, council of governments, regional or interstate government entity, or agency or instrumentality of a local government; any Indian tribe or authorized tribal organization, or Alaska Native village or organization; and any rural community, unincorporated town or village, or other public entity.

Mitigation: A preventive action that can be taken in advance of an event that will reduce or eliminate risk to life or property.

Mitigation Actions: Mitigation actions are specific actions to achieve goals and objectives that minimize the effects from a disaster and reduce the loss of life and property.

Objective: A short-term aim that, when combined with other objectives, forms a strategy or course of action to meet a goal. Unlike goals, objectives are specific and measurable.

Preparedness: Actions that strengthen the capability of government, citizens, and communities to respond to disasters.

Repetitive Loss Property: Any NFIP-insured property that, since 1978 and regardless of any changes of ownership during that period, has experienced:

- Four or more paid flood losses in excess of \$1000.00; or
- Two paid flood losses in excess of \$1000.00 within any 10-year period since 1978 or
- Three or more paid losses that equal or exceed the current value of the insured property.

Risk: The estimated impact that a hazard would have on people, services, facilities, and structures in a community. Risk measures the likelihood of a hazard occurring and resulting in an adverse condition that causes injury or damage. Risk is often expressed in relative terms such as a high, moderate, or low likelihood of sustaining damage above a particular threshold due to occurrence of a specific type of hazard. Risk also can be expressed in terms of potential monetary losses associated with the intensity of the hazard.

Risk Assessment: The process of measuring potential loss of life, personal injury, economic injury, and property damage resulting from hazards. This process assesses the vulnerability of people, buildings, and infrastructure to hazards and focuses on (1) hazard identification; (2) impacts of hazards on physical, social, and economic assets; (3) vulnerability identification; and (4) estimates of the cost of damage or costs that could be avoided through mitigation.

Special Flood Hazard Area: The base floodplain delineated on a Flood Insurance Rate Map. This area is mapped as a Zone A in river situations and zone V in coastal situations. It may or may not encompass all of a community's flood problems

Stakeholder: Business leaders, civic groups, academia, non-profit organizations, major employers, managers of critical facilities, farmers, developers, special purpose districts, and others whose actions could impact floodplain management.

Vulnerability: An asset's susceptibility to damage during a hazard event. Vulnerability depends on an asset's construction, contents, and the economic value of its functions.

Watershed: An area that drains down-gradient from areas of higher land to areas of lower land to the lowest point, a common drainage basin.

Zoning Ordinance: An ordinance that designates allowable land use and intensities for a local jurisdiction. Zoning ordinances consist of two components: a zoning text and a zoning map.

City of Snoqualmie, Washington Repetitive Loss Area Analysis

Appendix A. Generic Depth-Damage Relationships for Residential Structures

CECW-PG

10 October 2003

MEMORANDUM FOR: *SEE DISTRIBUTION*

SUBJECT: Economic Guidance Memorandum (EGM) 04-01, Generic Depth-Damage Relationships for Residential Structures with Basements.

1. Purpose. The purpose of this memorandum is to release, and provide guidance for the use of, generic depth-damage curves for use in U.S. Army Corps of Engineers flood damage reduction studies.
2. Background. Proper planning and evaluation of flood damage reduction projects require knowledge of actual damage caused to various types of properties. The primary purpose of the Flood Damage Data Collection Program is to meet that requirement by providing Corps district offices with standardized relationships for estimating flood damage and other costs of flooding, based on actual losses from flood events. Under this program, data have been collected from major flooding that occurred in various parts of the United States from 1996 through 2001. Damage data collected are based on comprehensive accounting of losses from flood victims' records. The generic functions developed and provided in this EGM represent a substantive improvement over other generalized depth-damage functions such as the Flood Insurance Administration (FIA) Rate Reviews.
3. Results. Generic damage functions are attached for one-story homes with basement, two or more story homes with basement, and split-level homes with basement. Generic damage functions for similar structures without basements were published in 2000 and are included as enclosure 1 for ready reference.
 - a. Regression analysis was used to create the damage functions. While several independent variables, such as flood duration and flood warning lead-time, were examined in building the models, the models that were most efficient in explaining the percent damage to structure and contents were quadratic and cubic forms with depth as the only independent variable.
 - b. Content damage was modeled with the dependent variable being content damage as a percentage of structure value. This differs from the previous technique of first developing content valuations and then content damage relationships as a function of content valuations. The generic content damage models are statistically significant and their use eliminates the need to establish content-to-structure ratios through surveys.
 - c. While the data collected include information on all aspects of National Economic Development (NED) losses, only results and recommendations related to the structure and content damages for homes with basements are included in this EGM.

Direct costs for cleanup expenses, unpaid hours for cleanup and repair, emergency damage prevention actions, and other flood-related costs are not included in these damage functions. Information on other residential flood costs, beyond those included in these damage functions will be found in the summary report, discussed in paragraph 5. These costs should be developed using site-specific historical information.

4. Application. The following paragraphs provide information on the application of the generic curves within the HEC-FDA damage calculation program.

a. The economic section of HEC-FDA divides the quantification of flood damages into a direct method and an indirect method. The direct method allows the user to directly enter a stage-damage relationship for any structure. This approach is commonly used for large or unique properties such as industrial or public buildings. The indirect method quantifies the stage-damage relationship for a group of structures that have significant commonality. Typically damage to residential structures is calculated using the indirect method. The procedures described in the following paragraphs apply only when using the indirect method to determine the stage-damage relationship.

b. The traditional approach to quantifying damage to contents by the indirect method relies on three pieces of information: 1) structure value; 2) content-to-structure value ratio; and 3) the content depth-damage relationship. The content-to-structure value ratio and content depth-damage relationship are unique to the structure occupancy type to which a structure is assigned. The content depth-damage relationship provides the estimate of content flood damage as a percentage of content value. Thus, to calculate a content stage-damage function for an individual structure, the structure value for an individual structure is first multiplied by the content-to-structure value ratio to provide an estimate of the content value. This content value is then multiplied by each percent damage value of the content depth-damage relationship.

c. The new content depth-damage functions provided herein are different from those used by the Corps in the past in one important aspect. The new functions calculate content damage as a percent of structure value rather than content value. Using these functions within HEC-FDA requires care in specifying a content-to-structure value ratio. To understand the requirements for using the new content depth-damage functions requires a basic understanding of how HEC-FDA calculates content damage.

(1). To calculate damages by the indirect method, each structure must be assigned to a structure occupancy type. For each structure occupancy type a content-to-structure value ratio and content depth-damage relationship are defined. These data for calculating content damage within HEC-FDA is entered on the “Study Structure Occupancy Type” screen. As long as a content value is not entered for a structure in the Structure Inventory Data, HEC-FDA calculates the content stage-damage by first calculating content using the structure value multiplied by the content-to-structure value ratio.

In some instances, however, analysts develop unique estimates of content values for a structure, which are entered for the individual structure on the Structure Inventory Data screen. For each structure that has a content value entered, calculating a content value by using the content-to-structure value ratio is ignored and the user entered content value is used to calculate content damage.

(2). The new content depth-damage functions do not require this intermediate step of calculating content values. Therefore, the content-to-structure value ratio for each structure occupancy type using the new content depth-damage relationships must be set to one hundred percent (100). This forces the content depth-damage function to be multiplied by the structure value as required. Also, the “Error Associated with Content/Structure Value” on the “Study Structure Occupancy Type” screen

should be left blank. This implies that the error in content-to-structure value ratio is part of the new content depth-damage relationship.

(3). Because entering a content value on the Structure Inventory Data window overrides the content-to-structure value ratio, the new content depth-damage relationship should not be used for structures that have separately entered content values.

(4). Questions concerning the use of the generic curves within the HEC-FDA model can be addressed to Dr. David Moser, Institute of Water Resources (IWR), (703)428-8066.

5. Report. A report summarizing the data collection effort and analyses performed to derive these curves will shortly be available on the IWR website. More information may be obtained by contacting the program's principal investigator, Stuart Davis, (703) 428- 7086.

6. Waiver to Policy. These curves are developed for nation-wide applicability in flood damage reduction studies. When using these curves, the requirement to develop site-specific depth-damage curves contained in ER 1105-2-100, E-19q.(2) is waived. Additionally, the requirement to develop content valuations and content-to-structure ratios based on site-specific or comparable floodplain information, ER 1005-2-100, E- 19q.(1)(a), is also waived. Note these waivers currently apply only to single-family homes with and without basements for which generic curves have been published, and not other categories of flood inundation damages for which no generic curves exist. Feasibility reports must state the generic curves are being used in the flood damage analysis for residential structures with and/or without basements. Use of these curves is optional and analysts should always endeavor to use the best available information to accurately quantify the damages and benefits in inundation reduction studies.

7. Point of Contact. Administrators of the Flood Damage Data Collection Program continue to collect and analyze flood-related damages to both residential and commercial properties. The HQUSACE program monitor is Lillian Almodovar, (202) 761-4233, who can address any questions concerning the program.

FOR THE COMMANDER:

/s/

Encl

WILLIAM R. DAWSON, P.E.

Chief, Planning and Policy Division
Directorate of Civil Works

DISTRIBUTION:

North Atlantic Division, ATTN: CENAD-ET-P South Atlantic Division, ATTN: CESAD-ET-P

Great Lakes/Ohio River Division: ATTN: CELRD-E-P
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Pacific Ocean Division, ATTN: CEPOD-ET-E

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Mississippi Valley Division: ATTN: CEMVD-PM

DAMAGE FUNCTIONS **FOR SINGLE FAMILY RESIDENTIAL STRUCTURES** **WITH BASEMENTS**

Structure Depth-Damage

Table 1 Structure One Story, With Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-8	0%	0
-7	0.7%	1.34
-6	0.8%	1.06
-5	2.4%	0.94
-4	5.2%	0.91
-3	9.0%	0.88
-2	13.8%	0.85
-1	19.4%	0.83
0	25.5%	0.85
1	32.0%	0.96
2	38.7%	1.14
3	45.5%	1.37
4	52.2%	1.63
5	58.6%	1.89
6	64.5%	2.14
7	69.8%	2.35
8	74.2%	2.52
9	77.7%	2.66
10	80.1%	2.77
11	81.1%	2.88
12	81.1%	2.88
13	81.1%	2.88
14	81.1%	2.88
15	81.1%	2.88
16	81.1%	2.88

Table 2 Structure Two or More Stories, With Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-8	1.7%	2.70
-7	1.7%	2.70
-6	1.9%	2.11
-5	2.9%	1.80
-4	4.7%	1.66
-3	7.2%	1.56
-2	10.2%	1.47
-1	13.9%	1.37
0	17.9%	1.32
1	22.3%	1.35
2	27.0%	1.50
3	31.9%	1.75
4	36.9%	2.04
5	41.9%	2.34
6	46.9%	2.63
7	51.8%	2.89
8	56.4%	3.13
9	60.8%	3.38
10	64.8%	3.71
11	68.4%	4.22
12	71.4%	5.02
13	73.7%	6.19
14	75.4%	7.79
15	76.4%	9.84
16	76.4%	12.36

Table 3 Structure Split Level, With Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-8		
-7		
-6	2.5%	1.8%
-5	3.1%	1.6%
-4	4.7%	1.5%
-3	7.2%	1.6%
-2	10.4%	1.6%
-1	14.2%	1.6%
0	18.5%	1.6%
1	23.2%	1.7%
2	28.2%	1.9%
3	33.4%	2.1%
4	38.6%	2.4%
5	43.8%	2.6%
6	48.8%	2.9%
7	53.5%	3.2%
8	57.8%	3.4%
9	61.6%	3.6%
10	64.8%	3.9%
11	67.2%	4.2%
12	68.8%	4.8%
13	69.3%	5.7%
14	69.3%	5.7%
15	69.3%	5.7%
16	69.3%	5.7%

Content Depth-Damage

Table 4 Content One Story, With Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-8	0.1%	1.60
-7	0.8%	1.16
-6	2.1%	0.92
-5	3.7%	0.81
-4	5.7%	0.78
-3	8.0%	0.76
-2	10.5%	0.74
-1	13.2%	0.72
0	16.0%	0.74
1	18.9%	0.83
2	21.8%	0.98
3	24.7%	1.17
4	27.4%	1.39
5	30.0%	1.60
6	32.4%	1.81
7	34.5%	1.99
8	36.3%	2.13
9	37.7%	2.25
10	38.6%	2.35
11	39.1%	2.45
12	39.1%	2.45
13	39.1%	2.45
14	39.1%	2.45
15	39.1%	2.45
16	39.1%	2.45

Table 5 Content Two or More Stories-With Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-8	0%	0
-7	1.0%	2.27
-6	2.3%	1.76
-5	3.7%	1.49
-4	5.2%	1.37
-3	6.8%	1.29
-2	8.4%	1.21
-1	10.1%	1.13
0	11.9%	1.09
1	13.8%	1.11
2	15.7%	1.23
3	17.7%	1.43
4	19.8%	1.67
5	22.0%	1.92
6	24.3%	2.15
7	26.7%	2.36
8	29.1%	2.56
9	31.7%	2.76
10	34.4%	3.04
11	37.2%	3.46
12	40.0%	4.12
13	43.0%	5.08
14	46.1%	6.39
15	49.3%	8.08
16	52.6%	10.15

Table 6
Content
Split-Level-With Basement

Depth	Mean of Damage	Standard Deviation of Damage
-8	0.6%	2.09
-7	0.7%	1.49
-6	1.4%	1.14
-5	2.4%	1.01
-4	3.8%	1.00
-3	5.4%	1.02
-2	7.3%	1.03
-1	9.4%	1.04
0	11.6%	1.06
1	13.8%	1.12
2	16.1%	1.23
3	18.2%	1.38
4	20.2%	1.57
5	22.1%	1.76
6	23.6%	1.95
7	24.9%	2.13
8	25.8%	2.28
9	26.3%	2.44
10	26.3%	2.44
11	26.3%	2.44
12	26.3%	2.44
13	26.3%	2.44
14	26.3%	2.44
15	26.3%	2.44
16	26.3%	2.44

**ENCLOSURE DAMAGE
FUNCTIONS
FOR SINGLE FAMILY RESIDENTIAL
STRUCTURES WITHOUT BASEMENTS**

Structure One Story, No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	2.5%	2.7%
0	13.4%	2.0%
1	23.3%	1.6%
2	32.1%	1.6%
3	40.1%	1.8%
4	47.1%	1.9%
5	53.2%	2.0%
6	58.6%	2.1%
7	63.2%	2.2%
8	67.2%	2.3%
9	70.5%	2.4%
10	73.2%	2.7%
11	75.4%	3.0%
12	77.2%	3.3%
13	78.5%	3.7%
14	79.5%	4.1%
15	80.2%	4.5%
16	80.7%	4.9%

Structure Two or More Stories-No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	3.0%	4.1%
0	9.3%	3.4%
1	15.2%	3.0%
2	20.9%	2.8%
3	26.3%	2.9%
4	31.4%	3.2%
5	36.2%	3.4%
6	40.7%	3.7%
7	44.9%	3.9%
8	48.8%	4.0%
9	52.4%	4.1%
10	55.7%	4.2%
11	58.7%	4.2%
12	61.4%	4.2%
13	63.8%	4.2%
14	65.9%	4.3%
15	67.7%	4.6%
16	69.2%	5.0%

Structure Split-Level-No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	6.4%	2.9%
0	7.2%	2.1%
1	9.4%	1.9%
2	12.9%	1.9%
3	17.4%	2.0%
4	22.8%	2.2%
5	28.9%	2.4%
6	35.5%	2.7%
7	42.3%	3.2%
8	49.2%	3.8%
9	56.1%	4.5%
10	62.6%	5.3%
11	68.6%	6.0%
12	73.9%	6.7%
13	78.4%	7.4%
14	81.7%	7.9%
15	83.8%	8.3%
16	84.4%	8.7%

Content		
One Story, No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	2.4%	2.1%
0	8.1%	1.5%
1	13.3%	1.2%
2	17.9%	1.2%
3	22.0%	1.4%
4	25.7%	1.5%
5	28.8%	1.6%
6	31.5%	1.6%
7	33.8%	1.7%
8	35.7%	1.8%
9	37.2%	1.9%
10	38.4%	2.1%
11	39.2%	2.3%
12	39.7%	2.6%
13	40.0%	2.9%
14	40.0%	3.2%
15	40.0%	3.5%
16	40.0%	3.8%

Content		
Two or More Stories-No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	1.0%	3.5%
0	5.0%	2.9%
1	8.7%	2.6%
2	12.2%	2.5%
3	15.5%	2.5%
4	18.5%	2.7%
5	21.3%	3.0%
6	23.9%	3.2%
7	26.3%	3.3%
8	28.4%	3.4%
9	30.3%	3.5%
10	32.0%	3.5%
11	33.4%	3.5%
12	34.7%	3.5%
13	35.6%	3.5%
14	36.4%	3.6%
15	36.9%	3.8%
16	37.2%	4.2%

Content		
Split-Level-No Basement		
Depth	Mean of Damage	Standard Deviation of Damage
-2	0%	0%
-1	2.2%	2.2%
0	2.9%	1.5%
1	4.7%	1.2%
2	7.5%	1.3%
3	11.1%	1.4%
4	15.3%	1.5%
5	20.1%	1.6%
6	25.2%	1.8%
7	30.5%	2.1%
8	35.7%	2.5%
9	40.9%	3.0%
10	45.8%	3.5%
11	50.2%	4.1%
12	54.1%	4.6%
13	57.2%	5.0%
14	59.4%	5.4%
15	60.5%	5.7%
16	60.5%	6.0%

City of Snoqualmie, Washington Repetitive Loss Area Analysis

Appendix B. Letter to Repetitive Loss Area Residents

C. FEDERAL AND STATE AGENCIES, PROGRAMS AND REGULATIONS

Existing laws, ordinances, plans and programs at the federal and state level can support or impact flood hazard mitigation actions identified in this plan. The following federal and state programs have been identified as programs that may interface with the actions identified in this plan. Each program enhances capabilities to implement recommended actions or has a nexus with a recommended action in this plan.

FEDERAL

National Flood Insurance Program

The NFIP makes federally backed flood insurance available to homeowners, renters, and business owners in participating communities that enact floodplain regulations. For most participating communities, FEMA has prepared a detailed Flood Insurance Study. The study presents water surface elevations for floods of various magnitudes, including the 100-year flood (or base flood) and the 500-year flood. Base flood elevations and the boundaries of the 100- and 500-year floodplains are shown on Flood Insurance Rate Maps (FIRMs), which are the principle tool for identifying the extent and location of the flood hazard. FIRMs are the most detailed and consistent data source available, and for many communities they represent the minimum area of oversight under their floodplain management program.

Participants in the NFIP must, at a minimum, regulate development in floodplain areas in accordance with NFIP criteria. Before issuing a permit to build in a flood-prone area, participating jurisdictions must, at a minimum, ensure that the project meets the following criteria (44 CFR Part 60, Section 60.3):

- Be designed (or modified) and adequately anchored to prevent flotation, collapse, or lateral movement of the structure resulting from hydrodynamic and hydrostatic loads, including the effects of buoyancy,
- Be constructed with materials resistant to flood damage
- Be constructed by methods and practices that minimize flood damage
- Be constructed with electrical, heating, ventilation, plumbing, and air conditioning equipment and other service facilities that are designed or located so as to prevent water from entering or accumulating within the components during conditions of flooding.

Additional criteria apply depending on the availability of information about the flood hazard.

Community Rating System

The CRS is a voluntary program within the NFIP that encourages floodplain management activities that exceed the minimum NFIP requirements. Flood insurance premiums are discounted to reflect the reduced flood risk resulting from community actions to meet the CRS goals of reducing flood losses, facilitating accurate insurance rating and promoting awareness of flood insurance.

For participating communities, flood insurance premium rates are discounted in increments of 5 percent. For example, a Class 9 community would receive a 5 percent premium discount, a Class 8 community would receive a 10 percent premium discount, and so on, until reaching a 45 percent premium discount for a Class 1 community. (Class 10 communities are those that do not participate in the CRS; they receive no discount.) The CRS classes for local communities are based on 18 creditable activities in the following categories:

- Public information
- Mapping and regulations
- Flood damage reduction
- Flood preparedness.

CRS activities can help to save lives and reduce property damage. Communities participating in the CRS represent a significant portion of the nation's flood risk; over 66 percent of the NFIP's policy base is located in these communities. Communities receiving premium discounts through the CRS range from small to large and represent a broad mixture of flood risks, including both coastal and riverine flood risks.

Disaster Mitigation Act

The federal Disaster Mitigation Act (DMA) of 2000 (Public Law 106-390) provides the legal basis for FEMA mitigation planning requirements for state, local and Indian tribal governments as a condition of mitigation grant assistance. The DMA replaced previous federal mitigation planning provisions with new requirements that emphasize the need for planning entities to coordinate mitigation planning and implementation efforts. The DMA established a new requirement for local mitigation plans and authorized up to 7 percent of Hazard Mitigation Grant Program funds to be available for development of state, local, and Indian tribal mitigation plans.

Biggert-Waters Flood Insurance Reform Act of 2012 and Homeowner Flood Insurance Affordability Act of 2014

The Biggert-Waters Flood Insurance Reform Act of 2012 authorized and funded a national mapping program. It also authorized insurance premium rate increases to ensure the fiscal soundness of the NFIP by transitioning the program from subsidized rates, also known as artificially low rates, to offer full actuarial rates reflective of risk.

The Homeowner Flood Insurance Affordability Act of 2014 repealed parts of Biggert-Waters, restoring grandfathering, putting limits on certain rate increases and updating the approach to ensuring the fiscal soundness of the fund by applying an annual surcharge to all policyholders.

Endangered Species Act

The federal Endangered Species Act (ESA) was enacted in 1973 to conserve species facing depletion or extinction and the ecosystems that support them. The act sets forth a process for determining which species are threatened and endangered and requires the conservation of the critical habitat in which those species live. The ESA provides broad protection for species of fish, wildlife and plants that are listed as threatened or endangered. Provisions are made for listing species, as well as for recovery plans and the designation of critical habitat for listed species. The ESA outlines procedures for federal agencies to follow when taking actions that may jeopardize listed species and contains exceptions and exemptions. It is the enabling legislation for the Convention on International Trade in Endangered Species of Wild Fauna and Flora. Criminal and civil penalties are provided for violations of the ESA and the Convention.

In some parts of the country, including the Pacific Northwest and the Sacramento-San Joaquin Delta area, court rulings have found that floodplain management measures can be in conflict with the goals of the endangered species act. Those rulings have required FEMA and local governments to engage in a consultation process with federal wildlife agencies (Section 7 of the ESA) as they work to develop certain floodplain management programs, plans and projects.

Clean Water Act

The federal Clean Water Act (CWA) employs regulatory and non-regulatory tools to reduce direct pollutant discharges into waterways, finance municipal wastewater treatment facilities, and manage polluted runoff. These tools are employed to achieve the broader goal of restoring and maintaining the chemical, physical, and biological integrity of the nation's surface waters so that they can support "the protection and propagation of fish, shellfish, and wildlife and recreation in and on the water."

Evolution of CWA programs over the last decade has included a shift from a program-by-program, source-by-source, pollutant-by-pollutant approach to more holistic watershed-based strategies. Under the watershed approach, equal emphasis is placed on protecting healthy waters and restoring impaired ones. A full array of issues are addressed, not just those subject to CWA regulatory authority. Involvement of stakeholder groups in the development and implementation of strategies for achieving and maintaining water quality and other environmental goals is a hallmark of this approach.

National Incident Management System

The National Incident Management System (NIMS) is a systematic approach for government, nongovernmental organizations, and the private sector to work together to manage incidents involving floods and other hazards. The NIMS provides a flexible but standardized set of incident management practices. Incidents typically begin and end locally, and they are managed at the lowest possible geographical, organizational, and jurisdictional level. In other instances, success depends on the involvement of multiple jurisdictions, levels of government, functional agencies, and emergency-responder disciplines. These instances necessitate coordination across this spectrum of organizations. Communities using NIMS follow a comprehensive national approach that improves the effectiveness of emergency management and response personnel across the full spectrum of potential hazards (including natural hazards, terrorist activities, and other human-caused disasters) regardless of size or complexity.

Americans with Disabilities Act

The Americans with Disabilities Act (ADA) seeks to prevent discrimination against people with disabilities in employment, transportation, public accommodation, communications, and government activities. The most recent amendments became effective in January 2009 (Public Law 110-325). Title II of the ADA deals with compliance with the Act in emergency management and disaster-related programs, services, and activities. It applies to state and local governments as well as third parties, including religious entities and private nonprofit organizations.

The ADA has implications for sheltering requirements and public notifications. During an emergency alert, officials must use a combination of warning methods to ensure that all residents have any necessary information. Those with hearing impairments may not hear radio, television, sirens, or other audible alerts, while those with visual impairments may not see flashing lights or visual alerts. Two stand-alone technical documents have been issued for shelter operators to meet the needs of people with disabilities. These documents address physical accessibility as well as medical needs and service animals.

The ADA also intersects with disaster preparedness programs in regards to transportation, social services, temporary housing, and rebuilding. Persons with disabilities may require additional assistance in evacuation and

transit (e.g., vehicles with wheelchair lifts or paratransit buses). Evacuation and other response plans should address the unique needs of residents. Local governments may be interested in implementing a special-needs registry to identify the home addresses, contact information, and needs for residents who may require more assistance.

Public Law 8499, Flood Control and Coastal Emergencies

Federal law that gives the U.S. Army Corps of Engineers the legal authority to conduct emergency preparation, response, and recovery activities and to supplement local efforts in the repair of flood damage reduction projects that have been damaged by floods. Under Public Law 8499, the Corps' Chief of Engineers is authorized to undertake activities including disaster preparedness, advance measures to prevent or reduce damage when there is an imminent threat of unusual flooding, emergency operations (flood response and post-flood response), rehabilitation of flood control works threatened or destroyed by flood, protection or repair of federally authorized shore protective works threatened or damaged by coastal storm, and provision of emergency water in the event of drought or contaminated source.

City of Snoqualmie, Washington, Repetitive Loss Area Analysis

Appendix D. RLAA Adoption Resolution



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB24-054
May 13, 2024
Ordinance

Item 9.

AGENDA BILL INFORMATION

TITLE:	AB24-054: Text Amendments for House Bill 1220 Compliance	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Move to adopt Ordinance No. 1291 amending various sections of Ch. 17.10 and 17.55 of the Snoqualmie Municipal Code to satisfy the requirements of HB 1220.	<input checked="" type="checkbox"/> Action Needed: <input type="checkbox"/> Motion <input checked="" type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director	Emily Arteche	Click or tap to enter a date.
	Finance	n/a	Click or tap to enter a date.
	Legal	David Linehan	5/2/2024
	City Administrator	Mike Chambless	5/6/2024

DEPARTMENT:	Community Development		
	STAFF: Andrew Levins, Contract Land Use Planner		
	COMMITTEE: Community Development		DATE: May 6, 2024
	EXHIBITS: 1. AB24-054x1 Ordinance and Code Amendment Emergency Housing 2. Emergency Housing Crosswalk		

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUESTED	\$ n/a

SUMMARY

INTRODUCTION

HB 1220 requires that cities define several specific types of supportive housing and shelter uses in their land use code, and specifies what zones those uses must be allowed in. The proposed text amendments would bring the SMC into compliance with the requirements of House Bill ("HB") 1220.

LEGISLATIVE HISTORY

On April 15, 2024 the Planning Commission recommended the draft code amendments for approval to the City Council. On May 6, 2024: The Community Development Committee reviewed the draft code amendments and forwarded them to the City Council for action.

BACKGROUND

In 2021, the Washington State Legislature and the Governor signed HB 1220, amending the RCW to require cities plan for and accommodate housing affordable to all segments of the population as part of their comprehensive plans. HB 1220 also requires that cities define several types of supportive housing and shelter land uses in their code, and allow those uses within specific zones.

The deadline for cities to amend their municipal codes is September 30, 2021. These requirements have not been incorporated into the SMC; therefore, the SMC is currently out of compliance with the requirements of HB 1220.

ANALYSIS

The Snoqualmie Municipal Code currently defines “shelters for temporary placement” and “special needs housing” as uses that provide housing to persons on a temporary basis or for a duration not to exceed four weeks. These uses alone are insufficient to meet the minimum State requirements, which mandate that the City of Snoqualmie specifically address emergency housing or shelter, permanent supportive housing, and transitional housing facilities, as defined by the State. Consistent with this requirement, the proposed amendment defines three new land use classifications: “Emergency Housing or Shelter,” “Permanent Supportive Housing,” and “Transitional Housing Facilities,” and modifies the City’s land use table to incorporate these uses as follows:

- Emergency Housing or Shelter uses must be allowed in any zone within the City where motels are allowed.
- Permanent Supportive Housing and Transitional Housing uses must be allowed in any zone within the City where motels or residential dwelling units are allowed.

HB 1220 also requires that the City of Snoqualmie update its Comprehensive Plan Housing Element to “plan for and accommodate” housing affordable to all income levels and the required changes to the SMC demonstrate the City’s ability to do this. The Comprehensive Plan update is part of a separate effort and not under consideration as part of this current amendments to the SMC. Please see the attached Exhibit 2, Emergency Housing Crosswalk for a complete analysis of how these new regulations fit into the existing SMC.

BUDGET IMPACTS

N/A

NEXT STEPS

Discussion and first reading of Ordinance No. 1291 amending the Snoqualmie Municipal Code for emergency housing, permanent supportive housing, and transitional housing.

PROPOSED ACTION

Move to adopt Ordinance No. 1291 amending various sections of Ch. 17.10 and 17.55 of the Snoqualmie Municipal Code to satisfy the requirements of HB 1220.

ORDINANCE NO. 1291**AN ORDINANCE OF THE CITY OF SNOQUALMIE, WASHINGTON, AMENDING VARIOUS SECTIONS OF CHAPTER 17.10 AND CHAPTER 17.55 OF THE SNOQUALMIE MUNICIPAL CODE FOR COMPLIANCE WITH THE REQUIREMENTS OF RCW 35A.21.430 AND HB 1220**

WHEREAS, during its 2021 session, the Washington State Legislature passed and the Governor signed HB 1220, codified as RCW 35A.21.430, with the intent of “[s]upporting emergency shelters and housing through local planning and development regulations”; and

WHEREAS, the requirements of RCW 35A.21.430 became effective on July 25, 2021; and

WHEREAS, the Snoqualmie Municipal Code does not specifically define or regulate permanent supportive housing, transitional housing, emergency housing, or emergency shelters as district land uses; and

WHEREAS, the Snoqualmie Municipal Code currently provides definitions for and regulates shelters for temporary placement and special needs housing, which alone are insufficient to satisfy the requirements of RCW 35A.21.430; and

WHEREAS, Comprehensive Plan Policy 4.2.4 directs the City to assure that land use regulations allow for the siting and operating of emergency, transitional and permanent special needs housing, and ensure that sufficient land is zoned to allow their location near shops, services and transit; and

WHEREAS, the required 60-day notice was sent to the State of Washington Department of Commerce on February 6, 2024; and

WHEREAS, a SEPA DNS was issued for this non-project action on April 3, 2024; and

WHEREAS, the Planning Commission held a duly noticed public hearing on April 15, 2024, to receive testimony on the proposed code amendments; and

WHEREAS, the Planning Commission, by motion on May 3, 2024, recommended approval of the proposed amendments; and

WHEREAS, the Community Development Committee of the Snoqualmie City Council reviewed the Planning Commission's recommendation on May 6, 2024; and

WHEREAS, the Snoqualmie City Council has considered the recommendations of the Community Development Committee, the Planning Commission, and City Administration and has determined to take the actions set forth in this ordinance:

NOW, THEREFORE, BE IT HEREBY ORDAINED by the City Council of the City of Snoqualmie, Washington, as follows:

Section 1. Amendment of SMC 17.10.040. Snoqualmie Municipal Code section 17.10.040 is hereby amended to add a new definition for the term "Emergency Housing or Shelter" as shown in Exhibit A, attached hereto.

Section 2. Amendment of SMC 17.10.095. Snoqualmie Municipal Code section 17.10.095 is hereby amended to add a new definition for the term "Permanent supportive housing" as shown in Exhibit A, attached hereto.

Section 3. Amendment of SMC 17.10.110. The definition of "Special needs housing" in Snoqualmie Municipal Code section 17.10.110 is hereby amended as shown in Exhibit A, attached hereto.

Section 4. Amendment of SMC 17.10.115. The definition of "Transitional housing facilities" in Snoqualmie Municipal Code section 17.10.115 is hereby amended as shown in Exhibit A, attached hereto.

Section 5. Amendment of SMC 17.55.020 SMC. Snoqualmie Municipal Code section 17.55.020, Table 1 is hereby amended as shown in Exhibit A, attached hereto.

Section 6. Severability. If any one or more section, subsection, or sentence of this ordinance or the Snoqualmie Municipal Code amendments adopted in Section 1 herein is held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portion of this ordinance or the Snoqualmie Municipal Code sections, and the same shall remain in full force and effect.

Section 7. Corrections by City Clerk or Code Reviser. Upon approval of the City Attorney, the City Clerk, and either the Community Development Department Director or the Parks and Public Works Department Director, as applicable, code revisers are authorized to make necessary corrections to this ordinance and Snoqualmie Municipal Code sections, including the correction of clerical errors; references to other local, state or federal laws, codes, rules, or regulations; or ordinance or Snoqualmie Municipal Code section numbering and section/subsection numbering.

Section 8. Effective Date. This ordinance shall be effective five (5) days after passage and publication, as provided by law.

PASSED by the City Council of the City of Snoqualmie, Washington, this 28th day of May 2024.

Katherine Ross, Mayor

ATTEST:

APPROVED AS TO FORM:

Deana Dean, City Clerk

David Linehan, Interim City Attorney

EXHIBIT A

SMC 17.10.040 “E” Definition

“Emergency Housing or Shelter” means temporary indoor accommodations for individuals or families who are homeless or at imminent risk of becoming homeless that is intended to address the basic health, food, clothing, and personal hygiene needs of individuals or families. Emergency housing or shelter may or may not require occupants to enter into a lease or an occupancy agreement. These facilities may include day and warming centers that do not provide overnight accommodations.

SMC 17.10.095 “P” Definitions

“Permanent supportive housing” is subsidized, leased housing with no limit on length of stay that prioritizes people who need comprehensive support services to retain tenancy and utilizes admissions practices designed to use lower barriers to entry than would be typical for other subsidized or unsubsidized rental housing, especially related to rental history, criminal history, and personal behaviors. Permanent supportive housing is paired with on-site or off-site voluntary services designed to support a person living with a complex and disabling behavioral health or physical health condition who was experiencing homelessness or was at imminent risk of homelessness prior to moving into housing to retain their housing and be a successful tenant in a housing arrangement, improve the resident’s health status, and connect the resident of the housing with community-based health care, treatment, or employment services. Permanent supportive housing is subject to all of the rights and responsibilities defined in chapter 59.18 RCW.

SMC 17.10.110 “S” Definitions

“Special needs housing” means housing that is provided for persons and, where applicable, their dependents who, by virtue of disability or other personal factors, face impediments to independent living and who require special assistance and services in order to sustain appropriate housing on a permanent, long-term or transitional basis. Special needs housing includes shelters for temporary placement and group homes, for up to six residents in care, that function as a single housekeeping unit and provide supportive services, including but not limited to counseling, rehabilitation and medical supervision.

SMC 17.10.115 “T” Definitions

“Transitional housing facilities” means a project that provides housing and supportive services to homeless persons or families for up to two years and that has as its purpose facilitating the movement of homeless persons and families into independent living.

SMC 17.55.020 Table of Uses

Table 1 lists uses that are regulated by the zoning code, except unclassified uses in Chapter 17.60 SMC, and uses within the mixed use district, Chapter 17.30 SMC. The uses are listed and a corresponding letter is printed for each zoning district. The letter “X” means the use is prohibited for that particular district. The letter “P” designates uses that are permitted in a particular district. The letter “C” means that a use may be permitted in a particular district, subject to a conditional use permit. The presumption established by this chapter is that all legitimate uses of land are permissible within at least one zoning district. Therefore, because the list of permissible uses set forth cannot be all-inclusive, those uses that are listed shall be interpreted liberally to include other uses that have similar impacts to the listed uses.

Table 1. Table of Uses

Land Use Descriptions		R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII		OS-1	OS-2	OS-3	UP
1.0	Residential																
1.1	Single-Family Dwellings																
	1.1.1 Site-Built, Modular and Designated Manufactured Home	P	P	P ⁶	P	X	X	P ⁶	X	X	X	X	X	X	X	X	X
	1.1.2 Accessory Dwelling Unit	P	P	P	P	X	X	P	X	X	X	X	X	X	X	X	X
	1.1.3 Co-Housing	C	C	C	P	X	X	C	X	X	X	X	X	X	X	X	X
1.2	Multiple-Family Dwellings	X	X	P	P	X	X	P	X	X	X	X	X	X	X	X	X
1.3	Homes Emphasizing Special Services or Supervision																
	1.3.1 Day Care I	P	P	P	P	X	X	P	P	P	X	X	X	X	X	X	X
	1.3.2 Day Care II	C	C	X	C	P ¹	P	P	P	P	P	P	X	X	X	X	X
	1.3.3 Special Needs Housing	C	C	C	C	X	X	C	X	X	P	X	X	X	X	X	X
	1.3.4 Permanent Supportive Housing	P	P	P	P	P	P	P	P	P	P	X	X	X	X	X	X
	1.3.5 Transitional Housing	P	P	P	P	P	P	P	P	P	P	X	X	X	X	X	X
	1.3.6 Emergency Housing or Shelter	X	X	X	X	P	P	P	P	P	P	X	X	X	X	X	X
1.4	Miscellaneous Rooms for Rent Situations																
	1.4.1 Bed and Breakfast	C	C	X	C	C ¹	C	C	P	P	X	X	X	X	X	X	X
	1.4.2 Boarding Houses	X	X	X	C	C ¹	C	C	C	C	C	X	X	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII		OS-1	OS-2	OS-3	UP
1.5	1.	Second Story SF or MF Dwelling Units above Nonresidential Uses	X	X	X	C	P	P	P	P	P	C	C	X	X	X	X	X
1.6	1.	Home Occupations	P	P	P	P	P	P	P	P	P	P	P	X	X	X	X	X
2.0	2.	Commercial/Business																
2.1	2.	Retail/Service																
		2.1.1 Groceries/Supermarket	X	X	X	X	P	P	P	X	P	C	P	X	X	X	X	X
		2.1.2 Convenience Stores	X	X	X	P	P	P	P	X	P	C	P	X	X	X	X	X
		2.1.3 Retail Sales	X	X	X	P ⁴	P	P	P	P ⁵	P	X	P	X	X	X	X	X
		2.1.4 Retail Services	X	X	X	P ⁴	P	P	P	P	P	X	P	X	X	X	X	X
		2.1.4a Hair/Beauty/Nail Salon	X	X	X	P ⁴	P	P	P	P	P	X	P	X	X	X	X	X
		2.1.4b Tattoo Parlor	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X	X
		2.1.4c Shoe Repair	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X	X
		2.1.4d Copy/Print/Photo Shop	X	X	X	X	P ¹	P	P	P	P	P	P	P	X	X	X	X
		2.1.5 Commercial Services	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X	X
		2.1.5a Banks	X	X	X	X	X	P	P	P	P	X	P	X	X	X	X	X
		2.1.5b Check Cashing/Quick Loan Stores	X	X	X	X	X	X	X	X	P	X	X	X	X	X	X	X
		2.1.5c Pawn Shops	X	X	X	X	X	X	X	X	P	X	X	X	X	X	X	X
		2.1.5d Dry Cleaner	X	X	X	X	X	P	P	P	P	X	P	X	X	X	X	X
		2.1.6 Art Galleries	X	X	X	P	P	P	P	P ⁵	P	X	P	X	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCI	I	OS-1	OS-2	OS-3	UP
		2.1.7 Restaurants and Taverns	X	X	X	P	P	P	C/P ⁷	P ⁵	P	X	C	X	X	X	X	X
		2.1.8 Formula Take-Out Food Restaurants	X	X	X	X	P ³	X	P ⁵	P ⁵	X	X	X	X	X	X	X	X
		2.1.9 Espresso/Snack Stands	X	X	X	X	P	X	P ⁵	P ⁵	P	P	P	X	X	X	X	X
		2.1.10 Drive-Through Associated with Restaurant or Espresso/Snack Stand	X	X	X	X	X	P	X	X	P	X	C	X	X	X	X	X
2.	2.	Office/Professional																
		2.2.1 Professional Services	X	X	X	P	P ¹	P	P	P	P	P	P	X	X	X	X	X
		2.2.2 Corporate Offices	X	X	X	X	P ¹	P	P	P	P	P	P	C	X	X	X	X
		2.2.3 Call Centers	X	X	X	X	X	X	X	X	X	P	P	X	X	X	X	X
		2.2.4 Data Centers	X	X	X	X	X	X	X	X	X	C	C	X	X	X	X	X
2.	3	Entertainment Uses																
		2.3.1 Theater, Auditorium	X	X	X	P	P	P	P	P	P	C	P	C	X	X	X	X
		2.3.2 Enclosed Commercial Recreation (bowling, arcades, etc.)	X	X	X	P	P	P	P	X	P	X	X	X	X	X	X	X
		2.3.3 Unenclosed Commercial Recreation (mini-golf, batting cages, amusement rides, etc.)	X	X	X	X	X	X	X	X	P	C	C	C	X	X	X	X
2.	4	Hotels and Motels	X	X	X	X	C	C	C	C	C	C	X	X	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCI	I	OS-1	OS-2	OS-3	UP
2.5	Wholesale Sales		X	X	X	X	X	C	C	C	P	P	P	C	X	X	X	X
2.6	Small Animal Veterinarian Clinic		X	X	X	C	X	P	P	P	P	C	P	X	X	X	X	X
2.7	Automotive Uses																	
	2.7.1 Vehicle Sales		X	X	X	X	X	X	X	X	X	X	P	X	X	X	X	X
	2.7.2 Gas Stations		X	X	X	X	X	X	X	X	X	X	P ²	P ²	X	X	X	X
	2.7.3 Vehicle Service/Repair		X	X	X	X	X	X	X	X	P	X	P	P	X	X	X	X
	2.7.4 Autobody/Painting		X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
	2.7.5 Car Wash		X	X	X	X	X	X	X	X	P	X	P	P	X	X	X	X
	2.7.6 Towing Services		X	X	X	X	X	X	X	X	C	C	X	P	X	X	X	X
2.8	Funeral Home/Crematory		X	X	X	X	X	X	X	X	P	P	P	P	X	X	X	X
2.9	Cemetery		C	C	X	C	X	X	X	C	C	C	C	X	X	X	X	X
3.0	Industrial Uses																	
3.1	Light Industrial/Manufacturing		X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
3.2	Commercial Warehouse		X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
3.3	Resource Extraction		X	X	X	X	X	X	X	X	X	X	X	C	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII		OS-1	OS-2	OS-3	UP
3.4	Heavy/Resource-Based Industrial		X	X	X	X	X	X	X	X	X	X	X	C ²	X	X	X	X
3.5	Salvage/Junk Yard		X	X	X	X	X	X	X	X	X	X	X	C ²	X	X	X	X
3.6	Specialty Light Industrial/Manufacturing		X	X	X	X	C	C	C	C	C	X	P	P	X	X	X	X
4.0	Institutional																	
4.1	Schools (elementary, middle, or high school)		C	C	X	C ¹	C ¹	C	C	C	C	C	C	C	X	X	X	X
4.2	Churches and Religious Institutions		C	C	X	P ¹	P ¹	P	P	P	P	X	P	C	X	X	X	X
4.3	Health Services																	
	4.3.1 Hospitals		X	X	X	X	X	X	C	C	C	P	P	C	X	X	X	X
	4.3.2 Extended Care Facilities		X	X	X	X	X	X	X	X	X	P	P	X	X	X	X	X
	4.3.3 Assisted Living Quarters		X	X	X	X	X	X	X	P	P	P	P	X	X	X	X	X
4.4	Museums/Interpretive Centers		C	C	X	P	P	P	P	P	P	P	P	C	C	C	P	C
4.5	Community Centers		C	C	X	P	P	P	P	P	P	P	P	C	C	C	X	C
4.6	Social/Fraternal/Youth Clubs, Lodges, Halls		X	X	X	X	P ¹	P	P	P	P	P	P	P	X	X	X	X
5.0	Recreation																	

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCI	I	OS-1	OS-2	OS-3	UP
5.1	Golf Course		C	C	X	P	X	X	X	X	X	X	X	C	X	C	X	X
5.2	Country Club		C	X	X	P	X	P	P	P	P	C	P	C	X	C	X	X
5.3	Swimming Pool		C	C	X	P	X	P	P	P	P	C	P	C	X	C	X	X
5.4	Riding Stables		C	X	X	C	X	X	X	X	X	X	P	X	C	C	X	X
6.0	Public Service																	
6.1	Parks and Open Space		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6.2	Public Utilities		P	P	X	C	C	P	P	P	P	P	P	P	C	C	C	P
6.3	Municipal Government Facilities																	
	6.3.1 Police and Fire		C	C	X	P	P	P	P	P	P	P	P	P	X	X	X	P
	6.3.2 Offices		X	X	C	P	P	P	P	P	P	P	P	P	X	X	X	P
	6.3.3 Library		X	C	C	P	P	P	P	P	P	P	P	P	X	X	X	X
	6.3.4 Wastewater Treatment Plant		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P
7.0	Agricultural																	
7.1	Commercial Greenhouse		C	C	X	C	X	C	C	C	C	C	P	P	C	C	X	X

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Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PC	II	OS-1	OS-2	OS-3	UP
	7.2	Commercial Farm/U-Pick	P	C	X	C	X	X	X	X	C	C	P	C	C	C	X	X
	7.3	Large Animal Veterinarian Facility	C	X	X	X	X	C	C	C	C	X	P	C	X	X	X	X
	7.4	Public/Pea Patch Gardens	P	P	P	P	X	P	P	P	P	P	P	P	P	P	X	P
8.0	Storage and Parking																	
	8.1	Commercial/Municipal Parking Lot	X	X	X	C	P	P	P	P	P	C	P	P	X	P	X	X
	8.2	Enclosed Commercial Storage Facility	X	X	X	X	X	X	X	X	X	C	P	P	X	X	X	X
	8.3	Outdoor Storage Lot	X	X	X	X	X	X	X	X	X	C	P	P	X	X	X	X

42 ¹ Second floor only within downtown retail overlay district per Chapter [17.37](#) SMC.

43 ² Outside floodplain only.

44 ³ Must meet all applicable historic district standards, Chapter [17.35](#) SMC.

45 ⁴ Subject to planned residential standards, SMC [17.15.050](#).

46 ⁵ Allowed as ground floor uses only as part of a vertical mixed use building.

47 ⁶ Must comply with design standards applicable to other residential uses in this zone.

48 ⁷ Conditional for all parcels except those with a storefront block frontage. Permitted for parcels with a storefront block
49 frontage.

ORDINANCE NO. [REDACTED]**AN ORDINANCE OF THE CITY OF SNOQUALMIE, WASHINGTON,
AMENDING VARIOUS SECTIONS OF CHAPTER 17.10 AND CHAPTER
17.55 OF THE SNOQUALMIE MUNICIPAL CODE FOR COMPLIANCE
WITH THE REQUIREMENTS OF RCW 35A.21.430 AND HB 1220**

WHEREAS, during its 2021 session, the Washington State Legislature passed and the Governor signed HB 1220, codified as RCW 35A.21.430, with the intent of “[s]upporting emergency shelters and housing through local planning and development regulations”; and

WHEREAS, the requirements of RCW 35A.21.430 became effective on July 25, 2021; and

WHEREAS, the Snoqualmie Municipal Code does not specifically define or regulate permanent supportive housing, transitional housing, emergency housing, or emergency shelters as district land uses; and

WHEREAS, the Snoqualmie Municipal Code currently provides definitions for and regulates shelters for temporary placement and special needs housing, which alone are insufficient to satisfy the requirements of RCW 35A.21.430; and

WHEREAS, Comprehensive Plan Policy 4.2.4 directs the City to assure that land use regulations allow for the siting and operating of emergency, transitional and permanent special needs housing, and ensure that sufficient land is zoned to allow their location near shops, services and transit; and

WHEREAS, the required 60-day notice was sent to the State of Washington Department of Commerce on February 6, 2024; and

WHEREAS, a SEPA DNS was issued for this non-project action on April 3, 2024; and

WHEREAS, the Planning Commission held a duly noticed public hearing on April 15, 2024, to receive testimony on the proposed code amendments; and

WHEREAS, the Planning Commission, by motion on May 3, 2024, recommended approval of the proposed amendments; and

WHEREAS, the Community Development Committee of the Snoqualmie City Council reviewed the Planning Commission’s recommendation on May 6, 2024; and

WHEREAS, the Snoqualmie City Council has considered the recommendations of the Community Development Committee, the Planning Commission, and City Administration and has determined to take the actions set forth in this ordinance:

NOW, THEREFORE, BE IT HEREBY ORDAINED by the City Council of the City of Snoqualmie, Washington, as follows:

Section 1. Amendment of SMC 17.10.040. Snoqualmie Municipal Code section 17.10.040 is hereby amended to add a new definition for the term “Emergency Housing or Shelter” as shown in Exhibit A, attached hereto.

Section 2. Amendment of SMC 17.10.095. Snoqualmie Municipal Code section 17.10.095 is hereby amended to add a new definition for the term “Permanent supportive housing” as shown in Exhibit A, attached hereto.

Section 3. Amendment of SMC 17.10.110. The definition of “Special needs housing” in Snoqualmie Municipal Code section 17.10.110 is hereby amended as shown in Exhibit A, attached hereto.

Section 4. Amendment of SMC 17.10.115. The definition of “Transitional housing facilities” in Snoqualmie Municipal Code section 17.10.115 is hereby amended as shown in Exhibit A, attached hereto.

Section 5. Amendment of SMC 17.55.020 SMC. Snoqualmie Municipal Code section 17.55.020, Table 1 is hereby amended as shown in Exhibit A, attached hereto.

Section 6. Severability. If any one or more section, subsection, or sentence of this ordinance or the Snoqualmie Municipal Code amendments adopted in Section 1 herein is held to be unconstitutional or invalid, such decision shall not affect the validity of the remaining portion of this ordinance or the Snoqualmie Municipal Code sections, and the same shall remain in full force and effect.

Section 7. Corrections by City Clerk or Code Reviser. Upon approval of the City Attorney, the City Clerk, and either the Community Development Department Director or the Parks and Public Works Department Director, as applicable, code revisers are authorized to make necessary corrections to this ordinance and Snoqualmie Municipal Code sections, including the correction of clerical errors; references to other local, state or federal laws, codes, rules, or regulations; or ordinance or Snoqualmie Municipal Code section numbering and section/subsection numbering.

Section 8. Effective Date. This ordinance shall be effective five (5) days after passage and publication, as provided by law.

PASSED by the City Council of the City of Snoqualmie, Washington, this 27th day of May 2024.

Katherine Ross, Mayor

Attest:

Approved as to form:

Deana Dean, City Clerk

David Linehan, Interim City Attorney

EXHIBIT A

SMC 17.10.040 “E” Definition

“Emergency Housing or Shelter” means temporary indoor accommodations for individuals or families who are homeless or at imminent risk of becoming homeless that is intended to address the basic health, food, clothing, and personal hygiene needs of individuals or families. Emergency housing or shelter may or may not require occupants to enter into a lease or an occupancy agreement. These facilities may include day and warming centers that do not provide overnight accommodations.

SMC 17.10.095 “P” Definitions

“Permanent supportive housing” is subsidized, leased housing with no limit on length of stay that prioritizes people who need comprehensive support services to retain tenancy and utilizes admissions practices designed to use lower barriers to entry than would be typical for other subsidized or unsubsidized rental housing, especially related to rental history, criminal history, and personal behaviors. Permanent supportive housing is paired with on-site or off-site voluntary services designed to support a person living with a complex and disabling behavioral health or physical health condition who was experiencing homelessness or was at imminent risk of homelessness prior to moving into housing to retain their housing and be a successful tenant in a housing arrangement, improve the resident’s health status, and connect the resident of the housing with community-based health care, treatment, or employment services. Permanent supportive housing is subject to all of the rights and responsibilities defined in chapter 59.18 RCW.

SMC 17.10.110 “S” Definitions

“Special needs housing” means housing that is provided for persons and, where applicable, their dependents who, by virtue of disability or other personal factors, face impediments to independent living and who require special assistance and services in order to sustain appropriate housing on a permanent, long-term or transitional basis. Special needs housing includes shelters for temporary placement and group homes, for up to six residents in care, that function as a single housekeeping unit and provide supportive services, including but not limited to counseling, rehabilitation and medical supervision.

SMC 17.10.115 “T” Definitions

“Transitional housing facilities” means a project that provides housing and supportive services to homeless persons or families for up to two years and that has as its purpose facilitating the movement of homeless persons and families into independent living.

SMC 17.55.020 Table of Uses

Table 1 lists uses that are regulated by the zoning code, except unclassified uses in Chapter 17.60 SMC, and uses within the mixed use district, Chapter 17.30 SMC. The uses are listed and a corresponding letter is printed for each zoning district. The letter “X” means the use is prohibited for that particular district. The letter “P” designates uses that are permitted in a particular district. The letter “C” means that a use may be permitted in a particular district, subject to a conditional use permit. The presumption established by this chapter is that all legitimate uses of land are permissible within at least one zoning district. Therefore, because the list of permissible uses set forth cannot be all-inclusive, those uses that are listed shall be interpreted liberally to include other uses that have similar impacts to the listed uses.

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Deleted: , transitional housing facilities and

Deleted: housing units within the city owned by public housing authorities, nonprofit organizations or other public interest groups that provide housing to persons on a temporary basis for a duration not to exceed 24 months in conjunction with job training, self-sufficiency training, and human services counseling; the purpose of which is to help persons make the transition from homelessness to placement in permanent housing.

Table 1. Table of Uses

Land Use Descriptions		R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PC	II	OS-1	OS-2	OS-3	UP
1.0	Residential																
1.1	Single-Family Dwellings																
	1.1.1 Site-Built, Modular and Designated Manufactured Home	P	P	P ⁶	P	X	X	P ⁶	X	X	X	X	X	X	X	X	X
	1.1.2 Accessory Dwelling Unit	P	P	P	P	X	X	P	X	X	X	X	X	X	X	X	X
	1.1.3 Co-Housing	C	C	C	P	X	X	C	X	X	X	X	X	X	X	X	X
1.2	Multiple-Family Dwellings	X	X	P	P	X	X	P	X	X	X	X	X	X	X	X	X
1.3	Homes Emphasizing Special Services or Supervision																
	1.3.1 Day Care I	P	P	P	P	X	X	P	P	P	X	X	X	X	X	X	X
	1.3.2 Day Care II	C	C	X	C	P ¹	P	P	P	P	P	P	X	X	X	X	X
	1.3.3 Special Needs Housing	C	C	C	C	X	X	C	X	X	P	X	X	X	X	X	X
	1.3.4 Permanent Supportive Housing	P	P	P	P	P	P	P	P	P	P	X	X	X	X	X	X
	1.3.5 Transitional Housing	P	P	P	P	P	P	P	P	P	P	X	X	X	X	X	X
	1.3.6 Emergency Housing or Shelter	X	X	X	X	P	P	P	P	P	P	X	X	X	X	X	X
1.4	Miscellaneous Rooms for Rent Situations																
	1.4.1 Bed and Breakfast	C	C	X	C	C ¹	C	C	P	P	X	X	X	X	X	X	X
	1.4.2 Boarding Houses	X	X	X	C	C ¹	C	C	C	C	C	X	X	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions		R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII	OS-1	OS-2	OS-3	UP
1.5	Second Story SF or MF Dwelling Units above Nonresidential Uses	X	X	X	C	P	P	P	P	P	C	C	X	X	X	X
1.6	Home Occupations	P	P	P	P	P	P	P	P	P	P	P	X	X	X	X
2.0	Commercial/Business															
2.1	Retail/Service															
	2.1.1 Groceries/Supermarket	X	X	X	X	P	P	P	X	P	C	P	X	X	X	X
	2.1.2 Convenience Stores	X	X	X	P	P	P	P	X	P	C	P	X	X	X	X
	2.1.3 Retail Sales	X	X	X	P ⁴	P	P	P	P ⁵	P	X	P	X	X	X	X
	2.1.4 Retail Services	X	X	X	P ⁴	P	P	P	P	P	X	P	X	X	X	X
	2.1.4a Hair/Beauty/Nail Salon	X	X	X	P ⁴	P	P	P	P	P	X	P	X	X	X	X
	2.1.4b Tattoo Parlor	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X
	2.1.4c Shoe Repair	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X
	2.1.4d Copy/Print/Photo Shop	X	X	X	X	P ¹	P	P	P	P	P	P	X	X	X	X
	2.1.5 Commercial Services	X	X	X	X	P ¹	P	P	P	P	X	P	X	X	X	X
	2.1.5a Banks	X	X	X	X	X	P	P	P	P	X	P	X	X	X	X
	2.1.5b Check Cashing/Quick Loan Stores	X	X	X	X	X	X	X	X	P	X	X	X	X	X	X
	2.1.5c Pawn Shops	X	X	X	X	X	X	X	X	P	X	X	X	X	X	X
	2.1.5d Dry Cleaner	X	X	X	X	X	P	P	P	P	X	P	X	X	X	X
	2.1.6 Art Galleries	X	X	X	P	P	P	P	P ⁵	P	X	P	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII	OS-1	OS-2	OS-3	UP
		2.1.7 Restaurants and Taverns	X	X	X	P	P	P	C/P ⁷	P ⁵	P	X	C	X	X	X	X
		2.1.8 Formula Take-Out Food Restaurants	X	X	X	X	P ³	X	P ⁵	P ⁵	X	X	X	X	X	X	X
		2.1.9 Espresso/Snack Stands	X	X	X	X	P	X	P ⁵	P ⁵	P	P	P	X	X	X	X
		2.1.10 Drive-Through Associated with Restaurant or Espresso/Snack Stand	X	X	X	X	X	P	X	X	P	X	C	X	X	X	X
2.	2.	Office/Professional															
		2.2.1 Professional Services	X	X	X	P	P ¹	P	P	P	P	P	P	X	X	X	X
		2.2.2 Corporate Offices	X	X	X	X	P ¹	P	P	P	P	P	C	X	X	X	X
		2.2.3 Call Centers	X	X	X	X	X	X	X	X	X	P	P	X	X	X	X
		2.2.4 Data Centers	X	X	X	X	X	X	X	X	X	C	C	X	X	X	X
2.	3.	Entertainment Uses															
		2.3.1 Theater, Auditorium	X	X	X	P	P	P	P	P	P	C	P	C	X	X	X
		2.3.2 Enclosed Commercial Recreation (bowling, arcades, etc.)	X	X	X	P	P	P	P	X	P	X	X	X	X	X	X
		2.3.3 Unenclosed Commercial Recreation (mini-golf, batting cages, amusement rides, etc.)	X	X	X	X	X	X	X	X	P	C	C	C	X	X	X
2.	4.	Hotels and Motels	X	X	X	X	C	C	C	C	C	C	X	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII	OS-1	OS-2	OS-3	UP	
	2.5	Wholesale Sales	X	X	X	X	X	C	C	C	P	P	P	C	X	X	X	X
	2.6	Small Animal Veterinarian Clinic	X	X	X	C	X	P	P	P	P	C	P	X	X	X	X	X
	2.7	Automotive Uses																
		2.7.1 Vehicle Sales	X	X	X	X	X	X	X	X	X	X	P	X	X	X	X	X
		2.7.2 Gas Stations	X	X	X	X	X	X	X	X	X	X	P ²	P ²	X	X	X	X
		2.7.3 Vehicle Service/Repair	X	X	X	X	X	X	X	X	P	X	P	P	X	X	X	X
		2.7.4 Autobody/Painting	X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
		2.7.5 Car Wash	X	X	X	X	X	X	X	X	P	X	P	P	X	X	X	X
		2.7.6 Towing Services	X	X	X	X	X	X	X	X	C	C	X	P	X	X	X	X
	2.8	Funeral Home/Crematory	X	X	X	X	X	X	X	X	P	P	P	P	X	X	X	X
	2.9	Cemetery	C	C	X	C	X	X	X	C	C	C	C	X	X	X	X	X
3.0	Industrial Uses																	
	3.1	Light Industrial/Manufacturing	X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
	3.2	Commercial Warehouse	X	X	X	X	X	X	X	X	C	X	P	P	X	X	X	X
	3.3	Resource Extraction	X	X	X	X	X	X	X	X	X	X	X	C	X	X	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII	OS-1	OS-2	OS-3	UP	
	3.4	Heavy/Resource-Based Industrial	X	X	X	X	X	X	X	X	X	X	X	C ²	X	X	X	X
	3.5	Salvage/Junk Yard	X	X	X	X	X	X	X	X	X	X	X	C ²	X	X	X	X
	3.6	Specialty Light Industrial/Manufacturing	X	X	X	X	C	C	C	C	C	X	P	P	X	X	X	X
4.0	Institutional																	
	4.1	Schools (elementary, middle, or high school)	C	C	X	C ¹	C ¹	C	C	C	C	C	C	C	X	X	X	X
	4.2	Churches and Religious Institutions	C	C	X	P ¹	P ¹	P	P	P	P	X	P	C	X	X	X	X
	4.3	Health Services																
		4.3.1 Hospitals	X	X	X	X	X	X	C	C	C	P	P	C	X	X	X	X
		4.3.2 Extended Care Facilities	X	X	X	X	X	X	X	X	X	P	P	X	X	X	X	X
		4.3.3 Assisted Living Quarters	X	X	X	X	X	X	X	P	P	P	P	X	X	X	X	X
	4.4	Museums/Interpretive Centers	C	C	X	P	P	P	P	P	P	P	P	C	C	C	P	C
	4.5	Community Centers	C	C	X	P	P	P	P	P	P	P	P	C	C	C	X	C
	4.6	Social/Fraternal/Youth Clubs, Lodges, Halls	X	X	X	X	P ¹	P	P	P	P	P	P	P	X	X	X	X
5.0	Recreation																	

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCII	OS-1	OS-2	OS-3	UP	
	5.1	Golf Course	C	C	X	P	X	X	X	X	X	X	X	C	X	C	X	X
	5.2	Country Club	C	X	X	P	X	P	P	P	P	C	P	C	X	C	X	X
	5.3	Swimming Pool	C	C	X	P	X	P	P	P	P	C	P	C	X	C	X	X
	5.4	Riding Stables	C	X	X	C	X	X	X	X	X	X	P	X	C	C	X	X
6.0	Public Service																	
	6.1	Parks and Open Space	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
	6.2	Public Utilities	P	P	X	C	C	P	P	P	P	P	P	P	C	C	C	P
	6.3	Municipal Government Facilities																
		6.3.1 Police and Fire	C	C	X	P	P	P	P	P	P	P	P	P	X	X	X	P
		6.3.2 Offices	X	X	C	P	P	P	P	P	P	P	P	P	X	X	X	P
		6.3.3 Library	X	C	C	P	P	P	P	P	P	P	P	P	X	X	X	X
		6.3.4 Wastewater Treatment Plant	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	P
7.0	Agricultural																	
	7.1	Commercial Greenhouse	C	C	X	C	X	C	C	C	C	C	P	P	C	C	X	X

Table 1. Table of Uses

Land Use Descriptions			R-C	R-1	R-2	PR	BR-1	BR-2	FBM-U	BO	BG	OP	PCI	I	OS-1	OS-2	OS-3	UP
7.2	Commercial Farm/U-Pick		P	C	X	C	X	X	X	X	C	C	P	C	C	C	X	X
7.3	Large Animal Veterinarian Facility		C	X	X	X	X	C	C	C	C	X	P	C	X	X	X	X
7.4	Public/Pea Patch Gardens		P	P	P	P	X	P	P	P	P	P	P	P	P	P	X	P
8.0	Storage and Parking																	
8.1	Commercial/Municipal Parking Lot		X	X	X	C	P	P	P	P	P	C	P	P	X	P	X	X
8.2	Enclosed Commercial Storage Facility		X	X	X	X	X	X	X	X	X	C	P	P	X	X	X	X
8.3	Outdoor Storage Lot		X	X	X	X	X	X	X	X	X	C	P	P	X	X	X	X

51 ¹ Second floor only within downtown retail overlay district per Chapter [17.37](#) SMC.

52 ² Outside floodplain only.

53 ³ Must meet all applicable historic district standards, Chapter [17.35](#) SMC.

54 ⁴ Subject to planned residential standards, SMC [17.15.050](#).

55 ⁵ Allowed as ground floor uses only as part of a vertical mixed use building.

56 ⁶ Must comply with design standards applicable to other residential uses in this zone.

57 ⁷ Conditional for all parcels except those with a storefront block frontage. Permitted for parcels with a storefront block
58 frontage.

SMC Chapter 17	Existing Code	New Regulation HB 1220	Consistent	Not Consistent	Not Applicable
10.040	No definition.	The City must add "Emergency Housing" to its definitions and permitted uses table. This is proposed as "Emergency Housing or Shelter."	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.040	No definition.	The city must add "Emergency Shelter" to its definitions and permitted uses table. This is proposed as "Emergency Housing or Shelter."	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.115	No definition.	The city must add "Permanent Supportive Housing" to its definitions and permitted uses table.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.110	The current definition of "Special Needs Housing" includes "Transitional Housing."	As "Transitional Housing" must now be a standalone use, this change removes "Transitional Housing" from the City's existing definition of "Special Needs Housing."	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
10.115	"Transitional Housing" is currently defined but does not include all State requirements and is not a discrete use in the permitted uses table.	The city must modify its definitions of "Transitional Housing" and add it to the permitted uses table.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55.020	No "Emergency Shelter and Housing" use in current code.	This change allows Emergency Shelter and Housing in all zones where hotels are allowed.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55.020	No "Permanent Supportive Housing" use in current code.	This change allows permanent supportive housing in all zones where multifamily housing is allowed.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
55.020	No "Permanent Supportive Housing" in current code.	This change allows permanent supportive housing and transitional housing in all zones where residential dwelling units or hotels are allowed.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB24-064
May 28, 2024
Committee Report

Item 10.

AGENDA BILL INFORMATION

TITLE:	AB24-064: Environmental Element	<input type="checkbox"/> Discussion Only
PROPOSED ACTION:	Move to accept the Council Roundtable edits on the Environmental Element Goal and Policies	<input checked="" type="checkbox"/> Action Needed: <input checked="" type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input type="checkbox"/> Resolution

REVIEW:	Department Director	Emily Arteche	5/20/2024
	Finance	n/a	Click or tap to enter a date.
	Legal	n/a	2/21/2024
	City Administrator	Mike Chambless	4/4/2024

DEPARTMENT:	Community Development		
	STAFF: Emily Arteche		
	COMMITTEE: Community Development		COMMITTEE DATE: November 20, 2023
	EXHIBITS: 1. Environmental - Goal and policies PC recommendation on 4_1_24 with CC Edits and 5_13_2024		

AMOUNT OF EXPENDITURE	\$ n/a
AMOUNT BUDGETED	\$ n/a
APPROPRIATION REQUESTED	\$ n/a

SUMMARY

INTRODUCTION

The Environmental Element was the six of six Comprehensive Plan Elements to be reviewed by the City Council as part of the Comprehensive Plan Periodic Review Update, 2044. The Council has expressed a desire to acknowledge the draft work completed to date as part of an on-going review process.

LEGISLATIVE HISTORY

The Planning Commission recommended, and the City Council Community Development Committee reviewed the draft element on April 1, 2024.

BACKGROUND

The City Council reviewed the draft Environmental Element recommendation at City Council Roundtable meeting on May 13, 2024.

ANALYSIS

One minor edit was made by councilmembers at the City Council Roundtable to simplify text.

BUDGET IMPACTS

N/A

NEXT STEPS**PROPOSED ACTION**

Move to accept the Council Roundtable edits on the Environmental Element Goal and Policies shown in Exhibit 1 as part of an on-going review of the City Comprehensive Plan Periodic Review Update, 2044, subject to integration and harmonization with the other Comprehensive Plan elements under review.

1) The health, wildlife and ecosystem services and functions provided by the City's natural environment are protected and enhanced, and potential hazards to citizen health, welfare and property are minimized.

- a. Incorporate and utilize applicable best available science for purposes of designating and protecting all regulated critical areas and anadromous fisheries that need "special consideration" for their conservation and protection.
- b. Protect Snoqualmie's environmental critical areas, habitat, and the natural environment through land use plans, surface water management plans and programs, comprehensive park plans, development regulations and site-specific project review and consultation with affected Tribes.
- c. Consider areas of high wildlife movement and mortality and the needs of all roadway users when designing and building neighborhood traffic safety projects.
- d. Ensure the protection and recovery of ecosystems to provide healthy habitat and support fish, wildlife, and plant populations in a changing climate. This includes actively managing lands through controlling noxious weeds, restoring native vegetation, and monitoring project results.
- e. Coordinate with governmental agencies, non-profit organizations and Tribes to protect and enhance the environment through countywide and watershed planning, fish and wildlife resource management, and habitat protection networks across jurisdictional boundaries.
- f. Establish and maintain relations with Native American tribes for the preservation of archaeological sites and traditional cultural properties ~~that are vulnerable to climate change.~~
- g. Actively manage city forest lands to decrease climate-exacerbated risks from severe wildfires, protect residents, and improve ecosystem health and habitat and encourage others to do so.
- h. Apply Best Available Science, including Traditional Ecological Knowledge, to protect critical areas, such as wetlands, landslide hazard and erosion-prone areas, and maintain these areas in their natural condition, including native vegetation preservation.
- i. Control the spread of noxious weeds as identified by King County Noxious Weed Control Board from public properties, particularly in more fire-prone areas like roadsides and utility corridors and if possible educate citizens about the control of noxious weeds on private property.
- j. Support integrated and interdisciplinary approaches for environmental planning and assessment.
- k. Promote innovative and environmentally sensitive practices in site planning, design, materials selection, construction and maintenance.
- l. Encourage environmental stewardship on private and public lands through partnerships and voluntary efforts that protect, restore and enhance the quality and functions of critical areas and associated buffers.
- m. Support programs that ensure that all residents, regardless of race, social, or economic status, have clean air, clean water, and other elements of a healthy environment, and prioritize the

reduction of impacts to vulnerable populations that have been disproportionately affected by climate change.

2) Rivers, streams aquifer recharge areas and other water resources within the City are protected and managed for multiple beneficial uses.

- a. Preserve and protect natural surface water storage sites, such as wetlands, aquifers, streams, and water bodies as these are critical features that support hydrological functions, water quality, regulate surface flows and recharge groundwater.
- b. Coordinate the management and restoration Snoqualmie watershed through participation in the Snoqualmie Watershed Forum and the implementation of the Puget Sound Action Agenda.
- c. Coordinate with WSDOT, King County, and neighboring jurisdictions to plan and prioritize culvert upgrades and utility crossings to ensure fish passage barrier removal, adequate projected stormwater passage, and continued climate-related adaptations to handle water passage into the future throughout Snoqualmie, especially where terrestrial species connectivity can be restored simultaneously (i.e., with wider bridges).
- d. Ensure that local regulations for surface and stormwater management allow for and encourage Low-Impact Development (LID) and Natural Drainage practices. Support retrofitting basins to improve stormwater management and quality.
- e. Encourage building construction that uses alternative techniques to minimize impervious surfaces and reduce harmful impacts to the natural environment and proximate waterways.
- f. Actively investigate and promote water conservation strategies to efficiently use the City's legal access to water, and to reduce the amount of wastewater to be treated, through such measures as rotating irrigation schedules, and by incentivizing or requiring installation of water-wise landscaping throughout the City.
- g. Work with the State Department of Ecology, King County, Tribes and other stakeholders to reduce or eliminate pollution sources and protect public health.
- h. Work in conjunction with King County to take corrective action to remove contaminant loading due to failing septic systems and stormwater runoff in susceptible recharge areas.
- i. Seek funding to support stormwater retrofitting and green technologies in areas where water quality is impacted by stormwater.
- j. Natural hydraulic, hydrologic and habitat functions, and scenic and recreational values of rivers, streams, wetlands and natural drainage courses are protected.
- k. Minimize stream crossings, utilizing bridges rather than culverts whenever feasible, and minimize new utility crossing impacts, when possible, by using techniques such as bridges, tunneling, or other innovative methods.
- l. Participate in regional species protection efforts, including salmon habitat enhancement and restoration. Identify, prioritize, and eliminate physical barriers (such as fish blocking culverts), and other impediments to anadromous fish spawning and rearing habitat.

- m. Maintain infrastructure located within stream corridors in accordance with Best Management Practices that minimize water quality impacts and pursue design modifications or alternative siting options for when significant alterations are undertaken.
- n. Protect wetlands areas, functions and values within the City and urban growth area, and allow the creation of wetlands where feasible and appropriate.
- o. Restore and maintain previously disturbed wetlands and stream buffers riparian management zones and their buffers where feasible; using the correct mitigation sequencing and maintain restored buffers for optimal ecosystem services.
- p. Ensure wetland regulations allow for conservation easements and other techniques to preserve their health and existence.

3) Public health and property damage risk associated with flood and geologic hazard areas have been reduced, while preventing irreparable harm to regionally significant ecological resources.

- a. Pursue strategies to lower the City's classification rating in the federal FEMA program.
- b. Protect properties and ecological functions in the floodplain with development regulations guided by standards established by FEMA, and the Department of Ecology, and Best Available Science that incorporates climate change projections.
- c. Pursue the reduction of accelerated erosion and sedimentation due to construction and construction-related activities.
- d. Protect areas with severe geologic hazard potential, limiting development in hazard areas or requiring development to minimize grading and enhance native vegetation to the greatest extent possible.
- e. Seek to restore natural vegetative cover and natural drainage features on degraded sites, including the removal of invasive weeds as necessary.
- f. Support the implementation of the City's Hazard Mitigation Plan to reduce risks associated with floods, erosion, damages to property owners, and other observed hazards and improve development regulations.



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB24-063
May 27, 2024
Consent Agenda

Item 11.

AGENDA BILL INFORMATION

TITLE:	AB24-063: Resolution Awarding a Public Works Contract to Rodarte Construction, Inc. for Schedule A & B of The 384 th Avenue SE Sewer-Sidewalk Project	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed:
PROPOSED ACTION:	Adopt a Resolution Awarding a Public Works Contract to Rodarte Construction, Inc. for Schedule A & B of The 384 th Avenue SE Sewer-Sidewalk Project	<input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Resolution

REVIEW:	Department Director	Jeff Hamlin	5/16/2024
	Finance	Janna Walker	5/16/2024
	Legal	David Linehan	5/16/2024
	City Administrator	Mike Chambless	5/6/2024

DEPARTMENT:	Parks & Public Works		
	Patrick Fry, Project Engineer		
COMMITTEE:	Parks & Public Works	COMMITTEE DATE: May 21, 2024	
EXHIBITS:	1. AB24-063x1a (Res.)		
	2. AB24-063x1b (Contract)		
	3. AB24-063x2 (Scope of Work)		
	4. AB24-063x3 (Bid Tab)		
	5. AB24-063x3 (CIP)		

AMOUNT OF EXPENDITURE	\$ 1,621,493
AMOUNT BUDGETED	\$ 3,121,000
APPROPRIATION REQUESTED	\$ 172,381

SUMMARY

INTRODUCTION

This Agenda Bill seeks approval to award a public works contract to Rodarte Construction, Inc. for the Schedule A & B of the 384th Ave. Sewer/ Sidewalk project, and authorize the mayor to sign the contract. Schedules A & B are for the sewer replacement portion of the project.

The sewer along 384th Avenue SE is responsible for collection of wastewater from all homes along 384th Ave, the Kimball Creek neighborhood, homes along SE 92nd as well as the Snoqualmie Casino. With the expansion of the casino, the existing 10 inch PVC sewer line, is undersized as well as having a reverse grade. In order to

adequately serve the community and additional capacity at the casino a new 12-inch sewer line needs to be installed between SE Kimball Creek Dr SE and SE Newton St., resulting in roughly 2,000 linear feet of new sewer.

BACKGROUND

The existing 10-inch sewer on 384th Ave. SE was installed in 1982 and currently has a reverse grade in the sewer, due to poor soils as well as the minimal vertical drop available between the Kimball Creek bridge and SE River St. As the sewer works now, the reverse grade causes a surcharge of waste water. Replacing the line will correct the issue, as well as allow for additional capacity from the Snoqualmie Casino.

During construction, side sewer stub-outs will be installed to property lines to all homes along the construction corridor to allow for future access to the City Sewer without requiring damage to the roadway. Sewer Connection Fees will still apply to homes connecting to the sewer.

ANALYSIS

The 384th Ave. Sewer/ Sidewalk Project was advertised to contractors for bid on April 2nd, and bids were received on April 23rd. A total of 7 bids were received and the low bid came from Rodarte Construction, Inc. with a total of \$3,119,787. Engineers Estimate was \$3,691,065. The bids were broken out into 3 schedules, with schedules A & B being the sewer portion of the work, and Schedule C being for the sidewalk and drainage portion of the work. This Agenda Bill is just for the approval of Schedules A & B of the work.

BUDGET IMPACTS

Administration recommends approving a contract with Rodarte Construction, Inc. in the amount of \$1,621,493 to install a new 12-inch sewer line along 384th Street. The City incorporated the Utility Main & Drainage System Replacement Program in the 2023-2028 Capital Improvement Plan (CIP) (see Exhibit #5). The 2023-24 Amended Budget appropriates \$3,121,000 for this and other similar repair work within the Utility Capital Fund (#417). Currently, \$1,636,412 has been spent in the current biennium, with \$35,476 in outstanding contracts within the program.

This contract exceeds the remaining budgetary appropriation for the Utility Main & Drainage System Replacement Program by \$172,381, as shown below. Administration proposes using the Utility Capital Fund (#417) excess balance in order to appropriate for the \$172,381 shortfall. This fund's balance is forecasted to be \$6,015,404 in 2028, at the end of the current approved CIP. This will require a budgetary amendment, which administration will bring forward later this year.

Utility Main & Drainage System Replacement Program

2023-2024 Biennial Budget	
Beginning Budget	\$ 3,121,000
Expenditures	\$ (1,636,412)
Outstanding Contract Value <i>(Previously Approved)</i>	\$ (35,476)
Current Available Budget	\$ 1,449,112
Value of this Contract <i>(AB24-063)</i>	\$ (1,621,493)
Available Budget after AB24-063	\$ (172,381)

NEXT STEPS

Staff recommend awarding a Public Works Contract to Rodarte Construction, Inc. for Schedule A & B of The 384th Ave. SE Sewer-Sidewalk Project and authorize the mayor to sign.

PROPOSED ACTION

Motion to adopt a resolution awarding a Public Works Contract to Rodarte Construction, Inc. for the work described in Schedules A & B of The 384th Avenue SE Sewer-Sidewalk Project, and authorizing the mayor to sign the contract.

RESOLUTION NO. XXXX**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SNOQUALMIE, WASHINGTON, DETERMINING THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER, AND AWARDING A PUBLIC WORKS CONTRACT TO AND AUTHORIZING EXECUTION OF A CONTRACT WITH RODARTE CONSTRUCTION, INC., FOR THE WORK DESCRIBED IN SCHEDULES A AND B OF THE 384TH AVENUE SE SEWER-SIDEWALK PROJECT.**

WHEREAS, pursuant to Ordinance No. 448 as codified in Snoqualmie Municipal Code Section 1.08.010, the City of Snoqualmie has adopted the classification of non-charter code city, retaining the mayor-council plan of government as provided for in Chapter 35A.12 RCW; and

WHEREAS, pursuant to RCW 35A.40.210, procedures for any public work or improvement for code cities shall be governed by RCW 35.23.352; and

WHEREAS, on April 2, 2024, the City advertised the 384th Avenue SE Sewer-Sidewalk Project ("the Project") for bid, and seven responsive bids were received by the deadline of April 23, 2024; and

WHEREAS, the lowest responsive bid was from Rodarte Construction, Inc., with a bid of \$1,332,747.50 for the work on Schedule A, \$167,465.00 for the work on Schedule B, and \$1,619,574.50 for the work on Schedule C, for a total bid price of \$3,119,787.00, not including tax; and

WHEREAS, the City's consultant team has checked references and otherwise determined that Rodarte Construction, Inc., meets the mandatory bidder responsibility criteria established under RCW 39.04.350 and 39.06.020; and

WHEREAS, the City's consulting engineer and the Parks and Public Works Director recommend award of this contract to Rodarte Construction, Inc., as the lowest responsive, responsible bidder;

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SNOQUALMIE AS FOLLOWS:

Section 1. Determination of Lowest Responsive, Responsible Bidder. Based on the foregoing recitals, which are hereby incorporated as findings of fact, Rodarte Construction, Inc., is the lowest responsive, responsible bidder for the 38th Avenue SE Sewer-Sidewalk Project.

Section 2. Award of Public Works Contract. The contract for construction of the work described in Schedules A and B of the 384th Avenue SE Sewer-Sidewalk Project is hereby awarded to Rodarte Construction, Inc., in an amount of \$1,620,159.78, including tax, in accordance with its bid proposal.

Section 3. Authorization for Contract Execution. The Mayor is authorized to execute a contract with Rodarte Construction, Inc., in substantially the form attached hereto as Exhibit A.

PASSED by the City Council of the City of Snoqualmie, Washington, this 27th day of May 2024.

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk

Approved as to form:

David A. Linehan, Interim City Attorney

SECTION 00 05 00**AGREEMENT****384TH AVENUE SE SEWER/SIDEWALK PROJECT**

THIS AGREEMENT is made on this _____, 20__, between the City of Snoqualmie ("City"), a municipal corporation located in the State of Washington and _____, ("Contractor").

In consideration of the terms and conditions contained in this Contract and the requirements attached to it, the parties agree as follows:

1. The Contractor shall do all of the work and furnish all of the labor, materials, tools and equipment for the construction of the improvements and shall perform any changes in the work (the "Work"), all in full compliance with the contract documents entitled 384th Avenue SE Sewer/Sidewalk, which include this Agreement (Section 00 05 00); Contractor's executed Form of Bid and Bid Schedule (Section 00 03 00), executed Performance and Payment Bond (Section 00 04 20), executed Retainage Forms (Section 00 05 10); General Terms and Conditions (00 07 00), those portions of the Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge and Municipal Construction, 2024 edition specifically incorporated by reference and/or modified herein, Technical Provisions, Appendices _____, Addenda _____, and any project drawings or plans.
2. The City hereby promises and agrees with the Contractor to employ, and does employ the Contractor to furnish the labor, materials, tools and equipment, and to do and cause to be done the above-described Work, and to complete and finish the same in accordance with the said contract documents and the terms and conditions herein contained, and hereby contracts to pay for the same, according to the said documents, including the schedule of estimated quantities, and unit and lump sum prices in the Form of Bid, the sum of \$ _____, subject to the actual quantity of Work performed, at the time and in the manner and upon the conditions provided for in this contract.
3. The Contractor hereby promises and agrees to diligently prosecute and obtain Substantial Completion of the Work within 200 working days (the "Contract Time"), and to obtain Physical Completion and Final Acceptance of the Work within the time and as specified in the Contract Documents. The Contractor agrees that Liquidated Damages shall be assessed in the amount of \$2,775 per day for any failure to complete the Work within the Contract Time, for any failure to meet a Contract Milestone, and for any failure to achieve Physical Completion and Final Acceptance within the time and as required in the Contract Documents.
4. The Contractor for himself, and for his agents, successors, assigns, subcontractors and/or employees, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
5. The City hereby appoints and the Contractor hereby accepts the Parks & Public Works Director, as the City's representative for the purpose of administering the provisions of this Contract, including the City's right to receive and act on all reports and documents related to this Contract, to request and receive additional information from the Contractor.
6. This Contract contains terms and conditions agreed upon by the parties. The parties agree that there are no other understandings, oral or otherwise, regarding the subject matter of this Contract.

7. The Contractor agrees to comply with all applicable Federal, State, City or municipal standards for the licensing, certification, operation of facilities and programs, and accreditation and licensing of individuals.
8. The Contractor shall not assign or subcontract any portion of the work provided for under the terms of this Contract without obtaining prior written approval of the City. All terms and conditions of this Contract shall apply to any approved subcontract or assignment related to this Contract.
9. The parties intend that an independent Contractor-City relationship will be created by this Contract. The City is interested only in the results to be achieved, and the implementation of the work will lie solely with the Contractor. No agent, employee, servant, or representative of the Contractor shall be deemed to be an employee, agent, servant, or representative of the City for any purpose. Employees of the Contractor are not entitled to any of the benefits the City provides for City employees. The Contractor will be solely and entirely responsible for its acts and for the acts of its agents, employees, servants, subcontractors, or otherwise during the performance of this Contract. In the performance of the work herein contemplated, the Contractor is an independent Contractor with regard to the performance of the details of the work; however, the components of and the results of the work contemplated herein must meet the approval of the City and shall be subject to the general rights of inspection and review to secure the satisfactory completion thereof.
10. The Contractor agrees and covenants to indemnify, defend, and save harmless, the City and those persons who were, now are, or shall be duly elected or appointed officials or employees thereof, hereinafter referred to as the "City" against and from any loss, damage, costs, charge, expense, liability, claims, demands or judgments, of whatsoever kind or nature, whether to persons or to property, arising wholly or partially out of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees, except only such injury or damage as shall have been caused by or resulted from the sole negligence of the City. In case any suit or cause of action shall be brought against the City on account of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees the Contractor hereby agrees and covenants to assume the defense thereof and to pay any and all costs, charges, attorney's fees and other expenses and any and all judgments that may be incurred or obtained against the City. In the event the City is required to institute legal action and/or participate in the legal action to enforce this Indemnification and Hold Harmless Clause, the Contractor agrees to pay the City's legal fees, costs and disbursements incurred in establishing the right to indemnification. If the claim, suit, or action for injuries, death, or damages as provided for in the preceding paragraphs of this specification is caused by or results from the concurrent negligence of (a) the indemnitee or the indemnitee's agents or employees and (b) the indemnitor or the indemnitor's agents for employees the indemnity provisions provided for in the preceding paragraphs of this specification shall be valid and enforceable only to the extent of the indemnitor's negligence. The Contractor expressly waives, as respects the City only, all immunity and limitation on liability under any Industrial Insurance Act, including Title 51 RCW, or other workers compensation act, disability act, or other employees benefits of any act of any jurisdiction which would otherwise be applicable in the case of such a claim. BY INITIALING BELOW THE OWNER AND CONTRACTOR CERTIFY THE WAIVER OF IMMUNITY SPECIFIED BY THIS PROVISION WAS MUTUALLY NEGOTIATED.
11. This Contract has been and shall be construed as having been made and delivered within the State of Washington, and it is mutually understood and agreed by each party hereto that this Contract shall be governed by the laws of the State of Washington, both as to interpretation and performance. Any action in law, suit and equity or judicial proceedings for the enforcement

CITY OF SNOQUALMIE
384TH AVENUE SE SEWER/SIDEWALK

of this contract or any provisions thereof, shall be instituted and maintained in the courts of competent jurisdiction located in King County, Washington.

12. The failure of the City to insist upon strict performance of any of the covenants and agreements of this Contract or to exercise any option herein conferred in any one or more instances shall not be construed to be a waiver or relinquishment of any such obligation, or any other covenants or agreements, but the same shall be and remain in full force and effect.
13. It is understood and agreed by the parties hereto that if any part of this agreement is determined to be illegal, the validity of the remaining portions shall be construed as if the agreement did not contain the particular illegal part.
14. No change or addition to this Contract shall be valid or binding upon either party unless such change or addition shall be in writing, executed by both parties.
15. The Contractor shall fully comply with all applicable state and federal employment and discrimination laws and regulations. IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and the Mayor has caused this instrument to be executed by and in the name of the said City, the day and year first above written.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and the Mayor has caused this instrument to be executed by and in the name of the said City, the day and year first above written.

CITY OF SNOQUALMIE ("CITY")

_____ [CONTRACTOR]

By _____

By _____

Typed Name: Matthew Larson _____

Typed Name _____

Its: Mayor _____

Its _____

Phone: _____

Phone: _____

Fax: _____

Fax: _____

Date: _____

Date: _____

WA Contractor's License No. _____

END OF SECTION 00 05 00



384th Ave Sewer/ Sidewalk

	<u>Contractor</u>	<u>Schedule A</u>	<u>Schedule B</u>	<u>Schedule C</u>	<u>Total</u>
1	Engineers Estimate	\$ 1,624,250.00	\$ 293,900.00	\$ 1,772,915.00	\$ 3,691,065.00
2	NW Cascade	\$ 1,684,857.00	\$ 202,350.00	\$ 1,638,318.00	\$ 3,525,525.00
3	A1 Landscape & Contruction	\$ 1,900,180.00	\$ 194,205.00	\$ 1,887,306.00	\$ 3,981,691.00
4	Marshbank Construction	\$ 1,813,255.00	\$ 175,310.00	\$ 1,344,804.00	\$ 3,333,369.00
5	Fury Site Works	\$ 1,560,222.81	\$ 142,191.35	\$ 1,420,283.67	\$ 3,122,697.83
6	RW Scott Construction	\$ 1,655,532.72	\$ 293,071.20	\$ 1,890,370.63	\$ 3,838,974.55
7	Active Construction Inc	\$ 1,932,211.00	\$ 225,126.00	\$ 1,682,502.00	\$ 3,839,839.00
8	Rodarte Construction	\$ 1,332,747.50	\$ 167,465.00	\$ 1,619,574.50	\$ 3,119,787.00
9					\$ -
10					\$ -
11					\$ -

384th Sewer- Sidewalk Bid Results

Item No	Description	Qty	Engineer Est		Rodarte		Fury		Marshbank		NW Cascade	
			Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
A1	Minor Change	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
A2	Construction Surveying	1	\$ 7,500.00	\$ 7,500.00	\$ 4,500.00	\$ 4,500.00	\$ 6,010.87	\$ 6,010.87	\$ 20,000.00	\$ 20,000.00	\$ 6,100.00	\$ 6,100.00
A3	Record Drawings	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
A4	Lab & Field Testing for HMA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 11,109.59	\$ 11,109.59	\$ 20,000.00	\$ 20,000.00	\$ 12,000.00	\$ 12,000.00
A5	SPCC Plan	1	\$ 1,200.00	\$ 1,200.00	\$ 500.00	\$ 500.00	\$ 292.36	\$ 292.36	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00
A6	Additional Potholing	5	\$ 750.00	\$ 3,750.00	\$ 900.00	\$ 4,500.00	\$ 730.75	\$ 3,653.75	\$ 900.00	\$ 4,500.00	\$ 780.00	\$ 3,900.00
A7	Mobilization	1	\$ 148,000.00	\$ 148,000.00	\$ 75,750.00	\$ 75,750.00	\$ 27,897.44	\$ 27,897.44	\$ 167,300.00	\$ 167,300.00	\$ 151,000.00	\$ 151,000.00
A8	Project Temp Traffic Control	1	\$ 80,000.00	\$ 80,000.00	\$ 70,000.00	\$ 70,000.00	\$ 123,478.05	\$ 123,478.05	\$ 230,000.00	\$ 230,000.00	\$ 191,631.00	\$ 191,631.00
A9	Removing Sewer Manhole	5	\$ 3,000.00	\$ 15,000.00	\$ 500.00	\$ 2,500.00	\$ 1,292.86	\$ 6,464.30	\$ 2,500.00	\$ 12,500.00	\$ 700.00	\$ 3,500.00
A10	Removal of Structures and Obstructions	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,963.98	\$ 10,963.98	\$ 90,000.00	\$ 90,000.00	\$ 122,000.00	\$ 122,000.00
A11	Removing Asphalt Conc Pavement	1550	\$ 20.00	\$ 31,000.00	\$ 12.00	\$ 18,600.00	\$ 4.39	\$ 6,804.50	\$ 35.00	\$ 54,250.00	\$ 17.00	\$ 26,350.00
A12	Abandon Monitoring Well	1	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 7,601.30	\$ 7,601.30	\$ 2,750.00	\$ 2,750.00	\$ 6,450.00	\$ 6,450.00
A13	Pothole Existing Utility	15	\$ 750.00	\$ 11,250.00	\$ 900.00	\$ 13,500.00	\$ 730.93	\$ 10,963.95	\$ 900.00	\$ 13,500.00	\$ 690.00	\$ 10,350.00
A14	Removing Storm Structure	2	\$ 750.00	\$ 1,500.00	\$ 350.00	\$ 700.00	\$ 646.43	\$ 1,292.86	\$ 1,400.00	\$ 2,800.00	\$ 575.00	\$ 1,150.00
A15	Removing Storm Pipe/ Culvert	60	\$ 50.00	\$ 3,000.00	\$ 30.00	\$ 1,800.00	\$ 43.10	\$ 2,586.00	\$ 40.00	\$ 2,400.00	\$ 23.00	\$ 1,380.00
A16	Crushed Surfacing Base Course	920	\$ 70.00	\$ 64,400.00	\$ 45.00	\$ 41,400.00	\$ 30.38	\$ 27,949.60	\$ 55.00	\$ 50,600.00	\$ 41.00	\$ 37,720.00
A17	HMA CL 1/2 in	820	\$ 160.00	\$ 131,200.00	\$ 200.00	\$ 164,000.00	\$ 192.96	\$ 158,227.20	\$ 180.00	\$ 147,600.00	\$ 217.00	\$ 177,940.00
A18	Cold Mix	410	\$ 160.00	\$ 65,600.00	\$ 160.00	\$ 65,600.00	\$ 116.94	\$ 47,945.40	\$ 150.00	\$ 61,500.00	\$ 311.00	\$ 127,510.00
A19	Planing Bituminous Pavement	2500	\$ 12.00	\$ 30,000.00	\$ 4.50	\$ 11,250.00	\$ 6.10	\$ 15,250.00	\$ 7.00	\$ 17,500.00	\$ 5.50	\$ 13,750.00
A20	CL V Reinf Conc Storm Sewer Pipe 12 in	11	\$ 180.00	\$ 1,980.00	\$ 175.00	\$ 1,925.00	\$ 408.25	\$ 4,490.75	\$ 160.00	\$ 1,760.00	\$ 186.00	\$ 2,046.00
A21	Schedule A Storm Sewer Pipe 18 in	43	\$ 200.00	\$ 8,600.00	\$ 125.00	\$ 5,375.00	\$ 394.83	\$ 16,977.69	\$ 140.00	\$ 6,020.00	\$ 170.00	\$ 7,310.00
A22	Catch Basin Type 1	1	\$ 3,000.00	\$ 3,000.00	\$ 950.00	\$ 950.00	\$ 4,413.99	\$ 4,413.99	\$ 1,850.00	\$ 1,850.00	\$ 2,675.00	\$ 2,675.00
A23	Catch Basin Type 1L	1	\$ 3,500.00	\$ 3,500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,764.82	\$ 4,764.82	\$ 2,300.00	\$ 2,300.00	\$ 2,750.00	\$ 2,750.00
A24	Restrictor Catch Basin Type 2 54in Diam	1	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00	\$ 10,902.26	\$ 10,902.26	\$ 10,500.00	\$ 10,500.00	\$ 9,875.00	\$ 9,875.00
A25	Manhole 48in Diam Type 1	8	\$ 6,000.00	\$ 48,000.00	\$ 5,000.00	\$ 40,000.00	\$ 10,703.90	\$ 85,631.20	\$ 5,500.00	\$ 44,000.00	\$ 4,200.00	\$ 33,600.00
A26	Adjust Manhole	1	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 1,154.87	\$ 1,154.87	\$ 800.00	\$ 800.00	\$ 650.00	\$ 650.00
A27	Connection to existing Sewer Manhole	5	\$ 3,000.00	\$ 15,000.00	\$ 3,500.00	\$ 17,500.00	\$ 3.91	\$ 19.55	\$ 6,000.00	\$ 30,000.00	\$ 6,000.00	\$ 30,000.00
A28	Abandon Existing Manhole	3	\$ 2,500.00	\$ 7,500.00	\$ 500.00	\$ 1,500.00	\$ 1,096.40	\$ 3,289.20	\$ 2,500.00	\$ 7,500.00	\$ 875.00	\$ 2,625.00
A29	Plugging Existing Pipe	14	\$ 500.00	\$ 7,000.00	\$ 150.00	\$ 2,100.00	\$ 599.42	\$ 8,391.88	\$ 750.00	\$ 10,500.00	\$ 375.00	\$ 5,250.00
A30	Extra Exc Class B incl Haul	30	\$ 75.00	\$ 2,250.00	\$ 95.00	\$ 2,850.00	\$ 232.50	\$ 6,975.00	\$ 45.00	\$ 1,350.00	\$ 60.00	\$ 1,800.00
A31	Foundation Material	60	\$ 150.00	\$ 9,000.00	\$ 55.00	\$ 3,300.00	\$ 29.24	\$ 1,754.40	\$ 20.00	\$ 1,200.00	\$ 97.00	\$ 5,820.00
A32	Structure Excavation Class B Incl Haul	2460	\$ 40.00	\$ 98,400.00	\$ 28.00	\$ 68,880.00	\$ 68.31	\$ 168,042.60	\$ 40.00	\$ 98,400.00	\$ 44.00	\$ 108,240.00
A33	Shoring or Extra Excavation Class B	16650	\$ 5.00	\$ 83,250.00	\$ 0.15	\$ 2,497.50	\$ 0.33	\$ 5,494.50	\$ 1.00	\$ 16,650.00	\$ 1.00	\$ 16,650.00
A34	Ductile Iron Pipe for SS Force Main 4 in	25	\$ 150.00	\$ 3,750.00	\$ 180.00	\$ 4,500.00	\$ 210.63	\$ 5,265.75	\$ 459.00	\$ 11,475.00	\$ 228.00	\$ 5,700.00
A35	PVC SS Pipe 12 in	1730	\$ 200.00	\$ 346,000.00	\$ 170.00	\$ 294,100.00	\$ 233.63	\$ 404,179.90	\$ 130.00	\$ 224,900.00	\$ 91.00	\$ 157,430.00
A36	PVC SS Pipe 8 in	40	\$ 150.00	\$ 6,000.00	\$ 150.00	\$ 6,000.00	\$ 211.01	\$ 8,440.40	\$ 160.00	\$ 6,400.00	\$ 143.00	\$ 5,720.00
A37	DI SS Pipe 12 in	280	\$ 300.00	\$ 84,000.00	\$ 250.00	\$ 70,000.00	\$ 313.59	\$ 87,805.20	\$ 270.00	\$ 75,600.00	\$ 230.00	\$ 64,400.00
A38	Temporary Sewer Bypass	1	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 18,565.28	\$ 18,565.28	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00
A39	CCTV Insp	1	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,794.67	\$ 4,794.67	\$ 6,500.00	\$ 6,500.00	\$ 35,000.00	\$ 35,000.00
A40	PVC SS Lateral 6 in for exist SS	500	\$ 100.00	\$ 50,000.00	\$ 135.00	\$ 67,500.00	\$ 89.60	\$ 44,800.00	\$ 200.00	\$ 100,000.00	\$ 120.00	\$ 60,000.00
A41	PVC SS Lateral 6 in for new SS	400	\$ 100.00	\$ 40,000.00	\$ 140.00	\$ 56,000.00	\$ 108.84	\$ 43,536.00	\$ 200.00	\$ 80,000.00	\$ 129.00	\$ 51,600.00
A42	Sewer Cleanout	32	\$ 500.00	\$ 16,000.00	\$ 600.00	\$ 19,200.00	\$ 735.03	\$ 23,520.96	\$ 800.00	\$ 25,600.00	\$ 875.00	\$ 28,000.00
A43	Inlet Protection	9	\$ 100.00	\$ 900.00	\$ 70.00	\$ 630.00	\$ 156.91	\$ 1,412.19	\$ 100.00	\$ 900.00	\$ 85.00	\$ 765.00
A44	Silt Fence	370	\$ 6.00	\$ 2,220.00	\$ 7.00	\$ 2,590.00	\$ 8.27	\$ 3,059.90	\$ 5.00	\$ 1,850.00	\$ 6.00	\$ 2,220.00
A45	Erosion/ Water Pollution Control	1	\$ 20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00	\$ 11,548.70	\$ 11,548.70	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00
A46	Dewatering System	1	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
B1	Minor Change	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
B2	Lab & Field Testing for HMA	1	\$ 7,500.00	\$ 7,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,262.44	\$ 5,262.44	\$ 6,000.00	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00
B3	Mobilization	1	\$ 27,000.00	\$ 27,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,169.43	\$ 1,169.43	\$ 17,000.00	\$ 17,000.00	\$ 18,000.00	\$ 18,000.00
B4	Project Temp Traffic Control	1	\$ 30,000.00	\$ 30,000.00	\$ 8,500.00	\$ 8,500.00	\$ 5,654.43	\$ 5,654.43	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
B5	HMA CL 1/2 in	630	\$ 160.00	\$ 100,800.00	\$ 140.00	\$ 88,200.00	\$ 134.48	\$ 84,722.40	\$ 130.00	\$ 81,900.00	\$ 152.00	\$ 95,760.00
B6	Planing Bituminous Pavement	3950	\$ 12.00	\$ 47,400.00	\$ 5.00	\$ 19,750.00	\$ 3.13	\$ 12,363.50	\$ 5.00	\$ 19,750.00	\$ 5.50	\$ 21,725.00
B7	Temporary Pavement Markings	1	\$ 2,500.00	\$ 2,500.00	\$ 1,750.00	\$ 1,750.00	\$ 1,754.15	\$ 1,754.15	\$ 3,500.00	\$ 3,500.00	\$ 3,600.00	\$ 3,600.00
B8	Paint Line	3580	\$ 15.00	\$ 53,700.00	\$ 1.75	\$ 6,265.00	\$ 1.75	\$ 6,265.00	\$ 2.00	\$ 7,160.00	\$ 1.75	\$ 6,265.00
C1	Minor Change	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
C2	Record Drawings	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
C3	Construction Surveying	1	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 21,552.60	\$ 21,552.60	\$ 20,000.00	\$ 20,000.00	\$ 22,000.00	\$ 22,000.00
C4	ADA Features Surveying	1	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,403.32	\$ 1,403.32	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00
C5	Lab & Field Testing for HMA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,262.44	\$ 5,262.44	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00
C6	Property Restoration	1	\$ 20,000.00	\$ 20,000.00	\$ 70,000.00	\$ 70,000.00	\$ 21,123.69	\$ 21,123.69	\$ 8,500.00	\$ 8,500.00	\$ 2,000.00	\$ 2,000.00
C7	Additional Potholing	5	\$ 750.00	\$ 3,750.00	\$ 900.00	\$ 4,500.00	\$ 730.75	\$ 3,653.75	\$ 900.00	\$ 4,500.00	\$ 780.00	\$ 3,900.00
C8	Mobilization	1	\$ 162,000.00	\$ 162,000.00	\$ 140,000.00	\$ 140,000.00	\$ 27,020.37	\$ 27,020.37	\$ 66,600.00	\$ 66,600.00	\$ 148,000.00	\$ 148,000.00
C9	Project Temp Traffic Control	1	\$ 80,000.00	\$ 80,000.00	\$ 120,000.00	\$ 120,000.00	\$ 62,198.53	\$ 62,198.53	\$ 115,000.00	\$ 115,000.00	\$ 187,000.00	\$ 187,000.00
C10	Removing Existing Trees	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
C11	Removal of Structures and Obstructions	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 11,548.70	\$ 11,548.70	\$ 15,000.00	\$ 15,000.00	\$ 8,000.00	\$ 8,000.00
C12	Removing Asphalt Conc Pavement	1620	\$ 20.00	\$ 32,400.00	\$ 16.00	\$ 25,920.00	\$ 5.48	\$ 8,877.60	\$ 30.00	\$ 48,600.00	\$ 22.50	\$ 36,450.00
C13	Removing Cement Conc Sidewalk	20	\$ 50.00	\$ 1,000.00	\$ 25.00	\$ 500.00	\$ 46.83	\$ 936.60	\$ 50.00	\$ 1,000.00	\$ 25.50	\$ 510.00
C14	Removing Cement Conc Pavement	60	\$ 60.00	\$ 3,600.00	\$ 28.00	\$ 1,680.00	\$ 46.78	\$ 2,806.80	\$ 30.00	\$ 1,800.00	\$ 31.00	\$ 1,860.00
C15	Removing Cement Conc Curb & Gutter	20	\$ 15.00	\$ 300.00	\$ 10.00	\$ 200.00	\$ 37.64	\$ 752.80	\$ 20.00	\$ 400.00	\$ 10.50	\$ 210.00
C16	Pothole Existing Utility	15	\$ 750.00	\$ 11,250.00	\$ 900.00	\$ 13,500.00	\$ 730.93	\$ 10,963.95	\$ 900.00	\$ 13,500.00	\$ 690.00	\$ 10,350.00
C17	Adjust Valve Box	6	\$ 600.00	\$ 3,600.00	\$ 650.00	\$ 3,900.00	\$ 6,753.81	\$ 40,522.86	\$ 600.00	\$ 3,600.00	\$ 650.00	\$ 3,900.00
C18	Roadway Excavation incl. Haul	400	\$ 45.00	\$ 18,000.00	\$ 55.00	\$ 22,000.00	\$ 39.94	\$ 15,976.00	\$ 55.00	\$ 22,000.00	\$ 52.00	\$ 20,800.00
C19	Gravel Borrow incl Haul	560	\$ 45.00	\$ 25,200.00	\$ 28.00	\$ 15,680.00	\$ 32.61	\$ 18,261.60	\$ 40.00	\$ 22,400.00	\$ 38.00	\$ 21,280.00
C20	Un											

ACI		RW Scott		A-1		Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount						
\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00						
\$ 4,600.00	\$ 4,600.00	\$ 7,020.00	\$ 7,020.00	\$ 17,140.00	\$ 17,140.00						
\$ 2,500.00	\$ 2,500.00	\$ 3,900.00	\$ 3,900.00	\$ 3,100.00	\$ 3,100.00						
\$ 33,000.00	\$ 33,000.00	\$ 26,000.00	\$ 26,000.00	\$ 18,400.00	\$ 18,400.00						
\$ 150.00	\$ 150.00	\$ 655.85	\$ 655.85	\$ 3,890.00	\$ 3,890.00						
\$ 630.00	\$ 3,150.00	\$ 1,074.32	\$ 5,371.60	\$ 1,800.00	\$ 9,000.00						
\$ 190,000.00	\$ 190,000.00	\$ 140,000.00	\$ 140,000.00	\$ 164,500.00	\$ 164,500.00						
\$ 201,500.00	\$ 201,500.00	\$ 124,540.00	\$ 124,540.00	\$ 294,000.00	\$ 294,000.00						
\$ 744.00	\$ 3,720.00	\$ 1,178.62	\$ 5,893.10	\$ 1,800.00	\$ 9,000.00						
\$ 14,000.00	\$ 14,000.00	\$ 25,000.00	\$ 25,000.00	\$ 97,980.00	\$ 97,980.00						
\$ 38.00	\$ 58,900.00	\$ 38.03	\$ 58,946.50	\$ 19.00	\$ 29,450.00						
\$ 5,000.00	\$ 5,000.00	\$ 3,478.15	\$ 3,478.15	\$ 4,500.00	\$ 4,500.00						
\$ 600.00	\$ 9,000.00	\$ 702.00	\$ 10,530.00	\$ 1,800.00	\$ 27,000.00						
\$ 768.00	\$ 1,536.00	\$ 894.08	\$ 1,788.16	\$ 1,270.00	\$ 2,540.00						
\$ 41.00	\$ 2,460.00	\$ 115.55	\$ 6,933.00	\$ 39.00	\$ 2,340.00						
\$ 46.00	\$ 42,320.00	\$ 59.26	\$ 54,519.20	\$ 48.00	\$ 44,160.00						
\$ 200.00	\$ 164,000.00	\$ 215.35	\$ 176,587.00	\$ 170.00	\$ 139,400.00						
\$ 270.00	\$ 110,700.00	\$ 215.35	\$ 88,293.50	\$ 175.00	\$ 71,750.00						
\$ 7.45	\$ 18,625.00	\$ 12.70	\$ 31,750.00	\$ 2.50	\$ 6,250.00						
\$ 256.00	\$ 2,816.00	\$ 209.06	\$ 2,299.66	\$ 1,200.00	\$ 13,200.00						
\$ 144.00	\$ 6,192.00	\$ 130.81	\$ 5,624.83	\$ 180.00	\$ 7,740.00						
\$ 2,900.00	\$ 2,900.00	\$ 2,571.73	\$ 2,571.73	\$ 3,970.00	\$ 3,970.00						
\$ 2,200.00	\$ 2,200.00	\$ 3,315.65	\$ 3,315.65	\$ 4,200.00	\$ 4,200.00						
\$ 8,900.00	\$ 8,900.00	\$ 10,508.55	\$ 10,508.55	\$ 8,800.00	\$ 8,800.00						
\$ 6,200.00	\$ 49,600.00	\$ 5,977.60	\$ 47,820.80	\$ 6,800.00	\$ 54,400.00						
\$ 780.00	\$ 780.00	\$ 1,358.50	\$ 1,358.50	\$ 850.00	\$ 850.00						
\$ 3,450.00	\$ 17,250.00	\$ 1,465.43	\$ 7,327.15	\$ 1,980.00	\$ 9,900.00						
\$ 1,550.00	\$ 4,650.00	\$ 858.33	\$ 2,574.99	\$ 990.00	\$ 2,970.00						
\$ 225.00	\$ 3,150.00	\$ 793.33	\$ 11,106.62	\$ 450.00	\$ 6,300.00						
\$ 81.00	\$ 2,430.00	\$ 303.55	\$ 9,106.50	\$ 60.00	\$ 1,800.00						
\$ 68.00	\$ 4,080.00	\$ 295.75	\$ 17,745.00	\$ 55.00	\$ 3,300.00						
\$ 48.00	\$ 118,080.00	\$ 39.93	\$ 98,227.80	\$ 63.00	\$ 154,980.00						
\$ 0.50	\$ 8,325.00	\$ 0.83	\$ 13,819.50	\$ 4.00	\$ 66,600.00						
\$ 300.00	\$ 7,500.00	\$ 193.49	\$ 4,837.25	\$ 90.00	\$ 2,250.00						
\$ 162.00	\$ 280,260.00	\$ 136.44	\$ 236,041.20	\$ 110.00	\$ 190,300.00						
\$ 151.00	\$ 6,040.00	\$ 115.29	\$ 4,611.60	\$ 90.00	\$ 3,600.00						
\$ 299.00	\$ 83,720.00	\$ 277.21	\$ 77,618.80	\$ 166.00	\$ 46,480.00						
\$ 109,000.00	\$ 109,000.00	\$ 32,500.00	\$ 32,500.00	\$ 52,100.00	\$ 52,100.00						
\$ 13,000.00	\$ 13,000.00	\$ 3,575.00	\$ 3,575.00	\$ 11,900.00	\$ 11,900.00						
\$ 159.00	\$ 79,500.00	\$ 136.20	\$ 68,100.00	\$ 88.00	\$ 44,000.00						
\$ 171.00	\$ 68,400.00	\$ 121.43	\$ 48,572.00	\$ 75.00	\$ 30,000.00						
\$ 950.00	\$ 30,400.00	\$ 1,159.59	\$ 37,106.88	\$ 1,650.00	\$ 52,800.00						
\$ 108.00	\$ 972.00	\$ 92.95	\$ 836.55	\$ 220.00	\$ 1,980.00						
\$ 6.50	\$ 2,405.00	\$ 5.73	\$ 2,120.10	\$ 18.00	\$ 6,660.00						
\$ 44,500.00	\$ 44,500.00	\$ 25,000.00	\$ 25,000.00	\$ 64,700.00	\$ 64,700.00						
\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00						
\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00						
\$ 5,500.00	\$ 5,500.00	\$ 6,500.00	\$ 6,500.00	\$ 12,450.00	\$ 12,450.00						
\$ 10,500.00	\$ 10,500.00	\$ 26,000.00	\$ 26,000.00	\$ 17,000.00	\$ 17,000.00						
\$ 54,000.00	\$ 54,000.00	\$ 24,908.00	\$ 24,908.00	\$ 29,780.00	\$ 29,780.00						
\$ 141.00	\$ 88,830.00	\$ 217.19	\$ 136,829.70	\$ 144.00	\$ 90,720.00						
\$ 7.80	\$ 30,810.00	\$ 7.65	\$ 30,217.50	\$ 2.10	\$ 8,295.00						
\$ 4,400.00	\$ 4,400.00	\$ 9,308.00	\$ 9,308.00	\$ 3,800.00	\$ 3,800.00						
\$ 1.70	\$ 6,086.00	\$ 2.60	\$ 9,308.00	\$ 2.00	\$ 7,160.00						
\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00						
\$ 2,500.00	\$ 2,500.00	\$ 3,900.00	\$ 3,900.00	\$ 3,200.00	\$ 3,200.00						
\$ 20,000.00	\$ 20,000.00	\$ 24,700.00	\$ 24,700.00	\$ 18,000.00	\$ 18,000.00						
\$ 1,300.00	\$ 1,300.00	\$ 2,200.00	\$ 2,200.00	\$ 5,410.00	\$ 5,410.00						
\$ 16,000.00	\$ 16,000.00	\$ 20,000.00	\$ 20,000.00	\$ 8,740.00	\$ 8,740.00						
\$ 42,000.00	\$ 42,000.00	\$ 23,000.00	\$ 23,000.00	\$ 28,741.00	\$ 28,741.00						
\$ 400.00	\$ 2,000.00	\$ 887.12	\$ 4,435.60	\$ 1,800.00	\$ 9,000.00						
\$ 101,127.80	\$ 101,127.80	\$ 160,000.00	\$ 160,000.00	\$ 167,970.00	\$ 167,970.00						
\$ 175,000.00	\$ 175,000.00	\$ 136,500.00	\$ 136,500.00	\$ 78,880.00	\$ 78,880.00						
\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00						
\$ 13,700.00	\$ 13,700.00	\$ 25,000.00	\$ 25,000.00	\$ 75,450.00	\$ 75,450.00						
\$ 14.00	\$ 22,680.00	\$ 44.67	\$ 72,365.40	\$ 19.00	\$ 30,780.00						
\$ 33.00	\$ 660.00	\$ 39.88	\$ 797.60	\$ 33.00	\$ 660.00						
\$ 24.00	\$ 1,440.00	\$ 40.13	\$ 2,407.80	\$ 70.00	\$ 4,200.00						
\$ 18.00	\$ 360.00	\$ 100.85	\$ 2,017.00	\$ 11.00	\$ 220.00						
\$ 600.00	\$ 9,000.00	\$ 601.25	\$ 9,018.75	\$ 1,800.00	\$ 27,000.00						
\$ 600.00	\$ 3,600.00	\$ 562.25	\$ 3,373.50	\$ 550.00	\$ 3,300.00						
\$ 65.00	\$ 26,000.00	\$ 39.92	\$ 15,968.00	\$ 60.00	\$ 24,000.00						
\$ 62.00	\$ 34,720.00	\$ 51.46	\$ 28,817.60	\$ 45.00	\$ 25,200.00						
\$ 71.00	\$ 2,840.00	\$ 303.55	\$ 12,142.00	\$ 66.00	\$ 2,640.00						
\$ 54.00	\$ 36,126.00	\$ 39.94	\$ 26,719.86	\$ 62.00	\$ 41,478.00						
\$ 46.00	\$ 38,640.00	\$ 55.00	\$ 46,200.00	\$ 44.00	\$ 36,960.00						
\$ 50.00	\$ 11,500.00	\$ 55.00	\$ 12,650.00	\$ 70.00	\$ 16,100.00						
\$ 200.00	\$ 176,000.00	\$ 215.35	\$ 189,508.00	\$ 166.00	\$ 146,080.00						
\$ 15.50	\$ 1,085.00	\$ 40.00	\$ 2,800.00	\$ 45.00	\$ 3,150.00						
\$ 47.00	\$ 119,004.00	\$ 75.00	\$ 189,900.00	\$ 110.00	\$ 278,520.00						
\$ 55.00	\$ 30,800.00	\$ 65.00	\$ 36,400.00	\$ 55.00	\$ 30,800.00						
\$ 200.00	\$ 59,800.00	\$ 144.00	\$ 43,056.00	\$ 155.00	\$ 46,345.00						
\$ 202.00	\$ 56,560.00	\$ 134.00	\$ 37,520.00	\$ 155.00	\$ 43,400.00						
\$ 95.00	\$ 99,465.00	\$ 110.00	\$ 115,170.00	\$ 98.00	\$ 102,606.00						
\$ 15,000.00	\$ 15,000.00	\$ 3,575.00	\$ 3,575.00	\$ 8,741.00	\$ 8,741.00						
\$ 1,700.00	\$ 15,300.00	\$ 2,734.01	\$ 24,606.09	\$ 3,540.00	\$ 31,860.00						
\$ 2,200.00	\$ 8,800.00	\$ 3,295.18	\$ 13,180.72	\$ 4,100.00	\$ 16,400.00						
\$ 4,200.00	\$ 33,600.00	\$ 6,318.65	\$ 50,549.20	\$ 3,200.00	\$ 25,600.00						
\$ 106.00	\$ 2,120.00	\$ 303.55	\$ 6,071.00	\$ 60.00	\$ 1,200.00						
\$ 89.00	\$ 3,560.00	\$ 295.75	\$ 11,830.00	\$ 62.00	\$ 2,480.00						
\$ 51.00	\$ 60,180.00	\$ 39.93	\$ 47,117.40	\$ 62.00	\$ 73,160.00						
\$ 0.50	\$ 3,065.00	\$ 0.83	\$ 5,087.90	\$ 4.00	\$ 24,520.00						
\$ 245.00	\$ 39,200.00	\$ 295.75	\$ 47,320.00	\$ 70.00	\$ 11,200.00						
\$ 98.00	\$ 1,372.00	\$ 92.95	\$ 1,301.30	\$ 120.00	\$ 1,680.00						
\$ 9,300.00	\$ 9,300.00	\$ 15,000.00	\$ 15,000.00	\$ 21,450.00	\$ 21,450.00						
\$ 251.00	\$ 251.00	\$ 655.85	\$ 655.85	\$ 9,870.00	\$ 9,870.00						
\$ 6.00	\$ 1,800.00	\$ 5.73	\$ 1,719.00	\$ 18.00	\$ 5,400.00						
\$ 5.00	\$ 8,150.00	\$ 5.73	\$ 9,339.90	\$ 14.00	\$ 22,820.00						
\$ 6.00	\$ 2,580.00	\$ 5.73	\$ 2,463.90	\$ 18.00	\$ 7,740.00						
\$ 7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00	\$ 21,450.00	\$ 21,450.00						
\$ 90.00	\$ 630.00	\$ 167.33	\$ 1,171.31	\$ 70.00	\$ 490.00						
\$ 45.50	\$ 88,952.50	\$ 58.58	\$ 114,523.90	\$ 45.00	\$ 87,975.00						
\$ 28.00	\$ 280.00	\$ 58.95	\$ 589.50	\$ 60.00	\$ 600.00						
\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00						
\$ 164.00	\$ 59,040.00	\$ 94.32	\$ 33,955.20	\$ 88.00	\$ 31,680.00						
\$ 14.00	\$ 5,600.00	\$ 50.00	\$ 20,000.00	\$ 18.00	\$ 7,200.00						
\$ 364.00	\$ 728.00	\$ 1,500.00	\$ 3,000.00	\$ 450.00	\$ 900.00						
\$ 33.00	\$ 13,860.00	\$ 39.00	\$ 16,380.00	\$ 71.00	\$ 29,820.00						
\$ 875.00	\$ 875.00	\$ 1,017.25	\$ 1,017.25	\$ 850.00	\$ 850.00						
\$ 434.00	\$ 1,302.00	\$ 1,017.25	\$ 3,051.75	\$ 750.00	\$ 2,250.00						
\$ 80.00	\$ 41,600.00	\$ 74.83	\$ 38,								



UTILITIES CAPITAL PROJECT OR PROGRAM

UTILITY MAIN & DRAINAGE SYSTEM REPLACEMENT PROGRAM

CIP Project ID: TBD
 Department: Utilities
 Project Status: Other
 Project Location: Multiple Locations
 Project Contact: Jeff Hamlin

Current Program Budget: **\$12,763,000**

Years Project in CIP: Ongoing Capital Program

Contact Email: jhamlin@snoqualmiewa.gov

Project Description:

This program replaces existing water mains, sewer mains, and storm drainage systems that have reached or exceeded their useful life with new pipe. This program will also include improvements to streets consistent with City of Snoqualmie adopted standards. The exact location of work will be determined separately by Council on at least a biennial basis.

Photo or Map:



Community Impact:

As with most utility infrastructure projects and programs, this program will largely be invisible to ratepayers. However, improved street conditions will result from any below-grade utility main improvements. Most importantly, residents will continue to receive quality service while avoiding the potential corrosion and deterioration that arises when aging mains and drainage systems operate past the end of their useful life.

Operating Impact:

This program will reduce the number of unanticipated repairs needed in the event that a main breaks. Because these breaks are unpredictable, no reduction to the operating budget has been recorded.

Budget:

Project Activities	% of Budg.	Total Activity Budget	2023	2024	2025	2026	2027	2028	2029 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	This capital program is anticipated to continue indefinitely into the future.
Design	9%	\$ 1,156,787	\$ 91,398	\$ 197,520	\$ 202,580	\$ 207,229	\$ 217,169	\$ 240,891	
Construction	60%	\$ 7,711,915	\$ 609,321	\$ 1,316,799	\$ 1,350,536	\$ 1,381,525	\$ 1,447,794	\$ 1,605,940	
Const. Manage	9%	\$ 1,156,787	\$ 91,398	\$ 197,520	\$ 202,580	\$ 207,229	\$ 217,169	\$ 240,891	
Contingency	12%	\$ 1,542,383	\$ 121,864	\$ 263,360	\$ 270,107	\$ 276,305	\$ 289,559	\$ 321,188	
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Labor	6%	\$ 809,532	\$ 42,552	\$ 92,962	\$ 110,669	\$ 137,637	\$ 227,919	\$ 197,793	
Other	3%	\$ 385,596	\$ 30,466	\$ 65,840	\$ 67,527	\$ 69,076	\$ 72,390	\$ 80,297	
TOTAL	100%	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000	
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

TOTAL PROJECT BUDGET: **\$12,763,000**TOTAL OPERATING BUDGET: **\$0**

Anticipated Funding Mix:

Source	Total Sources	2023	2024	2025	2026	2027	2028
Utility Fees ("Rates")	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000
TOTAL	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000

Fiscal

TOTAL FUNDING SOURCES: **\$12,763,000**

Notes:

FUTURE FUNDING REQUIREMENTS: **\$0**



BUSINESS OF THE CITY COUNCIL CITY OF SNOQUALMIE

AB24-068
May 27, 2024
Consent Agenda

Item 11.

AGENDA BILL INFORMATION

TITLE:	AB24-068: Resolution Awarding a Public Works Contract to Rodarte Construction, Inc. for Schedules A, B, and C of The 384 th Avenue SE Sewer-Sidewalk Project	<input type="checkbox"/> Discussion Only <input checked="" type="checkbox"/> Action Needed:
PROPOSED ACTION:	Adopt Resolution Awarding a Public Works Contract to Rodarte Construction, Inc. for Schedules A, B, and C of The 384 th Avenue SE Sewer-Sidewalk Project	<input type="checkbox"/> Motion <input type="checkbox"/> Ordinance <input checked="" type="checkbox"/> Resolution

REVIEW:	Department Director	Jeff Hamlin	5/16/2024
	Finance	Janna Walker	5/16/2024
	Legal	David Linehan	5/16/2024
	City Administrator	Mike Chambless	Click or tap to enter a date.

DEPARTMENT:	Parks & Public Works		
	Patrick Fry, Project Engineer		
COMMITTEE:	Parks & Public Works		COMMITTEE DATE: May 21, 2024
EXHIBITS:	1. AB24-068x1a (Res.)		
	2. AB24-068x1b (Contract)		
	3. AB24-068x2 (Scope of Work)		
	4. AB24-068x3 (Bid Tab)		
	5. AB24-068x4 (CIP)		

AMOUNT OF EXPENDITURE	\$ 3,241,068
AMOUNT BUDGETED	\$ 3,121,000
APPROPRIATION REQUESTED	\$ 566,432

SUMMARY

INTRODUCTION

This Agenda Bill seeks approval to award a public works contract to Rodarte Construction, Inc. for Schedules A, B, and C of the 384th Ave SE Sewer/ Sidewalk Project, and authorize the mayor to sign the contract. Schedule A and B are for the sewer portion of the Project, and Schedule C is for a new sidewalk on the east side of 384th Ave SE from Kimball Creek Dr SE to Newton St.

Currently there is no safe pedestrian access path along 384th Ave SE, an Arterial Roadway, from the Kimball Creek Avenue Neighborhood, including the Encompass Child Development Center to the downtown district.

This project would create a 6-foot-wide sidewalk on the east side of the roadway from SE Kimball Creek Dr to SE Newton St. totaling nearly 2,000 linear feet. This sidewalk will not only be utilized by the Kimball Creek neighborhood and 384th Avenue residents, but also the adjacent neighborhoods such as Williams Addition.

BACKGROUND

The existing 10-inch sewer on 384th Ave. SE was installed in 1982 and currently has a reverse grade in the sewer, due to poor soils as well as the minimal vertical drop available between the Kimball Creek bridge and SE River St. As the sewer works now, the reverse grade causes a surcharge of waste water. Replacing the line will correct the issue, as well as allow for additional capacity from the Snoqualmie Casino.

During construction, side sewer stub-outs will be installed to property lines to all homes along the construction corridor to allow for future access to the City Sewer without requiring destruction of the roadway. Sewer Connection Fees will still apply to homes connecting to the sewer.

The existing right-of-way currently forces pedestrians to travel along the gravel shoulder of 384th Ave SE, which is a heavily trafficked arterial road causing a dangerous situation for pedestrians and increases the chances of a conflict between a vehicle and pedestrian. A portion of the shoulder is against a wetland and steep bank, resulting in foot traffic not being able to further distance themselves from vehicles. Roughly 107 homes as well as the Encompass Child Development Center will directly benefit from the Sidewalk, not including the homes and businesses further up 384th Ave or branching roadways off the road such as SE 92nd. A 6' sidewalk will significantly reduce the chances of a conflict and increase the foot traffic along the corridor.

A Transportation Improvement Board (TIB) grant was awarded to the City for a sum of \$518,909 for the construction of this sidewalk. If this schedule is not awarded, the grant will need to be returned to the TIB.

ANALYSIS

The 384th Avenue SE Sewer/ Sidewalk Project was advertised to contractors for bid on April 2nd, and bids were received on April 23rd. A total of 7 bids were received and the low bid came from Rodarte Construction, Inc with a total of \$3,119,787. The bids were broken out into 3 schedules, with schedules A & B, being the sewer portion of the work, and Schedule C being for the sidewalk and drainage portion of the work. This Agenda Bill recommends approval of Schedules A, B, and C of the work.

In constructing a sidewalk along this corridor, a curb and gutter is required along the east side of the road, further requiring a closed stormwater drainage system to be installed. Along with the 2,000 linear feet of sidewalk, roughly 1,600 linear feet of storm piping is to be installed. A block wall is also required adjacent to the wetland to ensure that the sidewalk is properly supported and settlement of the sidewalk is limited.

BUDGET IMPACTS

Administration recommends approving a contract with Rodarte Construction, Inc, in the amount of \$3,241,068 to install a new 12-inch sewer line along 384th Ave SE, a 384th Ave SE sidewalk, and accompanying stormwater infrastructure. This project can be divided into two segments, as shown below:

Whole Contract Value			
Schedule A & B	Main & Drainage System Replacement Program (#417)	\$	1,621,493
Schedule C	Sidewalk & associated Stormwater (#310 & #417)	\$	1,619,575
Total Project		\$	3,241,068

The first segment, Schedules A and B, relates to the installation of a new sewer line and represents \$1,621,493 of the total contract. This segment is incorporated within the Utility Main & Drainage System Replacement Program in the 2023-2028 Capital Improvement Plan (CIP) (see Exhibit #5). The 2023-24 Amended Budget appropriates \$3,121,000 for this and other similar repair work within the Utility Capital Fund (#417). Currently, \$1,636,412 has been spent in the current biennium, with \$35,476 in outstanding contracts within the program.

This contract exceeds the remaining budgetary appropriation for the Utility Main & Drainage System Replacement Program by \$172,381, as shown below. Administration proposes using the Utility Capital Fund (#417) excess balance in order to appropriate for the \$172,381 shortfall. This fund's balance is forecasted to be \$6,015,404 in 2028, at the end of the current approved CIP. This appropriation will require a budgetary amendment, which administration will bring forward later this year.

Utility Main & Drainage System Replacement Program

	2023-2024 Biennial Budget
Beginning Budget	\$ 3,121,000
Expenditures	\$ (1,636,412)
Outstanding Contract Value <i>(Previously Approved)</i>	\$ (35,476)
Current Available Budget	\$ 1,449,112
Value of this Contract <i>(AB24-068)</i>	\$ (1,621,493)
Available Budget after AB24-068	\$ (172,381)

The remaining \$1,619,575 of the contract relates to Schedule C. Only \$630,000 can be funded by the Utility Capital Fund (#417). The residual portion will be funded by Utility Capital (#310). Administration proposes funding these elements by using the following sources:

Proposed Funding Sources		
Transportation Improvement Board (TIB) Grant	\$	500,000
Kimball Creek Riparian Restoration Project (#417)	\$	229,000
Urban Forestry Improvement Program (#417)	\$	199,000
Budgetary Amendment (Utility Capital Fund #417)	\$	202,000
Street Resurfacing Program (#310)	\$	81,524
Sidewalk Replacement Program (#310)	\$	183,000
American's with Disabilities (ADA) Program (#310)	\$	33,000
Budgetary Amendment (Non-Utility Capital Fund #310)	\$	192,051
	\$	1,619,575

The blue highlighted items represent required amendments. These two items would use excess fund balance within Utility Capital (#417) and Non-Utility Capital (#310), respectively, to appropriate for the shortfall. The amendments will be brought forward by administration later this year. A budgetary amendment from the Non-Utility Capital Fund (#310) will require adjustments within the currently proposed 2025-28 CIP. Administration can select from a range of options to cover this decrease in fund balance.

The total required amendment for Schedules A, B, and C is as follows:

Required Amendments	
Schedule A & B (Utility Capital #417)	\$ 172,381
Schedule C (Utility Capital #417)	\$ 202,000
Subtotal (Utility Capital #417)	\$ 374,381
Schedule C (Non-Utility Capital #310)	\$ 192,051
Total Amendments Required for AB24-068	\$ 566,432

NEXT STEPS

Staff recommends awarding a Public Works Contract to Rodarte Construction, Inc. for Schedules A, B, and C of The 384th Avenue SE Sewer-Sidewalk Project and authorizing the mayor to sign.

PROPOSED ACTION

Motion to adopt a resolution awarding a Public Works Contract to Rodarte Construction, Inc. for the work described in Schedules A, B, & C of The 384th Avenue SE Sewer-Sidewalk Project, and authorizing the mayor to sign the contract.

RESOLUTION NO. XXXX**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF SNOQUALMIE, WASHINGTON, DETERMINING THE LOWEST RESPONSIVE, RESPONSIBLE BIDDER, AND AWARDING A PUBLIC WORKS CONTRACT TO AND AUTHORIZING EXECUTION OF A CONTRACT WITH RODARTE CONSTRUCTION, INC., FOR THE WORK DESCRIBED IN SCHEDULES A, B, and C OF THE 384TH AVENUE SE SEWER-SIDEWALK PROJECT.**

WHEREAS, pursuant to Ordinance No. 448 as codified in Snoqualmie Municipal Code Section 1.08.010, the City of Snoqualmie has adopted the classification of non-charter code city, retaining the mayor-council plan of government as provided for in Chapter 35A.12 RCW; and

WHEREAS, pursuant to RCW 35A.40.210, procedures for any public work or improvement for code cities shall be governed by RCW 35.23.352; and

WHEREAS, on April 2, 2024, the City advertised the 384th Avenue SE Sewer-Sidewalk Project ("the Project") for bid, and seven responsive bids were received by the deadline of April 23, 2024; and

WHEREAS, the lowest responsive bid was from Rodarte Construction, Inc., with a bid of \$1,332,747.50 for the work on Schedule A, \$167,465.00 for the work on Schedule B, and \$1,619,574.50 for the work on Schedule C, for a total bid price of \$3,119,787.00, not including tax; and

WHEREAS, the City's consultant team has checked references and otherwise determined that Rodarte Construction, Inc., meets the mandatory bidder responsibility criteria established under RCW 39.04.350 and 39.06.020; and

WHEREAS, the City's consulting engineer and the Parks and Public Works Director recommend award of this contract to Rodarte Construction, Inc., as the lowest responsive, responsible bidder;

NOW, THEREFORE, BE IT HEREBY RESOLVED BY THE CITY COUNCIL OF THE CITY OF SNOQUALMIE AS FOLLOWS:

Section 1. Determination of Lowest Responsive, Responsible Bidder. Based on the foregoing recitals, which are hereby incorporated as findings of fact, Rodarte Construction, Inc., is the lowest responsive, responsible bidder for the 38th Avenue SE Sewer-Sidewalk Project.

Section 2. Award of Public Works Contract. The contract for construction of the work described in Schedules A, B, and C of the 384th Avenue SE Sewer-Sidewalk Project is hereby awarded to Rodarte Construction, Inc., in the amount of **\$3,239,734.28, including tax**, in accordance with its bid proposal.

Section 3. Authorization for Contract Execution. The Mayor is authorized to execute a contract with Rodarte Construction, Inc., in substantially the form attached hereto as Exhibit A.

PASSED by the City Council of the City of Snoqualmie, Washington, this 27th day of May 2024.

Katherine Ross, Mayor

Attest:

Deana Dean, City Clerk

Approved as to form:

David A. Linehan, Interim City Attorney

SECTION 00 05 00

AGREEMENT

384TH AVENUE SE SEWER/SIDEWALK PROJECT

THIS AGREEMENT is made on this _____, 20__, between the City of Snoqualmie ("City"), a municipal corporation located in the State of Washington and _____, ("Contractor").

In consideration of the terms and conditions contained in this Contract and the requirements attached to it, the parties agree as follows:

1. The Contractor shall do all of the work and furnish all of the labor, materials, tools and equipment for the construction of the improvements and shall perform any changes in the work (the "Work"), all in full compliance with the contract documents entitled 384th Avenue SE Sewer/Sidewalk, which include this Agreement (Section 00 05 00); Contractor's executed Form of Bid and Bid Schedule (Section 00 03 00), executed Performance and Payment Bond (Section 00 04 20), executed Retainage Forms (Section 00 05 10); General Terms and Conditions (00 07 00), those portions of the Washington State Department of Transportation (WSDOT) Standard Specifications for Road, Bridge and Municipal Construction, 2024 edition specifically incorporated by reference and/or modified herein, Technical Provisions, Appendices _____, Addenda _____, and any project drawings or plans.
2. The City hereby promises and agrees with the Contractor to employ, and does employ the Contractor to furnish the labor, materials, tools and equipment, and to do and cause to be done the above-described Work, and to complete and finish the same in accordance with the said contract documents and the terms and conditions herein contained, and hereby contracts to pay for the same, according to the said documents, including the schedule of estimated quantities, and unit and lump sum prices in the Form of Bid, the sum of \$ _____, subject to the actual quantity of Work performed, at the time and in the manner and upon the conditions provided for in this contract.
3. The Contractor hereby promises and agrees to diligently prosecute and obtain Substantial Completion of the Work within 200 working days (the "Contract Time"), and to obtain Physical Completion and Final Acceptance of the Work within the time and as specified in the Contract Documents. The Contractor agrees that Liquidated Damages shall be assessed in the amount of \$2,775 per day for any failure to complete the Work within the Contract Time, for any failure to meet a Contract Milestone, and for any failure to achieve Physical Completion and Final Acceptance within the time and as required in the Contract Documents.
4. The Contractor for himself, and for his agents, successors, assigns, subcontractors and/or employees, does hereby agree to the full performance of all the covenants herein contained upon the part of the Contractor.
5. The City hereby appoints and the Contractor hereby accepts the Parks & Public Works Director, as the City's representative for the purpose of administering the provisions of this Contract, including the City's right to receive and act on all reports and documents related to this Contract, to request and receive additional information from the Contractor.
6. This Contract contains terms and conditions agreed upon by the parties. The parties agree that there are no other understandings, oral or otherwise, regarding the subject matter of this Contract.

7. The Contractor agrees to comply with all applicable Federal, State, City or municipal standards for the licensing, certification, operation of facilities and programs, and accreditation and licensing of individuals.
8. The Contractor shall not assign or subcontract any portion of the work provided for under the terms of this Contract without obtaining prior written approval of the City. All terms and conditions of this Contract shall apply to any approved subcontract or assignment related to this Contract.
9. The parties intend that an independent Contractor-City relationship will be created by this Contract. The City is interested only in the results to be achieved, and the implementation of the work will lie solely with the Contractor. No agent, employee, servant, or representative of the Contractor shall be deemed to be an employee, agent, servant, or representative of the City for any purpose. Employees of the Contractor are not entitled to any of the benefits the City provides for City employees. The Contractor will be solely and entirely responsible for its acts and for the acts of its agents, employees, servants, subcontractors, or otherwise during the performance of this Contract. In the performance of the work herein contemplated, the Contractor is an independent Contractor with regard to the performance of the details of the work; however, the components of and the results of the work contemplated herein must meet the approval of the City and shall be subject to the general rights of inspection and review to secure the satisfactory completion thereof.
10. The Contractor agrees and covenants to indemnify, defend, and save harmless, the City and those persons who were, now are, or shall be duly elected or appointed officials or employees thereof, hereinafter referred to as the "City" against and from any loss, damage, costs, charge, expense, liability, claims, demands or judgments, of whatsoever kind or nature, whether to persons or to property, arising wholly or partially out of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees, except only such injury or damage as shall have been caused by or resulted from the sole negligence of the City. In case any suit or cause of action shall be brought against the City on account of any act, action, neglect, omission, or default on the part of the Contractor, his agents, successors, assignees, subcontractors and/or employees the Contractor hereby agrees and covenants to assume the defense thereof and to pay any and all costs, charges, attorney's fees and other expenses and any and all judgments that may be incurred or obtained against the City. In the event the City is required to institute legal action and/or participate in the legal action to enforce this Indemnification and Hold Harmless Clause, the Contractor agrees to pay the City's legal fees, costs and disbursements incurred in establishing the right to indemnification. If the claim, suit, or action for injuries, death, or damages as provided for in the preceding paragraphs of this specification is caused by or results from the concurrent negligence of (a) the indemnitee or the indemnitee's agents or employees and (b) the indemnitor or the indemnitor's agents for employees the indemnity provisions provided for in the preceding paragraphs of this specification shall be valid and enforceable only to the extent of the indemnitor's negligence. The Contractor expressly waives, as respects the City only, all immunity and limitation on liability under any Industrial Insurance Act, including Title 51 RCW, or other workers compensation act, disability act, or other employees benefits of any act of any jurisdiction which would otherwise be applicable in the case of such a claim. BY INITIALING BELOW THE OWNER AND CONTRACTOR CERTIFY THE WAIVER OF IMMUNITY SPECIFIED BY THIS PROVISION WAS MUTUALLY NEGOTIATED.
11. This Contract has been and shall be construed as having been made and delivered within the State of Washington, and it is mutually understood and agreed by each party hereto that this Contract shall be governed by the laws of the State of Washington, both as to interpretation and performance. Any action in law, suit and equity or judicial proceedings for the enforcement

CITY OF SNOQUALMIE
384TH AVENUE SE SEWER/SIDEWALK

of this contract or any provisions thereof, shall be instituted and maintained in the courts of competent jurisdiction located in King County, Washington.

12. The failure of the City to insist upon strict performance of any of the covenants and agreements of this Contract or to exercise any option herein conferred in any one or more instances shall not be construed to be a waiver or relinquishment of any such obligation, or any other covenants or agreements, but the same shall be and remain in full force and effect.
13. It is understood and agreed by the parties hereto that if any part of this agreement is determined to be illegal, the validity of the remaining portions shall be construed as if the agreement did not contain the particular illegal part.
14. No change or addition to this Contract shall be valid or binding upon either party unless such change or addition shall be in writing, executed by both parties.
15. The Contractor shall fully comply with all applicable state and federal employment and discrimination laws and regulations. IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and the Mayor has caused this instrument to be executed by and in the name of the said City, the day and year first above written.

IN WITNESS WHEREOF, the Contractor has executed this instrument, on the day and year first below written and the Mayor has caused this instrument to be executed by and in the name of the said City, the day and year first above written.

CITY OF SNOQUALMIE ("CITY")

_____ [CONTRACTOR]

By _____

By _____

Typed Name: Matthew Larson _____

Typed Name _____

Its: Mayor _____

Its _____

Phone: _____

Phone: _____

Fax: _____

Fax: _____

Date: _____

Date: _____

WA Contractor's License No. _____

END OF SECTION 00 05 00

384th Ave SE Corridor Redevelopment
Snoqualmie, Wa



New 6'
sidewalk

New Curb &
Gutter

Minor Lane Shift. Pavement
Width to Remain 24'. Grind
and Overlay Existing Asphalt

Gravel
Shoulder to
Remain



384th Ave Sewer/ Sidewalk

	<u>Contractor</u>	<u>Schedule A</u>	<u>Schedule B</u>	<u>Schedule C</u>	<u>Total</u>
1	Engineers Estimate	\$ 1,624,250.00	\$ 293,900.00	\$ 1,772,915.00	\$ 3,691,065.00
2	NW Cascade	\$ 1,684,857.00	\$ 202,350.00	\$ 1,638,318.00	\$ 3,525,525.00
3	A1 Landscape & Contruction	\$ 1,900,180.00	\$ 194,205.00	\$ 1,887,306.00	\$ 3,981,691.00
4	Marshbank Construction	\$ 1,813,255.00	\$ 175,310.00	\$ 1,344,804.00	\$ 3,333,369.00
5	Fury Site Works	\$ 1,560,222.81	\$ 142,191.35	\$ 1,420,283.67	\$ 3,122,697.83
6	RW Scott Construction	\$ 1,655,532.72	\$ 293,071.20	\$ 1,890,370.63	\$ 3,838,974.55
7	Active Construction Inc	\$ 1,932,211.00	\$ 225,126.00	\$ 1,682,502.00	\$ 3,839,839.00
8	Rodarte Construction	\$ 1,332,747.50	\$ 167,465.00	\$ 1,619,574.50	\$ 3,119,787.00
9					\$ -
10					\$ -
11					\$ -

384th Sewer- Sidewalk Bid Results

Item No	Description	Qty	Engineer Est		Rodarte		Fury		Marshbank		NW Cascade	
			Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
A1	Minor Change	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
A2	Construction Surveying	1	\$ 7,500.00	\$ 7,500.00	\$ 4,500.00	\$ 4,500.00	\$ 6,010.87	\$ 6,010.87	\$ 20,000.00	\$ 20,000.00	\$ 6,100.00	\$ 6,100.00
A3	Record Drawings	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
A4	Lab & Field Testing for HMA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 11,109.59	\$ 11,109.59	\$ 20,000.00	\$ 20,000.00	\$ 12,000.00	\$ 12,000.00
A5	SPCC Plan	1	\$ 1,200.00	\$ 1,200.00	\$ 500.00	\$ 500.00	\$ 292.36	\$ 292.36	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00
A6	Additional Potholing	5	\$ 750.00	\$ 3,750.00	\$ 900.00	\$ 4,500.00	\$ 730.75	\$ 3,653.75	\$ 900.00	\$ 4,500.00	\$ 780.00	\$ 3,900.00
A7	Mobilization	1	\$ 148,000.00	\$ 148,000.00	\$ 75,750.00	\$ 75,750.00	\$ 27,897.44	\$ 27,897.44	\$ 167,300.00	\$ 167,300.00	\$ 151,000.00	\$ 151,000.00
A8	Project Temp Traffic Control	1	\$ 80,000.00	\$ 80,000.00	\$ 70,000.00	\$ 70,000.00	\$ 123,478.05	\$ 123,478.05	\$ 230,000.00	\$ 230,000.00	\$ 191,631.00	\$ 191,631.00
A9	Removing Sewer Manhole	5	\$ 3,000.00	\$ 15,000.00	\$ 500.00	\$ 2,500.00	\$ 1,292.86	\$ 6,464.30	\$ 2,500.00	\$ 12,500.00	\$ 700.00	\$ 3,500.00
A10	Removal of Structures and Obstructions	1	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00	\$ 10,963.98	\$ 10,963.98	\$ 90,000.00	\$ 90,000.00	\$ 122,000.00	\$ 122,000.00
A11	Removing Asphalt Conc Pavement	1550	\$ 20.00	\$ 31,000.00	\$ 12.00	\$ 18,600.00	\$ 4.39	\$ 6,804.50	\$ 35.00	\$ 54,250.00	\$ 17.00	\$ 26,350.00
A12	Abandon Monitoring Well	1	\$ 6,000.00	\$ 6,000.00	\$ 2,500.00	\$ 2,500.00	\$ 7,601.30	\$ 7,601.30	\$ 2,750.00	\$ 2,750.00	\$ 6,450.00	\$ 6,450.00
A13	Pothole Existing Utility	15	\$ 750.00	\$ 11,250.00	\$ 900.00	\$ 13,500.00	\$ 730.93	\$ 10,963.95	\$ 900.00	\$ 13,500.00	\$ 690.00	\$ 10,350.00
A14	Removing Storm Structure	2	\$ 750.00	\$ 1,500.00	\$ 350.00	\$ 700.00	\$ 646.43	\$ 1,292.86	\$ 1,400.00	\$ 2,800.00	\$ 575.00	\$ 1,150.00
A15	Removing Storm Pipe/ Culvert	60	\$ 50.00	\$ 3,000.00	\$ 30.00	\$ 1,800.00	\$ 43.10	\$ 2,586.00	\$ 40.00	\$ 2,400.00	\$ 23.00	\$ 1,380.00
A16	Crushed Surfacing Base Course	920	\$ 70.00	\$ 64,400.00	\$ 45.00	\$ 41,400.00	\$ 30.38	\$ 27,949.60	\$ 55.00	\$ 50,600.00	\$ 41.00	\$ 37,720.00
A17	HMA CL 1/2 in	820	\$ 160.00	\$ 131,200.00	\$ 200.00	\$ 164,000.00	\$ 192.96	\$ 158,227.20	\$ 180.00	\$ 147,600.00	\$ 217.00	\$ 177,940.00
A18	Cold Mix	410	\$ 160.00	\$ 65,600.00	\$ 160.00	\$ 65,600.00	\$ 116.94	\$ 47,945.40	\$ 150.00	\$ 61,500.00	\$ 311.00	\$ 127,510.00
A19	Planing Bituminous Pavement	2500	\$ 12.00	\$ 30,000.00	\$ 4.50	\$ 11,250.00	\$ 6.10	\$ 15,250.00	\$ 7.00	\$ 17,500.00	\$ 5.50	\$ 13,750.00
A20	CL V Reinf Conc Storm Sewer Pipe 12 in	11	\$ 180.00	\$ 1,980.00	\$ 175.00	\$ 1,925.00	\$ 408.25	\$ 4,490.75	\$ 160.00	\$ 1,760.00	\$ 186.00	\$ 2,046.00
A21	Schedule A Storm Sewer Pipe 18 in	43	\$ 200.00	\$ 8,600.00	\$ 125.00	\$ 5,375.00	\$ 394.83	\$ 16,977.69	\$ 140.00	\$ 6,020.00	\$ 170.00	\$ 7,310.00
A22	Catch Basin Type 1	1	\$ 3,000.00	\$ 3,000.00	\$ 950.00	\$ 950.00	\$ 4,413.99	\$ 4,413.99	\$ 1,850.00	\$ 1,850.00	\$ 2,675.00	\$ 2,675.00
A23	Catch Basin Type 1L	1	\$ 3,500.00	\$ 3,500.00	\$ 1,500.00	\$ 1,500.00	\$ 4,764.82	\$ 4,764.82	\$ 2,300.00	\$ 2,300.00	\$ 2,750.00	\$ 2,750.00
A24	Restrictor Catch Basin Type 2 54in Diam	1	\$ 10,000.00	\$ 10,000.00	\$ 8,500.00	\$ 8,500.00	\$ 10,902.26	\$ 10,902.26	\$ 10,500.00	\$ 10,500.00	\$ 9,875.00	\$ 9,875.00
A25	Manhole 48in Diam Type 1	8	\$ 6,000.00	\$ 48,000.00	\$ 5,000.00	\$ 40,000.00	\$ 10,703.90	\$ 85,631.20	\$ 5,500.00	\$ 44,000.00	\$ 4,200.00	\$ 33,600.00
A26	Adjust Manhole	1	\$ 1,000.00	\$ 1,000.00	\$ 750.00	\$ 750.00	\$ 1,154.87	\$ 1,154.87	\$ 800.00	\$ 800.00	\$ 650.00	\$ 650.00
A27	Connection to existing Sewer Manhole	5	\$ 3,000.00	\$ 15,000.00	\$ 3,500.00	\$ 17,500.00	\$ 3.91	\$ 19.55	\$ 6,000.00	\$ 30,000.00	\$ 6,000.00	\$ 30,000.00
A28	Abandon Existing Manhole	3	\$ 2,500.00	\$ 7,500.00	\$ 500.00	\$ 1,500.00	\$ 1,096.40	\$ 3,289.20	\$ 2,500.00	\$ 7,500.00	\$ 875.00	\$ 2,625.00
A29	Plugging Existing Pipe	14	\$ 500.00	\$ 7,000.00	\$ 150.00	\$ 2,100.00	\$ 599.42	\$ 8,391.88	\$ 750.00	\$ 10,500.00	\$ 375.00	\$ 5,250.00
A30	Extra Exc Class B incl Haul	30	\$ 75.00	\$ 2,250.00	\$ 95.00	\$ 2,850.00	\$ 232.50	\$ 6,975.00	\$ 45.00	\$ 1,350.00	\$ 60.00	\$ 1,800.00
A31	Foundation Material	60	\$ 150.00	\$ 9,000.00	\$ 55.00	\$ 3,300.00	\$ 29.24	\$ 1,754.40	\$ 20.00	\$ 1,200.00	\$ 97.00	\$ 5,820.00
A32	Structure Excavation Class B Incl Haul	2460	\$ 40.00	\$ 98,400.00	\$ 28.00	\$ 68,880.00	\$ 68.31	\$ 168,042.60	\$ 40.00	\$ 98,400.00	\$ 44.00	\$ 108,240.00
A33	Shoring or Extra Excavation Class B	16650	\$ 5.00	\$ 83,250.00	\$ 0.15	\$ 2,497.50	\$ 0.33	\$ 5,494.50	\$ 1.00	\$ 16,650.00	\$ 1.00	\$ 16,650.00
A34	Ductile Iron Pipe for SS Force Main 4 in	25	\$ 150.00	\$ 3,750.00	\$ 180.00	\$ 4,500.00	\$ 210.63	\$ 5,265.75	\$ 459.00	\$ 11,475.00	\$ 228.00	\$ 5,700.00
A35	PVC SS Pipe 12 in	1730	\$ 200.00	\$ 346,000.00	\$ 170.00	\$ 294,100.00	\$ 233.63	\$ 404,179.90	\$ 130.00	\$ 224,900.00	\$ 91.00	\$ 157,430.00
A36	PVC SS Pipe 8 in	40	\$ 150.00	\$ 6,000.00	\$ 150.00	\$ 6,000.00	\$ 211.01	\$ 8,440.40	\$ 160.00	\$ 6,400.00	\$ 143.00	\$ 5,720.00
A37	DI SS Pipe 12 in	280	\$ 300.00	\$ 84,000.00	\$ 250.00	\$ 70,000.00	\$ 313.59	\$ 87,805.20	\$ 270.00	\$ 75,600.00	\$ 230.00	\$ 64,400.00
A38	Temporary Sewer Bypass	1	\$ 15,000.00	\$ 15,000.00	\$ 16,500.00	\$ 16,500.00	\$ 18,565.28	\$ 18,565.28	\$ 10,000.00	\$ 10,000.00	\$ 9,000.00	\$ 9,000.00
A39	CCTV Insp	1	\$ 5,000.00	\$ 5,000.00	\$ 4,000.00	\$ 4,000.00	\$ 4,794.67	\$ 4,794.67	\$ 6,500.00	\$ 6,500.00	\$ 35,000.00	\$ 35,000.00
A40	PVC SS Lateral 6 in for exist SS	500	\$ 100.00	\$ 50,000.00	\$ 135.00	\$ 67,500.00	\$ 89.60	\$ 44,800.00	\$ 200.00	\$ 100,000.00	\$ 120.00	\$ 60,000.00
A41	PVC SS Lateral 6 in for new SS	400	\$ 100.00	\$ 40,000.00	\$ 140.00	\$ 56,000.00	\$ 108.84	\$ 43,536.00	\$ 200.00	\$ 80,000.00	\$ 129.00	\$ 51,600.00
A42	Sewer Cleanout	32	\$ 500.00	\$ 16,000.00	\$ 600.00	\$ 19,200.00	\$ 735.03	\$ 23,520.96	\$ 800.00	\$ 25,600.00	\$ 875.00	\$ 28,000.00
A43	Inlet Protection	9	\$ 100.00	\$ 900.00	\$ 70.00	\$ 630.00	\$ 156.91	\$ 1,412.19	\$ 100.00	\$ 900.00	\$ 85.00	\$ 765.00
A44	Silt Fence	370	\$ 6.00	\$ 2,220.00	\$ 7.00	\$ 2,590.00	\$ 8.27	\$ 3,059.90	\$ 5.00	\$ 1,850.00	\$ 6.00	\$ 2,220.00
A45	Erosion/ Water Pollution Control	1	\$ 20,000.00	\$ 20,000.00	\$ 17,000.00	\$ 17,000.00	\$ 11,548.70	\$ 11,548.70	\$ 25,000.00	\$ 25,000.00	\$ 30,000.00	\$ 30,000.00
A46	Dewatering System	1	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00
B1	Minor Change	1	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00
B2	Lab & Field Testing for HMA	1	\$ 7,500.00	\$ 7,500.00	\$ 3,000.00	\$ 3,000.00	\$ 5,262.44	\$ 5,262.44	\$ 6,000.00	\$ 6,000.00	\$ 12,000.00	\$ 12,000.00
B3	Mobilization	1	\$ 27,000.00	\$ 27,000.00	\$ 15,000.00	\$ 15,000.00	\$ 1,169.43	\$ 1,169.43	\$ 17,000.00	\$ 17,000.00	\$ 18,000.00	\$ 18,000.00
B4	Project Temp Traffic Control	1	\$ 30,000.00	\$ 30,000.00	\$ 8,500.00	\$ 8,500.00	\$ 5,654.43	\$ 5,654.43	\$ 15,000.00	\$ 15,000.00	\$ 20,000.00	\$ 20,000.00
B5	HMA CL 1/2 in	630	\$ 160.00	\$ 100,800.00	\$ 140.00	\$ 88,200.00	\$ 134.48	\$ 84,722.40	\$ 130.00	\$ 81,900.00	\$ 152.00	\$ 95,760.00
B6	Planing Bituminous Pavement	3950	\$ 12.00	\$ 47,400.00	\$ 5.00	\$ 19,750.00	\$ 3.13	\$ 12,363.50	\$ 5.00	\$ 19,750.00	\$ 5.50	\$ 21,725.00
B7	Temporary Pavement Markings	1	\$ 2,500.00	\$ 2,500.00	\$ 1,750.00	\$ 1,750.00	\$ 1,754.15	\$ 1,754.15	\$ 3,500.00	\$ 3,500.00	\$ 3,600.00	\$ 3,600.00
B8	Paint Line	3580	\$ 15.00	\$ 53,700.00	\$ 1.75	\$ 6,265.00	\$ 1.75	\$ 6,265.00	\$ 2.00	\$ 7,160.00	\$ 1.75	\$ 6,265.00
C1	Minor Change	1	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00
C2	Record Drawings	1	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00	\$ 2,500.00
C3	Construction Surveying	1	\$ 15,000.00	\$ 15,000.00	\$ 18,000.00	\$ 18,000.00	\$ 21,552.60	\$ 21,552.60	\$ 20,000.00	\$ 20,000.00	\$ 22,000.00	\$ 22,000.00
C4	ADA Features Surveying	1	\$ 2,500.00	\$ 2,500.00	\$ 1,200.00	\$ 1,200.00	\$ 1,403.32	\$ 1,403.32	\$ 2,200.00	\$ 2,200.00	\$ 1,500.00	\$ 1,500.00
C5	Lab & Field Testing for HMA	1	\$ 10,000.00	\$ 10,000.00	\$ 7,500.00	\$ 7,500.00	\$ 5,262.44	\$ 5,262.44	\$ 10,000.00	\$ 10,000.00	\$ 12,000.00	\$ 12,000.00
C6	Property Restoration	1	\$ 20,000.00	\$ 20,000.00	\$ 70,000.00	\$ 70,000.00	\$ 21,123.69	\$ 21,123.69	\$ 8,500.00	\$ 8,500.00	\$ 2,000.00	\$ 2,000.00
C7	Additional Potholing	5	\$ 750.00	\$ 3,750.00	\$ 900.00	\$ 4,500.00	\$ 730.75	\$ 3,653.75	\$ 900.00	\$ 4,500.00	\$ 780.00	\$ 3,900.00
C8	Mobilization	1	\$ 162,000.00	\$ 162,000.00	\$ 140,000.00	\$ 140,000.00	\$ 27,020.37	\$ 27,020.37	\$ 66,600.00	\$ 66,600.00	\$ 148,000.00	\$ 148,000.00
C9	Project Temp Traffic Control	1	\$ 80,000.00	\$ 80,000.00	\$ 120,000.00	\$ 120,000.00	\$ 62,198.53	\$ 62,198.53	\$ 115,000.00	\$ 115,000.00	\$ 187,000.00	\$ 187,000.00
C10	Removing Existing Trees	1	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00
C11	Removal of Structures and Obstructions	1	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 15,000.00	\$ 11,548.70	\$ 11,548.70	\$ 15,000.00	\$ 15,000.00	\$ 8,000.00	\$ 8,000.00
C12	Removing Asphalt Conc Pavement	1620	\$ 20.00	\$ 32,400.00	\$ 16.00	\$ 25,920.00	\$ 5.48	\$ 8,877.60	\$ 30.00	\$ 48,600.00	\$ 22.50	\$ 36,450.00
C13	Removing Cement Conc Sidewalk	20	\$ 50.00	\$ 1,000.00	\$ 25.00	\$ 500.00	\$ 46.83	\$ 936.60	\$ 50.00	\$ 1,000.00	\$ 25.50	\$ 510.00
C14	Removing Cement Conc Pavement	60	\$ 60.00	\$ 3,600.00	\$ 28.00	\$ 1,680.00	\$ 46.78	\$ 2,806.80	\$ 30.00	\$ 1,800.00	\$ 31.00	\$ 1,860.00
C15	Removing Cement Conc Curb & Gutter	20	\$ 15.00	\$ 300.00	\$ 10.00	\$ 200.00	\$ 37.64	\$ 752.80	\$ 20.00	\$ 400.00	\$ 10.50	\$ 210.00
C16	Pothole Existing Utility	15	\$ 750.00	\$ 11,250.00	\$ 900.00	\$ 13,500.00	\$ 730.93	\$ 10,963.95	\$ 900.00	\$ 13,500.00	\$ 690.00	\$ 10,350.00
C17	Adjust Valve Box	6	\$ 600.00	\$ 3,600.00	\$ 650.00	\$ 3,900.00	\$ 6,753.81	\$ 40,522.86	\$ 600.00	\$ 3,600.00	\$ 650.00	\$ 3,900.00
C18	Roadway Excavation incl. Haul	400	\$ 45.00	\$ 18,000.00	\$ 55.00	\$ 22,000.00	\$ 39.94	\$ 15,976.00	\$ 55.00	\$ 22,000.00	\$ 52.00	\$ 20,800.00
C19	Gravel Borrow incl Haul	560	\$ 45.00	\$ 25,200.00	\$ 28.00	\$ 15,680.00	\$ 32.61	\$ 18,261.60	\$ 40.00	\$ 22,400.00	\$ 38.00	\$ 21,280.00
C20	Un											

ACI		RW Scott		A-1		Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount
Unit Price	Total Amount	Unit Price	Total Amount	Unit Price	Total Amount						
\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00						
\$ 4,600.00	\$ 4,600.00	\$ 7,020.00	\$ 7,020.00	\$ 17,140.00	\$ 17,140.00						
\$ 2,500.00	\$ 2,500.00	\$ 3,900.00	\$ 3,900.00	\$ 3,100.00	\$ 3,100.00						
\$ 33,000.00	\$ 33,000.00	\$ 26,000.00	\$ 26,000.00	\$ 18,400.00	\$ 18,400.00						
\$ 150.00	\$ 150.00	\$ 655.85	\$ 655.85	\$ 3,890.00	\$ 3,890.00						
\$ 630.00	\$ 3,150.00	\$ 1,074.32	\$ 5,371.60	\$ 1,800.00	\$ 9,000.00						
\$ 190,000.00	\$ 190,000.00	\$ 140,000.00	\$ 140,000.00	\$ 164,500.00	\$ 164,500.00						
\$ 201,500.00	\$ 201,500.00	\$ 124,540.00	\$ 124,540.00	\$ 294,000.00	\$ 294,000.00						
\$ 744.00	\$ 3,720.00	\$ 1,178.62	\$ 5,893.10	\$ 1,800.00	\$ 9,000.00						
\$ 14,000.00	\$ 14,000.00	\$ 25,000.00	\$ 25,000.00	\$ 97,980.00	\$ 97,980.00						
\$ 38.00	\$ 58,900.00	\$ 38.03	\$ 58,946.50	\$ 19.00	\$ 29,450.00						
\$ 5,000.00	\$ 5,000.00	\$ 3,478.15	\$ 3,478.15	\$ 4,500.00	\$ 4,500.00						
\$ 600.00	\$ 9,000.00	\$ 702.00	\$ 10,530.00	\$ 1,800.00	\$ 27,000.00						
\$ 768.00	\$ 1,536.00	\$ 894.08	\$ 1,788.16	\$ 1,270.00	\$ 2,540.00						
\$ 41.00	\$ 2,460.00	\$ 115.55	\$ 6,933.00	\$ 39.00	\$ 2,340.00						
\$ 46.00	\$ 42,320.00	\$ 59.26	\$ 54,519.20	\$ 48.00	\$ 44,160.00						
\$ 200.00	\$ 164,000.00	\$ 215.35	\$ 176,587.00	\$ 170.00	\$ 139,400.00						
\$ 270.00	\$ 110,700.00	\$ 215.35	\$ 88,293.50	\$ 175.00	\$ 71,750.00						
\$ 7.45	\$ 18,625.00	\$ 12.70	\$ 31,750.00	\$ 2.50	\$ 6,250.00						
\$ 256.00	\$ 2,816.00	\$ 209.06	\$ 2,299.66	\$ 1,200.00	\$ 13,200.00						
\$ 144.00	\$ 6,192.00	\$ 130.81	\$ 5,624.83	\$ 180.00	\$ 7,740.00						
\$ 2,900.00	\$ 2,900.00	\$ 2,571.73	\$ 2,571.73	\$ 3,970.00	\$ 3,970.00						
\$ 2,200.00	\$ 2,200.00	\$ 3,315.65	\$ 3,315.65	\$ 4,200.00	\$ 4,200.00						
\$ 8,900.00	\$ 8,900.00	\$ 10,508.55	\$ 10,508.55	\$ 8,800.00	\$ 8,800.00						
\$ 6,200.00	\$ 49,600.00	\$ 5,977.60	\$ 47,820.80	\$ 6,800.00	\$ 54,400.00						
\$ 780.00	\$ 780.00	\$ 1,358.50	\$ 1,358.50	\$ 850.00	\$ 850.00						
\$ 3,450.00	\$ 17,250.00	\$ 1,465.43	\$ 7,327.15	\$ 1,980.00	\$ 9,900.00						
\$ 1,550.00	\$ 4,650.00	\$ 858.33	\$ 2,574.99	\$ 990.00	\$ 2,970.00						
\$ 225.00	\$ 3,150.00	\$ 793.33	\$ 11,106.62	\$ 450.00	\$ 6,300.00						
\$ 81.00	\$ 2,430.00	\$ 303.55	\$ 9,106.50	\$ 60.00	\$ 1,800.00						
\$ 68.00	\$ 4,080.00	\$ 295.75	\$ 17,745.00	\$ 55.00	\$ 3,300.00						
\$ 48.00	\$ 118,080.00	\$ 39.93	\$ 98,227.80	\$ 63.00	\$ 154,980.00						
\$ 0.50	\$ 8,325.00	\$ 0.83	\$ 13,819.50	\$ 4.00	\$ 66,600.00						
\$ 300.00	\$ 7,500.00	\$ 193.49	\$ 4,837.25	\$ 90.00	\$ 2,250.00						
\$ 162.00	\$ 280,260.00	\$ 136.44	\$ 236,041.20	\$ 110.00	\$ 190,300.00						
\$ 151.00	\$ 6,040.00	\$ 115.29	\$ 4,611.60	\$ 90.00	\$ 3,600.00						
\$ 299.00	\$ 83,720.00	\$ 277.21	\$ 77,618.80	\$ 166.00	\$ 46,480.00						
\$ 109,000.00	\$ 109,000.00	\$ 32,500.00	\$ 32,500.00	\$ 52,100.00	\$ 52,100.00						
\$ 13,000.00	\$ 13,000.00	\$ 3,575.00	\$ 3,575.00	\$ 11,900.00	\$ 11,900.00						
\$ 159.00	\$ 79,500.00	\$ 136.20	\$ 68,100.00	\$ 88.00	\$ 44,000.00						
\$ 171.00	\$ 68,400.00	\$ 121.43	\$ 48,572.00	\$ 75.00	\$ 30,000.00						
\$ 950.00	\$ 30,400.00	\$ 1,159.59	\$ 37,106.88	\$ 1,650.00	\$ 52,800.00						
\$ 108.00	\$ 972.00	\$ 92.95	\$ 836.55	\$ 220.00	\$ 1,980.00						
\$ 6.50	\$ 2,405.00	\$ 5.73	\$ 2,120.10	\$ 18.00	\$ 6,660.00						
\$ 44,500.00	\$ 44,500.00	\$ 25,000.00	\$ 25,000.00	\$ 64,700.00	\$ 64,700.00						
\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00	\$ 60,000.00						
\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00						
\$ 5,500.00	\$ 5,500.00	\$ 6,500.00	\$ 6,500.00	\$ 12,450.00	\$ 12,450.00						
\$ 10,500.00	\$ 10,500.00	\$ 26,000.00	\$ 26,000.00	\$ 17,000.00	\$ 17,000.00						
\$ 54,000.00	\$ 54,000.00	\$ 24,908.00	\$ 24,908.00	\$ 29,780.00	\$ 29,780.00						
\$ 141.00	\$ 88,830.00	\$ 217.19	\$ 136,829.70	\$ 144.00	\$ 90,720.00						
\$ 7.80	\$ 30,810.00	\$ 7.65	\$ 30,217.50	\$ 2.10	\$ 8,295.00						
\$ 4,400.00	\$ 4,400.00	\$ 9,308.00	\$ 9,308.00	\$ 3,800.00	\$ 3,800.00						
\$ 1.70	\$ 6,086.00	\$ 2.60	\$ 9,308.00	\$ 2.00	\$ 7,160.00						
\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 50,000.00						
\$ 2,500.00	\$ 2,500.00	\$ 3,900.00	\$ 3,900.00	\$ 3,200.00	\$ 3,200.00						
\$ 20,000.00	\$ 20,000.00	\$ 24,700.00	\$ 24,700.00	\$ 18,000.00	\$ 18,000.00						
\$ 1,300.00	\$ 1,300.00	\$ 2,200.00	\$ 2,200.00	\$ 5,410.00	\$ 5,410.00						
\$ 16,000.00	\$ 16,000.00	\$ 20,000.00	\$ 20,000.00	\$ 8,740.00	\$ 8,740.00						
\$ 42,000.00	\$ 42,000.00	\$ 23,000.00	\$ 23,000.00	\$ 28,741.00	\$ 28,741.00						
\$ 400.00	\$ 2,000.00	\$ 887.12	\$ 4,435.60	\$ 1,800.00	\$ 9,000.00						
\$ 101,127.80	\$ 101,127.80	\$ 160,000.00	\$ 160,000.00	\$ 167,970.00	\$ 167,970.00						
\$ 175,000.00	\$ 175,000.00	\$ 136,500.00	\$ 136,500.00	\$ 78,880.00	\$ 78,880.00						
\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00	\$ 3,000.00						
\$ 13,700.00	\$ 13,700.00	\$ 25,000.00	\$ 25,000.00	\$ 75,450.00	\$ 75,450.00						
\$ 14.00	\$ 22,680.00	\$ 44.67	\$ 72,365.40	\$ 19.00	\$ 30,780.00						
\$ 33.00	\$ 660.00	\$ 39.88	\$ 797.60	\$ 33.00	\$ 660.00						
\$ 24.00	\$ 1,440.00	\$ 40.13	\$ 2,407.80	\$ 70.00	\$ 4,200.00						
\$ 18.00	\$ 360.00	\$ 100.85	\$ 2,017.00	\$ 11.00	\$ 220.00						
\$ 600.00	\$ 9,000.00	\$ 601.25	\$ 9,018.75	\$ 1,800.00	\$ 27,000.00						
\$ 600.00	\$ 3,600.00	\$ 562.25	\$ 3,373.50	\$ 550.00	\$ 3,300.00						
\$ 65.00	\$ 26,000.00	\$ 39.92	\$ 15,968.00	\$ 60.00	\$ 24,000.00						
\$ 62.00	\$ 34,720.00	\$ 51.46	\$ 28,817.60	\$ 45.00	\$ 25,200.00						
\$ 71.00	\$ 2,840.00	\$ 303.55	\$ 12,142.00	\$ 66.00	\$ 2,640.00						
\$ 54.00	\$ 36,126.00	\$ 39.94	\$ 26,719.86	\$ 62.00	\$ 41,478.00						
\$ 46.00	\$ 38,640.00	\$ 55.00	\$ 46,200.00	\$ 44.00	\$ 36,960.00						
\$ 50.00	\$ 11,500.00	\$ 55.00	\$ 12,650.00	\$ 70.00	\$ 16,100.00						
\$ 200.00	\$ 176,000.00	\$ 215.35	\$ 189,508.00	\$ 166.00	\$ 146,080.00						
\$ 15.50	\$ 1,085.00	\$ 40.00	\$ 2,800.00	\$ 45.00	\$ 3,150.00						
\$ 47.00	\$ 119,004.00	\$ 75.00	\$ 189,900.00	\$ 110.00	\$ 278,520.00						
\$ 55.00	\$ 30,800.00	\$ 65.00	\$ 36,400.00	\$ 55.00	\$ 30,800.00						
\$ 200.00	\$ 59,800.00	\$ 144.00	\$ 43,056.00	\$ 155.00	\$ 46,345.00						
\$ 202.00	\$ 56,560.00	\$ 134.00	\$ 37,520.00	\$ 155.00	\$ 43,400.00						
\$ 95.00	\$ 99,465.00	\$ 110.00	\$ 115,170.00	\$ 98.00	\$ 102,606.00						
\$ 15,000.00	\$ 15,000.00	\$ 3,575.00	\$ 3,575.00	\$ 8,741.00	\$ 8,741.00						
\$ 1,700.00	\$ 15,300.00	\$ 2,734.01	\$ 24,606.09	\$ 3,540.00	\$ 31,860.00						
\$ 2,200.00	\$ 8,800.00	\$ 3,295.18	\$ 13,180.72	\$ 4,100.00	\$ 16,400.00						
\$ 4,200.00	\$ 33,600.00	\$ 6,318.65	\$ 50,549.20	\$ 3,200.00	\$ 25,600.00						
\$ 106.00	\$ 2,120.00	\$ 303.55	\$ 6,071.00	\$ 60.00	\$ 1,200.00						
\$ 89.00	\$ 3,560.00	\$ 295.75	\$ 11,830.00	\$ 62.00	\$ 2,480.00						
\$ 51.00	\$ 60,180.00	\$ 39.93	\$ 47,117.40	\$ 62.00	\$ 73,160.00						
\$ 0.50	\$ 3,065.00	\$ 0.83	\$ 5,087.90	\$ 4.00	\$ 24,520.00						
\$ 245.00	\$ 39,200.00	\$ 295.75	\$ 47,320.00	\$ 70.00	\$ 11,200.00						
\$ 98.00	\$ 1,372.00	\$ 92.95	\$ 1,301.30	\$ 120.00	\$ 1,680.00						
\$ 9,300.00	\$ 9,300.00	\$ 15,000.00	\$ 15,000.00	\$ 21,450.00	\$ 21,450.00						
\$ 251.00	\$ 251.00	\$ 655.85	\$ 655.85	\$ 9,870.00	\$ 9,870.00						
\$ 6.00	\$ 1,800.00	\$ 5.73	\$ 1,719.00	\$ 18.00	\$ 5,400.00						
\$ 5.00	\$ 8,150.00	\$ 5.73	\$ 9,339.90	\$ 14.00	\$ 22,820.00						
\$ 6.00	\$ 2,580.00	\$ 5.73	\$ 2,463.90	\$ 18.00	\$ 7,740.00						
\$ 7,500.00	\$ 7,500.00	\$ 2,500.00	\$ 2,500.00	\$ 21,450.00	\$ 21,450.00						
\$ 90.00	\$ 630.00	\$ 167.33	\$ 1,171.31	\$ 70.00	\$ 490.00						
\$ 45.50	\$ 88,952.50	\$ 58.58	\$ 114,523.90	\$ 45.00	\$ 87,975.00						
\$ 28.00	\$ 280.00	\$ 58.95	\$ 589.50	\$ 60.00	\$ 600.00						
\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00	\$ 25,000.00						
\$ 164.00	\$ 59,040.00	\$ 94.32	\$ 33,955.20	\$ 88.00	\$ 31,680.00						
\$ 14.00	\$ 5,600.00	\$ 50.00	\$ 20,000.00	\$ 18.00	\$ 7,200.00						
\$ 364.00	\$ 728.00	\$ 1,500.00	\$ 3,000.00	\$ 450.00	\$ 900.00						
\$ 33.00	\$ 13,860.00	\$ 39.00	\$ 16,380.00	\$ 71.00	\$ 29,820.00						
\$ 875.00	\$ 875.00	\$ 1,017.25	\$ 1,017.25	\$ 850.00	\$ 850.00						
\$ 434.00	\$ 1,302.00	\$ 1,017.25	\$ 3,051.75	\$ 750.00	\$ 2,250.00						
\$ 80.00	\$ 41,600.00	\$ 74.83	\$ 38,								



UTILITIES CAPITAL PROJECT OR PROGRAM

UTILITY MAIN & DRAINAGE SYSTEM REPLACEMENT PROGRAM

CIP Project ID: TBD
 Department: Utilities
 Project Status: Other
 Project Location: Multiple Locations
 Project Contact: Jeff Hamlin

Current Program Budget: **\$12,763,000**

Years Project in CIP: Ongoing Capital Program

Contact Email: jhamlin@snoqualmiewa.gov

Project Description:

This program replaces existing water mains, sewer mains, and storm drainage systems that have reached or exceeded their useful life with new pipe. This program will also include improvements to streets consistent with City of Snoqualmie adopted standards. The exact location of work will be determined separately by Council on at least a biennial basis.

Photo or Map:



Community Impact:

As with most utility infrastructure projects and programs, this program will largely be invisible to ratepayers. However, improved street conditions will result from any below-grade utility main improvements. Most importantly, residents will continue to receive quality service while avoiding the potential corrosion and deterioration that arises when aging mains and drainage systems operate past the end of their useful life.

Operating Impact:

This program will reduce the number of unanticipated repairs needed in the event that a main breaks. Because these breaks are unpredictable, no reduction to the operating budget has been recorded.

Budget:

Project Activities	% of Budget	Total Activity Budget	2023	2024	2025	2026	2027	2028	2029 or Beyond
Analysis	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	This capital program is anticipated to continue indefinitely into the future.
Design	9%	\$ 1,156,787	\$ 91,398	\$ 197,520	\$ 202,580	\$ 207,229	\$ 217,169	\$ 240,891	
Construction	60%	\$ 7,711,915	\$ 609,321	\$ 1,316,799	\$ 1,350,536	\$ 1,381,525	\$ 1,447,794	\$ 1,605,940	
Const. Manage	9%	\$ 1,156,787	\$ 91,398	\$ 197,520	\$ 202,580	\$ 207,229	\$ 217,169	\$ 240,891	
Contingency	12%	\$ 1,542,383	\$ 121,864	\$ 263,360	\$ 270,107	\$ 276,305	\$ 289,559	\$ 321,188	
Art	0%	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Labor	6%	\$ 809,532	\$ 42,552	\$ 92,962	\$ 110,669	\$ 137,637	\$ 227,919	\$ 197,793	
Other	3%	\$ 385,596	\$ 30,466	\$ 65,840	\$ 67,527	\$ 69,076	\$ 72,390	\$ 80,297	
TOTAL	100%	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000	
Operating		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	

TOTAL PROJECT BUDGET: **\$12,763,000**TOTAL OPERATING BUDGET: **\$0**

Anticipated Funding Mix:

Source	Total Sources	2023	2024	2025	2026	2027	2028
Utility Fees ("Rates")	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000
TOTAL	\$ 12,763,000	\$ 987,000	\$ 2,134,000	\$ 2,204,000	\$ 2,279,000	\$ 2,472,000	\$ 2,687,000

Fiscal

TOTAL FUNDING SOURCES: **\$12,763,000**

Notes:

FUTURE FUNDING REQUIREMENTS: **\$0**