

**GRANDVIEW CITY COUNCIL
COMMITTEE-OF-THE-WHOLE
MEETING AGENDA
TUESDAY, SEPTEMBER 13, 2022**



PLEASE NOTE: The maximum occupancy of the Council Chambers is 49 individuals at one time. Access to exits must be kept clear to ensure everyone in the Chambers can safely exit in the event of an emergency.

This meeting will be held in person and will also be available via teleconference. For meeting information and instructions, please contact City Hall at (509) 882-9200.

COMMITTEE-OF-THE-WHOLE MEETING – 6:00 PM

PAGE

- 1. CALL TO ORDER**
- 2. ROLL CALL**
- 3. PUBLIC COMMENT** – At this time, the public may address the Council on any topic whether on the agenda or not, except those scheduled for public hearing. If you would like to address the Council, please step up to the microphone and give your name and address for the record. Your comments will be limited to three minutes.
- 4. NEW BUSINESS**
 - A. Grandview Small Business Grant – Sheri-Lou Creson, Account Manager, Field Group Marketing and Advertising 1-2
 - B. Ordinance amending the 2022 Annual Budget 3-7
 - C. Resolution adopting Water Use Efficiency (WUE) Goals and Measures 8-22
 - D. Resolution approving Task Order No. 2022-05 with HLA Engineering and Land Surveying, Inc., for the Cemetery Improvements 23-27
 - E. Resolution approving the final plat of Pappy's Landing – Phase 1 located on Forsell Road 28-34
 - F. Wine Country Road and McCreddie Road Roundabout Utility Extension 35-37
 - G. Resolution accepting the Sanitary Sewer Trunk Main Replacement as complete 38-42
 - H. Resolution authorizing the Mayor to sign the Allocation Agreement governing the allocation of funds paid by the settling opioid distributors in Washington State 43-154
- 5. OTHER BUSINESS**
- 6. ADJOURNMENT**

The City of Grandview Committee-of-the-Whole and Regular Council Meetings scheduled for Tuesday, September 13, 2022 at 6:00 pm and 7:00 pm will be held in person and will also be available via teleconference.

Please join the meeting from your computer, tablet or smartphone.

Join Zoom Meeting

<https://us06web.zoom.us/j/89843463961?pwd=WkxUaVk2SGZCZjVhYjJlFeVNNYk5UQT09>

Meeting ID: 898 4346 3961

Passcode: 397995

To join via phone: +1 253 215 8782 US

Meeting ID: 898 4346 3961

Passcode: 397995



FOR IMMEDIATE RELEASE – SEPTEMBER 8, 2022

MEDIA CONTACT:

Matthew Cordray
Treasurer, City of Grandview
mattc@grandview.wa.us, 509-882-9200

City of Grandview Offers \$10K Grants to Businesses Impacted by COVID-19

GRANDVIEW, WA – The City of Grandview is offering 15 grants of up to \$10,000 to qualified Grandview business owners who suffered significant losses due to the COVID-19 pandemic. These potential businesses must be independently owned and operated with no more than 30 employees and have been in business six months prior to October 2022.

“The pandemic hit everyone hard,” said Gloria Mendoza, Mayor of Grandview. “Whether through lockdown-related closures, lack of adequate staffing, or simply a reduced clientele, local shops and eateries have sustained immeasurable losses during the COVID-19 pandemic.”

Applications are on the City website and are due by October 10, 2022. The grant requirements stipulate that funding can be used to offset any of the following impacts:

- Decreased revenue or gross receipts
- Financial security
- Challenges covering payroll, rent or mortgage, and other operating costs
- Capacity to weather financial hardship
- Increased cost of doing business
- Other circumstances of hardship

Funding stems from the federal government’s American Rescue Plan Act but will be distributed by the City of Grandview. No repayment will be required, with the intent that the funds will be used to better Grandview’s economy and foster a strong business community. The hope is that Grandview will continue to grow and thrive, establishing the city as an essential hub in the Yakima Valley.

“As our city slogan says, Grandview is on the move...and growing,” Mendoza continued. “Small, local businesses have been vital to our community and economy. These grants will help alleviate some monetary barriers and we will continue seeking ways to help businesses in our city re-establish themselves and flourish.”

To apply for a grant, interested business owners should visit the City’s website at www.grandview.wa.us to download the grant application and guidelines. Applications are due by October 10, 2022, and should include a description of how the business was affected by the pandemic, as well as future plans to benefit the Grandview community.

###

REVIVE YOUR BUSINESS DREAMS!



Weathering
the pandemic
left your shop
or eatery
wilting? Perk
it up with
\$10,000!



You heard us right... if your Grandview business sustained losses related to COVID-19, we want to help it flourish again. Contact City Treasurer Matt Cordray or visit grandview.wa.us to learn more about securing a small business aid grant.



Matt Cordray | mattc@grandview.wa.us

Grants are for Grandview Businesses. For more info visit: www.grandview.wa.us.

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE Ordinance amending the 2022 Annual Budget	AGENDA NO.: New Business 4 (B) AGENDA DATE: September 13, 2022
DEPARTMENT City Treasurer	FUNDING CERTIFICATION (City Treasurer) (If applicable)

DEPARTMENT DIRECTOR REVIEW
Matthew Cordray, City Treasurer 

CITY ADMINISTRATOR  **MAYOR** 

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)
Staff monitoring and review of fund and department budgets has identified numerous budget accounts to be amended. An ordinance will be prepared to provide for the amending of the 2022 Annual Budget to accommodate the changes in sources and uses.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

By Fund the highlights of the budget changes are:
CURRENT EXPENSE FUND: Increase revenues for City-County Assistance. Decrease appropriations for Professional Services – State Auditor's Office. Increase appropriations for Professional Services – Indigent Defense, City Attorney – Labor Negotiations, Professional Services and Advertising in Human Resources, Professional Services in Corrections, Regular Salaries and Wages and Supplies in Graffiti Removal. Net effect is a decrease to estimated ending fund balance.

AMERICAN RESCUE PLAN ACT FUND: Increase appropriations for Retention Incentive for New Hires, Police Department Fitness Facility, School Resource Officer, Ambulance Match, Senior Citizen's Recognition Event, Skateboard Park for Youth and Grandview/Sunnyside Pathway Pledge. Net effect is a decrease to estimated ending fund balance.

ACTION PROPOSED
Move an ordinance amending the 2022 Annual Budget to a regular Council meeting for consideration.

to Sue 9/xx/2022 - mc **Ordinance No. 2022-X**

Account	Description Fund/Account	Original Estimate	Amendment Amount	New Estimate	Treasurer's notes
	Current Expense Fund				
001 000 000 308 51 00 00	Beginning Fund Balance - Assigned	74,060	-	74,060	
001 000 000 308 91 00 00	Beginning Fund Balance - Unassigned	1,000,630		1,000,630	
001 000 000 336 00 98 00	City-County Assistance		65,000	5,894,770	Additional payment plus larger payments
	Revenues/Sources	5,829,770			
	Current Exp. Fund Total	6,904,460	65,000	6,969,460	
001 003 000 512 50 41 00	Prof Svcs - Indigent Defense		20,000		Additional cases
001 009 010 514 23 41 00	Professional Services - S.A.O.		(32,000)		No state audit in 2022
001 015 000 515 41 41 02	City Attorney - Labor Negotiations		35,000		Labor negotiations for police department
001 020 000 518 10 41 00	Professional Services		5,000		Public Safety Testing
001 020 000 518 10 41 01	Advertising		5,000		City job openings
001 034 000 523 60 41 00	Professional Services		30,000		Medical costs for inmates
001 036 000 521 30 11 00	Regular Salaries & Wages		1,500		Graffiti removal labor
001 036 000 521 30 31 10	Graffiti Removal Supplies		3,500		Graffiti removal supplies
	Expenditures/Uses	6,812,755		6,880,755	
001 099 000 508 51 00 00	Ending Fund Balance - Assigned	10,000		10,000	
001 099 000 508 91 00 00	Ending Fund Balance - Unassigned	81,705	(3,000)	78,705	
	Current Exp. Fund Total	6,904,460	65,000	6,969,460	

to Sue 9/xx/2022 - mc **Ordinance No. 2022-X**

Description Fund/Account	Original Estimate	Amendment Amount	New Estimate	Treasurer's notes
<input type="checkbox"/> 010 000 000 308 91 00 00	1,513,210		1,513,210	
American Rescue Plan Act Fund				
Beginning Fund Balance - Unassigned	1,513,210		1,513,210	
Revenues/Sources				
	1,546,200		1,546,200	
ARPA Fund Total				
	3,059,410	-	3,059,410	
Expenditures/Uses				
<input type="checkbox"/> 010 032 000 521 22 11 00		30,000		Hiring incentive for new officers
<input type="checkbox"/> 010 032 000 594 21 63 01		70,000		Remodel an existing building to build fitness facility
<input type="checkbox"/> 010 033 000 521 30 11 00		120,000		Partner with the school district
<input type="checkbox"/> 010 038 000 594 22 64 01		43,000		City's match to Yakima County ARPA grant
<input type="checkbox"/> 010 058 000 569 00 49 01		8,000		Recognition event for senior citizens
<input type="checkbox"/> 010 080 000 575 20 49 01		10,000		Funds to begin applying towards a skateboard park
<input type="checkbox"/> 010 082 000 594 76 63 02		50,000		City's pledge to Yakima County ARPA grant
ARPA Fund Total				
	1,513,000		1,844,000	
Ending Fund Balance - Unassigned				
<input type="checkbox"/> 010 099 000 508 91 00 00	1,546,410	(331,000)	1,215,410	
ARPA Fund Total				
	3,059,410	-	3,059,410	

ORDINANCE NO. 2022-___

**AN ORDINANCE OF THE CITY OF GRANDVIEW, WASHINGTON,
AMENDING THE 2022 ANNUAL BUDGET**

WHEREAS, the original 2022 estimated beginning fund balances and revenues do not reflect available budget sources; and

WHEREAS, there are necessary and desired changes in uses and expenditure levels in the funds; and

WHEREAS, there are sufficient sources within the funds to meet the anticipated expenditures.

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

Section 1. That the 2022 annual budget be amended to reflect the changes presented in Exhibit A.

Section 2. That the City Administrator is authorized and directed to adjust estimated revenues, expenditures and fund balances reflecting the determined changes.

Section 3. This Ordinance shall be in full force and effect five (5) day after its passage and publication as required by law.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on September ___, 2022.

MAYOR

ATTEST:

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

PUBLICATION:
EFFECTIVE:

Exhibit A

	Beginning Balance	Estimated Revenues	Appropriated Expenditures	Ending Balance	Budget Total
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Current Expense Fund					
Original 2022 Budget	1,074,690	5,829,770	6,812,755	91,705	6,904,460
Amendment Amount		65,000	68,000	(3,000)	65,000
Amended Total	1,074,690	5,894,770	6,880,755	88,705	6,969,460

ARPA Fund					
Original 2022 Budget	1,513,210	1,546,200	1,513,000	1,546,410	3,059,410
Amendment Amount			331,000	(331,000)	-
Amended Total	1,513,210	1,546,200	1,844,000	1,215,410	3,059,410

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE: Resolution approving Water Use Efficiency (WUE) Goals and Measures	AGENDA NO. New Business 4 (C) AGENDA DATE: September 13, 2022
DEPARTMENT Public Works Department	FUNDING CERTIFICATION (City Treasurer) (If applicable)

DEPARTMENT DIRECTOR REVIEW

Cus Arteaga, City Administrator/Public Works Director 

CITY ADMINISTRATOR  **MAYOR** 

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)

Water systems are required by the Washington State Department of Health (DOH) to update water use efficiency goals and measures at least every six years, or as part of the water system plan update process. Water use efficiency goals were last adopted by the City in 2015, and the City is in the process of updating its water system plan.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

During tonight's Council meeting, a public hearing will be held to review and adopt water use efficiency goals and measures, as required by the DOH. In accordance with WAC 246-290-830, water use efficiency goals must be set in a public forum and be designed to promote efficient use of water by customers.

To continue promotion of efficient water use, and to reduce future water system demands, the following goal is proposed to be adopted by the City:

- Reduce total water consumption by 2% over the 10-year reporting period of 2022 – 2032.

Measures the City will take to achieve this goal will include:

- Water Conservation School Career Days Outreach Program – Once a year, the City's Water System Operator will attend the local school's Career Day and teach children about the many ways to protect and conserve the City's water resource.
- Irrigation Run Time Reduction – The City will prepare water wise guidelines and water conservation pamphlets and distribute to customers in promoting reduction of irrigation run times, ultimately reducing potable water consumption.
- Customer Leak Detection – Public Works staff will work closely with utility billing staff in identifying high water usage customers. When high usage is revealed, Public Works staff will contact the customer in a timely manner.
- DOH Publication Distribution – Public Works staff will print and deliver DOH publications to customers. This will be accomplished through door-to-door communication.

-
- Water Conservation Devices – Public Works staff will inform customers about available water saving devices and effects of utilizing such devices. Example water conservation devices include water saving shower heads, toilet tank bank, rain sensors, irrigation timers
 - Consumer Consumption History – The monthly utility statements that the City sends out to its customers indicate monthly water consumption. Customers may request a more detailed breakdown of water consumption history, allowing customers to track and compare their usage. Citizens can be informed of their own water use trends.

If the water use efficiency goal is achieved, the average day demand will be reduced by about 50,000 gallons per day, or a savings of about 18.25 million gallons of water a year for the entire system.

ACTION PROPOSED

Move a resolution approving Water Use Efficiency (WUE) Goals and Measures to the September 13, 2022 regular Council meeting for consideration following the public hearing.

RESOLUTION 2022-40

**A RESOLUTION OF THE CITY OF GRANDVIEW, WASHINGTON,
ADOPTING WATER USE EFFICIENCY (WUE) GOALS AND MEASURES**

WHEREAS, the Department of Health (DOH) requires all public water systems evaluate and reestablish water use efficiency (WUE) goals through a public process as part of updating a water system plan, in accordance with WAC 246-290-830; and

WHEREAS, the WUE program is intended to help water customers use water more efficiently and reduce future water system demands; and

WHEREAS, the WUE goals must include evaluation and establishment of measures supporting how the goals will be met; and

WHEREAS, it is the goal of the City to promote water conservation;

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

GOAL: Reduce single-family residential water consumption per service by 2% over the next 10-year planning period.

MEASURES: The City plans to implement the following measures to achieve the above goal.

1. Water Conservation School Career Days Outreach Program
2. Irrigation Run Time Reduction
3. Customer Leak Detection
4. DOH Publication Distribution
5. Water Conservation Devices
6. Consumer Consumption History

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on September 13, 2022.

MAYOR

ATTEST:

CITY CLERK

APPROVED AS TO FORM

CITY ATTORNEY



CHAPTER 4 - WATER USE EFFICIENCY (WUE) PROGRAM



4.1 WATER USE EFFICIENCY PROGRAM (WUE)

4.1.1 Planning Requirements

In 2003, the Washington State Legislature passed the Municipal Water Supply-Efficiency Requirements Act (commonly called the Municipal Water Law) as part of a multi-year effort to reform the state's water laws. The act requires all municipal water suppliers to use water more efficiently in exchange for water right certainty and flexibility to meet future water demands. The Legislature directed the DOH to adopt a rule that establishes water use efficiency requirements for all municipal suppliers. The Water Use Efficiency (WUE) Rule, which became effective on January 22, 2007, includes the following key items:

- **WUE Program** – This element of the rule requires the collection of water production and consumption data, forecast of future water demands, evaluation of system leakage, evaluation of water rate structures, and the implementation of WUE measures. This Program is a required element of all Water System Plans prepared after January 22, 2008.
- **Distribution System Leakage (DSL) Standard** – Municipal water suppliers with 1,000 or more connections are required to satisfy a DSL standard equal to 10% or less of total production by July 1, 2010.
- **WUE Goal Setting and Performance Reporting** – Municipal water suppliers are required to set WUE goals through a public process and report annually on their performance to customers and to DOH. For water systems with 1,000 or more connections, the deadline for establishing systems goals was July 1, 2009. WUE goals must be established through a public process for a six-year period and should be re-evaluated each cycle.

The rule requirements and compliance deadlines are shown in Table 4-1.

TABLE 4-1 WATER USE EFFICIENCY RULE REQUIREMENTS		
Requirement	Deadlines	
	1,000 or more Connections	Under 1,000 Connections
Begin Production & Consumption Data Collection	January 1, 2007	January 1, 2008
Establish WUE Goals	July 1, 2009	July 1, 2010
Include WUE Program in Planning Documents	January 22, 2008	January 22, 2008
Submit First Annual Performance Report	July 1, 2008	July 1, 2009
Submit Service Meter Installation Schedule	July 1, 2008	July 1, 2009
Meet DSL Standard	July 1, 2010	July 1, 2011
Complete Installation of all Service Meters	January 22, 2017	January 22, 2017





A WUE Program is one requirement of the WUE Rule. All Water System Plans submitted to the DOH after January 22, 2008, are required to include a WUE Program. WAC 246-290-810(4) requires municipal water suppliers to include the following items in their WUE program:

- Description of the current water conservation program including an estimation of water saved through program implementation over the last six years;
- Description of the chosen WUE goals;
- Evaluation and implementation of WUE measures;
- Projected water savings;
- Customer education;
- WUE program effectiveness; and
- DSL evaluation.

4.1.2 Current Water Conservation Program

Grandview's current Water Conservation Program, or Water Use Efficiency (WUE) Program, was prepared in November 2015. As part of this *Water System Plan*, the City's current WUE Program was expanded and restructured in accordance with WAC 246-290-810(4) and consists of the following elements:

- Water Use Efficiency Goals
- Evaluation and Implementation of Water Use Efficiency Measures
- WUE Measure Implementation
- Customer Education
- Water Use Efficiency Program Effectiveness
- Distribution System Leakage (DSL) Evaluation

Provided in Table 4-2 is a summary of the population, number of water services, water consumption, and per capita water consumption from 2014 to 2020. Further information on historical water use is provided in (Table Below). Since 2014, total system annual water consumption has increased by approximately 2.5%. Annual residential demand and demand per service per day shows a decreasing trend from 2014 to 2017, and an increasing trend from 2017 to 2020.



TABLE 4-2 WATER CONSUMPTION INFORMATION 2014-2020

Year	Population ^a	Total Water Services ^b	Annual Water Production (MG)	Annual Water Consumption (MG)	Annual Residential Consumption (MG)	Residential Water Services	Residential Avg. Day Consumption per service (gal/service/day)
2014	11,170	2,904	633.19	630.50	255.35	2,609	221
2015	11,200	2,744	645.00	603.29	253.77	2,515	216
2016	11,160	2,761	617.36	595.41	247.68	2,533	206
2017	11,170	2,750	611.53	616.15	239.29	2,533	200
2018	11,180	2,759	578.48	663.61	250.56	2,542	210
2019	11,200	2,837	613.87	673.94	252.20	2,581	211
2020	11,230	2,889	641.31	634.19	259.89	2,607	220

Note: Residential water services represents Single-Family Residential user category only.
^a From Washington State OFM population estimates.
^b City began recording total accounts vs accounts with consumption in 2015.

The City's 2008 *Water Use Efficiency Program* included a goal to reduce total water consumption from 2015 to 2021 by 10 million gallons. The City's goal was first met in 2016 and since, the City has sustained the 25-million-gallon reduction from the 2008. Since producing 672.29 MG in 2008, annual production has decreased to 641.31 MG in 2020, an overall decrease of 4.8%. It should be noted that from 2017 to 2020, source meter issued developed in South Willoughby (Well S13) resulting in greater consumption than production.

Since 2015, the City has replaced several water service lines, valves, and distribution mains that were suspected to be leaking. These efforts have assisted in reducing the difference between water production and consumption volumes.

4.1.3 Water Use Efficiency Goals

WUE goals are an integral component of the WUE program, setting the groundwork for more efficient use of water. The City of Grandview has observed reductions in single-family residential consumption per service through past conservation measures, resulting in less production. Therefore, the City of Grandview has proposed the following WUE goals for their water system:

1. The City of Grandview's water system will work towards reducing total consumption by 2% during the 10-year reporting period of 2022 - 2032.

The WUE goals will be presented at a public study session to be adopted by City Council. Documentation of the public forum is included in CHAPTER 10. Adoption of the above WUE goal is expected to improve system performance and consequently reduce water production volumes.





4.1.4 Evaluation and Implementation of Water Use Efficiency Measures

Water use efficiency (WUE) measures are necessary actions taken to attain a water system's established efficiency goals. Measures are intended to support the WUE program and should address both supply and demand efficiencies. For this reason, the WUE measures that have been evaluated and/or implemented are separated into two primary categories, demand side and supply side measures. All the selected WUE measures pertaining to Grandview's WUE goals were presented to the public during the goal setting process.

Demand Side Measures

Municipal water systems are required to evaluate or implement a specified number of demand side water use efficiency (WUE) measures based upon the size of the water system. Table 4-3 shows the minimum number of measures required to be evaluated or implemented by the City of Grandview.

TABLE 4-3 WATER USE EFFICIENCY MEASURES	
Number of Service Connections	Number of Water Use Efficiency Measures to be Evaluated
Less than 500	1
500 - 999	4
1,000 – 2,499	5
2,500 – 9,999	6 (Grandview's current requirement)
10,000 – 49,999	9
Greater than 50,000	12

A discussion of the demand side measures that the City of Grandview has evaluated to achieve its specified efficiency goal are provided below, along with the estimated costs to implement the measures and the projected water savings. Evaluation of the following measures for cost-effectiveness is primarily based upon the overall implementation costs as compared to the amount of potential water savings.

Water Conservation School Career Days Outreach Program – Once a year, the City of Grandview's Water System Operator will attend the local school's Career Day and teach children about the many ways to protect and conserve the City's water resource. This activity involves preparation of educational programs for school children targeted to increase awareness of local water resources and encourage water conservation practices, and includes school presentations, preparation of curriculum material, and tours of water system facilities. Costs associated with this measure would primarily be in preparation of curriculum material, and time involved in working with the school district for the presentation of the program.

WUE Measure Cost Estimate: \$1,500 for preparation of curriculum materials.

Estimated Water Savings: 150,000 gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled annually.



Irrigation Run Time Reduction – Grandview owns and operates a pressurized irrigation system that supplies pressurized irrigation water to approximately 500 residences. The remaining 1,727 single-family residential customers within the City utilize potable water for irrigating lawns, gardens, and other landscaping. The City of Grandview will prepare water wise guidelines and water conservation pamphlets and distribute to customers in promoting reduction of irrigation run times, ultimately reducing potable water consumption.

WUE Measure Cost Estimate: \$800 for preparation of materials

Estimated Water Savings: 1.4 million gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for implementation in 2023.

Customer Leak Detection – Grandview Public Works staff will work closely with utility billing staff in identifying high water usage customers. When high usage is revealed, Public Works staff will contact the customer in a timely manner. Staff will provide leak detection services to customers and offer solutions for leak repairs. Following inspections, customers will receive DOH pamphlets promoting water conservation and tips toward consumption reduction.

WUE Measure Cost Estimate: \$800 for printing materials

Estimated Water Savings: 800,000 gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for implementation in 2023.

DOH Publication Distribution – Grandview Public Works staff will print and deliver DOH publications to customers. This will be accomplished through door-to-door communication. The City has found face to face interaction as the most effective means of communicating with customers.

WUE Measure Cost Estimate: \$800 for printing materials

Estimated Water Savings: 800,000 gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for implementation in 2024.

Water Conservation Devices – Grandview Public Works staff will inform customers about available water saving devices and effects of utilizing such devices. Example water conservation devices include:

- Water saving shower heads
- Toilet Tank Bank
- Rain sensors
- Irrigation timers

WUE Measure Cost Estimate: No cost.

Estimated Water Savings: 1.4 million gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for bi-annual implementation starting in 2022.



City Webpage Additions – The City's current webpage includes a page devoted to the Public Works department, which includes a link to the City's *Water Quality Report* annual publication. The Report describes the quality of Grandview's drinking water, sources, and programs in place to protect water quality. The City plans to add a specific webpage devoted to the City's Water Use Efficiency Program. Information will include conservation tips.

WUE Measure Cost Estimate: \$1,500 for updating webpage.

Estimated Water Savings: 150,000 gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for implementation in 2024.

Advertising – During the 2022-2032 reporting period, the City of Grandview will publish water conservation advertisements in the local newspaper (the Grandview Herald). These advertisements will include tips and strategies for conserving water during high usage seasons, from April – November. The advertisements will be published at the beginning of each high usage season, typically April.

WUE Measure Cost Estimate: \$800 annually.

Estimated Water Savings: 150,000 gallons over 10-year reporting period.

WUE Measure Action Status: Scheduled for annual implementation beginning in 2023.

Consumer Consumption History – The monthly utility statements that the City sends out to its customers indicate monthly water consumption. Customers may request a more detailed breakdown of water consumption history, allowing customers to track and compare their usage. Citizens can be informed of their own water use trends. The City normally contacts a customer that has had a couple of months of higher-than-normal bills. The awareness can allow them to evaluate their individual water conservation needs and alert them of potential leaks. This measure is implemented across all user categories.

WUE Measure Cost Estimate: \$200 per category, annually.

- a. Single-Family Residential
- b. Outside Residential
- c. Multi-Family Residential
- d. Mobile Home Residential

Estimated Water Savings: Unknown but anticipated to continue reducing consumption through customer awareness.

WUE Measure Action Status: City to schedule implementation.

It should be noted that water savings attributable to public information activities are difficult to quantify because they are not directly linked to physically saving water. Although these measures cannot be specifically quantified, they are an integral part of the WUE Program, raising awareness of the importance of water conservation and increasing community participation in other conservation activities.

A summary of the estimated costs to implement the selected measures, their estimated water savings, and overall cost-effectiveness are provided in Table 4-4.



TABLE 4-4 SUMMARY OF DEMAND SIDE WUE MEASURES			
Measure Description	Implementation Cost	Year of Implementation	Estimated Water Savings, 10-year period, MG
Water Conservation School Career Days Outreach Program	\$1,500	Annually	0.15
Irrigation Run Time Reduction	\$800	2023	1.4
Customer Leak Detection	\$800	2023	0.80
DOH Publication Distribution	\$800	2024	0.80
Water Conservation Devices	None	Bi-Annually	1.4
Customer Consumption History – Single-Family Res.	\$200	Annually	9.0
Customer Consumption History – Outside Residential	\$200	Annually	0.30
Customer Consumption History – Multi-Family Residential	\$200	Annually	0.30
Customer Consumption History – Mobile Home Res.	\$200	Annually	1.0
City Webpage Additions	\$1,500	2024	0.15
Advertising	\$800	Annually	0.15

The above measures are planned to be implemented as shown in Table 4-6. The City will reevaluate the effectiveness of the measures during each program update to determine its potential for future implementation. Costs to implement these measures are included in the City's water operations budget.

Supply Side Measures

Supply side measures are essential to control distribution system leakage (DSL), improve supply efficiency, and overall system performance. The following are discussions of supply side WUE measures that have already or will be implemented within the next ten years to satisfy the City's WUE Program objective. The estimated cost of these measures and anticipated water savings are also provided.

Reservoir Cleaning and Inspection – The City periodically cleans and inspects its reservoirs for leaks and any other deficiencies. Corrosion causes unnecessary leakage directly contributing to distribution system losses (DSL). The City's reservoirs should be cleaned and inspected every five (5) years to identify any corrosion and potential DSL. The approximate cost of inspecting and cleaning each reservoir is generally \$12,000, assuming no significant repairs are necessary.

WUE Measure Cost Estimate: Approximately \$20,000 per reservoir.

Estimated Water Savings: Unknown.

WUE Measure Action Status: Annual budgeting and inspection schedule.





Source Meter Calibration – The City must calibrate and maintain source meters and large service meters (4-inch and larger) based on generally accepted industry standards and manufacturer information. Compliance will be maintained by the City by performing maintenance on the source and service meters every two (2) years as recommended by DOH. Actual water savings from meter calibration is unknown, but if the accuracy of all source meters is improved by 0.5%, the resulting water savings could be as much as 3,205,000 gallons, considering that approximately 641 million gallons were pumped into the system in 2020. It should be noted that the opposite of water savings could result, therefore, it is unknown if distribution system leakage (DSL) will be reduced or how much water could be saved through meter calibration.

WUE Measure Cost Estimate: \$2,000 annually for calibration of one source meter and half of the larger service meters.

Estimated Water Savings: Unknown, could potentially reduce DSL by 0.5%.

WUE Measure Action Status: City to schedule implementation.

Table 4-5 is a summary of supply side measures implemented by the City.

TABLE 4-5 SUMMARY OF SUPPLY SIDE WUE MEASURES			
Measure Description	Implementation Cost	Year of Implementation	Projected Water Savings, MG
Reservoir Cleaning and Inspection	\$20,000 per reservoir	City Option	Unknown
Source Meter Calibration	\$2,000 annually	City Option	3.21



4.1.5 WUE Measure Implementation

A summary of the WUE program measures that are planned for implementation is provided in Table 4-6, including measure description, implementation cost, and year of implementation. All the implemented measures support the system’s WUE goals to reduce distribution system leakage and single-family residential consumption.

TABLE 4-6 SUMMARY AND PROJECTED SAVINGS OF WATER USE EFFICIENCY MEASURES			
Measure Description	Implementation Cost	Year of Implementation	Projected Water Savings, MG
Water Conservation School Career Days Outreach Program	\$1,500	Annually	0.15
Irrigation Run Time Reduction	\$800	2023	1.4
Customer Leak Detection	\$800	2023	0.80
DOH Publication Distribution	\$800	2024	0.80
Water Conservation Devices	None	Bi-Annually	1.4
Customer Consumption History – Single-Family Res.	\$200	Annually	9.0
Customer Consumption History – Outside Residential	\$200	Annually	0.30
Customer Consumption History – Multi-Family Residential	\$200	Annually	0.30
Customer Consumption History – Mobile Home Res.	\$200	Annually	1.0
City Webpage Additions	\$1,500	2024	0.15
Advertising	\$800	Annually	0.15
Reservoir Cleaning and Inspection	\$20,000 per reservoir	City Option	Unknown
Source Meter Calibration	\$2,000 annually	City Option	3.21

The City plans to budget funds each year for the next ten-year period to fund the WUE measures listed above in Table 4-6. These budget amounts are reflected in the proposed City of Grandview financial plan in CHAPTER 9, as part of the general operational budget and/or O&M improvement costs.

4.1.6 Customer Education

Customer education is intended to inform citizens about the need for, and the methods to achieve water conservation. Customer education involves publicizing and promoting the need for water conservation to all classes of customers. Grandview currently publicizes water conservation information in its annual *Water Quality Report* to inform customers of the City’s conservation efforts. In the future, the City plans to provide additional conservation information to customers on their website, to further educate the public on the purpose of using water more efficiently.





Customer education programs that Grandview has considered for further evaluation include the following:

- **Program Promotion** – Program promotion can include public service announcements, news articles, information provided in the City's annual *Water Quality Report*, bill inserts, providing water use history as part of utility bills, and distribution of inexpensive, easily installed water-saving devices such as shower flow restrictors, toilet tank water displacement bags, and leak detection dye tablets. As previously discussed, Grandview intends to initiate program promotion in 2022 using its annual *Water Quality Report* and water bill notifications.
- **Speaker's Bureaus** – Speaker's bureaus involve identifying water conservation speaking opportunities appropriate to various civic, service, community, and other groups. Such speaking opportunities focus on increasing public awareness of water resource and conservation issues and may involve the use of audio and visual aids.
- **Theme Shows and Fairs** – This activity involves preparation of a portable display of water conservation devices and selected written materials for display at local area theme festivals and activities.
- **School Outreach** – School outreach involves preparation of educational programs for school children targeted to increase awareness of local water resources and encourage water conservation practices. These may include school presentations, preparation of curriculum material, and tours of water system facilities. As previously discussed, representatives of Grandview's Public Works Department will attend a Career Day at the local schools and teach children about the many ways to protect and conserve the City's water source.

Grandview has identified some of these customer education programs as evaluated WUE measures. Besides those identified, Grandview does not plan to further evaluate or implement any of the additional customer education programs listed above.

4.1.7 Water Use Efficiency Program Effectiveness

The Water Use Efficiency Rule requires the completion of annual performance reporting to system customers and to the DOH. The City will use preparation of the Annual WUE Performance Report as an opportunity to review the effectiveness of the WUE measures and determine if established goals require revision. The annual effectiveness evaluation and the Annual WUE Performance Report will include the following elements:

- Calculation of distribution system leakage in terms of volume and percent of total water production.
- Identification of WUE goals.
- Evaluation of established WUE goals, including estimating water savings achieved through implemented measures and progress towards satisfying goals.

Grandview will submit its Annual WUE Performance Report to DOH by July 1st of each year. Information contained in the Annual WUE Performance Report will also be included in the City's *Water Quality Report*, which will be published on the City's website. WUE Program effectiveness will also be evaluated every ten years when the Water System Plan is updated again. At this time both goals and measures will be reevaluated to determine the most cost-effective method to achieve the updated goals.



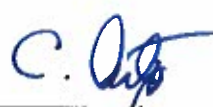


4.1.8 Water Use Efficiency Savings

To quantify the reduction in water supply requirements expected due to implementing WUE measures identified in Section 4.1.5, estimates of water use savings have been calculated. Provided in Table 4-7 is a summary of the water demand projections for years 2032 and 2042, with and without WUE measures implemented.

TABLE 4-7 DEMAND FORECAST WITH AND WITHOUT PROJECTED WUE SAVINGS						
Year	Total Annual Demand (MG/Year)		ADD (MGD)		MDD (MGD)	
	Without WUE	With WUE	Without WUE	With WUE	Without WUE	With WUE
2032	824.75	808.26	2.486	2.436	5.456	5.346
2042	893.92	876.04	2.667	2.613	5.856	5.738

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE	AGENDA NO.: New Business 4 (D)
Resolution approving Task Order No. 2022-05 with HLA Engineering and Land Surveying, Inc., for the Cemetery Improvements	AGENDA DATE: September 13, 2022
DEPARTMENT	FUNDING CERTIFICATION (City Treasurer) (If applicable)
Public Works Department	

DEPARTMENT DIRECTOR REVIEW	
Cus Arteaga, City Administrator/Public Works Director	
CITY ADMINISTRATOR	MAYOR
	

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)

The City is currently needing to expand the Cemetery in order to continue to provide options for new funeral services.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the city budget, personnel resources, and/or residents.

The City is averaging approximately 70 funeral services per year. Currently, there are approximately 270 vacant spaces available which will last approximately three (3) years before the City is completely sold out. It is important to start working on expanding the current Cemetery in the coming year. The expansion work would include the following:

- Surveying the existing Cemetery
- Complete some preliminary engineering (plan layout)
- Complete a rate survey
- Prepare a recommendation for Council consideration

Attached is Task Order No. 2022-05 with HLA Engineering and Land Surveying, Inc., to provide professional engineering services for the Cemetery Improvements. The estimated fees for service include the following: topographic survey \$4,000; preliminary engineering \$16,000; rate review \$5,000 and additional services on a time-spent basis at the hourly rates included in the General Agreement. Council appropriated \$30,000 in the 2022 budget for this work and the work will carry over into 2023.

ACTION PROPOSED

Move a resolution approving Task Order No. 2022-05 with HLA Engineering and Land Surveying, Inc., for the Cemetery Improvements to a regular Council meeting for consideration.

TASK ORDER NO. 2022-05

REGARDING GENERAL AGREEMENT BETWEEN CITY OF GRANDVIEW

AND

HLA ENGINEERING AND LAND SURVEYING, INC. (HLA)

PROJECT DESCRIPTION:

Cemetery Improvements

HLA Project No. 22161E

The City of Grandview (CITY) is nearing capacity within their existing platted cemetery and desires to identify options to increase capacity of the existing cemetery. The average rate of burial interment and plot sales per year is 70. The existing plot availability is currently 270, leaving the CITY with approximately three years of capacity.

Four areas have been identified within the existing cemetery which may provide years of cemetery capacity for the CITY. It is anticipated each area will require several feet of fill, possibly walls, and relocation of an access road. The CITY intends to have a topographic survey performed as the basis of identifying number of possible interments, and cost estimating of the improvements necessary for maximum interment capacity.

A rate study to review the existing and projected revenues and expenditures will be performed in relation to the estimated capital costs to expand the existing cemetery. A rate review of nearby cemeteries will be conducted to ensure any rate increase recommendations would result in competitive rates with neighboring cemeteries.

Cemetery platting and development of engineering documents if desired by the CITY, will be added by Addendum.

SCOPE OF SERVICES:

At the direction of the CITY, HLA will provide professional engineering and land surveying services for the Cemetery Improvements (Project). HLA scope of services shall include the following:

1.0 Topographic Survey

- 1.1 Conduct a topographic survey of four (4) areas identified for expansion See Exhibit 1.0.
- 1.2 Prepare site topographic survey in AutoCAD format showing field-located existing features, improvements, and utilities. It is not anticipated that utility tone mark locates will be required by a locating service.
- 1.3 It is anticipated work performed by CITY Staff to locate the groundwater table will coincide with the Topographic Survey. Survey will include field locating up to thirty (30) locations.

2.0 Preliminary Engineering

- 2.1 Using the topographic survey from Task 1.0, prepare a concept level interment layout plan for each surveyed area.
- 2.2 Prepare cost estimates of the capital improvements needed for interments in each surveyed area.
- 2.3 Meet with CITY Staff to review the number of potential interments and estimated costs.

- 2.4 Prepare a written recommendation for improvements detailing the cost for each phase of work.

3.0 Rate Review

- 3.1 Meet with the CITY to develop a thorough understanding of their budgeting process, rate strategies, and endowment funds.
- 3.2 Review historical fund performance, including both operating and reserve funds. Summarize fund performance by examining beginning and ending fund balances, and the net increase or decrease in the balance for each year.
- 3.3 Examine capital improvement needs as identified under Task 2.0, estimate future costs including inflation, determine methods of financing improvements, and estimate future debt service costs.
- 3.4 Develop a long-term financial plan spreadsheet and determine rate revenue needs.
- 3.5 Evaluate existing rates of neighboring cemeteries for comparison.
- 3.6 Meet with the CITY to discuss revenue needs and rate increases required to meet revenue demands using the existing rate structure.
- 3.7 Prepare a written summary of recommendations for revenue needs and rate increases.

4.0 Additional Services

- 4.1 Provide professional engineering services for additional work requested by the CITY that is not included in this Task Order.

5.0 Items to be Furnished and Responsibility of CITY

The CITY will provide or perform the following:

- 5.1 Provide full information as to CITY requirements of the Project.
- 5.2 Assist HLA by providing all available information pertinent to the Project, including previous reports, plans, program information, drawings, and any other data relative to the Project.
- 5.3 Examine all studies, reports, sketches, estimates, specifications, drawings, proposals, and other documents presented by HLA and provide written decisions within a reasonable time as not to delay the work of HLA.
- 5.4 Obtain approval of all governmental authorities with jurisdiction over the Project, and approvals and consents from other individuals or bodies as necessary for completion.
- 5.5 CITY to provide equipment and personnel necessary to locate the groundwater table.

TIME OF PERFORMANCE:

Following receipt of signed Task Order, HLA will diligently pursue completion of the Project as follows:

1.0 Topographic Survey

HLA will diligently pursue completion of the Project following receipt of signed Task Order and all required information from the CITY. Time of performance is dependent on CITY establishing test pit locations for ground water levels; however, all work is anticipated to be complete by October 14, 2022.

2.0 Preliminary Engineering

HLA will diligently pursue completion of the Project following receipt of signed Task Order and all required information from the CITY. Time of performance is dependent on the completion of Task 1.0 and all work is anticipated to be complete by November 18, 2022.

3.0 Rate Review

HLA will diligently pursue completion of the Project following receipt of signed Task Order and all required information from the CITY. Time of performance is dependent on the completion of Task 2.0 and all work is anticipated to be complete by December 2, 2022.

4.0 Additional Services

Time of completion for work directed by the CITY under additional services shall be negotiated and mutually agreed upon at the time service is requested by the CITY.

FEE FOR SERVICE:

For the services furnished by HLA as described under this work item, the CITY agrees to pay HLA the fees as set forth herein. The total project estimated fee is \$25,000, with anticipated phase efforts identified below. The actual fee per phase may vary within the total estimated fee of \$25,000. The total project fee may be revised only by written agreement of both parties.

1.0 Topographic Survey

All work shall be performed on a time-spent basis at the normal hourly billing rates included in our General Agreement, plus reimbursement for non-salary expenses, for the estimated total fee of \$4,000.00.

2.0 Preliminary Engineering

All work shall be performed on a time-spent basis at the normal hourly billing rates included in our General Agreement, plus reimbursement for non-salary expenses, for the estimated total fee of \$16,000.00.

3.0 Rate Review

All work shall be performed on a time-spent basis at the normal hourly billing rates included in our General Agreement, plus reimbursement for non-salary expenses, for the estimated total fee of \$5,000.00.

4.0 Additional Services

Additional work requested by the CITY not included in this Task Order shall be authorized by the CITY and agreed upon by HLA in writing prior to proceeding with services. HLA shall perform additional services as directed/authorized by the CITY on a time-spent basis at the hourly billing rates included in our General Agreement, plus reimbursement for direct non-salary expenses such as laboratory testing, printing expenses, vehicle mileage, out-of-town travel costs, and outside consultants.

Proposed: Michael T. Battle 8/30/2022
HLA Engineering and Land Surveying, Inc. Date
Michael T. Battle, PE, President

Approved: _____ Date _____
City of Grandview
Gloria Mendoza, Mayor



**GRANDVIEW CEMETERY
IMPROVEMENTS
EXHIBIT 1.0**

2803 River Road
Yakima, WA 98902
509.966.7000
Fax 509.965.3800
www.hiacivil.com



8/29/22

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE: Resolution approving the final plat of Pappy's Landing – Phase 1 located on Forsell Road	AGENDA NO. New Business 4 (E) AGENDA DATE: September 13, 2022
DEPARTMENT Public Works Department	FUNDING CERTIFICATION (City Treasurer) (If applicable)

DEPARTMENT DIRECTOR REVIEW

Cus Arteaga, City Administrator/Public Works Director 

CITY ADMINISTRATOR  **MAYOR** 

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)

At the October 26, 2021 meeting, Council adopted Resolution No. 2021-43 approving the Pappy's Landing 111-lot residential preliminary plat.

Following approval of the preliminary plat, the developer proceeded with the public infrastructure improvements for Pappy's Landing subject to the conditions as outlined in the Hearing Examiner's report and per Grandview Municipal Code Section 16.24 Design Standards and Section 16.28 Improvements.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

The public infrastructure improvements for Pappy's Landing – Phase 1 consisting of 53 lots has been completed in accordance with the City's standards with the following exceptions that will be bonded due to parts being unavailable at this time:

- Lift Station Control Panel, fencing and gravel surfacing
- Forsell Road frontage improvements, including curb, storm drainage and streetlights

The contractor is providing a bond to guarantee the completion of the above-mentioned improvements as part of this approval process.

The final plat map for Phase 1 is attached for review.

ACTION PROPOSED

Move a resolution approving the final plat of Pappy's Landing – Phase 1 located on Forsell Road to a regular Council meeting for consideration.

September 6, 2022

City of Grandview
207 W. Second Street
Grandview, WA 98930

Attn: Cus Arteaga
City Administrator/Public Works Director City of Grandview

Re: Pappy's Landing
Letter of Completion
HLA Project No. 21090

Dear Mr. Arteaga:

Please be advised that HLA Engineering and Land Surveying, Inc. (HLA), has performed construction inspection on the above referenced project. Construction improvements for Pappy's Landing - Phase 1 preliminary plat is substantially complete, and HLA recommends acceptance of the final plat. Construction of the public infrastructure has been completed in accordance with the approved plans and specifications with the following exceptions that will be bonded for:

- Lift Station Control Panel, fencing, and gravel surfacing.
- Forsell Road frontage improvements, including curb, storm drainage, and streetlights.

Please note, all outstanding City of Grandview fees including Pacific Power fees incurred by the development must be paid prior to final acceptance of the plat.

Compaction tests for the project were performed by Baer Testing, Inc., and witnessed by HLA. Water and sewer pressure testing were performed by HLA in accordance with the approved plans and specifications.

Thank you for your consideration of this project. If you have any questions, or need additional information during your review, please contact me.

Very truly yours,



Michael R. Heit, PE


MRH/sms

**Pappy's Landing Plat
Sunnyside, Washington
Plat Improvements Bond Estimate**



HLA
Engineering and Land Surveying, Inc.

Civil Cost Estimate - September 1, 2022
HLA Project No. 21090

ITEM NO.	ITEM	UNIT	APPROX. QUANTITY	UNIT PRICE DOLLARS	OVERALL COST
SITE & ROAD PREPARATION					
1	Mobilization (5%)	LS	1	\$3,000.00	\$3,000.00
2	Maintenance & Protection of Traffic	LS	1	\$1,000.00	\$1,000.00
3	HMA CL. 1/2" PG 64-28	TON	50	\$90.00	\$4,500.00
4	Crushed Surfacing Top Course	TON	22	\$26.00	\$572.00
5	Crushed Surfacing Base Course	TON	100	\$24.00	\$2,400.00
6	Cement Concrete Curb & Gutter	LF	500	\$16.00	\$8,000.00
7	Cement Concrete Curb Ramp	EA	2	\$500.00	\$1,000.00
STORM DRAIN SYSTEM					
8	Catch Basin Type 1 / 1L	EA	1	\$1,800.00	\$1,800.00
9	Catch Basin Type 2	EA	1	\$3,000.00	\$3,000.00
10	PVC Drain Pipe, 12" Dia.	LF	10	\$40.00	\$400.00
11	Underground Infiltration Trenches	LF	20	\$100.00	\$2,000.00
ELECTRICAL,					
12	(2) Schedule 40 PVC Electrical Conduit, 2" Dia. (Lights)	LF	350	\$10.00	\$3,500.00
13	Junction Box	EA	2	\$350.00	\$700.00
14	Illumination Bases	EA	2	\$500.00	\$1,000.00
Lift Station					
15	Crushed Surfacing Base Course	TON	50	\$24.00	\$1,200.00
16	Chain Link Swing Gate	EA	1	\$2,000.00	\$2,000.00
17	Chain Link Fence	LF	140	\$50.00	\$7,000.00
18	Electrical Control Systems	EA	1	\$20,000.00	\$20,000.00
Subtotal					\$63,072.00
Total					\$63,072.00
Estimate prepared by:					
 Digitally signed by 20c3a2a1-855c-4e5e-905d-348a e9f14e99 Date: 2022.09.06 17:04:36 -07'00'				Bond Amount (15%)	\$9,500.00
Michael R. Heit, PE		Date			
HLA Engineering and Land Surveying, Inc.				PROJECT BOND TOTAL	
					\$72,572.00

RESOLUTION NO. 2022-____

**A RESOLUTION OF THE CITY OF GRANDVIEW, WASHINGTON,
APPROVING THE FINAL PLAT OF PAPPY'S LANDING – PHASE 1
LOCATED ON FORSELL ROAD**

WHEREAS, the developer, TAC Land, LLC, applied for preliminary plat approval for a 111-lot residential subdivision designated as Pappy's Landing; and,

WHEREAS, on October 26, 2021, Council adopted Resolution No. 2021-43 approving the Pappy's Landing Subdivision 111-lot preliminary plat subject to conditions outlined in the Hearing Examiner's report and per Grandview Municipal Code Section 16.24 Design Standards and Section 16.28 Improvements; and,

WHEREAS, the developer has completed the construction of the public infrastructure in accordance with the approved plans and specifications with the following exceptions that will be bonded for:

- Lift Station Control Panel, fencing, and gravel surfacing
- Forsell Road frontage improvements, including curb, storm drainage, and streetlights

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF GRANDVIEW, as follows:

Section 1. The final plat known as Pappy's Landing – Phase 1 is approved.

Section 2. The Mayor is hereby authorized to sign the final plat, a copy of which is attached hereto and incorporated herein by reference.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on September 13, 2022.

MAYOR

ATTEST:

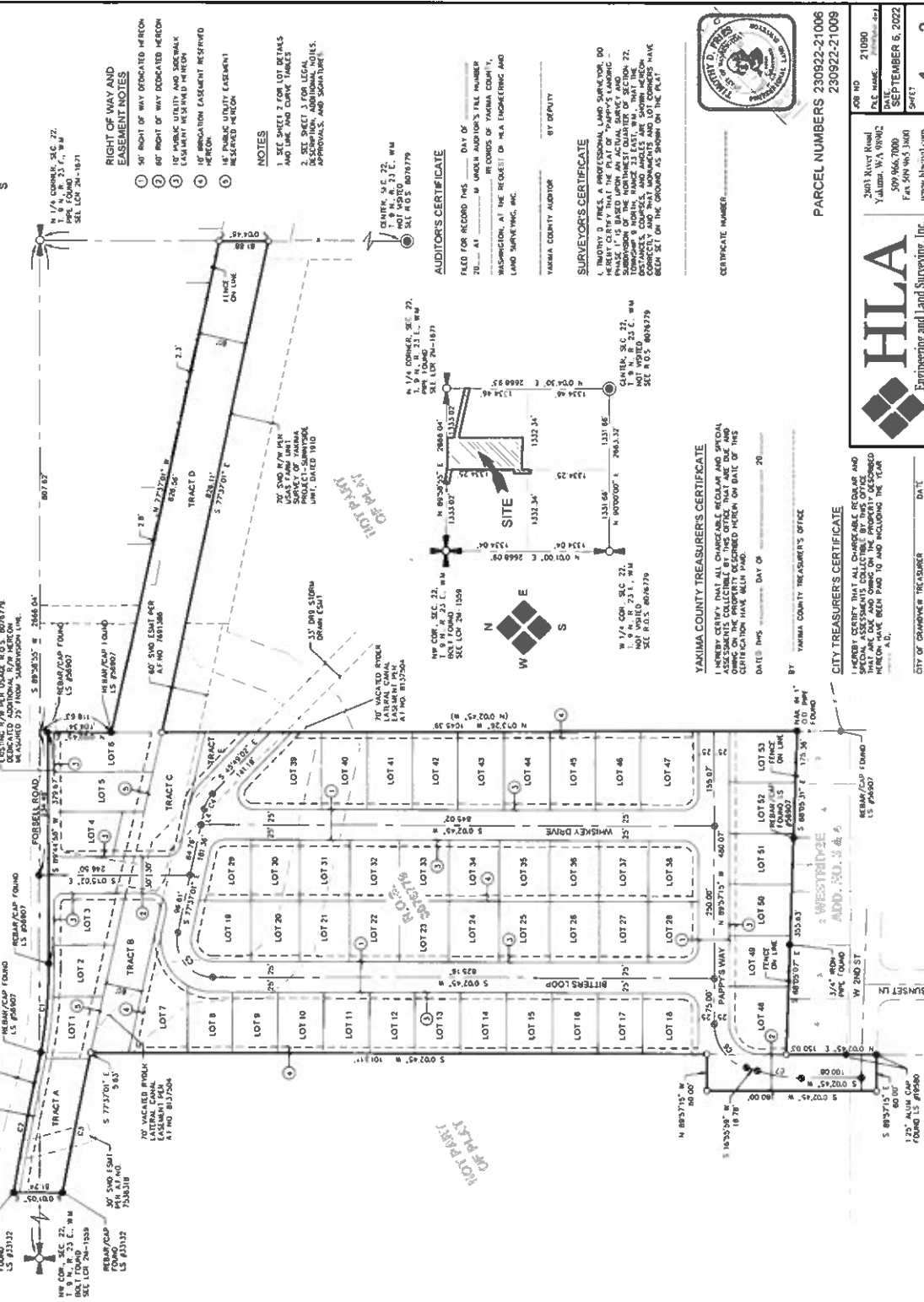
CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY

PLAT OF "PAPPY'S LANDING - PHASE 1"

(A PORTION OF THE NORTHWEST 1/4, SECTION 22, TOWNSHIP 9 NORTH, RANGE 23 EAST, W.M.)



RIGHT OF WAY AND EASEMENT NOTES

- 50' RIGHT OF WAY DEDICATED HEREON
- 60' RIGHT OF WAY DEDICATED HEREON
- 10' PUBLIC UTILITY AND EASEMENT RESERVED HEREON
- 10' EASEMENT RESERVED HEREON
- 15' PUBLIC UTILITY EASEMENT RESERVED HEREON

NOTES

- SEE SHEET 2 FOR LOT DETAILS AND LINE AND CURVE TABLES
- SEE SHEET 3 FOR LEGAL DESCRIPTION, ADJACENT MOILS, APPROVALS, AND SIGNATURES

AUDITOR'S CERTIFICATE

FILED FOR RECORD THIS _____ DAY OF _____

AT _____ M UNDER AUDITOR'S FILE NUMBER _____

IN RECORDS OF YAKIMA COUNTY, WASHINGTON, AT THE REQUEST OF H.L.A. ENGINEERING AND LAND SURVEYING, INC.

YAKIMA COUNTY AUDITOR _____ BY DEPUTY _____

SURVEYOR'S CERTIFICATE

I, HENRY D. FRIES, A PROFESSIONAL LAND SURVEYOR, DO HEREBY CERTIFY THAT THE ABOVE IS A TRUE AND CORRECT REPRESENTATION OF THE SURVEY AS SHOWN ON THESE PLATS, AND THAT THE SAME IS IN ACCORDANCE WITH THE SUBDIVISION OF THE NORTHWEST QUARTER OF SECTION 22, TOWNSHIP 9 NORTH, RANGE 23 EAST, W.M., AND THE DISTANCES, COURSES, AND ANGLES ARE SHOWN HEREON CORRECTLY AND ACCORDING TO THE INSTRUMENTS AND LOT COMBOS HAVE BEEN SET ON THE GROUND AS SHOWN ON THE PLAT.

YAKIMA COUNTY TREASURER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL CHANGABLE RECORDS AND SPECIAL RECORDS HAVE BEEN PAID TO AND INCLUDING THE YEAR _____

DATED THIS _____ DAY OF _____ 20 _____

BY _____ YAKIMA COUNTY TREASURER'S OFFICE

CITY TREASURER'S CERTIFICATE

I HEREBY CERTIFY THAT ALL CHANGABLE RECORDS AND SPECIAL RECORDS HAVE BEEN PAID TO AND INCLUDING THE YEAR _____

DATED THIS _____ DAY OF _____ 20 _____

CITY OF CHAMBERLAIN TREASURER _____ DATE _____

HLA
Engineering and Land Surveying, Inc.

3001 River Road
Yakima, WA 98902
509-966-7000
Fax 509-965-1000
www.hlaenvt.com

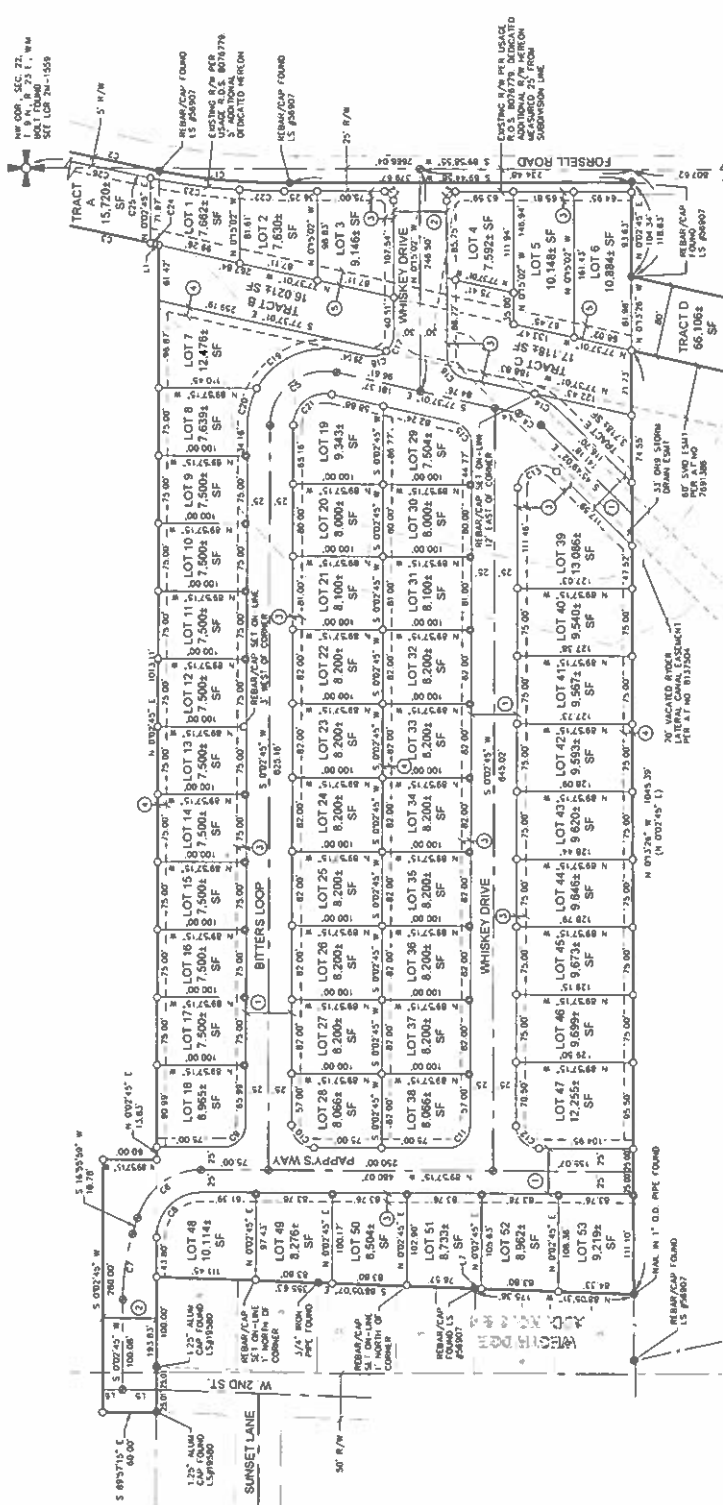
DATE: SEPTEMBER 6, 2022
SHEET: 1 of 3

JOB NO. 21090
FILE NAME: 230922-21009

PARCEL NUMBERS 230922-21006
230922-21009

PLAT OF "PAPPY'S LANDING - PHASE 1"

(A PORTION OF THE NORTHWEST 1/4, SECTION 22,
TOWNSHIP 9 NORTH, RANGE 23 EAST, W.M.)



RIGHT OF WAY AND EASEMENT NOTES

- 1 50' RIGHT OF WAY DEDICATED HEREON
- 2 80' RIGHT OF WAY DEDICATED HEREON
- 3 10' PUBLIC UTILITY EASEMENT RESERVED HEREON
- 4 10' EASEMENT EASEMENT RESERVED HEREON
- 5 10' PUBLIC UTILITY EASEMENT RESERVED HEREON


CURVE TABLE

CURVE	DELTA	RADIUS	LENGTH	CHORD DIRECTION	CHORD LENGTH
C1	10.3027°	799.27	148.49	S 84°28'48" E	148.28
C2	2.1820°	5768.70	244.69	N 78°15'00" W	234.87
C3	2.1820°	2668.70	278.09	S 78°45'45" E	278.07
C4	21.4729°	250.00	27.75	N 81°45'01" W	27.40
C5	102.7014°	40.00	103.12	S 51°42'52" W	33.48
C6	73.9048°	75.00	90.70	N 45°29'21" W	99.24
C7	18.3114°	250.00	73.66	S 08°29'27" E	73.42
C8	80.0000°	50.00	78.54	N 45°02'45" E	70.71
C9	80.0000°	25.00	38.27	N 45°02'45" E	35.58
C10	80.0000°	25.00	38.27	S 44°29'15" E	35.34
C11	80.0000°	25.00	38.27	N 45°02'45" E	35.36
C12	80.0000°	25.00	38.27	S 44°29'15" E	35.36
C13	141.0813°	25.00	38.21	S 87°08'32" W	46.00

LINE TABLE

LINE	BEARING	LENGTH
L1	S 77°27'01" E	3.63
L2	S 45°08'03" E	14.17
L3	N 44°51'07" E	14.11
L4	S 77°27'01" E	28.80
L5	S 89°29'15" W	28.00
L6	S 89°29'15" W	22.00
L7	N 89°03'31" W	7.25

PARCEL NUMBERS 230922-21006
230922-21009



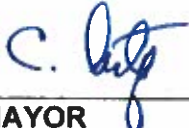

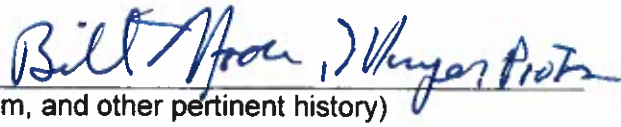
HLA
Engineering and Land Surveying, Inc.

JOB NO 21000
FILE NAME 230922-21006.dwg
DATE SEPTEMBER 6, 2022
SHEET 2 OF 3

3101 River Road
Yakima, WA 98902
509.666.7000
FAX 509.666.3000
www.hlaenv.com

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE Wine Country Road and McCreadie Road Roundabout Utility Extension	AGENDA NO.: New Business 4 (F) AGENDA DATE: September 13, 2022
DEPARTMENT Public Works Department	FUNDING CERTIFICATION (City Treasurer) (If applicable)

DEPARTMENT DIRECTOR REVIEW	
Cus Arteaga, City Administrator/Public Works Director	
CITY ADMINISTRATOR	MAYOR
	

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)

In 2021, the City was awarded a grant from the Washington State Transportation Improvement Board for the construction of a new roundabout at the Exit 75/McCreadie Road and Wine Country Road intersection. The construction was scheduled for spring of 2023.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the city budget, personnel resources, and/or residents.

The roundabout project would include asphalt and concrete as part of the improvements. Council should consider extending water and sewer to the north of Wine Country Road as part of this project. Extending these utilities would preserve the roundabout investment in the future. This is a busy intersection and detouring traffic would be a real challenge and the cost would also double if we wait to extend the utilities at a later date. In addition, it would also help open up approximately 31-acres of commercial property on the east side of town next to Exit 75. The estimated cost to extend these utilities was approximately \$335,000 for both water and sewer.

The funds for these improvements could be supported by either using ARPA funding and/or using water/sewer funding. The City Engineer was working on the design of the project. A decision would need to be made in order to complete the design phase of this project and preparation of bid documents.

ACTION PROPOSED

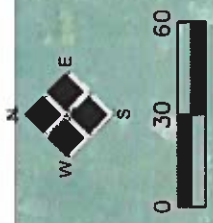
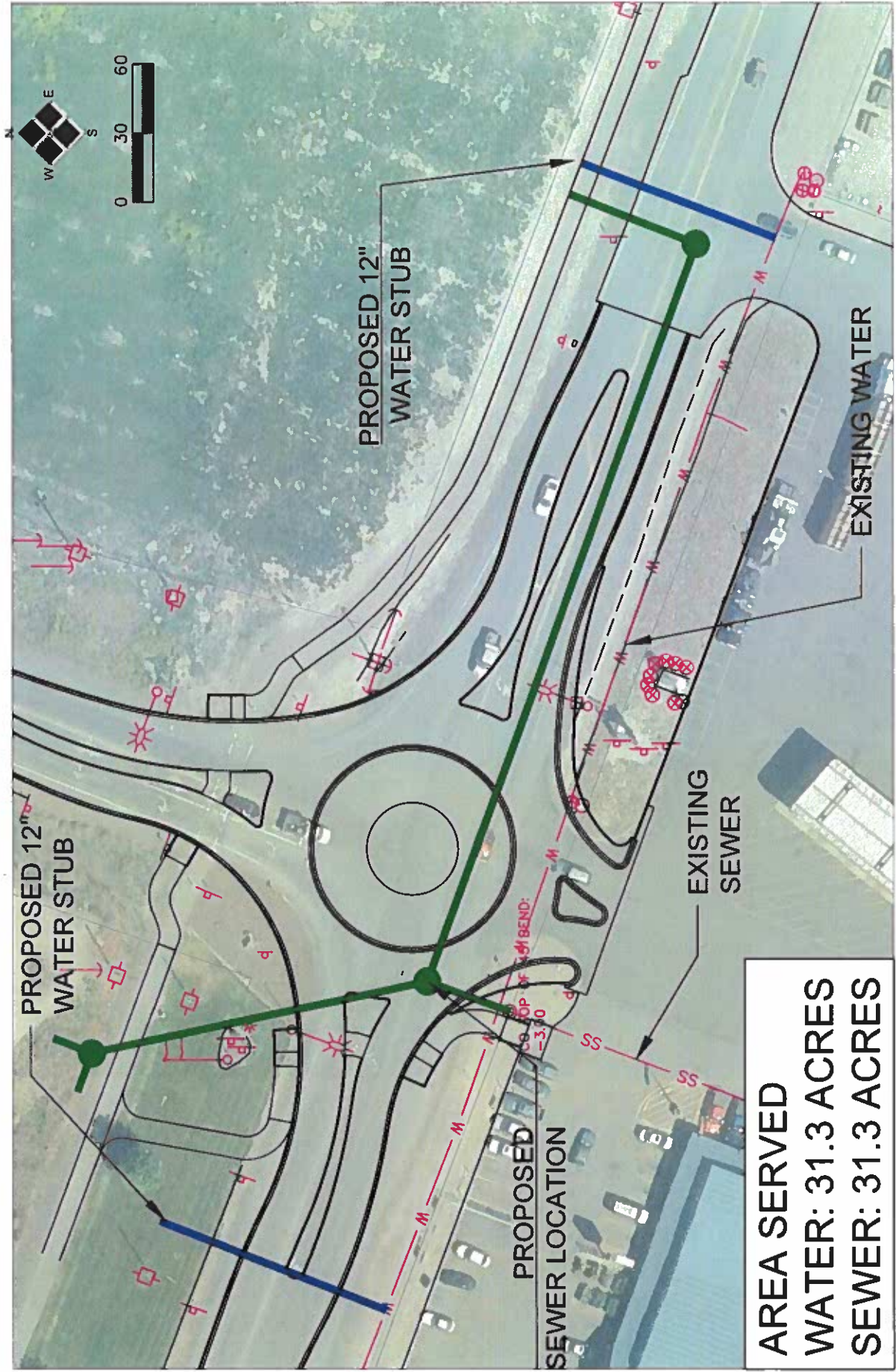
Recommend Council approve the extension of water and sewer utilities to the north of Wine Country Road as part of the roundabout project. Further recommend Council consider using ARPA funding for the utility extensions.

CITY OF GRANDVIEW
WCR AND MCCREADIE UTILITY EXTENSIONS - Option 5
Engineer's Opinion of Construction Cost

7/15/2022
 PRELIMINARY

HLA Project No. 21250

Item No.	Description	Payment Specification	Unit	Unit Cost	Overall Quantity	Overall Cost
Schedule A: Sewer Improvements						
1	Minor Change	1-04.4(1)	FA	\$5,000.00	1	\$5,000.00
2	Mobilization	1-09.7	LS	\$13,000.00	1	\$13,000.00
3	Project Temporary Traffic Control	1-10.5	LS	\$30,000.00	1	\$30,000.00
4	HMA Cl. 1/2-Inch PG 64H-28	5-04.5	TON	\$160.00	10	\$1,600.00
5	Manhole 48 In. Diam Type 1	7-05.5	EA	\$5,000.00	3	\$15,000.00
6	Shoring or Extra Excavation	7-08.5	LF	\$2.00	615	\$1,230.00
7	Select Backfill, as Directed	7-08.5	CY	\$50.00	505	\$25,250.00
8	PVC Sanitary Sewer Pipe 12 In. Diam	7-17.5	LF	\$105.00	615	\$64,575.00
Schedule A Subtotal						\$155,655.00
Sales Tax 7.9%						\$12,296.75
Contingency 15%						\$25,200.00
Sch. A Total Estimated Construction Cost						\$193,151.75
Design Engineering 15%						\$28,970.00
Construction Engineering 15%						\$28,970.00
Sch. A Total Estimated Project Cost						\$251,091.75
Schedule B: Water Improvements						
1	Minor Change	1-04.4(1)	FA	\$5,000.00	1	\$5,000.00
2	Mobilization	1-09.7	LS	\$4,000.00	1	\$4,000.00
3	Project Temporary Traffic Control	1-10.5	LS	\$8,000.00	1	\$8,000.00
4	HMA Cl. 1/2-Inch PG 64H-28	5-04.5	TON	\$160.00	10	\$1,600.00
5	Shoring or Extra Excavation	7-08.5	LF	\$2.00	190	\$380.00
6	Select Backfill, as Directed	7-08.5	CY	\$50.00	105	\$5,250.00
7	PVC Pipe for Water Main 12 In. Diam.	7-09.5	LF	\$120.00	190	\$22,800.00
8	Butterfly Valve 12 In.	7-12.5	EA	\$2,500.00	2	\$5,000.00
Schedule B Subtotal						\$52,030.00
Sales Tax 7.9%						\$4,110.37
Contingency 15%						\$8,400.00
Sch. B Total Estimated Construction Cost						\$64,540.37
Design Engineering 15%						\$9,680.00
Construction Engineering 15%						\$9,680.00
Sch. B Total Estimated Project Cost						\$83,900.37
Total Utility Extension Project Costs						
Schedule A & B Subtotal						\$207,685.00
Sales Tax 7.9%						\$16,407.12
Contingency 15%						\$33,600.00
Sch. A & B Total Estimated Construction Cost						\$257,692.12
Design Engineering 15%						\$38,650.00
Construction Engineering 15%						\$38,650.00
Sch. A & B Total Estimated Project Cost						\$334,992.12



AREA SERVED
WATER: 31.3 ACRES
SEWER: 31.3 ACRES

CITY OF GRANDVIEW
 WINE COUNTRY ROAD AND MCCREADIE
 ROAD UTILITY EXTENSION
 OPTION 5

2803 River Road
 Yakima, WA 98902
 509.966.7000
 Fax 509.965.3800
 www.hilacivil.com



7/15/22

P:\PROJECTS\2021\21250\PROPOSED UTILITY EXTENSION.DWG

**CITY OF GRANDVIEW
AGENDA ITEM HISTORY/COMMENTARY
COMMITTEE-OF-THE-WHOLE MEETING**

ITEM TITLE	AGENDA NO.: New Business 4 (G)
Resolution accepting the Sanitary Sewer Trunk Main Replacement – Phase 1 as complete	AGENDA DATE: September 13, 2022
DEPARTMENT	FUNDING CERTIFICATION (City Treasurer) (If applicable)
Public Works Department	N/A

DEPARTMENT DIRECTOR REVIEW

Cus Arteaga, City Administrator/Public Works Director 

CITY ADMINISTRATOR  **MAYOR** 

ITEM HISTORY (Previous council reviews, action related to this item, and other pertinent history)

Approximately three years ago, the City entered into a construction agreement with C & R Tractor and Landscaping, Inc., for the replacement of the 21-inch sanitary sewer trunk main that carries all of the City's sewer water south to the Wastewater Treatment Plant.

ITEM COMMENTARY (Background, discussion, key points, recommendations, etc.) Please identify any or all impacts this proposed action would have on the City budget, personnel resources, and/or residents.

C & R Tractor and Landscaping, Inc., has completed the construction of the Sanitary Sewer Trunk Main Replacement – Phase 1 and it is in full operation. There is some minor landscaping, yard restoration and fencing to complete which is underway and will be completed during the month of September. Staff recommends Council accept the project as complete once the requirements in the August 24, 2022 letter from HLA Engineering and Land Surveying, Inc., have been satisfied.

ACTION PROPOSED

Move a resolution accepting the Sanitary Sewer Trunk Main Replacement – Phase 1 as complete to a regular Council meeting agenda for consideration.



August 24, 2022

City of Grandview
207 West Second Street
Grandview, WA 98930

Attn: Cus Arteaga, City Administrator/Public Works Director

Re: City of Grandview
Sanitary Sewer Trunk Main Replacement
CDBG Project No.: 18-62210-024
Ecology Project No.: WQC-2019-GRANDVIEW-00092
HLA Project No.: 17165C
Recommendation of Project Acceptance

Dear Cus:

This letter serves as our recommendation for acceptance of this project by the City of Grandview. We have reviewed the work performed by C & R Tractor and Landscaping, Inc. on this project and believe it has been completed satisfactorily. Please provide us a copy of the Council resolution authorizing project acceptance.

Once the project has been accepted as complete by the City of Grandview and we have received the resolution, the required "Notice of Completion of Public Works Contract" will be completed and filed with the Department of Revenue, Department of Labor and Industries, and the Employment Security Department through our access to your L&I Portal. If the City would prefer to submit the Notice of Completion themselves, please let us know.

The retainage bond on this project should be released to C & R Tractor and Landscaping, Inc. after acceptance of the project and when the following conditions have been satisfied:

1. There are no liens or claims for labor and materials furnished on this project filed against the retainage.
2. The City has received Notice of Completion clearance from the Department of Revenue, Department of Labor and Industries and the Employment Security Department relative to this contract. Please provide a copy of each to our office.

Enclosed please find the "Final Contract Voucher Certification" from the Contractor which states that all labor and materials furnished on this project have been paid for. Please use this, [17165C - Labor Documentation \(Closeout\)](#), OneDrive Link to view and download the following labor documents for your records:

1. The Statement of Intent to pay prevailing wages approved by the State Department of Labor and Industries for all contractors.
2. The certified payroll(s) of the Contractor and Subcontractors.


City of Grandview
Aug. 1, 2022
Page 2

3. The Affidavits of Wages Paid completed by the Contractor and Subcontractors and approved by the State Department of Labor and Industries.
4. Verification that the Contractor and Subcontractors are current in payment of all industrial insurance premiums.

We would appreciate receiving a copy of your Council Resolution authorizing release of the retainage bond.

Please contact this office if you have questions or if we may furnish additional information.

Very truly yours,

 Digitally signed by
Terry Alapeteri
Date: 2022.08.24
09:36:23 -07'00'

Terry D. Alapeteri, PE

TDA/egs

Enclosures

Copy: Casey Heaton, C & R Tractor and Landscaping, Inc.
Angela Ringer, HLA



Final Contract
Voucher Certification
City of Grandview

PROJECT NAME: Sanitary Sewer Trunk Main Replacement

PROJECT NO.: 17165C

DOE PROJECT NO.: WQC-2019-GRANDVIEW-00092

CDBG PROJECT NO.: 18-62210-024

Date Work Physically Completed: September 24, 2021

Final Contract Amount: \$3,034,436.62

All work on the above referenced project has been completed in accordance with the contract documents and the final inspection has been completed, including all required project documentation.

I, the undersigned, certify and declare, under penalty of perjury under the laws of the State of Washington, that the foregoing is true and correct: I am authorized to sign for the claimant; that in connection with the work performed and, to the best of my knowledge, no loan, gratuity or gift in any form whatsoever has been extended to any employee of the City of Grandview; nor have I rented or purchased any equipment or materials from any employee of the City of Grandview; that the attached final estimate is a true and correct statement showing all the monies due the claimant from the City of Grandview for work performed and material furnished under this Contract; that I have carefully examined said final estimate and understand the same and; that I, on behalf of the claimant, hereby release and forever discharge the City of Grandview from any and all claims of whatsoever nature which I or the claimant may have, arising out of the performance of said Contract, which are not set forth in said final estimate.

The undersigned, C&R Tractor and Landscaping, Inc., also hereby certifies that all subcontractors, suppliers, and employees have been paid in accordance with the Contract Documents and all applicable laws, except for Retainage, if any, remaining to be paid.

Contractor: C&R Tractor and Landscaping, Inc

Address: 3829 Pleasant Hill Road
Kelso, WA 98626

Authorized Official: _____

Contractor Signature

Date: 04-06-2022

Print Name: _____

CASEY HEATON

Title: _____

PRESIDENT

RESOLUTION NO. 2022-_____

**A RESOLUTION OF THE CITY OF GRANDVIEW, WASHINGTON,
ACCEPTING THE SANITARY SEWER TRUNK MAIN REPLACEMENT – PHASE 1
AS COMPLETE**

WHEREAS, the City contracted with C & R Tractor and Landscaping, Inc., to perform work for the Sanitary Sewer Trunk Main Replacement – Phase 1; and,

WHEREAS, the City's Public Works Director has determined that the work performed by C & R Tractor and Landscaping, Inc., on this project is complete and ready for final acceptance by the City Council,

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

The City of Grandview accepts the Sanitary Sewer Trunk Main Replacement – Phase 1 as complete and authorizes staff to release the retainage bond, once the conditions in the August 24, 2022 letter from HLA Engineering and Land Surveying, Inc., have been satisfied.

PASSED by the **CITY COUNCIL** and **APPROVED** by the **MAYOR** at its regular meeting on _____, 2022.

MAYOR

ATTEST:

CITY CLERK

APPROVED AS TO FORM:

CITY ATTORNEY