

**UMATILLA CITY COUNCIL MEETING
AGENDA
COUNCIL CHAMBERS 700 6TH STREET, UMATILLA, OR 97882
SEPTEMBER 1, 2020
7:00 PM**

1. **MEETING CALLED TO ORDER**

2. **ROLL CALL**

3. **PLEDGE OF ALLEGIANCE**

4. **APPROVAL OF AGENDA**

5. **CITY MANAGER'S REPORT**

- 5.1 [Public Works Quarterly Report](#) *Suggested Action: Public Works Director will report. Here is the link to the online version, which includes a video of the IWW pipeline route and outfall structure.*
- 5.2 [Community Development Quarterly Report](#) *Suggested Action: Suggestion Action: Discussion.*

Included in the packet is a PDF version of the Community Development 4th Quarter Report. Please use the link below to visit the online interactive version of the report.

[Community Development 4th Quarter Report FY19-20](#)

6. **PUBLIC COMMENT** Public Comment is an opportunity for citizens to express opinions, raise issues, and provide information to the City Council. Comments presented during this segment should be on city-related issues and not on items that are scheduled for a Public Hearing on the same evening's agenda. If you wish to speak, please provide the requested information on the Sign-Up Sheet, being sure to note the topic on which you will speak. When called to the podium, begin by stating your name and address. You will have five minutes to speak, unless otherwise instructed.

7. **CONSENT AGENDA**

- 7.1 Paid Invoices *Suggested Action: Motion to approve.*
- 7.2 [RESOLUTION NO. 10-2021 - A resolution authorizing the city manager to sign an intergovernmental agreement between the City of Umatilla and the Department of Land Conservation and Development to update the Umatilla County natural hazards mitigation plan.](#) *Suggested Action: Staff recommends approval of Resolution No. 10-2021*

8. **PUBLIC HEARING**

- 8.1 [SDC Public Hearing](#) *Suggested Action: No Action Needed*

9. **NEW BUSINESS**

- 9.1 **Lind Rd and Union St Improvement Project - Bid Evaluation and Notice of Award**
Suggested Action: Approval of Notice to Award to Granite Construction Company

10. **PUBLIC COMMENT**

11. **DISCUSSION ITEMS**

- 11.1 **Power City/Brownell Water and Sewer Technical Memorandums** *Suggested Action: Discussion only*
- 11.2 **Urban Growth Boundary Expansion and Rezone Update** *Suggested Action: Discussion only. The applicant, Cleaver Land, LLC, is working with the City of Umatilla to achieve approval of three applications – an Urban Growth Boundary (UGB) expansion, an Annexation, and a Zone Change – with the desired outcome to have approximately 450 acres of available land planned and zoned for industrial use. The UGB expansion will add about 150 acres to the UGB; the Annexation will add those same acres within the City Limits; and the Zone Change will rezone 294 acres from Single Family Residential to Light Industrial.*

12. **MAYOR'S MESSAGE**

13. **COUNCIL INFORMATION & DISCUSSION**

14. **EXECUTIVE SESSION**

- 14.1 **Potential Litigation - ORS 192.660(2)(h)** Authorizes council to consult with its counsel regarding current litigation or litigation likely to be filed. Media members must be excluded if the member is a party to the litigation. *Suggested Action: Discussion*
- 14.2 **Potential Real Estate Transaction - ORS 192.660(2)(e)** Authorizes council to deliberate with persons designated by council to negotiate real property transactions, including long-term leases. Does not authorize discussion of general leasing policies. *Suggested Action: Discussion only*

15. **RECONVENE**

16. **ADJOURN** This institution is an equal opportunity provider. Discrimination is prohibited by Federal law. Special accommodations to attend or participate in a city meeting or other function can be provided by contacting City Hall at (541) 922-3226 or use the TTY Relay Service at 1-800-735-2900 for appropriate assistance.

This institution is an equal opportunity provider. Discrimination is prohibited by Federal law. Special accommodations to attend or participate in a city meeting or other function can be provided by contacting City Hall at (541) 922-3226 or use the TTY Relay Service at 1-800-735-2900 for appropriate assistance.

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Public Works Quarterly Report	Meeting Date: 2020-09-01
---	------------------------------------

Department: Public Works	Director: Scott Coleman	Contact Person: Scott Coleman	Phone Number: 541-922-3226
------------------------------------	-----------------------------------	---	--------------------------------------

Cost of Proposal: NA	Fund(s) Name and Number(s): N/A
Amount Budgeted: NA	

Reviewed by Finance Department: No	Previously Presented: NA
--	------------------------------------

Attachments to Agenda Packet Item:

[Public Works 4th Quarter Report.pdf](#)

Summary Statement: Public Works Director will report. Here is the link to the online version , which includes a video of the IWW pipeline route and outfall structure.

Consistent with Council Goals: Goal 3: Enhance and Cultivate Relationships and Partnerships.
--

CITY OF UMATILLA

PUBLIC WORKS DEPARTMENT QUARTERLY REPORT

Fourth Quarter, Fiscal Year 2019-2020
Quarter Ended June 30, 2020

Public Works has had a very busy and productive fourth quarter in 2020. We all know the challenges that have been in our everyday life and there are no exceptions in the Public Works Department. We have been trying to social distance as much as possible. That can be very challenging in jobs that are essential to the citizens of Umatilla. People need potable water for drinking. WWTP needs to be operational for toilets' to flush. The streets need to be clear and safe for travel and the parks need to be available when they open.

The 6th street project continues to evolve and there is light at the end of the tunnel. Grinding of the street is scheduled for middle of September along with paving. Curb gutter and sidewalk should be completed by then. The street lights and finishing touches will also be going in. Please continue to have patience it will be a distant memory next year.

As you are aware there is a lot of building going in near the South Hill side of town, with that being said foot and vehicle traffic has increased in the area. The developers are pouring sidewalks and installing lighting for pedestrian traffic. With the help of the Police Department we have reduced the speed limit in sections of Powerline Rd. and is posted 35 MPH from Hwy 730 to Radar Rd.

It takes more than just the Public Works staff to accomplish these projects. The staff in Community Development such as Esmeralda who applies for our grants, The Finance Department Melissa, and Carrie who makes sure we have the funds available and keep me from spending too much money.

In closing Public Works is working on a lot of additional projects that I will be sharing with you in the future. We are always looking to provide to the highest level of service to our community, if you have any comments, concerns, or complaints I am always available.

Sincerely,

Scott Coleman
Public Works Director



Drone Footage of IWW Pipeline (Scott Coleman will Narrate)

Water Department Updates

The Water Dept. has been very busy this summer. As you know the weather has been extremely warm and has put together some really hot weeks in a row. We had a wind and electrical storm at the end of May that did about \$100,000.00 in damage to equipment at the well sights and other entities within the city. Most of that will be covered under insurance but it was still costly and made for some long nights. The crew put in some overtime by staying up at night and running pumps by hand and monitoring the towers to make sure that the city would continue to have services. If you have not heard about that its a good thing it means we stayed on top of it. Potable water usage has peaked at about 2.5 million gallons per day. That means our pumps and infrastructure are working about 20 hrs. day. That does not leave a lot of time for maintenance on equipment. With the upgrade in components that were damaged from the storm, the crew mentioned that things have ran very efficient. Our City Engineers(JUB) are currently working on our Water Master Plan to gain some insight on how we can use our water more efficiently and searching for additional waster sources. I will be reporting back the council as we get closer to implementing those changes.





Sewer Department Updates

With the completion of the Industrial Waste Water Project (IWW) for PDX 2 and the additional IWW line from the PDX 63 sight we are seeing a drop in the amount cooling water that is reaching the Waste Water Treatment Plant (WWTP). With that being said we are seeing an increase in normal sewage water from the additional homes that are being built with in Umatilla. This makes the WWTP work more efficiently. We are currently still in search for a WWTP Operator that will be a good fit for the department. The crew has been working a lot of hours and we look forward to getting that position filled. We are in the initial stages of our design for the upgrades to the WWTP and hope to have some information for the council in the upcoming year.

Parks Department Updates

Most of the Parks in town have been in for a major overhaul during this time of quarantine. We have budgeted for and installed a lot of new features. Additional projects have been started and are in different stages of construction.

As I mentioned earlier we had a major wind storm in May that destroyed roofs, trees, and did a lot damage that needed cleanup.

Nugent Park is receiving a upgrade to the little league baseball field. A new fence, dugouts, and upgrades to the playing surface are being installed. We want to have a safe beautiful park for our boys and girls to play on when baseball resumes. Additional work to the flag pole and scoring stand will also be taking place. The upgrades were budgeted for along with the need to repair after the storm.

Kiwanis Park has transformed into a park that we should all be proud of. New ADA accessible bathrooms, sidewalk and a parking spot have been installed. We still have a few things to add but this is a great place to enjoy a game of basketball or a picnic with the family.

Hash Park will be receiving new dugouts as a result of the storm. We have also paved some additional parking and upgrades to the field are coming as well. The folks in McNary area have two really nice Parks that are within easy walking distance.

Upgrades have also been made to the cemetery area at South Hill. We have expanded the parking area and the grindings from the 6th street project have been designated to be laid in the parking lot for a nice finish. The crew updated the water line there as well and have spent a lot of time making it look better.







Street Department Updates

The crew continues to share the responsibility of taking care of the streets. We are continuing to build out street fund for upgrades to our streets such as curb gutter and sidewalk. Crack sealing and overlay are our top priority in the coming years. We are working on a street audit to see where those upgrades should happen first. We look forward to all of these projects as they really do make the city look complete.



PUBLIC WORKS QUARTERLY REPORT

www.umatilla-city.org

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Community Development Quarterly Report	Meeting Date: 2020-09-01
--	------------------------------------

Department: Community Development	Director: Brandon Seitz	Contact Person: Brandon Seitz	Phone Number: 541-922-3226x103
---	-----------------------------------	---	--

Cost of Proposal: NA	Fund(s) Name and Number(s): N/A
Amount Budgeted: NA	

Reviewed by Finance Department: Yes	Previously Presented: NA
---	------------------------------------

Attachments to Agenda Packet Item:

[CDD 4th Quarter Report 2019-20.pdf](#)

Summary Statement:

Suggestion Action: Discussion.

Included in the packet is a PDF version of the Community Development 4th Quarter Report. Please use the link below to visit the online interactive version of the report.

[Community Development 4th Quarter Report FY19-20](#)

Consistent with Council Goals:

Goal 3: Enhance and Cultivate Relationships and Partnerships.

COMMUNITY DEVELOPMENT QUARTERLY REPORT

4th Quarter, Fiscal Year 2019-2020
Quarter Ended June 30, 2020

I'm pleased to present the Community Development Quarterly report for your review. Community Development includes Planning, Building, Economic Development and Parks & Recreation. This report is intended to provide a general update on current project and highlight events, programming and private development.

Brandon Seitz
Community Development Director

COMMUNITY DEVELOPMENT HIGHLIGHTS

While many projects requiring community input or involvement have been delayed due to COVID-19, the planning and building divisions have remained very busy with little or no decline in permit volume. Recreational programming has been the most impacted so far with very limited opportunities to create new programming with many of our parks being closed or limited and social distancing requirements.

- **Downtown Revitalization Grant** – The City approved four Downtown Revitalization Grants totaling \$76, 112.14 in awarded funds to Umatilla Inn & Suites, Umatilla Java Junkies, The Bridge (formally the Riverside) and Rae's Dayz Diner. Notice of awards were sent to the successful business at the end of June and all projects must be completed within 6 months. As the projects are completed staff will provide updates.
- **Umatilla Small Business Emergency Assistance Grant** – The City was successful and received \$50,000 in matching funds from the COVID-19 Emergency Business Assistance Program from Business Oregon to create a new emergency grant program. The program was funded in part with State of Oregon General Funds and Lottery Funds administered by the Oregon Business Development Department. The City has awarded 5 applications totaling \$16,027.70 thus far.
- **Residential Development** – The City continues to see major residential development on several projects. There are currently four approved subdivisions in various stages of construction. Staff continues to see increased interest from developers for properties. The City has received a new application for a 64 lots subdivision that will be considered by Planning Commission in the first quarter of 2020-2021 fiscal year.





DIVISION REPORTS

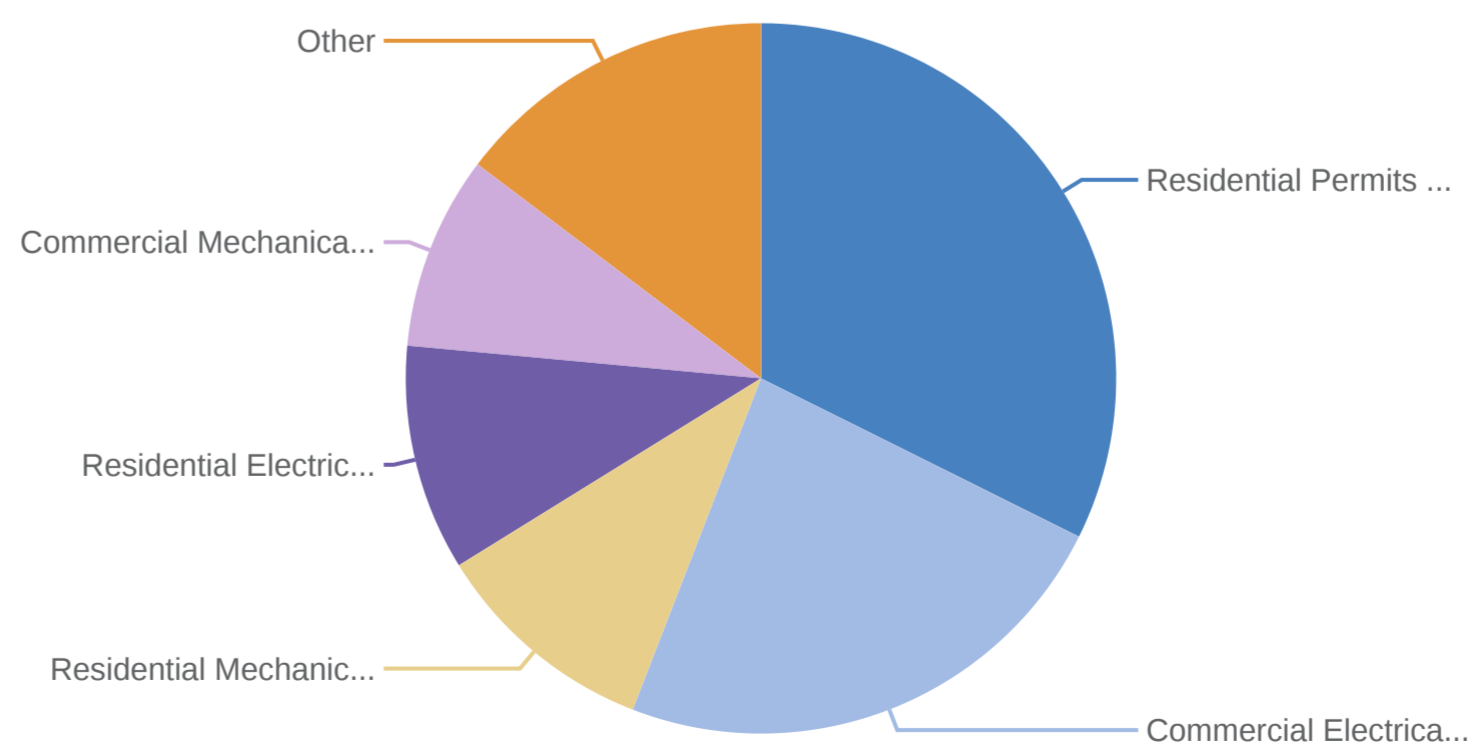
Planning Division

Number of Applications	Type of Application
2	Appeals
1	Conditional Use
1	Site Plan Review
1	Zoning Permit
5	Total Permis Issued

Building Division

Building Permits 4th Quarter 2019-20

Data Updated 2 weeks ago



68

Permit Type in 2020

Permit Type	Permit Issued	Fees Paid	Job Value
Residential Permits 1 & 2 Family Dwelling	22	\$ 159,112.53	\$ 4,739,498.73
Commercial Plumbing	2	\$ 228.00	\$ 9,000.00
Commercial Alarm or Suppression System	3	\$ 12,672.90	\$ 815,620.00
Residential Mechanical	7	\$ 359.10	\$ 27,842.00
Commercial Mechanical	6	\$ 48,311.30	\$ 18,998,233.88
Commercial Structural	2	\$ 11,072.02	\$ 780,761.00
Residential Plumbing	1	\$ 91.20	\$ 2,000.00
Commercial Electrical	16	\$ 55,854.01	\$ 2,866,450.00
Residential Structural	2	\$ 502.14	\$ 12,606.30
Residential Electrical	7	\$ 711.36	\$ 7,250.00

Parks & Recreation Division

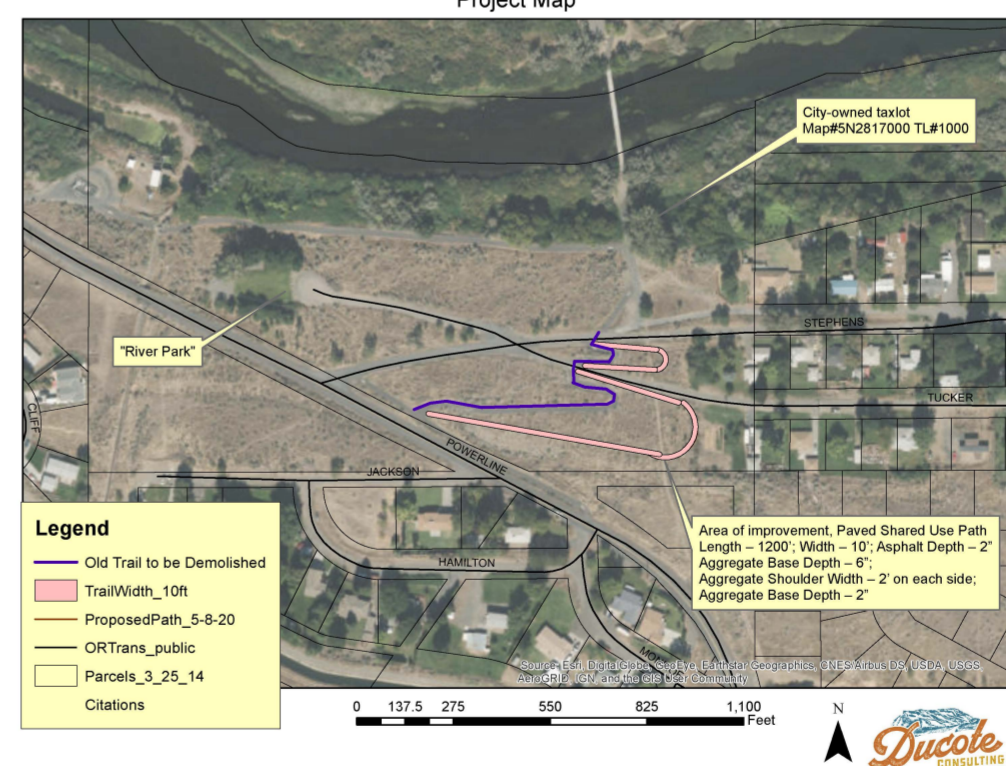
This quarter the City applied for a grant with Oregon Parks and Recreation for the connection of Project 1 of the Master Trail Plan. Project 1 of our Master Trail Plan will allow pedestrians to walk on the west side of Powerline Road north towards downtown to Bus Stop Park where a new crosswalk would be constructed, and the trail would then be constructed on the east side of Powerline Road. The alignment on the east will require the construction of a footbridge crossing the West Extension Irrigation District canal. This project will then connect to the existing asphalt trail located adjacent to Powerline Road.



Regional Trail Plan

Community Development Department applied for a grant for the regional trail system. City of Umatilla RTP Grant application will include design and construction of a section of path that will connect the South Hill region to the downtown area. The paved path will be 10 ft wide, with a 2 ft gravel shoulder on each side, approximately 1,000 ft in length and ADA-compliant. The project will also include demolishing and removing the existing substandard asphalt path. The new path will be designed to meet bicycle and pedestrian design standards including ADA requirements.

Umatilla 2020 RTP Grant Application, Stephens to Powerline Rd
Project Map



GREENPLAY LLC



This City previously hired GreenPlay LLC to help finalize our Master Park Plan. The City in collaboration with GreenPlay has attempted to find unique ways to conduct public meetings and or stakeholder meetings for input on parks and recreation. GreenPlay has conducted over ten focus groups and are continuously taking public input for the completion of our Master Park Plan. If you are interested in helping please feel free to complete our public survey on parks and recreation. <https://www.opentownhall.com/8957>



COMMUNITY DEVELOPMENT DEPARTMENT QUARTERLY REPORT

www.umatilla-city.org

Report Criteria:
Detail report type printed

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
13							
13	A-1 Industrial Hose & Supply	201174	Waste Water Supplies	08/03/20	45.34	45364	08/06/20
	Total 13:				45.34		
25							
25	Adams, Gordon G.	12DRIFTWO	Utility Refund	07/31/20	68.18	45365	08/06/20
	Total 25:				68.18		
101							
101	APSCO, Inc.	21925	Field Service Pump Repair	05/28/20	2,500.00	45366	08/06/20
	Total 101:				2,500.00		
102							
102	Aramark Uniform Services, Inc.	864474855	Police Mats	05/07/20	252.27	45367	08/06/20
		864492110	Police Mats	05/21/20	252.27	45367	08/06/20
		864492112	Mats & Towels	05/21/20	170.12	45367	08/06/20
		864509492	Police Mats	06/04/20	252.27	45367	08/06/20
		864527824	Mats & Towels	06/18/20	170.12	45367	08/06/20
		864547127	Mats & Towels	07/02/20	170.12	45367	08/06/20
		864566061	Mats & Towels	07/16/20	170.12	45367	08/06/20
		864584892	Police Mats	07/30/20	252.27	45367	08/06/20
		864603814	Police Mats	08/13/20	252.27	45475	08/24/20
		8864584894	Mats & Towels	07/30/20	170.12	45475	08/24/20
	Total 102:				2,111.95		
148							
148	Banner Bank Mastercard	0715AUGUS	Lunch Meeting Community Dev.-Esme	07/24/20	30.00	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	7.50	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	7.50	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	7.50	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	7.50	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	32.52	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	32.51	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	32.51	45368	08/06/20
		0715AUGUS	Public Works Meeting	07/24/20	32.51	45368	08/06/20
		2217AUGUS	TLO Transunion	07/24/20	50.00	45368	08/06/20
		2217AUGUS	Applebees-Salem Vehicle Pickup	07/24/20	37.65	45368	08/06/20
		2217AUGUS	Piezzetta-Reno Training-Huxell/Oneal	07/24/20	30.27	45368	08/06/20
		2217AUGUS	SL Cafe-Reno Training-Huxel/Oneal	07/24/20	42.22	45368	08/06/20
		2217AUGUS	SL Cafe-Reno Training-Huxel/Oneal	07/24/20	49.80	45368	08/06/20
		2217AUGUS	Eldorado-Reno Training Oneal	07/24/20	437.64	45368	08/06/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		2217AUGUS	Eldorado-Reno Training Huxel	07/24/20	426.29	45368	08/06/20
		2217AUGUS	Amazon-Lockbox	07/24/20	69.95	45368	08/06/20
		2217AUGUS	NASRO Credit	07/24/20	445.00-	45368	08/06/20
		2552AUGUS	Marina Site Markers	07/24/20	2,024.48	45368	08/06/20
		3132AUGUS	Cooler and drinks for PW	07/24/20	49.43	45368	08/06/20
		3132AUGUS	Cooler and drinks for PW	07/24/20	49.42	45368	08/06/20
		3132AUGUS	Cooler and drinks for PW	07/24/20	49.42	45368	08/06/20
		3132AUGUS	Cooler and drinks for PW	07/24/20	49.42	45368	08/06/20
		3132AUGUS	Propane tanks for forklift	07/24/20	8.96	45368	08/06/20
		3132AUGUS	Propane tanks for forklift	07/24/20	8.96	45368	08/06/20
		3132AUGUS	Propane Tanks for Forklift	07/24/20	8.96	45368	08/06/20
		3132AUGUS	Propane tanks for forklift	07/24/20	8.96	45368	08/06/20
		3132AUGUS	Pressure Testing standards water/sewer	07/24/20	52.00	45368	08/06/20
		3132AUGUS	Pressure Testing Standanrds Water/Sewer	07/24/20	52.00	45368	08/06/20
		3132AUGUS	Pressure Pipe and Fittings	07/24/20	44.50	45368	08/06/20
		3132AUGUS	Pressure Pipe and Fittings	07/24/20	44.50	45368	08/06/20
		5919AUGUS	Indeed Job Postings	07/24/20	590.80	45368	08/06/20
		5919AUGUS	SMARSH Archiving Subscription	07/24/20	135.00	45368	08/06/20
		5919AUGUS	Network Solutions Domain Renewal	07/24/20	71.97	45368	08/06/20
		5919AUGUS	Adobe Renewal	07/24/20	179.88	45368	08/06/20
		5919AUGUS	Street Maintenance Lead Job Posting	07/24/20	671.40	45368	08/06/20
		5919AUGUS	Global Leadership	07/24/20	189.00	45368	08/06/20
		6777AUGUS	Online EO Subscription	07/24/20	135.00	45476	08/24/20
		7017AUGUS	Employee Appreciation Day	07/24/20	24.57	45368	08/06/20
		7017AUGUS	Global Leadership	07/24/20	50.70	45368	08/06/20
		7017AUGUS	Global Leadership	07/24/20	59.15	45368	08/06/20
		7017AUGUS	Global Leadership	07/24/20	59.15	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	393.97	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	446.71	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	34.81	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	39.95-	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	20.80	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	20.00	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	20.00	45368	08/06/20
		8328AUGUS	Employee Appreciation Item	07/24/20	20.00	45368	08/06/20
		8328AUGUS	Zoom License	07/24/20	29.98	45368	08/06/20
		8328AUGUS	Adobe License	07/24/20	14.99	45368	08/06/20
		8328AUGUS	Amazon-Screen Filter	07/24/20	89.98	45368	08/06/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		8336AUGUS	Paper Towels, blank DVD's and Batteries	07/24/20	117.59	45368	08/06/20
		8336AUGUS	Office Chair	07/24/20	129.99	45368	08/06/20
		8336AUGUS	Trash Bags	07/24/20	48.69	45368	08/06/20
		8336AUGUS	Trash Bags	07/24/20	43.99	45368	08/06/20
		8336AUGUS	Face Masks	07/24/20	26.99	45368	08/06/20
		8336AUGUS	Office Chair	07/24/20	129.99	45368	08/06/20
		8336AUGUS	Binder Dividers, Calendar	07/24/20	27.19	45368	08/06/20
		8336AUGUS	Air Compressor, Service Jack	07/24/20	269.84	45368	08/06/20
		8336AUGUS	Otterbox, Dymo Label Refills	07/24/20	27.43	45368	08/06/20
		8336AUGUS	Handsoap	07/24/20	6.66	45368	08/06/20
		8336AUGUS	Tint Meter, Patrol Car Seat Organizer	07/24/20	132.99	45368	08/06/20
		8336AUGUS	Tint Meter, Cite Clipboard	07/24/20	121.94	45368	08/06/20
		8336AUGUS	Staff Mtg Supplies	07/24/20	15.12	45368	08/06/20
		8336AUGUS	Duty Belt	07/24/20	62.54	45368	08/06/20
		8336AUGUS	Mag Pouch	07/24/20	34.99	45368	08/06/20
		8336AUGUS	Rake	07/24/20	37.99	45368	08/06/20
		8336AUGUS	Staff Meeting Supplies	07/24/20	64.66	45368	08/06/20
		8336AUGUS	Single Cuff Case	07/24/20	24.49	45368	08/06/20
		8336AUGUS	NAME TAGS	07/24/20	20.83	45368	08/06/20
	Total 148:				7,901.70		
222							
222	Boardman Lock & Key	9517	Marina - LOCK REPAIR	08/01/20	85.00	45370	08/06/20
	Total 222:				85.00		
293							
293	Buttercreek Equipment, Inc.	57793	Parts for Tractor	07/23/20	110.98	45478	08/24/20
	Total 293:				110.98		
320							
320	Canon Solutions America, Inc	4033499499	COPIER MAINTENANCE	07/24/20	36.73	45371	08/06/20
	Total 320:				36.73		
351							
351	Cascade Natural Gas Corp.	1092AUGUS	Natural Gas	07/28/20	4.58	45373	08/06/20
		1092AUGUS	Natural Gas	07/28/20	4.59	45373	08/06/20
		1092AUGUS	Natural Gas	07/28/20	4.58	45373	08/06/20
		3033AUGUS	Natural Gas	07/28/20	10.49	45373	08/06/20
		7846AUGUS	Natural Gas	07/28/20	11.14	45373	08/06/20
		7851AUGUS	Natural Gas	07/28/20	10.49	45373	08/06/20
		8476AUGUS	Sewer Plant	07/28/20	26.73	45479	08/24/20
	Total 351:				72.60		

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
355							
355	Casiday Battery Co.	11653	Vehicle Maintenance	07/23/20	45.00	45374	08/06/20
	Total 355:				45.00		
362							
362	Center Point Large Print	1779407	Large Print Books for Library	08/01/20	140.22	45480	08/24/20
	Total 362:				140.22		
367							
367	CenturyLink	678BAUGUS	Police Dept Phones	07/25/20	93.23	45375	08/06/20
	Total 367:				93.23		
391							
391	CI INFORMATION MANAGMEN	103950	Onsite document shred	07/31/20	136.24	45481	08/24/20
	Total 391:				136.24		
410							
410	CLUB 24	FEB2020	Gym Joining Fee-Lemmon	02/29/20	20.00	44807	Multiple
		FEB2020	Gym Joining Fee-Lemmon	02/29/20	20.00-		
		JAN2020	JOINING FEE-Whitaker	02/15/20	20.00	44718	Multiple
		JAN2020	JOINING FEE-Whitaker	02/15/20	20.00-		
	Total 410:				.00		
427							
427	Columbia Harvest Foods	021608876	Drinks for Pubic Works	05/26/20	9.67	45377	08/06/20
		021608876	Drinks for Pubic Works	05/26/20	9.67	45377	08/06/20
		021608876	Drinks for Pubic Works	05/26/20	9.67	45377	08/06/20
		02-1633487	Employee Appreciation	06/24/20	20.15	45377	08/06/20
		031088485	Drinks for Pubic Works	05/05/20	18.51	45377	08/06/20
		031088485	Drinks for Pubic Works	05/05/20	18.52	45377	08/06/20
		031088485	Drinks for Pubic Works	05/05/20	18.52	45377	08/06/20
		031099974	Drinks for Pubic Works	06/18/20	9.59	45377	08/06/20
		031099974	Drinks for Pubic Works	06/18/20	9.60	45377	08/06/20
		031099974	Drinks for Pubic Works	06/18/20	9.60	45377	08/06/20
		031123871	Drinks for Pubic Works	06/23/20	12.55	45377	08/06/20
		031123871	Drinks for Pubic Works	06/23/20	12.55	45377	08/06/20
		031123871	Drinks for Pubic Works	06/23/20	12.56	45377	08/06/20
		041118165	Drinks for Pubic Works	05/05/20	5.39	45377	08/06/20
		041118165	Drinks for Pubic Works	05/05/20	5.38	45377	08/06/20
		041118165	Drinks for Pubic Works	05/05/20	5.39	45377	08/06/20
		041118165	Drinks for Pubic Works	05/05/20	5.39	45377	08/06/20
		041142133	Drinks for Pubic Works	06/09/20	19.20	45377	08/06/20
		041142133	Drinks for Pubic Works	06/09/20	19.20	45377	08/06/20
		041142133	Drinks for Pubic Works	06/09/20	19.20	45377	08/06/20
	Total 427:				250.31		

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
435							
435	Commercial Tire	15-285830	Water Dept Repair	07/01/20	175.74	45378	08/06/20
		257405	Tires for PD	07/23/20	607.80	45483	08/24/20
		257407	Tires for Parks	07/23/20	838.86	45483	08/24/20
		257706	Tires for PW	07/30/20	196.68	45483	08/24/20
		257706	Tires for PW	07/30/20	196.68	45483	08/24/20
		257706	Tires for PW	07/30/20	196.68	45483	08/24/20
		257706	Tires for PW	07/30/20	196.68	45483	08/24/20
		257706	Tires for PW	07/30/20	196.68	45483	08/24/20
	Total 435:				2,409.12		
439							
439	Concrete Special Ties, Inc.	55844	For Kiwanis Park Sidewalks	07/21/20	2.20	45379	08/06/20
		55984	Parks Supplies	07/27/20	6.94	45379	08/06/20
	Total 439:				9.14		
484							
484	Crown Paper & Janitorial	252153	Marina - Janitorial Supplies	07/29/20	1,443.28	45380	08/06/20
	Total 484:				1,443.28		
487							
487	Crystal Clear Ice, LLC	21-004593	marina	07/28/20	157.50	45484	08/24/20
		23002506	Ice for Marina Resale	07/18/20	157.50	45381	08/06/20
	Total 487:				315.00		
488							
488	Crystal Springs	9262940072	Water for Police Department	07/22/20	91.21	45382	08/06/20
	Total 488:				91.21		
540							
540	DEMCO, Inc.	6825580	Book Jackets	08/07/20	89.13	45485	08/24/20
	Total 540:				89.13		
550							
550	DEQ - Dept. of Environmental Q	1200-C APP	1200-C Permit Application Lind Rd Project	08/20/20	1,081.00	45486	08/24/20
	Total 550:				1,081.00		
577							
577	DIVCO	SCPAY83345	HVAC Maintenance - City Hall	08/01/20	484.50	45487	08/24/20
		SCPAY83346	HVAC Maintenance - Public Works	08/01/20	140.50	45487	08/24/20
		SCPAY83347	HVAC Maintenance - Sewer Plant	08/01/20	340.00	45487	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 577:					965.00		
607							
607	Ducote Consulting	1478	CDBG Funds for pedestrian bridge waterline	07/31/20	233.75	45384	08/06/20
Total 607:					233.75		
609							
609	Duke's Auto Plus	12969	Repairs-Dodge Charger	07/16/20	250.00	45385	08/06/20
		13004	Vehicle Repairs-Dodge Charger	07/29/20	436.00	45385	08/06/20
Total 609:					686.00		
620							
620	Dyer, Duane	CLOTHINGA	Reimbursement for Clothing Allowance	08/24/20	311.93	45489	08/24/20
		OAWU2020	Per Diem for OAWU	08/10/20	481.62	45472	08/12/20
Total 620:					793.55		
628							
628	East Oregonian	78219	Community Development Coordinator	07/07/20	680.00	45386	08/06/20
		79419	PUBLIC NOTICE	07/18/20	236.90	45490	08/24/20
		81710	PUBLIC NOTICE	08/01/20	250.00	45490	08/24/20
		81711	PUBLIC NOTICE	08/01/20	300.00	45490	08/24/20
		81787	RECRUITING-Street Department	08/06/20	750.00	45490	08/24/20
		81788	invitation to bid-Lind Rd.	08/06/20	500.24	45490	08/24/20
Total 628:					2,717.14		
635							
635	Eastern Oregon Telecom, LLC	8743AUGUS	City Hall Internet	08/01/20	452.16	45387	08/06/20
		8743AUGUS	City Hall Internet	08/01/20	47.43	45387	08/06/20
		8743AUGUS	Water Shop Internet	08/01/20	308.33	45387	08/06/20
		8743AUGUS	Sewer Internet	08/01/20	377.28	45387	08/06/20
		8743AUGUS	City Hall Internet	08/01/20	142.28	45387	08/06/20
		8743AUGUS	Library Internet	08/01/20	198.69	45387	08/06/20
		8743AUGUS	Marina Internet	08/01/20	274.34	45387	08/06/20
Total 635:					1,800.51		
674							
674	EOTEC	Q2-2020	tourism Promotion Assessment	08/01/20	9,331.61	45389	08/06/20
Total 674:					9,331.61		
712							
712	FastTrack	495RILEYAV	495 Riley Ave. Unit				

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
			A-Utility Refund	08/01/20	21.43	45491	08/24/20
	Total 712:				21.43		
720							
720	FERGUSON WATERWORKS #3	0903595	Meter Inventory	08/01/20	3,749.76	45492	08/24/20
	Total 720:				3,749.76		
854							
854	Gordon's Electric Inc.	J000413	Install/Comm	08/05/20	2,183.34	45495	08/24/20
		J000413	Library Projector Electrical Work	08/05/20	2,183.34	45495	08/24/20
		W13848	Repair pump #1 at lift station	07/23/20	572.20	45393	08/06/20
		W13935	Electric Work on Cubicals	08/12/20	2,953.18	45495	08/24/20
		W13950	Light repair at City Hall and Library	08/14/20	194.99	45495	08/24/20
		W13950	Light Repair at City Hall and the Library	08/14/20	194.98	45495	08/24/20
	Total 854:				8,282.03		
856							
856	Gotcha Covered	137733	Cleaning Services	08/05/20	443.84	45394	08/06/20
		137733	Cleaning Services	08/05/20	383.98	45394	08/06/20
		137733	Cleaning Services	08/05/20	383.98	45394	08/06/20
		137733	Cleaning Services	08/05/20	248.20	45394	08/06/20
	Total 856:				1,460.00		
862							
862	Grainger Inc.	9608110335	Golf Well Exhaust Fan	07/31/20	124.78	45496	08/24/20
	Total 862:				124.78		
864							
864	Granite Construction Company	1838783	Kiwanis Park Sidewalks	07/15/20	132.21	45395	08/06/20
		1840299	Kiwanis Park Sidewalks	07/16/20	217.47	45395	08/06/20
	Total 864:				349.68		
905							
905	H.D. Fowler Company	I5524183	Water Dept Supplies Meters etc	07/16/20	405.78	45396	08/06/20
		I5531252	Water Dept Supplies Meters etc	07/23/20	684.40	45396	08/06/20
		I5538717	Water Dept Supplies Meters etc	07/30/20	364.98	45498	08/24/20
		I5550574	Water Line at Cemetery	08/11/20	562.10	45498	08/24/20
	Total 905:				2,017.26		

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
911							
911	Hagerman Inc.	1-26273	Cemetery Parking Lot Maintenance	08/10/20	750.00	45499	08/24/20
	Total 911:				750.00		
931							
931	Harrington, Derek	TRAVELEXP	Per Diem- Delivering Samples to Lab in Corvallis	08/24/20	123.75	45501	08/24/20
	Total 931:				123.75		
960							
960	Heller & Sons Dist., Inc.	29413	Gasoline for Police Cars	07/31/20	2,391.44	45502	08/24/20
		29414	Gas for Public Works Vehicles	07/31/20	354.29	45502	08/24/20
		29414	Gas for Public Works Vehicles	07/31/20	578.33	45502	08/24/20
		29414	Gas for Public Works Vehicles	07/31/20	229.25	45502	08/24/20
		29414	Gas for Public Works Vehicles	07/31/20	574.86	45502	08/24/20
		60703	Well Maint.	07/14/20	184.69	45397	08/06/20
		9017644	Gas for Public Works Vehicles	07/31/20	8.31	45502	08/24/20
		9017644	Gas for Public Works Vehicles	07/31/20	13.56	45502	08/24/20
		9017644	Gas for Public Works Vehicles	07/31/20	5.38	45502	08/24/20
		9017644	Gas for Public Works Vehicles	07/31/20	13.48	45502	08/24/20
	Total 960:				4,353.59		
966							
966	Hermiston Auto Parts, Inc.	603610	Break Pad Replacement	07/22/20	134.55	45398	08/06/20
		603612	Oil filter for Dodge Charger	07/22/20	5.58	45398	08/06/20
		603619	Brake Pads for Police Dept.	07/22/20	134.55-	45398	08/06/20
		603669	Vehicle Maintenance	07/23/20	1.87	45398	08/06/20
		603669	Vehicle Maintenance	07/23/20	3.28	45398	08/06/20
		603669	Vehicle Maintenance	07/23/20	9.36	45398	08/06/20
		603669	Vehicle Maintenance	07/23/20	3.51	45398	08/06/20
		603669	Vehicle Maintenance	07/23/20	5.38	45398	08/06/20
		603707	Vehicle Maintenance	07/24/20	11.81	45398	08/06/20
		603707	Vehicle Maintenance	07/24/20	20.67	45398	08/06/20
		603707	Vehicle Maintenance	07/24/20	59.05	45398	08/06/20
		603707	Vehicle Maintenance	07/24/20	22.14	45398	08/06/20
		603707	Vehicle Maintenance	07/24/20	33.96	45398	08/06/20
		603812	Vehicle Maintenance	07/28/20	3.21	45398	08/06/20
		603812	Vehicle Maintenance	07/28/20	5.62	45398	08/06/20
		603812	Vehicle Maintenance	07/28/20	16.05	45398	08/06/20
		603812	Vehicle Maintenance	07/28/20	6.02	45398	08/06/20
		603812	Vehicle Maintenance	07/28/20	9.22	45398	08/06/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		604002	supplies	07/31/20	42.17	45503	08/24/20
		604102	Vehicle Maintenance	08/04/20	24.61	45503	08/24/20
		604102	Vehicle Maintenance	08/04/20	43.06	45503	08/24/20
		604102	Vehicle Maintenance	08/04/20	123.03	45503	08/24/20
		604102	Vehicle Maintenance	08/04/20	46.14	45503	08/24/20
		604102	Vehicle Maintenance	08/04/20	70.73	45503	08/24/20
		604103	Oil Change Supplies-PD	08/04/20	10.38	45503	08/24/20
		604110	Water Dept. Supplies	08/04/20	32.15	45503	08/24/20
		604118	Vehicle Maintenance	08/04/20	42.90	45503	08/24/20
		604119	Oil Change Supplies-PD	08/04/20	40.35	45503	08/24/20
		832156	Wastewater Jet Trailer Repair	07/17/20	37.80	45398	08/06/20
	Total 966:				730.05		
968							
968	Hermiston Chrysler Dodge Jeep	561029	Pad Kit	07/24/20	126.47	45399	08/06/20
	Total 968:				126.47		
1012							
1012	Home Depot Credit Services	3044628	Marina Supplies	06/23/20	128.80	45401	08/06/20
		4032197	Parks Supplies	07/02/20	38.91	45401	08/06/20
		6524492	Shelving for City Hall	07/10/20	39.98	45401	08/06/20
		9100804	Tools for Parks	07/17/20	129.88	45401	08/06/20
	Total 1012:				337.57		
1023							
1023	Horn, Casey	OAWU2020	Per Diem- OAWU Certification Training	08/10/20	481.62	45473	08/12/20
	Total 1023:				481.62		
1034							
1034	HRA VEBA Trust Contributions	700237731-Y	Alton Wilson's Contribution -700237731	08/19/20	300.00	45504	08/24/20
	Total 1034:				300.00		
1044							
1044	Huxel, Darla	08042020	Training/Travel	08/04/20	38.95	45403	08/06/20
	Total 1044:				38.95		
1060							
1060	Ingram	47317790	Library Books	07/28/20	15.59	45404	08/06/20
		47317791	Library Books	07/28/20	16.80	45404	08/06/20
		47317792	Library Books	07/28/20	33.58	45404	08/06/20
		47317793	Library Books	07/28/20	9.75	45404	08/06/20
		47317794	Library Books	07/28/20	21.67	45404	08/06/20
		47317795	Library Books	07/28/20	17.39	45404	08/06/20
		47371087	Library Books	07/31/20	10.36	45506	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		47476210	Library Books	08/05/20	48.59	45506	08/24/20
		47476211	Library Books	08/05/20	126.89	45506	08/24/20
		47675588	Library Books	08/14/20	16.80	45506	08/24/20
		47675589	Library Books	08/14/20	16.80	45506	08/24/20
		47675590	Library Books	08/14/20	17.40	45506	08/24/20
		47675591	Library Books	08/14/20	10.79	45506	08/24/20
		47705999	Library Books	08/17/20	16.79	45506	08/24/20
Total 1060:					358.48		
1068							
1068	Intermountain ESD	5980002923	Technology Support	07/24/20	30,766.10	45405	08/06/20
		598T067934	Computer-Admin. Services Mng.	07/15/20	800.04	45405	08/06/20
		598T067996	Phone Upgrade-Police	08/01/20	2,823.00	45405	08/06/20
		598T067996	Phone Upgrade-City Hall	08/01/20	2,823.00	45405	08/06/20
		598T068147	Phone Upgrade-Shop	08/01/20	1,389.00	45405	08/06/20
		598T068361	Security Appliance W/ FirePOWER services	07/01/20	2,980.00	45507	08/24/20
		598T068489	Computer Monitors-Court Clerk	08/07/20	203.98	45507	08/24/20
		598T068491	Web Camera-Public Works Director	08/14/20	24.19	45507	08/24/20
		598T068602	Computer-Court Clerk	08/17/20	929.62	45507	08/24/20
Total 1068:					42,738.93		
1089							
1089	J U B Engineers, Inc.	135962	Lind Road Improvements	08/10/20	23,067.19	45508	08/24/20
		136232	Umatilla On-Call Engineering Services	08/19/20	576.31	45508	08/24/20
		136232	Umatilla On-Call Engineering Services	08/19/20	576.31	45508	08/24/20
		136233	Umatilla Phase 1 Construction Management Services	08/19/20	3,163.00	45508	08/24/20
		136240	Umatilla Business Center Surveys	08/19/20	1,294.20	45508	08/24/20
		136240	Umatilla Business Center Surveys	08/19/20	1,294.20	45508	08/24/20
		136246	Pedestrian Bridge Estimates	08/19/20	857.94	45508	08/24/20
		136246	Waterline Estimates	08/19/20	858.24	45508	08/24/20
		136247	Power City Sewer Tech Memo & CDBG Application Assistance	08/19/20	11,187.60	45508	08/24/20
		136250	Water Master Plan	08/19/20	1,579.81	45508	08/24/20
		136262	Property Partition Plat	08/19/20	3,744.00	45508	08/24/20
Total 1089:					48,198.80		
1099							
1099	James C. Fulper dba Health Opt	90831	Police Physicals	08/10/20	231.00	45510	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 1099:					231.00		
1112							
1112	Jimmy's Johns Portable Toilets L	12040	Marina & RV Park - 2 Units	08/01/20	185.00	45511	08/24/20
Total 1112:					185.00		
1189							
1189	KIE Supply Corp	2027893	Kiwanis Irrigation Repair	07/20/20	31.06	45407	08/06/20
		2028006	Park Irrigation Repair	07/21/20	96.20	45407	08/06/20
		2028269	Sprinkler Parts-Marina	07/24/20	94.63	45407	08/06/20
		2028509	drywall anchor	07/28/20	62.94	45407	08/06/20
		2028727	Sprinkler Parts	07/31/20	378.49	45514	08/24/20
		2028801	Sprinkler Parts	08/03/20	95.62	45514	08/24/20
		2029341	Sprinkler Parts	08/11/20	264.81	45514	08/24/20
		2029553	Sprinkler Parts	08/14/20	163.49	45514	08/24/20
		2029577	Sprinkler Parts	08/14/20	26.53	45514	08/24/20
Total 1189:					1,213.77		
1211							
1211	Krogh, Theresa	JULY2020	Weddings	08/01/20	50.00	45408	08/06/20
Total 1211:					50.00		
1221							
1221	Kuo Testing Labs, Inc.	20G0260	TRCI Lab Tests TBR	07/21/20	85.10	45409	08/06/20
		20G0385	TRCI Lab Tests TBR	07/29/20	85.10	45515	08/24/20
		20H0036	TRCI Lab Tests TBR	08/05/20	85.10	45515	08/24/20
		20H0149	Testing for Diversion Structure	08/13/20	22.10	45515	08/24/20
		20H0154	Testing for Diversion Structure	08/13/20	70.13	45515	08/24/20
Total 1221:					347.53		
1226							
1226	L.N. Curtis and Sons	INV398029	PD Uniform	06/17/20	36.50	45516	08/24/20
		INV410337	PD Uniform	07/31/20	235.54	45410	08/06/20
		INV411388	PD Uniform	08/04/20	75.25	45516	08/24/20
Total 1226:					347.29		
1249							
1249	LAWSON PRODUCTS	9307733894	SHOP Supplies	07/20/20	87.15	45411	08/06/20
		9307733894	SHOP Supplies	07/20/20	87.15	45411	08/06/20
Total 1249:					174.30		
1272							
1272	Life Flight Network Foundation	WILSON202	Life Flight Membership	08/17/20	50.00	45517	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 1272:					50.00		
1297							
1297	Lohman, Jason	CLOTHINGA	Reimbursement for Clothing Allowance	08/24/20	315.92	45519	08/24/20
Total 1297:					315.92		
1430							
1430	Mendoza, Gerardo	3105BLUEJA	Refund Bal Utility Deposit	07/30/20	91.66	45412	08/06/20
Total 1430:					91.66		
1559							
1559	NOLAND DOOR CO INC.	44085	Doors-Marina	07/15/20	4,272.00	45523	08/24/20
Total 1559:					4,272.00		
1561							
1561	Norco Inc.	29867261	Cylinder Rental	07/31/20	44.33	45524	08/24/20
		29867261	Cylinder Rental	07/31/20	44.33	45524	08/24/20
Total 1561:					88.66		
1580							
1580	NW Farm Supply Inc.	A223913	Safety Supplies	07/17/20	29.28	45413	08/06/20
Total 1580:					29.28		
1615							
1615	One Call Concepts, Inc.	70503	Regular Tickets, Modem Delivery	07/31/20	119.07	45414	08/06/20
Total 1615:					119.07		
1636							
1636	Oregon Dept of Revenue	AUGUST202	State Court Assessments	08/19/20	23,161.28	45526	08/24/20
Total 1636:					23,161.28		
1652							
1652	Oregon Travel Experience	100523	Oregon State HWY Sign Program	08/01/20	416.00	Multiple	Multiple
Total 1652:					416.00		
1676							
1676	OXARC Inc.	31012465	Marina Concert Supplies	07/14/20	228.84	Multiple	Multiple
		31032642	Chlorine Cylinders	08/06/20	480.00	45527	08/24/20
		31032643	Chlorine Cylinders	08/06/20	455.00	45527	08/24/20
		31032644	Chlorine Cylinders	08/06/20	910.00	45527	08/24/20
		31032645	Chlorine Cylinders	08/06/20	910.00	45527	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 1676:					2,983.84		
1684							
1684	Pacific Power	0010SEPT20	820 6th St.	08/13/20	56.32	45528	08/24/20
		0013SEPT20	Highway 395 & 730 Interti Well	08/13/20	5,070.29	45528	08/24/20
		0021AUGUS	McNary Industrial	07/28/20	8,053.56	Multiple	Multiple
		0039AUGUS	McFarland Well	07/27/20	2,539.42	Multiple	Multiple
		0054AUGUS	City Pk Rest Room	07/22/20	231.31	Multiple	Multiple
		0062SEPT20	Shop Complex	08/13/20	26.79	45528	08/24/20
		0070SEPT20	8th & FSE Corner	08/13/20	51.96	45528	08/24/20
		0088SEPT20	8th & E St SS Park	08/13/20	32.61	45528	08/24/20
		0096AUGUS	6th & A St.	07/22/20	17.94	Multiple	Multiple
		0104AUGUS	Street Lights	07/17/20	2,345.00	Multiple	Multiple
		0112SEPT20	800 6th St.	08/13/20	69.44	45528	08/24/20
		0112SEPT20	700 6th St.	08/13/20	341.04	45528	08/24/20
		0112SEPT20	700 6th St.	08/13/20	341.04	45528	08/24/20
		0112SEPT20	700 6th St.	08/13/20	341.04	45528	08/24/20
		0120AUGUS	632 D St. Umatilla OR	07/20/20	657.74	Multiple	Multiple
		0120SEPT20	632 D St. Umatilla OR	08/13/20	918.42	45528	08/24/20
		0146SEPT20	Bud Draper Dr.	08/13/20	5,827.46	45528	08/24/20
		0153SEPT20	Water Booster Station	08/13/20	4,686.06	45528	08/24/20
		0161SEPT20	Port Well	08/13/20	8,459.17	45528	08/24/20
		0179AUGUS	285 Radar Rd.	07/27/20	440.34	Multiple	Multiple
		0187SEPT20	Div 7 Naches Ave Lift	08/13/20	31.27	45528	08/24/20
		0377AUGUS	Bath House Marina	07/23/20	250.25	Multiple	Multiple
		0385AUGUS	Fish Cleaning Station	07/22/20	24.34	Multiple	Multiple
		0393AUGUS	West End Comfort Station	07/22/20	21.78	Multiple	Multiple
		0401AUGUS	15 HP Pump Marina Levy	07/22/20	338.67	Multiple	Multiple
		0419AUGUS	Quincy Ave. N 2nd @ Marina	07/22/20	304.86	Multiple	Multiple
		0427AUGUS	Marina Park	07/22/20	1,486.06	Multiple	Multiple
		0435AUGUS	1710 Quincy St.	07/22/20	338.40	Multiple	Multiple
		0443AUGUS	Marina Street Lights	07/13/20	195.02	Multiple	Multiple
		0443SEPT20	Marina Park	08/13/20	195.02	45528	08/24/20
		0476AUGUS	ABT 30322 Highway 730	07/22/20	25.57	Multiple	Multiple
		0500SEPT20	129 Walla Walla St.	08/13/20	20.23	45528	08/24/20
Total 1684:					43,738.42		
1763							
1763	Platt	0N70466	Water Dept. Equipment Repair	07/21/20	152.40	Multiple	Multiple
		0Q13857	Supplies	08/07/20	37.14	45530	08/24/20
		Y285454	Fuses for WWTP	07/22/20	17.29	Multiple	Multiple
Total 1763:					206.83		
1774							
1774	Postmaster	AUGUSTNE	Water Bills Postage	08/01/20	2,500.00	Multiple	Multiple
		AUGUSTNE	Water Bills Postage	08/01/20	2,500.00	Multiple	Multiple

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 1774:					5,000.00		
1791							
1791	PRO RENTAL & SALES, INC.	22-1225338	Marina Concert Light	07/10/20	255.84	Multiple	Multiple
		22-1231666	New Water line at Sunset Cemetery	07/31/20	800.01	45531	08/24/20
Total 1791:					1,055.85		
1818							
1818	Quill Corporation	7727990	Office Supplies	06/12/20	11.96	45533	08/24/20
		7727990	Office Supplies	06/12/20	2.38	45533	08/24/20
		7727990	Office Supplies	06/12/20	4.79	45533	08/24/20
		7727990	Office Supplies	06/12/20	7.17	45533	08/24/20
		7727990	Office Supplies	06/12/20	7.17	45533	08/24/20
		7727990	Office Supplies	06/12/20	4.79	45533	08/24/20
		7727990	Office Supplies	06/12/20	.71	45533	08/24/20
		8755644	Office Supplies	07/20/20	8.66	Multiple	Multiple
		8755644	Office Supplies	07/20/20	1.72	Multiple	Multiple
		8755644	Office Supplies	07/20/20	3.47	Multiple	Multiple
		8755644	Office Supplies	07/20/20	5.19	Multiple	Multiple
		8755644	Office Supplies	07/20/20	5.19	Multiple	Multiple
		8755644	Office Supplies	07/20/20	3.47	Multiple	Multiple
		8755644	Office Supplies	07/20/20	.50	Multiple	Multiple
		8769149	Office Supplies	07/21/20	5.27	Multiple	Multiple
		8769149	Office Supplies	07/21/20	1.05	Multiple	Multiple
		8769149	Office Supplies	07/21/20	2.11	Multiple	Multiple
		8769149	Office Supplies	07/21/20	3.16	Multiple	Multiple
		8769149	Office Supplies	07/21/20	3.16	Multiple	Multiple
		8769149	Office Supplies	07/21/20	2.11	Multiple	Multiple
		8769149	Office Supplies	07/21/20	.31	Multiple	Multiple
		8812551	Office Supplies	07/21/20	25.48	Multiple	Multiple
		8812551	Office Supplies	07/21/20	5.06	Multiple	Multiple
		8812551	Office Supplies	07/21/20	10.21	Multiple	Multiple
		8812551	Office Supplies	07/21/20	15.27	Multiple	Multiple
		8812551	Office Supplies	07/21/20	15.27	Multiple	Multiple
		8812551	Office Supplies	07/21/20	10.21	Multiple	Multiple
		8812551	Office Supplies	07/21/20	1.49	Multiple	Multiple
		8827531	Office Supplies	07/21/20	4.14	Multiple	Multiple
		8827531	Office Supplies	07/21/20	.82	Multiple	Multiple
		8827531	Office Supplies	07/21/20	1.66	Multiple	Multiple
		8827531	Office Supplies	07/21/20	2.48	Multiple	Multiple
		8827531	Office Supplies	07/21/20	2.48	Multiple	Multiple
		8827531	Office Supplies	07/21/20	1.66	Multiple	Multiple
		8827531	Office Supplies	07/21/20	.25	Multiple	Multiple
		8865597	Office Supplies	07/22/20	22.96	Multiple	Multiple
		8865597	Office Supplies	07/22/20	4.56	Multiple	Multiple
		8865597	Office Supplies	07/22/20	9.20	Multiple	Multiple
		8865597	Office Supplies	07/22/20	13.76	Multiple	Multiple
		8865597	Office Supplies	07/22/20	13.76	Multiple	Multiple
		8865597	Office Supplies	07/22/20	9.20	Multiple	Multiple
		8865597	Office Supplies	07/22/20	1.34	Multiple	Multiple

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		8918670	Office Supplies	07/24/20	1.99	Multiple	Multiple
		8918670	Office Supplies	07/24/20	.40	Multiple	Multiple
		8918670	Office Supplies	07/24/20	.80	Multiple	Multiple
		8918670	Office Supplies	07/24/20	1.19	Multiple	Multiple
		8918670	Office Supplies	07/24/20	1.19	Multiple	Multiple
		8918670	Office Supplies	07/24/20	.80	Multiple	Multiple
		8918670	Office Supplies	07/24/20	.11	Multiple	Multiple
		8949002	Office Supplies	07/24/20	76.71	Multiple	Multiple
		8949002	Office Supplies	07/24/20	15.24	Multiple	Multiple
		8949002	Office Supplies	07/24/20	30.73	Multiple	Multiple
		8949002	Office Supplies	07/24/20	45.98	Multiple	Multiple
		8949002	Office Supplies	07/24/20	45.98	Multiple	Multiple
		8949002	Office Supplies	07/24/20	30.73	Multiple	Multiple
		8949002	Office Supplies	07/24/20	4.50	Multiple	Multiple
		9084470	Marina - Cleaning Supplies	07/29/20	125.20	45533	08/24/20
		9127081	Marina Supplies - Dog Bags	07/29/20	290.12	45533	08/24/20
		9289249	Marina - Cleaning Supplies	08/06/20	349.68	45533	08/24/20
		9360107	Office Supplies	08/07/20	37.14	45533	08/24/20
		9360107	Office Supplies	08/07/20	7.38	45533	08/24/20
		9360107	Office Supplies	08/07/20	14.88	45533	08/24/20
		9360107	Office Supplies	08/07/20	22.26	45533	08/24/20
		9360107	Office Supplies	08/07/20	22.26	45533	08/24/20
		9360107	Office Supplies	08/07/20	14.88	45533	08/24/20
		9360107	Office Supplies	08/07/20	2.17	45533	08/24/20
Total 1818:					1,397.92		
1827							
1827	Rae's Dayz Diner & Cakery, LLC	OR SMALL B	Oregon small business reimbursement request	08/24/20	3,527.70	45535	08/24/20
		REVIT2020	Downtown Revit. Grant Program-Reimbursment	08/01/20	4,877.25	Multiple	Multiple
Total 1827:					8,404.95		
1849							
1849	Recorded Books, LLC	76672723	Books on Tape for Library	07/07/20	23.39	Multiple	Multiple
		76675737	Books on Tape for Library	07/16/20	152.96	Multiple	Multiple
		76688064	Books on Tape for Library	08/03/20	139.47	45536	08/24/20
Total 1849:					315.82		
1943							
1943	Sanitary Disposal, Inc.	MAY2020	Refuse Collection	06/01/20	72,730.72	Multiple	Multiple
		MAY2020	Refuse Collection	06/01/20	738.35	Multiple	Multiple
		MAY2020	Discount	06/01/20	11,755.05-	Multiple	Multiple
Total 1943:					61,714.02		
1944							
1944	Sanitary Disposal, Transfer St	663970	Bio Solids	07/15/20	146.45	45540	08/24/20
		664008	Bio Solids	08/15/20	153.07	45540	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		666041	Bio Solids	07/28/20	153.84	45540	08/24/20
		666056	Bio Solids	07/28/20	155.62	45540	08/24/20
		666098	Bio Solids	07/28/20	150.02	45540	08/24/20
		666107	Bio Solids	07/28/20	155.37	45540	08/24/20
		666143	Bio Solids	07/29/20	155.62	45540	08/24/20
		666158	Bio Solids	07/29/20	156.39	45540	08/24/20
		666170	Bio Solids	07/29/20	163.52	45540	08/24/20
		666184	Bio Solids	07/29/20	162.50	45540	08/24/20
		666198	Bio Solids	07/29/20	155.37	45540	08/24/20
		666459	Bio Solids	07/31/20	122.51	45540	08/24/20
		666471	Baseball dugouts at Hash and Nugent Parks	07/31/20	76.16	45540	08/24/20
Total 1944:					1,906.44		
1977							
1977	Seder Architecture + Urban Des,	12	Umatilla Business Center	08/10/20	5,907.84	45541	08/24/20
		12	Umatilla Business Center	08/10/20	5,907.84	45541	08/24/20
Total 1977:					11,815.68		
2021							
2021	Simplot Grower Solutions	757124197	Street Maint. Weed Control	07/29/20	281.00	45542	08/24/20
Total 2021:					281.00		
2059							
2059	Smitty's Ace Hardware	633386	marking paint	07/17/20	10.00	Multiple	Multiple
		633984	maint. supplies for Parks	07/23/20	245.60	Multiple	Multiple
		634213	marina Supplies	07/27/20	125.41	Multiple	Multiple
		634641	Park Supplies	08/03/20	124.94	45543	08/24/20
		634642	Park Supplies	08/03/20	31.97	45543	08/24/20
		635385	Water Dept. Supplies	08/14/20	7.18	45543	08/24/20
Total 2059:					545.10		
2076							
2076	Specks Printing	8157	Business Cards Police Dept.	08/11/20	130.00	45544	08/24/20
Total 2076:					130.00		
2148							
2148	Talos Engineering, Inc.	1553	PDX63 Control System WW	07/21/20	4,310.75	Multiple	Multiple
		1556	lightning Damage Golf Well	07/21/20	3,037.90	Multiple	Multiple
		1557	Golf Booster Storm Damage	07/21/20	3,158.75	Multiple	Multiple
		1558	water dept. alarm	07/21/20	5,519.50	Multiple	Multiple
		1559	ww programming regulatory compliance	07/21/20	5,631.70	Multiple	Multiple
		1560	lightning Damage Materials	07/21/20	1,903.47	Multiple	Multiple

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2148:					23,562.07		
2171							
2171	Territorial Supplies, Inc.	14459	Hat and Pins	07/28/20	564.93	45545	08/24/20
Total 2171:					564.93		
2185							
2185	The Police and Sheriffs Press	136977	ID Cards	08/14/20	17.55	45546	08/24/20
Total 2185:					17.55		
2264							
2264	Umatilla Chamber of Commerce	Q1-2020	2ND QTR 2020 Support and TRT Dist	08/01/20	5,317.24	Multiple	Multiple
		Q1-2020	2ND QTR 2020 SUPPORT AND TRT DIST	08/01/20	5,250.00	Multiple	Multiple
Total 2264:					10,567.24		
2273							
2273	Umatilla County Finance Dept	AUGUST202	County Assessment	08/19/20	2,921.72	45547	08/24/20
Total 2273:					2,921.72		
2281							
2281	Umatilla Elect. Coop. Assoc.	4907AUGUS	Lights for Waterfall	07/01/20	42.19	45548	08/24/20
		6190AUGUS	60 HP Sewer Pump	07/01/20	39.73	45548	08/24/20
		6190AUGUS	Street Lights	07/01/20	70.00	45548	08/24/20
		7215AUGUS	5 HP Sewer Pump	07/01/20	47.28	45548	08/24/20
		7215AUGUS	Street Lights	07/01/20	64.86	45548	08/24/20
Total 2281:					264.06		
2287							
2287	Umatilla Museum & Historical Fo	FY20-21	FY20-21 Support	08/01/20	5,000.00	Multiple	Multiple
Total 2287:					5,000.00		
2293							
2293	Unifirst Corporation	1430273415	Bldg Maint/Supplies CH/Library	07/24/20	44.93	Multiple	Multiple
		1430273415	Bldg Maint/Supplies CH/Library	07/24/20	69.60	Multiple	Multiple
		1430273415	Bldg Maint/Supplies CH/Library	07/24/20	69.60	Multiple	Multiple
		1430273946	Bldg Maint/Supplies CH/Library	07/31/20	44.93	Multiple	Multiple
		1430273946	Bldg Maint/Supplies CH/Library	07/31/20	69.60	Multiple	Multiple
		1430273946	Bldg Maint/Supplies CH/Library	07/31/20	69.60	Multiple	Multiple

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2293:					368.26		
2295							
2295	Uni-Tech Communications Inc.	14021	phone system	07/27/20	557.32	Multiple	Multiple
Total 2295:					557.32		
2299							
2299	UNITED RENTALS INC	183147058	Equipment Rental-Water Service Install	07/23/20	225.62	Multiple	Multiple
Total 2299:					225.62		
2307							
2307	UPS	84WV8310	Police Postage	08/01/20	17.35	45549	08/24/20
		84WV8320	Police Postage	08/08/20	46.51	45549	08/24/20
Total 2307:					63.86		
2311							
2311	US Bank	1641057	Sewer Bond Payment	08/19/20	250,000.00	45550	08/24/20
		1641057	Sewer Bond Payment	08/19/20	10,148.60	45550	08/24/20
Total 2311:					260,148.60		
2314							
2314	USA Bluebook Inc.	291840	Water Department Supplies	07/10/20	136.42	Multiple	Multiple
Total 2314:					136.42		
2337							
2337	Verizon Wireless	9858809463	Cell Phone Administrator	07/15/20	172.34	Multiple	Multiple
		9859922236	Police Cell Phones	08/02/20	1,132.31	45551	08/24/20
		9859922236	Public Works Phones	08/02/20	174.03	45551	08/24/20
		9859922236	Public Works Phones	08/02/20	174.03	45551	08/24/20
Total 2337:					1,652.71		
2374							
2374	Watch Guard Video	4REINV0011	Police Dept In Car Camera	07/01/20	5,370.00	Multiple	Multiple
Total 2374:					5,370.00		
2422							
2422	Wilde Electric	B4022	Rebuild McNary Lift Station Pump	08/12/20	957.00	45553	08/24/20
Total 2422:					957.00		
2504							
2504	Mount's Lock & Key	244219	Marina Bathroom Locks	08/07/20	3,039.75	45522	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2504:					3,039.75		
2541							
2541	FCS Group	3034-220070	Construction Excise Tax	07/17/20	1,310.00	45390	08/06/20
Total 2541:					1,310.00		
2564							
2564	Rose Hart Pest Control	28193	Indoor/Outdoor spider control	08/07/20	166.66	45539	08/24/20
		28193	Indoor/Outdoor spider control	08/07/20	166.67	45539	08/24/20
		28193	Indoor/Outdoor spider control	08/07/20	166.67	45539	08/24/20
Total 2564:					500.00		
2588							
2588	Visual Lab, Inc.	20655	Subscription fee-Body Cameras	08/03/20	6,600.00	Multiple	Multiple
		20692	Subscription Fee- Visual Labs Smartphone Body Camera	08/18/20	575.00	45552	08/24/20
Total 2588:					7,175.00		
2590							
2590	Keller Associates	5	Water Management and Conservation Plan	07/26/20	7,261.25	45406	08/06/20
Total 2590:					7,261.25		
2645							
2645	Sun Belt Rentals	102467054-0	for parks storm damage	06/20/20	1,191.65	Multiple	Multiple
Total 2645:					1,191.65		
2647							
2647	Pinnock, David Wayne	120	Park Concessionaire Services	08/15/20	6,500.00	45529	08/24/20
		Q2-2020	2nd QTR Revenue Sharing-RV Park/Campground	08/20/20	2,943.82	45529	08/24/20
Total 2647:					9,443.82		
2652							
2652	Hermiston Police Department	BODYARMO	Body Armor for SRO	07/28/20	600.00	45400	08/06/20
Total 2652:					600.00		
2695							
2695	Umpqua Research Company	T002237	Coliforms	05/27/20	240.00	Multiple	Multiple

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
		T002238	Lab Testing-Coliforms	05/27/20	30.00	45474	08/12/20
		T002654	Lab Testing-Coliforms Marina	07/28/20	30.00	Multiple	Multiple
		T002655	Coliforms	07/28/20	240.00	Multiple	Multiple
	Total 2695:				540.00		
2723							
2723	T Mobile	8369AUGUS	Library hotspots	07/21/20	123.64	Multiple	Multiple
	Total 2723:				123.64		
2751							
2751	Carla McLane Consulting, LLC.	UMA-2020-0	Consulting Services	08/01/20	1,237.50	45372	08/06/20
	Total 2751:				1,237.50		
2754							
2754	GreenPlay LLC	7035	Consulting Master Park Plan	08/10/20	6,468.00	45497	08/24/20
	Total 2754:				6,468.00		
2768							
2768	Tice Psy D, Lindsay	ALTONWILS	Police prehire interview/start of report	07/23/20	550.00	Multiple	Multiple
	Total 2768:				550.00		
2781							
2781	Roland Wampler Jr. Construction	2005	Kiwanis Walk Path	07/29/20	7,102.00	Multiple	Multiple
		2006	Kiwanis Restroom Sidewalk	06/29/20	6,850.00	Multiple	Multiple
	Total 2781:				13,952.00		
2797							
2797	Quadient Leasing USA, Inc.	N8433703	postage meter lease payment	08/12/20	193.50	45532	08/24/20
		N8433703	postage meter lease payment	08/12/20	193.50	45532	08/24/20
	Total 2797:				387.00		
2801							
2801	Job Tumbler, LLC	2010-278	Job Posting-WWTP Supervisor	08/12/20	2,500.00	45512	08/24/20
	Total 2801:				2,500.00		
2815							
2815	Rosales, Pablo	AUGUST202	Restitution	08/19/20	10.00	45538	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2815:					10.00		
2833							
2833	Rebman, Rick	923BARTON	City Rates Correction	07/28/20	1,459.95	Multiple	Multiple
Total 2833:					1,459.95		
2834							
2834	Wickstrom, David	500MONRO	Utility Rate Correction	07/28/20	1,949.05	Multiple	Multiple
Total 2834:					1,949.05		
2835							
2835	Collaborative Summer Library Pr	10776	Summer Reading Program	06/18/20	58.50	45376	08/06/20
Total 2835:					58.50		
2836							
2836	CXT Incorporated	376695RI	Kiwanis Restroom	07/22/20	125,338.45	45383	08/06/20
Total 2836:					125,338.45		
2837							
2837	Garcia, Raul	2020REIMB	utility overbill-reimbursement	08/01/20	625.54	45392	08/06/20
Total 2837:					625.54		
2838							
2838	Ecova, Inc.	6246THST	Utility Refund	08/01/20	296.40	45388	08/06/20
Total 2838:					296.40		
2839							
2839	Blue Mountain Telecommunicati	1041536	Hydrant Deposit Refund	08/01/20	1,287.79	45369	08/06/20
Total 2839:					1,287.79		
2840							
2840	Galindo, Pola	SLIPRELEA	Refund Pro-rated Moorage	07/07/20	289.69	45391	08/06/20
Total 2840:					289.69		
2841							
2841	Horn's Home Improvements	2018204	LIBRARY CARPET	07/10/20	864.43	45402	08/06/20
Total 2841:					864.43		
2842							
2842	R-2 Contractors	83567760	Hydrant Meter Rental-Deposit Refund	08/17/20	1,312.40	45534	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2842:					1,312.40		
2843							
2843	North Coast Electric	WARNER201	Overpayment Charles O. Warner Jr. 201106	08/19/20	50.00	45525	08/24/20
Total 2843:					50.00		
2844							
2844	Martin's Feed	CORTESRA	Overpayment Miguel Cortes Ramos 201168	08/19/20	385.00	45521	08/24/20
Total 2844:					385.00		
2845							
2845	Inderpreet Singh	201217SING	Overpayment Inderpreet Singh 201217	08/19/20	215.00	45505	08/24/20
Total 2845:					215.00		
2846							
2846	Harpreet S. Mangat	MANGAT200	Overpayment Harpreet S. Mangat 200677	08/19/20	38.00	45500	08/24/20
Total 2846:					38.00		
2847							
2847	Ronald W. Moore	MOORE2012	Overpayment Ronald W. Moore 201244	08/19/20	38.00	45537	08/24/20
Total 2847:					38.00		
2848							
2848	Douglas G. Hartley	HARTLEY20	Overpayment Douglas G. Hartley 201150	08/19/20	38.00	45488	08/24/20
Total 2848:					38.00		
2849							
2849	Marlon A Da Cunha	DACUNHA20	Overpayment Marlon A. Da Cunha 200995	08/19/20	50.00	45520	08/24/20
Total 2849:					50.00		
2850							
2850	Joel Z. Ahlberg	AHLBERG20	Overpayment Joel Q. Ahlberg 201272	08/19/20	38.00	45513	08/24/20
Total 2850:					38.00		
2851							
2851	Global Transportation LLC.	KORCHUEV	Overpayment Ranita Korchueva 201114	08/19/20	30.00	45494	08/24/20

Vendor Number	Name	Invoice Number	Description	Invoice Date	Invoice Amount	Check Number	Check Issue Date
Total 2851:					30.00		
2852							
2852	City of Umatilla	21026002AU	Extra Refuse Marina	08/19/20	55.30	45482	08/24/20
Total 2852:					55.30		
2853							
2853	Fruteria Piqui	OR SMALL B	Oregon small business reimbursement request	08/24/20	2,500.00	45493	08/24/20
Total 2853:					2,500.00		
2854							
2854	Lite "em Up BBQ	OR SMALL B	Or. Small Business Reimbursement	08/24/20	5,000.00	45518	08/24/20
Total 2854:					5,000.00		
2855							
2855	Be.You.Tiful Hair by Melissa	OR. SMALL	Or. Small Business Reimbursment	08/24/20	2,500.00	45477	08/24/20
Total 2855:					2,500.00		
2856							
2856	James' Barber Shop	OR. SMALL	Oregon Small Business Reimbursement	08/24/20	2,500.00	45509	08/24/20
Total 2856:					2,500.00		
Grand Totals:					836,281.17		

Report Criteria:

Detail report type printed

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: RESOLUTION NO. 10-2021 - A resolution authorizing the city manager to sign an intergovernmental agreement between the City of Umatilla and the Department of Land Conservation and Development to update the Umatilla County natural hazards mitigation plan.	Meeting Date: 2020-09-01
--	------------------------------------

Department: Community Development	Director: Brandon Seitz	Contact Person: Brandon Seitz	Phone Number: 541-922-3226
---	-----------------------------------	---	--------------------------------------

Cost of Proposal: NA	Fund(s) Name and Number(s): N/A
Amount Budgeted: NA	

Reviewed by Finance Department: Yes	Previously Presented: July 21, 2020
---	---

Attachments to Agenda Packet Item:

[Resolution 10-2021 \(NHMP Update\).docx](#)

[City of Umatilla IGA NHMP.docx](#)

Summary Statement: Staff recommends approval of Resolution No. 10-2021
--

Consistent with Council Goals: Goal 3: Enhance and Cultivate Relationships and Partnerships.
--

RESOLUTION NO. 10-2021

A RESOLUTION AUTHORIZING THE CITY MANAGER TO SIGN AN INTERGOVERNMENTAL AGREEMENT BETWEEN THE CITY OF UMATILLA AND THE DEPARTMENT OF LAND CONSERVATION AND DEVELOPMENT TO UPDATE THE UMATILLA COUNTY NATURAL HAZARDS MITIGATION PLAN

WHEREAS, Umatilla County’s “County” existing 2014 Natural Hazards Mitigation Plan “NHMP” expired in 2019 and included the City of Umatilla “City” as an addendum; and

WHEREAS, the Department of Land Conservation and Development “DLCD” has received a Hazard Mitigation Grant Program award to assist Umatilla County, Cities, and special districts with updating the County NHMP; and

WHEREAS, the execution of an intergovernmental agreement will formalize a working relationship between the State of Oregon acting by and through DLCD and the City; and

WHEREAS, the City is aware that the grant supporting this project requires the City must not only consider, but also adopt an NHMP that FEMA has agreed to approve; and

WHEREAS, an updated NHMP will ensure the County, City and special districts maintain eligibility for federal disaster-related funding.

NOW THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF UMATILLA:

1. The City Manager is authorized to sign an Intergovernmental Agreement between the State of Oregon acting by and through its Department of Land Conservation and Development and the City of Umatilla to update the Umatilla County Natural Hazards Mitigation Plan.

PASSED by the City Council and **SIGNED** by the Mayor this 1st day of September, 2020.

Mary Dedrick, Mayor

ATTEST:

Nanci Sandoval, City Recorder

INTERGOVERNMENTAL AGREEMENT

This Agreement is between the State of Oregon acting by and through its Department of Land Conservation and Development (“DLCD”) and the City of Umatilla (“City”), each a “Party.”

1. Authority

This Agreement is authorized by ORS 190.110.

2. Effective Date

This Agreement is effective on the date of the last signature (“Effective Date”), and terminates on December 31, 2021 unless terminated earlier.

3. Background

Natural disasters occur when natural hazard events impact people, structures, and the environment. The dramatic increase in the costs associated with natural disasters over the past decades has fostered interest in identifying and implementing effective means of reducing these impacts. Natural hazards mitigation planning is a process for identifying and understanding the hazards facing a jurisdiction and prioritizing actions the jurisdiction can take to reduce injuries and deaths; damage to buildings, critical facilities, and infrastructure; interruption in essential services; economic hardship; and environmental harm. Reducing impacts also speeds up recovery and lowers its cost.

The Federal Emergency Management Agency (FEMA) approves Natural Hazards Mitigation Plans (NHMPs) meeting federal requirements at 44 CFR 201. Approval lasts five years. Having a current, FEMA-approved NHMP is a key factor in establishing eligibility for certain FEMA grants that fund natural hazards mitigation planning and projects.

Umatilla County’s NHMP was valid through May 21, 2019. DLCD has received a Hazard Mitigation Grant Program (HMGP) award to assist Umatilla County, Cities, and special districts (“Jurisdictions”) with updating the Umatilla County NHMP. The grant’s performance period is from May 2, 2019 through July 31, 2023.

4. Purpose

The purposes of this Intergovernmental Agreement are to:

- (a) Formalize a working relationship between DLCD and the City that is to result in an updated Umatilla County NHMP adopted and approved by FEMA;
- (b) Ensure the City is aware that the grant supporting this project requires the final deliverable to be a FEMA-approved NHMP, and that to achieve FEMA approval the City must not only consider, but also adopt an NHMP that FEMA has agreed to approve; and
- (c) Ensure the City is aware of its responsibility to contribute financially to the Project using non-federal funds, and to track, document, and report its cost share as required.

5. Responsibilities of Parties

(a) Responsibilities of DLCD.

DLCD will provide financial, administrative, and technical assistance to the Natural Hazards Mitigation Plan ("NHMP" or "Plan") Update project described in Exhibit A, Scope of Work, which is incorporated into and made part of this Agreement.

Specific DLCD responsibilities include:

- i. Organizing, leading and managing the planning process;
- ii. Writing the Plan; and
- iii. Administering grant funds.

(b) Responsibilities of City.

City shall appoint one of its Steering Committee members to lead the project in partnership with DLCD's Project Manager.

Specific Project responsibilities of the City Lead include:

- i. Assisting DLCD with organizing, leading, and managing the planning process;
- ii. Providing County Assessor's data;
- iii. Providing GIS services;
- iv. Carrying out other responsibilities enumerated in Section 5(c);
- v. Performing any other Project work assigned to the City by Exhibit A.

(c) Responsibilities of the Jurisdictions:

The Jurisdictions will each appoint a Steering Committee member and alternate who already have or have been delegated decision-making authority for this Project.

Specific Project responsibilities of the Jurisdictions include:

- i. Attending and actively participating in Steering Committee meetings;
- ii. Providing data and information;
- iii. Engaging with internal and external stakeholders;
- iv. Executing the Project's public engagement program;
- v. Shepherding the plan through the public adoption process;
- vi. Tracking, accurately documenting, and reporting cost share as required;
- vii. Adopting a Plan that FEMA has agreed to approve; and
- viii. Performing any other Project work assigned to County, Cities, Districts, and Tribes by Exhibit A.

6. Compensation and Costs

The City shall assume its own costs of carrying out the tasks and responsibilities assigned to it under this Agreement.

FEMA does not permit DLCD to sub-grant funds to local or tribal governments. Therefore, DLCD will use the grant funds to provide consulting and technical assistance to the Jurisdictions to complete the update.

The federal grant supporting the Project requires a 25% cost share from non-federal funds. The County, Cities, and special districts shall commit to providing and documenting cash, in-kind, or a combination of both as its portion of the required 25% cost share.

7. Project Contacts

The designees named below shall be the contacts for all the work and services to be performed under this Agreement. A Party may designate a new contact by written notice to the other Parties.

<p>DLCD's Project Contact is:</p> <p>Tricia Sears Natural Hazards Planner Oregon Department of Land Conservation and Development 635 Capitol St NE, Suite 150 Salem, OR 97301 503-934-0031 Tricia.sears@state.or.us</p>	<p>City of Umatilla's Project Contact is:</p> <p>Brandon Seitz Community Development Director City of Umatilla Umatilla, OR 97882 541-922-3226 ext. 103 (office) brandon@umatilla-city.org</p>
---	---

8. Termination

- (a) This Agreement may be terminated at any time by mutual written agreement of the Parties.
- (b) This Agreement may be terminated by either Party with 30 days advance written notice.

9. Non-Discrimination

In carrying out activities under this Agreement, no Party shall discriminate against any employee or applicant for employment because of race, color, religion, sex, sexual orientation, national origin, disability, marital status, veteran status, disability or age. Each Party shall take affirmative actions to ensure that applicants for employment are employed and that employees are treated during employment, without regard to their race, color religion, sex, sexual orientation, national origin, disability, marital status, veteran status, disability or age. Such action shall include but not be limited to the following: employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff of termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship.

10. Non-Appropriation

DLCD's obligation to perform its duties under this Agreement is conditioned upon DLCDC receiving funding, appropriations, limitations, allotments, or other expenditure authority sufficient to allow DLCDC, in the exercise of its reasonable administrative discretion, to meet its obligations under this Agreement. Nothing in this Agreement may be construed as permitting any violation of Article XI, Section 7 of the Oregon Constitution or any law limiting the activities, liabilities or monetary obligations of DLCDC.

11. Representations and Warranties

The CITY represents and warrants that the making and performance by the CITY of this Agreement:

- (a) Have been duly authorized by the CITY;
- (b) Do not and will not violate any provision of any applicable law, rule, regulation, or order of any court, regulatory commission, board, or other administrative agency or any provision of the City's charters or other organizational documents; and
- (c) Do not and will not result in the breach of, or constitute a default or require any consent under any other agreement or instrument to which the City is a party or by which the City may be bound or affected.

No authorization, consent, license, approval of, or filing or registration with or notification to any governmental body or regulatory or supervisory authority is required with or notification to any governmental body or regulatory or supervisory authority is required for the execution, delivery or performance by the City of this Agreement, other than those that have already been obtained.

12. Records

Parties and their duly authorized representatives shall have access to the books, documents, and records which are directly pertinent to Agreement for the purpose of making audit, examination, excerpts, and transcript. This does not require either Party to provide documents that are legally privileged or otherwise exempt from disclosure under the Oregon Public Records Law, ORS 192.311 to 192.478.

13. Contribution

If any third party makes any claim or brings any action, suit or proceeding alleging a tort as now or hereafter defined in ORS 30.260 (a "Third Party Claim") against a Party (the "Notified Party") with respect to which the other Party (the "Other Party") may have liability, the Notified Party shall promptly notify the Other Party in writing of the Third Party Claim and deliver to the Other Party, along with the written notice, a copy of the claim, process and all legal pleadings with respect to the Third Party Claim that have been received by the Notified Party. Each Party is entitled to participate

in the defense of a Third Party Claim, and to defend a Third Party Claim with counsel of its own choosing. Receipt by the Other Party of the notice and copies required in this Section and a meaningful opportunity for the Other Party to participate in the investigation, defense and settlement of the Third Party Claim with counsel of its own choosing are conditions precedent to the Other Parties' contribution obligation under this Agreement with respect to the Third Party Claim.

With respect to a Third Party Claim for which DLCD is jointly liable with the Notified Party (or would be if joined in the Third Party Claim), DLCD shall contribute to the amount of expenses (including attorney fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by the Notified Party in such proportion as is appropriate to reflect the relative fault of DLCD on the one hand and of the Notified Party on the other hand in connection with the events that resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of DLCD on the one hand and of the Notified Party on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information, and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. DLCD's contribution amount in any instance is capped to the same extent it would have been capped under Oregon law if the State had sole liability in the proceeding.

With respect to a Third Party Claim for which a Party is jointly liable with DLCD (or would be if joined in the Third Party Claim), the Other Party or Parties shall contribute to the amount of expenses (including attorney fees), judgments, fines and amounts paid in settlement actually and reasonably incurred and paid or payable by DLCD in such proportion as is appropriate to reflect the relative fault of the Other Party or Parties on the one hand and of DLCD on the other hand in connection with the events that resulted in such expenses, judgments, fines or settlement amounts, as well as any other relevant equitable considerations. The relative fault of the Other Party or Parties on the one hand and of DLCD on the other hand shall be determined by reference to, among other things, the Parties' relative intent, knowledge, access to information and opportunity to correct or prevent the circumstances resulting in such expenses, judgments, fines or settlement amounts. The Other Party's or Parties' contribution amount in any instance is capped to the same extent it would have been capped under Oregon law if it had sole liability in the proceeding.

14. Subcontracting and Assignment

The City acknowledges that DLCD intends to hire contractors to perform tasks and responsibilities related to the deliverables listed in the Scope of Work, Exhibit A to this Agreement. The City shall not enter into any subcontract for any other work listed under this Agreement without written consent of DLCD.

15. Governing Law, Consent to Jurisdiction

This Agreement shall be governed by and construed in accordance with the laws of the State of Oregon without regard to principles of conflicts of law. Any claim, action, suit or proceeding (collectively "Claim") between DLCD or any other agency or department of the State of Oregon, or

both, and the City that arises from or relates to this Agreement shall be brought and conducted solely and exclusively within the Circuit Court of Marion County for the State of Oregon; provided, however, if a Claim must, as mandated by federal law, be brought in a federal forum, then unless otherwise prohibited by law it shall be brought and conducted solely and exclusively within the United States District Court for the District of Oregon. In no event shall this Section be construed as a waiver by any Party of any form of defense or immunity, whether sovereign immunity, governmental immunity, immunity based on the eleventh amendment to the Constitution of the United States or otherwise, to or from any Claim or from the jurisdiction of any court.

16. Indemnification

Except as provided in Section 13 of this Agreement, each Party shall defend, save, hold harmless, and indemnify the other Party and the other Party's agencies, subdivisions, officers, directors, employees and agents from and against all claims, suits, actions, losses, damages, liabilities, costs and expenses of any nature whatsoever (Claims), including attorney fees, resulting from, arising out of, or relating to the acts or omissions of the indemnifying Party's officers, employees, or agents under this Agreement. Any indemnity by DLCD under this Section shall be subject to the limitations of Article XI, Section 7 of the Oregon Constitution and the Oregon Tort Claims Act, 30.260 to 30.300. Any indemnity by the County shall be subject to the limitations of Article XI, Section 12 of the Oregon Constitution and the Oregon Tort Claims Act, ORS 30.260 to 30.300.

17. Insurance

Each Party shall be responsible for providing workers' compensation insurance as required by law for its covered workers. Neither Party shall be required to provide or show proof of self-insurance, workers' compensation or any other insurance coverage.

18. Severability

If any term or provision of this Agreement is declared by a court of competent jurisdiction to be illegal or in conflict with any law, the validity of the remaining terms and provisions shall not be affected, and the rights and obligations of the Parties shall be construed and enforced as if the Agreement did not contain the particular term or provision held to be invalid. In such event, the Parties intend that the conflict not invalidate the other provisions of this Agreement and the Parties shall negotiate in good faith to agree on replacement language for the offending term or provision that will be consistent with the purposes of this Agreement.

19. Compliance With Law

In connection with their activities under this Agreement, the Parties shall comply with all applicable federal, state and local law.

20. Force Majeure

Neither Party shall be held responsible for delay or default caused by fire, riot, acts of God, and war which are beyond its reasonable control. The affected Party shall, however, make all reasonable efforts to remove or eliminate such a cause of delay or default and shall, upon cessation of the cause, diligently pursue performance of its obligations under this Agreement.

21. No Third Party Beneficiary

DLCD and the City are the only Parties to this Agreement and are the only Parties entitled to enforce its terms. Nothing contained in Agreement gives or shall be construed to give or provide any benefit, direct, indirect, or otherwise, to third parties. The contractors retained by DLCD are expressly excluded as parties or beneficiaries to this Agreement and are barred from enforcing the terms of this Agreement.

22. Merger, Waiver and Modification

This Agreement and all exhibits and attachments, if any, constitute the entire agreement between the Parties on the subject matter hereof. There are no understandings, agreements, or representations, oral or written, not specified herein regarding this Agreement. No waiver or consent under this Agreement binds either Party unless in writing and signed by both Parties. Such waiver or consent, if made, is effective only in the specific instance and for the specific purpose given. EACH PARTY, BY SIGNATURE OF ITS AUTHORIZED REPRESENTATIVE, HEREBY ACKNOWLEDGES THAT IT HAS READ THIS AGREEMENT, UNDERSTANDS IT, AND AGREES TO BE BOUND BY ITS TERMS AND CONDITIONS.

23. Amendments

The terms of this Agreement may not be altered, modified, supplemented or otherwise amended, except by written agreement of the Parties. Any amendment to this Agreement shall require the signatures of the approving authorities of both Parties.

24. Acknowledgment of Funds and Copyright

(a) Acknowledgment of Funds.

Both Parties shall acknowledge their use of federal funding when issuing statements, press releases, requests for proposals, bid invitations, and other documents describing projects or programs funded in whole or in part with federal funds.

(b) Copyright.

Both Parties must affix the applicable copyright notices of 17 USC Section 401 or 402 and an acknowledgment of Government sponsorship (including sub-grant number) to any work first produced under a federal award unless the work includes any information that is otherwise

controlled by the Government (e.g., classified information or other information subject to national security or export control laws or regulations). For any scientific, technical, or other copyright work based on or containing data first produced under this Agreement, including those works published in academic, technical or professional journals, symposia proceedings, or similar works, Parties grant the Government a royalty-free, nonexclusive and irrevocable license to reproduce, display, distribute copies, perform, disseminate, or prepare derivative works, and to authorize others to do so, for Government purposes in all such copyrighted works.

25. Survival

All provisions concerning the limitation of liability, indemnity, and conflicts of interest shall survive the termination of this Agreement for any cause.

26. Interpretation

The Parties agree that the provisions of this Agreement shall not be construed in favor of or against any Party based on the source of its drafting or any other circumstances.

27. Counterparts

This Agreement may be executed in several counterparts, all of which when taken together shall constitute one agreement, notwithstanding that both Parties are not signatories to the same counterpart. Each copy of the Agreement so executed constitutes an original.

IN WITNESS WHEREOF, the Parties have executed this Agreement as of the dates set forth below.

CITY OF UMATILLA

David Stockdale, City Manager

Date

DEPARTMENT OF LAND CONSERVATION AND DEVELOPMENT (DLCD)

Jim Rue, Director

Date

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: SDC Public Hearing	Meeting Date: 2020-09-01
--	------------------------------------

Department: Finance & Administrative Services	Director: Melissa Ince	Contact Person: Melissa Ince	Phone Number:
---	----------------------------------	--	----------------------

Cost of Proposal: N/A	Fund(s) Name and Number(s): N/A
Amount Budgeted: N/A	

Reviewed by Finance Department: Yes	Previously Presented: N/A
---	-------------------------------------

Attachments to Agenda Packet Item:

[9-1-20 SDC Public Hearing v5.pdf](#)

[RES FX-2021.docx](#)

[Res FX-2021 Fee Schedule.pdf](#)

Summary Statement: No Action Needed

Consistent with Council Goals: Goal 2: Promote Economic Development and Job Growth.



SDC Public Hearing



Doug Gabbard, Project Manager
Wyatt Zimbelman, Senior Analyst

September 1, 2020





Key Characteristics of SDCs

- SDCs are one-time charges, not ongoing rates.
- Properties which are already developed do not pay SDCs unless they “redevelop”.
- SDCs are for capital only, in both their calculation and in their use.
- SDCs include both future and existing cost components.
- SDCs are for general facilities, not local facilities.

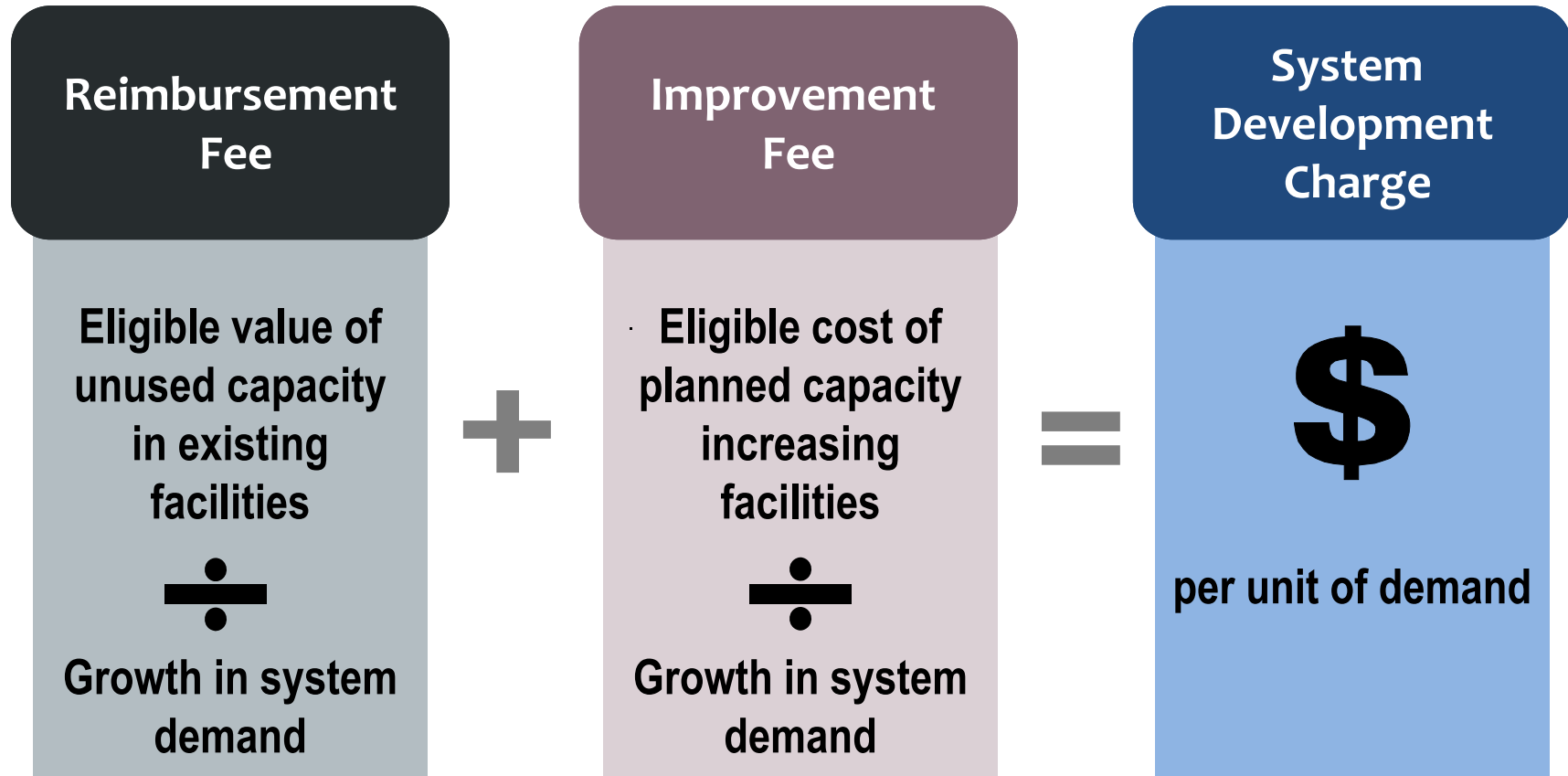


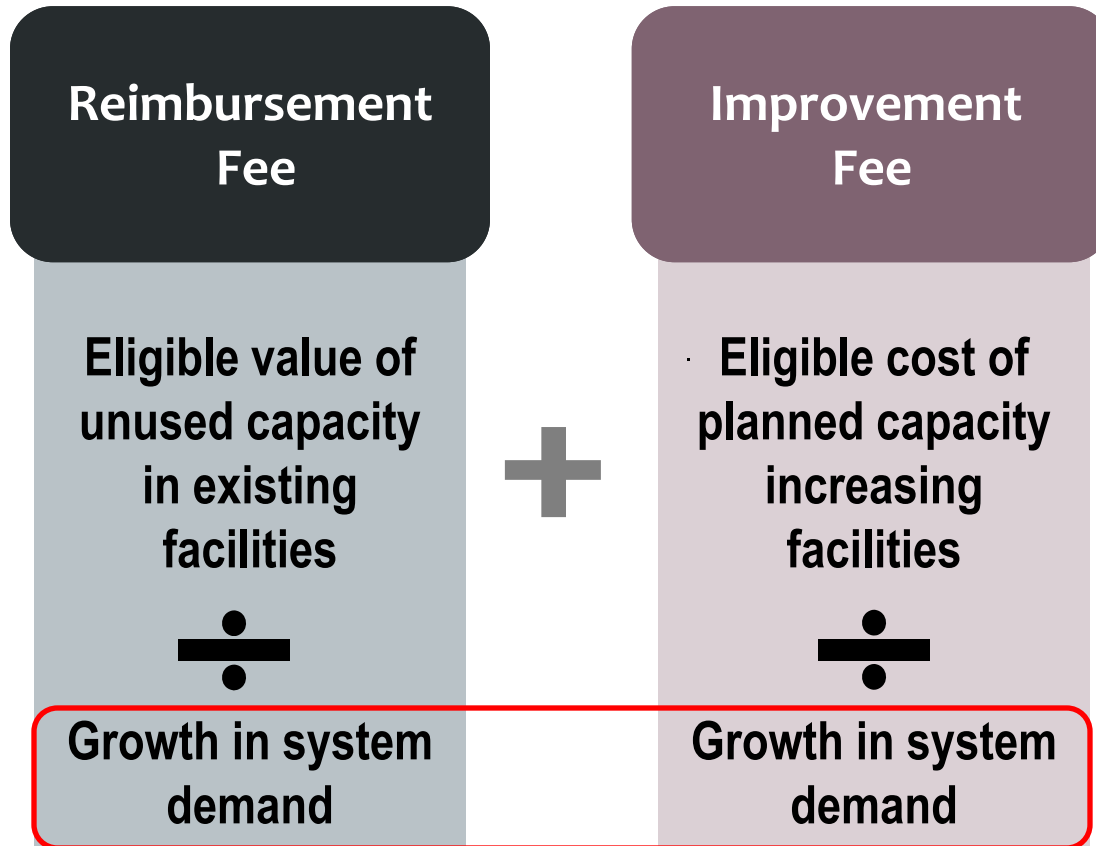
Legal Framework for SDCs

ORS 223.297 - 314, known as *the SDC Act*, provides “a uniform framework for the imposition of system development charges by governmental units” and establishes “that the charges may be used only for capital improvements.”



The SDC Calculation





- **Determine units**
- **Determine current customer base**
- **Project customer base into future**
 - » Master plan or other forecast
 - » Consistency with project list
- **Future – current = growth**



Growth Calculation

Customer Count	2020	Expanded WWTP Capacity ¹	Growth (2020-Capacity)
Equivalent Residential Units (ERUs) ²	2,951	7,304	4,354
Meter Capacity Equivalents (MCEs) ³	2,142	5,303	3,161

¹ 2018 Umatilla Beneficial Reuse Feasibility Analysis estimate of 1.68 MGD capacity

² 1997 Umatilla Wastewater Study definition - 1 ERU per SF account, 0.86 ERU per MF unit, Nonresidential ERU = 7,000 gallons/month

³ Based on water customer billing statistics

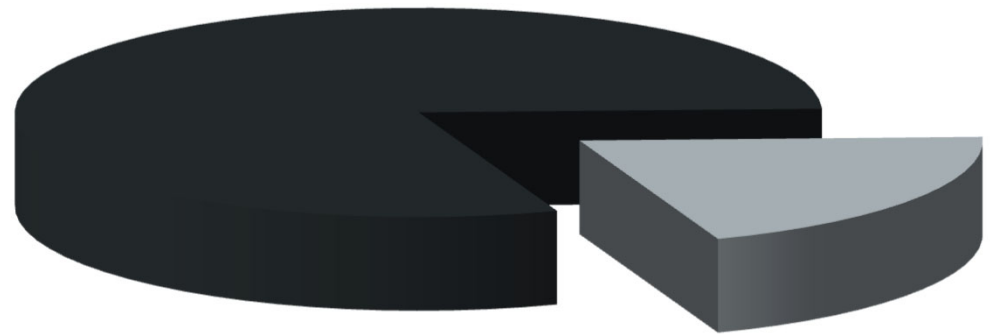


Reimbursement Fee Cost Basis



Sample Existing Facilities Cost

reimbursement fee eligible



Unused Capacity



Reimbursement Fee

- **Does the current system capacity exceed the current demand?**
 - » Current system includes construction in process
- **Determine original cost of facilities (or portion of facilities) that exceed demand**
- **Reduce cost basis to avoid over-reimbursement**
 - » Principal of outstanding debt
 - » Grant-funded assets
- **Divide by growth to determine reimbursement fee per unit of growth**
- **The payoff: flexibility in spending reimbursement fees**



Water Reimbursement Fee Cost Basis

Asset Class	Asset Original Cost Net of Debt	Available Capacity	Cost of Unused Capacity
Supply	\$3,537,159	15.6%	\$550,599
Pumping	\$46,704	15.6%*	\$7,270
Distribution	\$1,593,003	15.6%*	\$247,969
Total Eligible Assets			\$805,838

*Assumes distribution system and pumping is sized to meet current supply



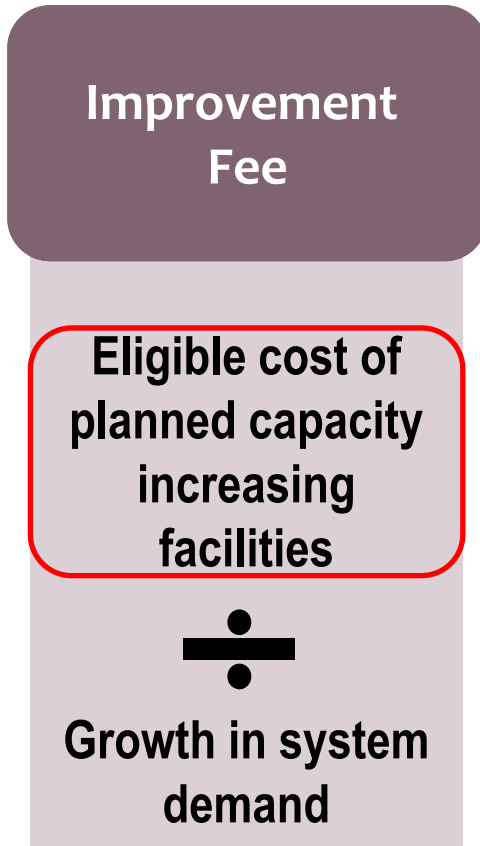
Wastewater Reimbursement Fee Cost Basis

Asset Class	Asset Original Cost Net of Debt	Available Capacity	Cost of Unused Capacity
Treatment	\$9,662,642	18.7%	\$1,808,920
Pumping	\$86,955	18.7%*	\$16,279
Collection	\$2,387,683	18.7%*	\$446,993
Total Eligible Assets			\$2,272,192

*Assumes collection system and pumping is sized to meet current treatment capacity



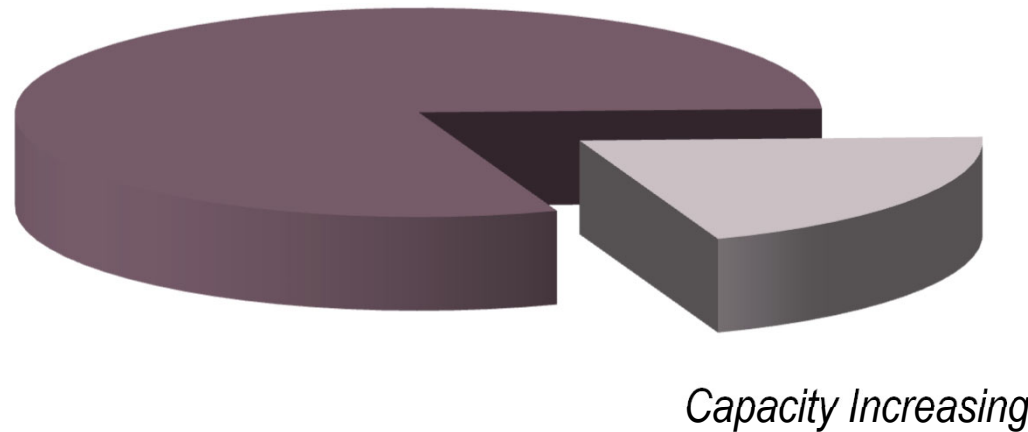
Improvement Fee Cost Basis



Sample Planned Capital Costs

improvement fee eligible

To Serve Existing Customers





Improvement Fee

- **Determine total project costs to your agency**
 - » Do not include costs borne by another agency
 - » Maintain consistency with growth
- **Determine improvement fee eligibility**
 - » Portion of project's capacity that will be used by new users of the asset during planning period
 - » Improvement fee eligibility is lowered if deficiency exists
 - » By project or by category
- **Divide by growth to determine improvement fee per unit of growth**



Water Capital Improvement Plan

Water Capital Projects	2020 Project Cost	Costs Borne by Non-City Funds	Net City Costs	SDC Eligible	SDC Eligible Portion of Costs	Timing
Capital Outlay						
Well & Pump Repairs - SDC Funded	\$ 772,705	\$ -	\$ 772,705	100.0%	\$ 772,705	FY 2019-20
Water Systems Improvements or Repairs	2,059,250	-	2,059,250	50.0%	1,029,625	FY 2019-20
Develop Water Rights	150,000	-	150,000	100.0%	150,000	FY 2019-20
Replace Electronic Meters	150,000	-	150,000	0.0%	-	FY 2019-20
Replace Hydrants	50,000	-	50,000	0.0%	-	FY 2019-20
Capital Projects Identified by Staff						
SW Industrial Park	3,000,000	750,000	2,250,000	100.0%	2,250,000	0-5 Years
Water Rights	750,000	375,000	375,000	100.0%	375,000	0-5 Years
Connecting New Wells to System	4,000,000	1,000,000	3,000,000	100.0%	3,000,000	6-10 Years
395 Corridor	1,300,000	325,000	975,000	100.0%	975,000	0-5 Years
Total	\$ 12,231,955	\$ 2,450,000	\$ 9,781,955		\$ 8,552,330	



Water Improvement Fee Cost Basis

Asset Class	Cost
Number of Projects	9
Total City-Funded Project Costs ¹	\$9,781,955
<i>Eligible Portion²</i>	87.43%
Total Eligible Project Costs	\$8,552,330

¹ Excludes grant funding

² Project eligibility estimates provided by City Staff



Wastewater Capital Improvement Plan

Wastewater Capital Projects	2020 Project Cost	Costs Borne by Non-City Funds	Net City Costs	SDC Eligible	SDC Eligible Portion of Costs	Timing
2018 Umatilla Beneficial Reuse Feasibility Analysis						
<i>Near Term Projects</i>						
Industrial Cooling Tower IWW Flow	\$ 2,600,000	\$ 2,342,420	\$ 257,580	100.0%	\$ 257,580	0-5 Years
<i>Mid Term Projects</i>						
395 Corridor Wastewater Facilities (Interim)	7,353,040	2,205,912	5,147,128	100.0%	5,147,128	6-10 Years
Expand Capacity of WWTP in ~ 8 Years (Interim)	15,966,602	4,789,981	11,176,621	59.6%	9,516,460	6-10 Years
WWTP Screw Press and Related Components	1,000,000	300,000	700,000	59.6%	596,023	0-5 Years
<i>Long Term Projects</i>						
395 Corridor Wastewater Facilities (Build Out)	14,706,081	4,411,824	10,294,257	100.0%	10,294,257	16-20 Years
Capital Projects Identified by Staff						
SW Industrial Park	4,000,000	1,000,000	3,000,000	100.0%	3,000,000	0-5 Years
Army Depot	3,000,000	-	3,000,000	100.0%	3,000,000	6-10 Years
Total	\$ 48,625,723	\$ 15,050,137	\$ 33,575,586		\$ 31,811,447	



Wastewater Improvement Fee Cost Basis

Asset Class	Cost
Number of Projects	7
Total City-Funded Project Costs ¹	\$33,575,586
<i>Eligible Portion²</i>	94.75%
Total Eligible Project Costs	\$31,811,447

¹ Excludes grant and debt funding

² Project eligibility estimates provided by City Staff



SDC Calculation

	Water	Wastewater
Reimbursement Fee		
Cost of Unused Capacity	\$805,838	\$2,272,192
Less: Reimbursement Fee Fund Balance	<u>-40,825</u>	<u>-18,987</u>
Reimbursement Fee Cost Basis	\$765,014	\$2,253,205
<i>Customer Growth in MCEs</i>	3,161	3,161
Reimbursement Fee per MCE	\$242	\$713
Improvement Fee		
Cost of Unused Capacity	\$8,552,330	\$31,811,447
Less: Improvement Fee Fund Balance	<u>-38,586</u>	<u>-39,068</u>
Improvement Fee Cost Basis	\$8,513,744	\$31,772,379
<i>Customer Growth in MCEs</i>	3,161	3,161
Improvement Fee per MCE	\$2,694	\$10,052
Total SDC per MCE	\$2,936	\$10,765



Calculated SDC Schedule

Meter Size	Flow Factor	Water		Wastewater	
		Maximum	Existing	Maximum	Existing
3/4"	1.00	\$2,936	\$1,029	\$10,765	\$743
1"	1.67	\$4,893	\$1,369	\$17,942	\$988
1 1/2"	3.33	\$9,785	\$2,058	\$35,884	\$1,486
2"	5.33	\$15,657	\$2,744	\$57,414	\$1,981
3"	10.67	\$31,314	\$4,116	\$114,828	\$2,972
4"	16.67	\$48,927	\$5,488	\$179,419	\$3,963
6"	33.33	\$97,855	\$8,232	\$358,837	\$5,944



Implementation – Funding Plan

Combined Funding Plan	\$	%
Requirements		
Capital Improvement Plan	\$60,857,679	100.0%
Resources		
Existing SDC Fund Balance	\$137,466	0.2%
System Development Charges	\$43,304,341	71.2%
Grants & Other Resources	\$17,415,871	28.6%
Total Resources	\$60,857,679	100.0%

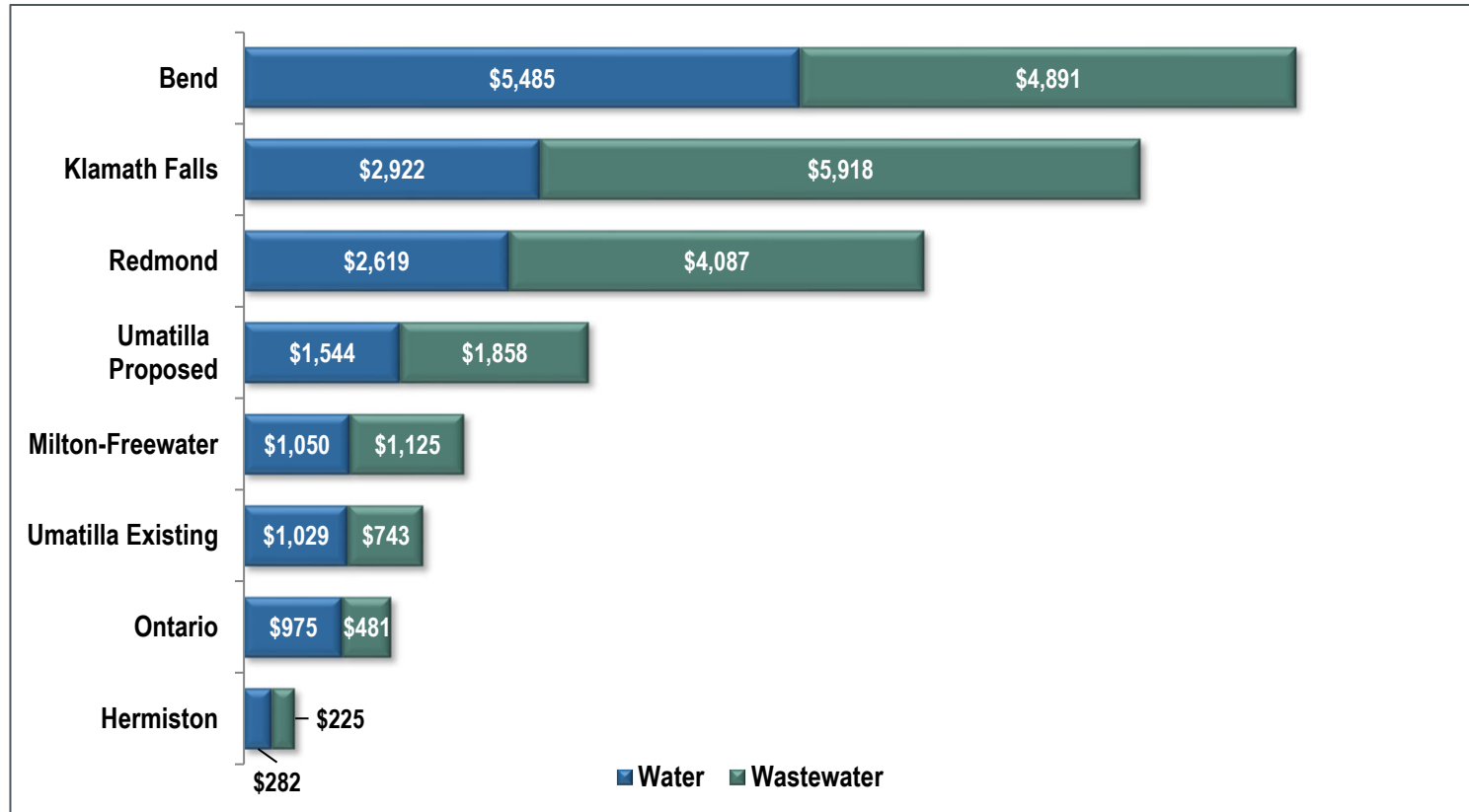


Proposed SDC Schedule

Meter Size	Flow Factor	Water		Wastewater	
		Proposed	Existing	Proposed	Existing
3/4"	1.00	\$1,544	\$1,029	\$1,858	\$743
1"	1.33	\$2,054	\$1,369	\$2,470	\$988
1 1/2"	2.00	\$3,087	\$2,058	\$3,715	\$1,486
2"	2.67	\$4,116	\$2,744	\$4,953	\$1,981
3"	4.00	\$6,174	\$4,116	\$7,430	\$2,972
4"	5.33	\$8,232	\$5,488	\$9,908	\$3,963
6"	8.00	\$12,348	\$8,232	\$14,860	\$5,944



Regional Comparison



Thank you! Questions?

Doug Gabbard, Project Manager
(503) 252-3001
DougG@fcsgroup.com

www.fcsgroup.com



RESOLUTION NO. FX-2021

GENERAL FEE RESOLUTION

WHEREAS, Ordinance No. 518, entitled "An Ordinance Establishing a Procedure to Annually Review City fees, License, Permits and to adjust the Charges Therefore by Resolution of the City Council" was passed by the City Council and approved by the mayor on October 21, 1985; and

WHEREAS, a study of all licenses, permits, fees and charges for services has been completed and reviewed by the City Council; and

WHEREAS, the City Council desires to set licenses, permits, fees and charges for services at levels that are fair and equitable to both the beneficiary of the services and to the City; and

WHEREAS, fees for services should defray the actual costs for providing the services; and

WHEREAS, it is the policy of the City Council that charges and fees for license, permits and services shall be adopted by resolution; and

WHEREAS, the Council delegates to the City Manager and the Finance & Administrative Services Director the authority as the Council's duly-authorized agent to negotiate with individuals, groups, or organizations a reduced payment of the fees in lieu of the established fee schedule; now therefore,

IT IS HEREBY RESOLVED AS FOLLOWS:

- (1) The attached fee schedule shall be adopted as the Fee Schedule for the City of Umatilla beginning October 6th, 2020 and continuing indefinitely unless amended or repealed.
- (2) Resolution 52-2020 is hereby repealed.

PASSED by the Council and **SIGNED** by the Mayor this 6th day of October, 2020.

MARY DEDRICK, MAYOR

ATTEST:

NANCI SANDOVAL, CITY RECORDER

Umatilla Fee Schedule
Adopted by Resolution FX-2021

Section	Details	Cost
1	Abandoned and Impounded Vehicle Fees (ORD. #584 &615)	
1.1	Storage	\$ 30.00 per day
1.2	Impound for Vehicles under city Code 6-2-10A	\$ 50.00
1.3	Hearing	\$ 20.00
1.4	Towing	\$ 100.00
2	Building	
2.1	For all building, mechanical, plumbing and electrical fees: refer to the City's Building Fee Schedule	**
2.2	Moving Buildings Inspection (ORD. #485)	\$ 40.00
2.3	Excavation of public places (Ord. #423, S. 5 & 7) Application fee of \$1.00 per square foot. In no event to be less than \$15.00 plus penalty for excavating new surfaced streets surety bond and insurance.	**
2.4	Sign Permit	\$ 25.00
2.5	Building department penalties will be assessed when work is initiated without necessary permits. The penalty shall not exceed the cost of the basic permit fee, excluding state surcharge.	**
3	Business	
3.1	Business License Fee (Due July 1st each year) (ORD. #486)	\$ 40.00
3.2	Business License Late Fee (If paid after July 15th of each year)	\$ 20.00
3.3	Solicitors-Canvassers Fee (ORD. #212)	\$ 30.00
	Plus investigation fee per each solicitor.	\$ 5.00
	<p>Note: Any and all persons claiming to have the right under State or Federal law to solicit or canvass in the City of Umatilla without payment of license fee, shall nevertheless, apply for and secure a solicitors or canvassers license and it shall be the duty and responsibility of such person to establish their right to receive such license without payment of fees to the satisfaction of the Chief of Police of City of Umatilla. Solicitors-canvassers licenses expire on June 30 of each year.</p>	
	<p>Exceptions:</p>	
	a No fee shall be required of one selling products of garden or orchard actually produced by seller.	-
	b No fee shall be required of one soliciting any regularly and permanently established merchant of the City of Umatilla.	-
	c No fee shall be required of one selling goods or merchandise or performing services on a purely non-profit basis for charitable, educational or religious benefit, provided such facts are established by the applicant to the satisfaction of the City Recorder.	-
4	Cemetery	
4.1	Cemetery Plot:	
	a Adult	\$ 150.00
	b Infant	\$ 40.00
	c Cremation	\$ 40.00
4.2	Opening and closing (except weekends & holidays)	\$ 290.00
	Opening and closing for weekends & holidays	\$ 430.00
	Opening and closing an existing plot (to add cremation)	\$ 50.00
4.3	Miscellaneous Work:	
	a City Equipment	FEMA Equipment Rental Rates
	b Public Works crew (per hour per employee)	\$ 30.00
	c Clerical Fee for transfer of a deed, to buy back a plot or rewrite a lost deed (Proof of ownership required)	\$ 20.00
5	Copies of Public Records and Related Services	
5.1	An accounting fee will be charged when the department bills the requester. For any transaction regarding record there will be a minimum charge of ...	\$ 2.50
5.2	Certification of copy. This is in addition to fee established in paragraph 6.1 and 6.6.	\$ 3.75

5.3	Computer processing charges will be:		
	a Actual executive department charge for the job		
	b Programmer/Analyst and secretarial support time		
	c Video terminal look up cost including staff time		
	d Supplies at actual cost		\$1.00 per screen
5.4	Copies of existing mailing lists may be provided at a fee of ten dollars per 100 names, with no additional charge for staff time.	\$	10.00 per 100
5.5	Documents published by the City will be:		
	a Budget Document	\$	10.00
	b Comprehensive Plan	\$	20.00
	c Sign Code	\$	5.00
	d Subdivision Code	\$	5.00
	e Zoning Code	\$	10.00
	f Public Works Standards	\$	50.00
	g All other documents will have a fee established at the time of publication.	**	
5.6	Fees for copies of records (including staff time)		
	a Image for copies made on a standard office copy machine by the City administrative staff or police department staff	\$	0.50 per page
	b Color photographs	\$	1.00 per print
	c Large Format Copier Fees (up to 36")		
	i. Black and White	\$	6.00 per page
	ii. Color	\$	10.00 per page
	d Print-outs or copies of utility histories	\$	5.00 each
	e Full Case Report Copy (text only)	\$	8.00 each
	f Incident Only Copy	\$	4.00 first page
		+ \$	0.50 each additional page
5.7	Staff time required to locate, produce, summarize, and otherwise provide records for review and/or copying may be charged at the following rates in increments of 1/4 hours: (A fee may be charged even if a record is not located.)		
	a Staff time (calculate by hourly rate, plus 2.5%) to be calculated in 15 minute increments	**	
	b Police Research Fee	\$	25.00 per hour
		\$	6.25 per quarter hour
5.8	Fees for use of facsimile machine (including staff time.)		
	a First Page	\$	4.00
	b Additional copies up to 10 pages	\$	2.00 per page
	c Over 10 pages	\$	1.50 per page
	d Receive	\$	1.00 per page
5.9	Re-Billing Charge on Miscellaneous Statements	\$	2.50
5.10	Fee for Public Notary Services	\$	5.00 per document
5.11	GIS Data Requests		
	a Parcel Data		
	i. Water/Sewer	\$	150.00
	ii. Zoning	\$	150.00
	b Smaller GIS Layers (City Limits, UGB, etc.)	\$	75.00 per layer

6 Deposits and Set-Up Fee for Water/Sewer Account

6.1	All customers will pay a non-refundable set-up fee	\$	10.00
6.2	Refundable deposit for water and sewer services:		
	a Residential Customers (including tenants of rental property)	\$	100.00
	b Commercial and Industrial Customers (\$100 or an amount equal to two months average water and sewer bill, whichever is greater.	**	

Note: Landlords must pay the \$100 deposit the first time the utilities are placed in their name. In the event a tenant moves in, the landlord's deposit will remain on the account until the rental property is sold. The tenant must also pay a deposit which is separate from the landlord's deposit. This will be refunded after three years or when the tenant moves out, whichever is earlier.

Note: All customers shall pay the deposit and set-up fee within three working days after starting service with the City, except for extenuating circumstances which will be reviewed by the City Manager or Finance Director.

7 Dog Licensing, Control and Impounding

Note: Only dogs six months old or having permanent teeth must be licensed.

Note: Verified Service Dogs are exempt.

7.1	For each spayed female or neutered male	\$	5.00
7.2	For each unspayed female or unneutered male	\$	12.00
7.3	To redeem impounded dog	\$	75.00
7.4	Unclaimed impounded dog may be released to responsible person upon payment of fees and costs accrued		

8 Fingerprint Cards

8	Fingerprint Cards	\$	15.00 per card
---	-------------------	----	----------------

9 Lien Search of City Liens for NonOwners

9	Lien Search of City Liens for NonOwners	\$	10.00 per lot
---	---	----	---------------

10 Liquor License Permit Recommendations

10	Liquor License Permit Recommendations (Original Applications Only)	\$	10.00
----	--	----	-------

11 Mailing or Shipping

11	Mailing or Shipping, actual cost will be charged	**	
----	--	----	--

12 NSF Check Charge

12	NSF Check Charge	\$	25.00
----	------------------	----	-------

13 RV Use as Living Quarters Fee

13.1	First 14 Days	Free	
13.2	Additional 14 day extension	\$	10.00
13.3	Construction Site Use	Free	

14 Sewer

14.1	Single family dwelling unit	\$	46.07
	a Unoccupied Residence [Amended by Res #15-2011]	\$	14.39
	b Hardship Rate	\$	41.46
14.2	Apartment/duplex unit without separate water meter	\$	40.64
14.3	Commercial and Hotel/Motel		
	a Minimum charge (1st 7,000 gallons)	\$	46.18
	b Successive units of 7,000 gallons each or 3,500 or more of such unit	\$	46.18
14.4	Industrial: Minimum charge (1st 7,000 gallons)	\$	51.71
	Industrial: Successive units of 7,000 gallons each or 3,500 gallons or more of such unit	\$	51.71

Note: Each industrial user fee is to be negotiated as a separate contract with the City to recover the costs of any sewer treatment expansion that may be required to accommodate the industrial user. These separately negotiated contracts also apply to industrial wastewater fees.

14.5	Surcharge. For those users whose wastewater has a greater strength than normal domestic sewage, a surcharge in addition to the normal user charge, will be collected. The surcharge for operation and maintenance including		
	Flow		50% of the O&M cost
	Biochemical Oxygen Demand		30% of the O&M cost
	Total Suspended Solids		20% of the O&M cost

14.6	Outside the corporate limits of the City of Umatilla, the sewer use charge shall be two times the rate for the same sewer use inside the City limits, except for industrial customers who will be charged as defined under Industrial Sewer Service Charge.	**	
------	---	----	--

15 Sewer Misc. Charges

15.1	Sewer hook-ons to City sewer (Ord. 534 & 560)		
	a Residential unit or its equivalent	\$	300.00
	b Industrial units are subject to contract	**	
	c New Service Set-up Fee	\$	10.00
15.2	Public Works Crew Labor Charge	\$	30.00 per hour

- 15.3 City equipment ODOT Equipment Rental Rates
 15.4 Sewer System Development Charges (SDC's) **

Meter Size	Reimbursement Fee	Improvement Fee	Total SDC
5/8" - 3/4"	\$ 713	\$ 1,145	\$ 1,858
1"	\$ 1,191	\$ 1,279	\$ 2,470
1 1/2"	\$ 2,374	\$ 1,341	\$ 3,715
2"	\$ 3,715	\$ 1,238	\$ 4,953
3"	\$ 5,572	\$ 1,858	\$ 7,430
4"	\$ 7,431	\$ 2,477	\$ 9,908
6"	\$ 11,145	\$ 3,715	\$ 14,860
8"	\$ 14,859	\$ 4,954	\$ 19,813

16 Solid Waste Disposal

- 16.1 Residential and commercial manually emptied containers
- a Commercial
 - 35 gallon cart served weekly \$ 11.55 per month
 - 90 gallon cart served weekly \$ 23.68 per month
 - b Residential
 - 35 gallon cart served weekly \$ 11.55 per month
 - 90 gallon cart served weekly \$ 19.35 per month
 - Senior Citizens on Limited Income \$ 9.25 per month
 - c Commercial loose solid waste
 - 1 1/2 yard container one time per week \$ 79.80 per month
 - Each additional weekly pickup \$ 71.40 per month
 - 2 yard container one time per week \$ 103.80 per month
 - Each additional weekly pick-up \$ 93.70 per month
 - d Commercial compacted solid waste 1 1/2 times loose container rate pick-up **
 - e Cardboard recycling container \$ 11.00 per month
- 16.2 Manually Emptied Containers at curb or roadside
- a Extra charges per pick-up on route for solid waste not on regular basis \$ 2.75 per month
 - b Containers are priced at level full with lid closed and extra charges will be made for "over-the-top-bulk" \$ 1.50 minimum
 - c Minimum special pick-up charges to be arranged between customer and collector **
- Note: 32 gallon maximum size not to exceed 60 pounds weight when filled and 18 pounds when empty.
- Note: Senior citizens requesting the reduced rate must make application to the City and meet the Oregon State poverty income guidelines.
- 16.3 Drop box rate delivery fee \$ 40.00 first box
- a Drop boxes weighing up to 5 tons
 - \$ 58.00 haul fee
 - + \$ 6.20 per cubic yard
 - or \$ 68.20 per ton (whichever is greater)
 - b Drop-boxes weighing 5 tons and greater
 - \$ 211.20 haul fee
 - + \$ 37.60 per ton
 - c Demurrage charge per box after 7th day \$ 4.35 per day
- 16.4 Compacted drop-boxes weighing up to 5 tons \$ 76.45 per hour
- a compactor on call (haul fee) **
 - + \$ 6.20 per compacted cubic yard
 - or \$ 68.20 per ton (whichever is greater)
 - b Compacted drop-boxes weighing 5 tons
 - \$ 228.35 haul fee
 - + \$ 37.60 per ton

- 16.5 Transfer station permit for yard trimmings: Residential refuse customers whose bills are current may, by securing a permit from City Hall, take yard trimmings to the transfer station, and deposit them in a place designated by the attendant free of charge. All other items so taken will be charged at the regular transfer station rate. **

17 Water Rates

- 17.1 Each customer will pay a base rate and consumption rate based upon chart below.

a

Base Monthly Fee	
3/4" & smaller	\$ 19.14
1"	\$ 22.45
1 1/2"	\$ 63.32
2"	\$ 98.85
3"	\$ 193.59
4"	\$ 300.18
6"	\$ 596.25
3/4" Senior	\$ 17.23
3/4" Hardship	\$ 14.36

Port Industrial Park Base Monthly Fee	
3/4" & smaller	\$ 48.79
1"	\$ 76.16
1 1/2"	\$ 144.57
2"	\$ 226.67
3"	\$ 445.60
4"	\$ 691.89
6"	\$ 1,376.04

Consumption Rate - Per 1,000 Gallons	
Single Family	\$ 1.68
Single Family Senior	\$ 1.51
Single Family Hardship	\$ 1.26
Multi Family	\$ 1.91
Commercial	\$ 1.60
Industrial	\$ 2.20
Port Industrial Park	\$ 1.93
Large Community Services	\$ 2.31

- b Senior Citizen Discount (3/4" meter only) – A 10% discount on base and additional usage water rates will be applied to senior citizens over the age of 65
- c Outside city limits: double the water rates as charged in 17.1(a), unless exempted by the City Council.

* See rates in table above

18 Water Misc Charges

- 18.1 Miscellaneous charges
- | | |
|--|---|
| a Delinquency charges | \$ 20.00 minimum |
| | or 10% balance due |
| b Reconnect Fee for non-payment if water service is suspended 5 days after delinquency notice. | \$ 20.00 |
| c Extra charge for having water reconnected outside regular hours for public works department (7:00 a.m. to 5:00 p.m.) | \$ 45.00 |
| d Service Connections | |
| 3/4" connection | \$ 740.00 |
| Over 3/4" connection | \$ 200.00 + actual cost of installation |

- e New Accounts - (See #6 Deposits and Set-up Fee for Water/Sewer Acct.) **
- f Water meter accuracy test (If meter is found to be defective, the \$30 charge will be waived.) \$ 30.00 + cost of test & shipping
- g New Service Set-up Fee \$ 10.00
- h Public Works Crew Labor Fee \$ 30.00 per hour
- i City equipment FEMA Equipment Rental Rates
- j Portable Meter Rental (Available at City Hall during regular business hours only)
 - i. Deposit, which is refundable if meter is returned in original working condition \$ 1,400.00
 - ii. Daily Rental (Plus 2x cost of water used) \$ 10.00
 - iii. Monthly Rental (Plus 2x cost of water used) \$ 60.00
- 18.2 Fire flow protection
 - a Monthly charge to provide service \$ 9.00
 - b Application Charge \$ 5.00
- c Deposit on Account. Exempt: Established accounts with good payment history \$ 50.00
- d Inspection Service Actual Cost
- 18.3 Water system Development Charges (SDC's) **

Meter Size	Reimbursement Fee	Improvement Fee	Total SDC
5/8" - 3/4"	\$ 242	\$ 1,302	\$ 1,544
1"	\$ 404	\$ 1,650	\$ 2,054
1 1/2"	\$ 806	\$ 2,281	\$ 3,087
2"	\$ 1,290	\$ 2,826	\$ 4,116
3"	\$ 2,582	\$ 3,592	\$ 6,174
4"	\$ 4,034	\$ 4,198	\$ 8,232
6"	\$ 8,066	\$ 4,282	\$ 12,348
8"	\$ 12,100	\$ 4,364	\$ 16,464

19 Social Gambling License Fee

- 19.1 License fee \$ 300.00 annually
 - a All licenses shall obey the regulations of Ordinance 551 of the City of Umatilla.
 - b All premises where social gambling is conducted shall have "house" rules.
 - c All "house rules" and the license must be posted in a conspicuous place where the social gambling is conducted and must be plainly visible.
 - d All "house rules" must be approved by the City before a license will be issued.

20 Land Use Applications

- 20.1 Non-Refundable filing fee for land use applications plus actual costs for planner attorney and/or engineer, over costs covered by basic fee.
 - a Administrative Review \$ 100.00
 - b Variance \$ 500.00
 - c Partitions \$ 300.00
 - d Planned Unit Development or Subdivision \$ 800.00
 - e Lot Line Adjustment \$ 150.00
 - f Conditional Use \$ 500.00
 - g Site Plan Review \$ 250.00
 - h Zone Change \$ 500.00
 - i Comprehensive Plan Amendment
 - (1) Plan Amendment Map – No Exception \$ 800.00
 - (2) Plan Amendment Map – Includes Exception \$ 1,000.00
 - (3) Plan Amendment Text \$ 800.00
 - j Vacation \$ 500.00
 - k Annexation \$ 500.00
 - l Amendment to Urban Growth Boundary \$ 500.00

m Replat	\$	500.00
n Address Assignment	\$	25.00
o Pre-application Conference (applied to application)	\$	50.00
p Miscellaneous planner time/research per hour	\$	75.00
q Land Use Compatibility Statement	\$	25.00
r Grading & Excavation Permit	\$	100.00
s Zoning Review for Building Permit	\$	25.00
t Zoning Permit	\$	100.00
u Custom GIS Mapping	\$	75.00 per hour prorated quarterly
	\$	15.00 minimum
v Residential Development Reviews		\$110.00 per lot

Note: Review includes: submittal of final plat/construction drawings, one iteration of engineer comments, developer incorporation of comments and resubmittal, engineer verification and approval issuance. Any more than one iteration of comments will be billed on a time and materials basis.

w Traffic Impact Analysis (TIA) Reviews		
(1) Small TIA Review (One land use and less than 3 intersections)	\$	1,500.00
(2) Large TIA Review (More than one land use and 3 intersections or more)	\$	3,000.00

20.2 Appeals to City Council		
a Filing fee plus actual costs for materials, consultants, publications and other related costs		
(1) Appeal of Planning Commission or City Council Decision	\$	400.00
(2) Appeal of Administration Decision	\$	250.00
b Preparation of transcripts; actual cost not to exceed (If appellant prevails at a hearing or an appeal, the transcript fee shall be refunded)	\$	250.00
20.3 Review of Plans on commercial properties	\$	100.00

21 Security Alarms

21.1 Alarm Permit Fee		
a Homeowners (one-time fee)	\$	5.00
b Business charge included with business license	**	
21.2 Excessive False Alarms: To be compounded by the number of responses		
a Fourth False Alarm Response	\$	50.00
b Fifth False Alarm Response	\$	100.00
c Sixth False Alarm Response	\$	150.00
d Seventh False Alarm Response	\$	200.00
e Eighth False Alarm Response	\$	250.00
f Ninth False Alarm Response	\$	300.00
g Ten or more responses - Ref. Ordinance #593	**	

22 Marriage Ceremony and Witness Fees

22.1 Marriage Ceremonies	\$	50.00
22.2 Witness Fee - one fee per requested witness	\$	10.00
22.3 Marriage license processing fee	\$	20.00
22.4 Mileage for ceremonies performed over 20 miles from City Hall		IRS Mileage Rate

23 Library

23.1 Past due book charges (up to the price of book)	\$	0.20 per day per item up to price of book
23.2 Past due movie return charge (up to price of movie)	\$	0.50 per day per item up to price of movie
23.3 Printing (black and white) - school and work documents	\$	0.05 per page
23.4 Printing (black and white) - all other documents	\$	0.10 per page
23.5 Copies (black and white)	\$	0.25 per page
23.6 Fees for use of facsimile machine (including staff time.)		
First Page	\$	2.00
Additional copies up to 10 pages	\$	1.00 per page

24 Nuisance Abatement

24.1	City Equipment	FEMA Equipment Rental Rates
24.2	Public Works Crew Labor charge	\$ 40.00 per hour
24.3	Any other expenses incurred	Actual Cost
24.4	Administrative Costs	10% of total expenses occurred
		\$ 100.00 minimum

25 Building Use Charge

25.1	Community Room	
	a Locally Supported Groups (City of Umatilla, Justice Court& Political Government Groups, Schools, Districts Scouts,VFW, Lions, Chamber of Commerce, PTO/PTA, Friends of the Library,)	No Charge
	b Non-Locally Supported Groups (ODOT, Sheriff's Dept., Red Cross. Etc.)	No Charge
	c Businesses (Realtors, and all Commercial & Industrial Businesses. Etc.)	\$ 25.00 per hour \$ 250.00 per day
	d Special Occasions (weddings, birthdays, receptions, anniversaries, memorial services, reunions, graduation parties, & for-profit fundraisers - 2 hour minimum)	\$ 25.00 per hour \$ 250.00 per day
	Payments are to be made at the time of scheduling. 50% is non-refundable for cancellations.	
25.2	Cleaning Deposit	\$ 50.00
	Note: All users of the community room shall pay a deposit and provide clean up. The deposit will be returned after areas have been inspected and reviewed. Any group or individual using the building will be responsible for leaving it in good order. Failure to do so will forfeit the deposit. Deposits will only be refunded during regular business hours of City Hall.	
25.3	After hours fee to unlock/lock building	\$ 25.00

26 Facility Use Charges

26.1	City Facility Use Permit Fee	\$ 25.00 per day
26.2	Special Use Permit (General)	\$ 150.00
	a. Inflatables or dunk tanks	\$ 125.00
	b. Sale of alcoholic beverages	\$ 125.00
	c. Tents or RVs for overnight use	\$ 125.00
	d. Charging admission for event	\$ 100.00
	e. Early access to facility prior to 10am	\$ 100.00
	f. Sale of goods/services	\$ 100.00
	g. Vehicles on lawn parking (ex. Catering)	\$ 125.00
	h. Stage	\$ 75.00
	i. Use of amplified equipment	\$ 75.00
	j. Overnight use of park	\$ 50.00
	k. Use of home stereo equipment	\$ 50.00
	l. Open flame fire pit	\$ 50.00
	m. Vehicles on lawn (loading/unloading)	\$ 50.00
	n. Providing portable services	\$ 25.00
	o. Solicitation, marketing or advertising at location	\$ 25.00
	p. Volleyball/badminton poles	\$ 25.00
26.3	Parks Cleaning Deposit	\$25 - \$5,000 depending on event

27 Marina & RV Park**27.1 Moorage Rates (Pay for 11 months in full, get the 12th month free)**

**

Dock	Slips	Height	Max Length	Deposit	Monthly Rate	Yearly Rate	Comments
B		14	30	\$110.00	\$110.00	\$1,210.00	Plus Metered Power
B	15, 16, 21, 22, 27, 28	14	30	\$100.00	\$100.00	\$1,100.00	Plus Metered Power
B		20	45	\$160.00	\$160.00	\$1,760.00	Plus Metered Power
B		20	50	\$180.00	\$180.00	\$1,980.00	Plus Metered Power
E		8.5	27	\$75.00	\$75.00	\$825.00	Plus Metered Power
H East	Even #'s	N/A	to 40	\$100.00	\$100.00	\$1,100.00	Plus Metered Power
H West	Odd #'s	N/A	40+	\$120.00	\$120.00	\$1,320.00	Plus Metered Power

27.2 Transient Moorage Rates

**

Dock	Daily Rate	Weekly Rate
B	N/A	N/A
E	\$10.00	\$20.00
H	\$20.00	\$40.00

27.3 Cruise Ship Rates

a Moorage	\$ 100.00 per day
b Garbage	\$ 3.00 per bag

27.4 Dry Storage Rates (Amended by Res #01-2017)

a Moorage Customers	\$ 30.00 per month
	\$ 330.00 per year
b Other Customers	\$ 50.00 per month
	\$ 550.00 per year

27.5 RV Park Rates (Amended by Res #01-2017)

a Tents (including tax)	\$ 20.00 per night
b Full Utility Spaces (including tax)	\$ 40.00 per night
c Extra Tents	\$ 5.00 per night
d Extra Vehicles	\$ 5.00 per night
e RV Dump	\$ 5.00 each
f Weekly Winter Rate	\$ 125.00 per week
g Ice	\$ 3.00 per bag

28 Miscellaneous Public Works Fees

28.1 Right-of-Way Permit Fee	\$ 50.00
28.2 Civil Public Works Construction Review	\$ 150.00
28.3 Grading and Excavation Permit	\$ 100.00
28.4 Street Closure Permit	\$0 - \$100

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title:

Lind Rd and Union St Improvement Project - Bid Evaluation and Notice of Award

Meeting Date:

2020-09-01

Department:

Finance & Administrative Services

Director:

Melissa Ince

Contact Person:

Scott Coleman

Phone Number:

Cost of Proposal:

\$748,748

Amount Budgeted:

\$1,285,815

Fund(s) Name and Number(s):

Street - 04

Reviewed by Finance Department:

Yes

Previously Presented:

N/A

Attachments to Agenda Packet Item:

[LindRD_Bid_Evaluation.pdf](#)

Summary Statement:

Approval of Notice to Award to Granite Construction Company

Consistent with Council Goals:

Goal 2: Promote Economic Development and Job Growth.



August 27, 2020

David Stockdale
City Manager
City of Umatilla
700 6th St – PO Box 130Umatilla, OR 97882(Via Email)

RE: Lind Rd and Union St Improvements Project - Bid Evaluation

Dear David:

J-U-B evaluated the two (2) bids received on August 25, 2020 for the Lind Rd and Union St Improvements Project. The Bid Proposal was publicly advertised in accordance with Oregon procurement rules. The evaluation endeavors to determine compliance with bidding process and requirements outlined in the Oregon Administrative Rules (OAR), Oregon Revised Statutes (ORS), and the Contract Documents.

The bid tabulations are attached and the results of the proposals are as follows:

	Engineers Estimate	Wildish Standard Paving Co.	Granite Construction Company
Base Bid	\$1,285,815.30	\$1,187,996.95	\$748,748.00

The responsiveness of each bidder is documented in the attached Bid Evaluation Summary. **Based on this evaluation, J-U-B recommends award of the contract to the lowest responsible bidder, Granite Construction Company, in the amount of \$748,748.00.**

The City should work with legal counsel to review the bids, conduct any further review that is warranted, consider irregularities that may be present based on your review, waive any informalities, and make a final recommendation to the City Council for contract award.

Upon Council approval, the Notice of Award and Contract will be executed.

Sincerely,

J-U-B ENGINEERS, Inc.

Thomas Wallace, P.E.
Project Manager

Attachments:

- Bid Evaluation Summary
- Bid Tabulations

CITY OF IRRIGON - HB2017: IRRIGON DOWNTOWN SIDEWALKS PROJECT
 Bid Evaluation Summary



OTHER J-U-B COMPANIES

April 22, 2020

Criteria No.	Evaluation Criteria	Wildish Standard Paving Co.	Granite Construction Company
1	Bid received on time in a properly sealed envelope?	Yes	Yes
2	Bid proposal contains all contents listed in the bidders checklist?	Yes	Yes
3	Addenda properly acknowledged?	Yes	Yes
4	Bid schedule completed in general conformance with the Instructions to Bidders?	Yes	Yes
5	Oregon Contractor's License Number included and verified?	Yes	Yes
6	Bid Signed?	Yes	Yes
7	First-Tier Subcontractor Disclosure submitted?	Yes	Yes
8	Bid bond and warranty included and signed?	Yes	Yes
9	Loan forms included and signed?	N/A	N/A
10	Reference check satisfactory?	Yes	Yes
Total Bid Amount		\$1,187,996.95	\$748,748.00
Is Bid Responsive?		Yes	Yes



City of Irrigon - HB2017: Irrigon Downtown Sidewalks
Bid Tabulations

ITEM NUMBER	ITEM DESCRIPTION	UNIT	QUANTITY	Engineer's Estimate		Wildish Standard Paving Co.		Granite Construction Company	
				UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL
0210-0100000A	MOBILIZATION	LS	1	\$100,000.00	\$100,000.00	\$118,000.00	\$118,000.00	\$72,684.75	\$72,684.75
0225-0101000A	TEMPORARY WORK ZONE TRAFFIC CONTROL, COMPLETE	LS	1	\$25,000.00	\$25,000.00	\$118,000.00	\$118,000.00	\$8,000.00	\$8,000.00
0245-0100000A	TEMPORARY WATER MANAGEMENT FACILITY AT STATION 111+41.3	LS	1	\$25,000.00	\$25,000.00	\$12,000.00	\$12,000.00	\$12,000.00	\$12,000.00
0280-0100000A	EROSION CONTROL	LS	1	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00
0290-0100000A	POLLUTION CONTROL PLAN	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
0290-0100000A	TURBIDITY MONITORING	LS	1	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$2,000.00	\$2,000.00
0305-0100000A	CONSTRUCTION SURVEY WORK	LS	1	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00	\$15,000.00	\$15,000.00
0310-0119000F	ASPHALT PAVEMENT SAW CUTTING	FOOT	360	\$4.00	\$1,440.00	\$15.00	\$5,400.00	\$2.25	\$810.00
0310-0112000A	REMOVAL OF FENCES	FOOT	1333	\$3.00	\$3,999.00	\$4.00	\$5,332.00	\$2.00	\$2,666.00
0320-0100000A	CLEARING AND GRUBBING	LS	1	\$15,000.00	\$15,000.00	\$8,000.00	\$8,000.00	\$12,500.00	\$12,500.00
0330-0101000K	DITCH EXCAVATION	CUYD	1200	\$35.00	\$42,000.00	\$45.00	\$54,000.00	\$13.00	\$15,600.00
0330-0105000K	GENERAL EXCAVATION	CUYD	2620	\$20.00	\$52,400.00	\$45.00	\$117,900.00	\$19.00	\$49,780.00
0331-0109000J	18 INCH SUBGRADE STABILIZATION	SY	870	\$35.00	\$30,450.00	\$0.01	\$8.70	\$28.00	\$24,360.00
0350-0105000J	SUBGRADE GEOTEXTILE	SY	10940	\$1.50	\$16,410.00	\$5.00	\$54,700.00	\$2.25	\$24,615.00
0350-0107000J	SUBGRADE REINFORCEMENT GEOGRID	SY	10940	\$4.00	\$43,760.00	\$7.00	\$76,580.00	\$3.75	\$41,025.00
0405-0100000K	ROCK EXCAVATION	CUYD	20	\$500.00	\$10,000.00	\$150.00	\$3,000.00	\$125.00	\$2,500.00
0430-0100120F	12 INCH DRAIN PIPE	FOOT	540	\$45.00	\$24,300.00	\$100.00	\$54,000.00	\$44.00	\$23,760.00
0430-0101000E	SUBSURFACE DRAIN OUTLETS	EACH	1	\$1,500.00	\$1,500.00	\$500.00	\$500.00	\$300.00	\$300.00
0445-010018AF	18" CULV PIPE, 5 FT DEPTH	FOOT	78	\$100.00	\$7,800.00	\$225.00	\$17,550.00	\$165.00	\$12,870.00
0445-010024BF	24" CULVERT PIPE, 5 FT DEPTH	FOOT	46	\$125.00	\$5,750.00	\$250.00	\$11,500.00	\$200.00	\$9,200.00
0445-0700180E	SLOPED END SECTIONS, 18 INCH	EA	2	\$400.00	\$800.00	\$800.00	\$1,600.00	\$400.00	\$800.00
0445-0700240E	SLOPED END SECTIONS, 24 INCH	EA	2	\$500.00	\$1,000.00	\$900.00	\$1,800.00	\$100.00	\$200.00
0490-0100000E	ADJUSTING BOXES	EACH	5	\$600.00	\$3,000.00	\$600.00	\$3,000.00	\$450.00	\$2,250.00
0610-0103000A	RECONDITIONING EXISTING ROADWAY	LS	1	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00	\$5,500.00	\$5,500.00
0641-0102000M	AGGREGATE BASE	TON	9210	\$40.00	\$368,400.00	\$26.00	\$239,460.00	\$20.00	\$184,200.00
0744-0302000M	LEVEL 3, 1/2 INCH ACP	TON	2205	\$135.00	\$297,675.00	\$90.00	\$198,450.00	\$80.00	\$176,400.00
0865-0116500F	METHYL METHACRYLATE, EXTR, SURF	FOOT	7013	\$1.50	\$10,519.50	\$1.25	\$8,766.25	\$1.25	\$8,766.25
0867-0145100J	PAVEMENT BAR, TYPE B-HS	SF	32	\$20.00	\$640.00	\$10.00	\$320.00	\$10.00	\$320.00
0905-0100000A	REMOVE AND RESET SIGNS	EA	6	\$500.00	\$3,000.00	\$500.00	\$3,000.00	\$250.00	\$1,500.00
0910-0100000K	WOOD SIGN POSTS	FBM	127	\$8.50	\$1,079.50	\$30.00	\$3,810.00	\$3.00	\$381.00
1030-0113000R	WETLAND SEEDING	ACRE	0.2	\$10,000.00	\$2,000.00	\$14,000.00	\$2,800.00	\$10,000.00	\$2,000.00
1030-0128000R	NATIVE PLANT SEEDING	ACRE	3.2	\$5,000.00	\$16,000.00	\$2,350.00	\$7,520.00	\$1,800.00	\$5,760.00
TOTAL					\$1,168,923.00				
CONTINGENCY				10%	\$116,892.30				
BID TOTAL					\$1,285,815.30		\$1,187,996.95		\$748,748.00

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Power City/Brownell Water and Sewer Technical Memorandums	Meeting Date: 2020-09-01
---	------------------------------------

Department: Finance & Administrative Services	Director: Melissa Ince	Contact Person: Melissa Ince	Phone Number:
---	----------------------------------	--	----------------------

Cost of Proposal: N/A	Fund(s) Name and Number(s): N/A
Amount Budgeted: N/A	

Reviewed by Finance Department: Yes	Previously Presented: 8/18/2020
---	---

Attachments to Agenda Packet Item:

[PowerCity-Brownell WaterTechMemo.pdf](#)

[PowerCity-Brownell SewerExtensionTechMemo.pdf](#)

Summary Statement: Discussion only
--

Consistent with Council Goals: Goal 1: Promote a Vibrant and Growing Community by Investing in and Support of Quality of Life Improvements.



THE LANGDON GROUP



GATEWAY MAPPING INC.

OTHER J-U-B COMPANIES

DATE: 4/1/2020

TO: Oregon Health Authority - Drinking Water Services
Bill Goss

CC: City of Umatilla
Dave Stockdale, City Manager
Scott Coleman, Public Works Director
Melissa Ince, Finance Director

FROM: J-U-B Engineers, Inc.
Shae Talley, PE

SUBJECT: Power City/Brownell Water Technical Memorandum



1 INTRODUCTION & BACKGROUND

The City of Umatilla is currently evaluating the feasibility of providing water service to the Power City and Brownell communities. The Power City area is currently served by the Power City Water Co-Op, a small private water system, which serves approximately 70 residents through 36 connections. The system consists of an 8-inch diameter 400-foot deep well and a 20,000 gallon storage tank and booster pump station. A storage tank inspection on July 24, 2012, performed by LiquiVision Technology Diving Services, concluded the reservoir had severe corrosion and required new interior and exterior coating. The residents of the Power City Water Co-Op deemed the costs of the coating system excessive and have requested connection to the City of Umatilla Water System. Connection to the City’s system will eliminate maintenance costs for the residents; ensure fire flow requirements are met; and will provide increased reliability.

The Brownell area is a small residential area partially served by City water and partially by private wells. There are currently 22 existing connections to the City Water System and 13 connections fed by either the Sand Bur Water Association, a private water system, or private on-site wells. This area is located within the Urban Growth Boundary and the City provides water service to all adjacent properties, therefore the City is pursuing connection of the properties currently served by private on-site wells to the City’s Water System. The residents have expressed interest in connecting to the City’s system to increase reliability and reduce maintenance activities.

In general, utility improvements required to meet existing and future demands are developed through Master Plans; however, the City of Umatilla requires an immediate, preliminary review to pursue Community Development Block Grant (CDBG) funds in 2020. This technical memorandum will summarize the review and provide a preliminary cost opinion for the proposed infrastructure project specified by the City. The City will be updating their Master Plan in 2020-2021 and will include this project in the planning document.

2 PLANNING CRITERIA

The evaluation of infrastructure projects was completed at a planning level of detail. The assumptions and design criteria used herein were developed by J-U-B ENGINEERS, Inc. and City of Umatilla staff. These assumptions should be reviewed and refined during design efforts.

2.1 Study Area

The Brownell study area is located within the Urban Growth Boundary and is generally bound by Locust Street to the south, Brownell Boulevard to the east, and the railroad to the north and west. The Brownell study area contains 19 properties to be served by 13 new connections. Figure 1 and Figure 3 in Appendix A depict the study area.

The Power City study area is located partially within City Limits and within the Urban Growth Area and is generally bound by U.S. Route 395 to the east, Union Street to the south, Margaret Avenue to the north, and Lind Road to the west. The Power City study area contains 41 properties to be served by 36 new connections. Figure 1 and Figure 4 in Appendix A depict the study area.

2.2 Demands

The purpose of this section is to define the existing and proposed water usage for determining the amount of additional water demand that will be added to the system once the study areas are connected.

2.2.1 Existing Water Use, Connections, and Equivalent Dwelling Units (EDUs)

An Equivalent Dwelling Unit (EDU) is the amount of water consumed by a typical full-time single-family residence (SFR). In 2019, the City of Umatilla had 1,864 active metered service connections, 1,621 of which were SFRs. Based on 2019 water meter data provided by the City, the EDU demand was calculated by dividing the total annual metered water use from SFR meters by the total number of SFR connections. One EDU was calculated to be 378 gallons per day (gpd). The EDU demand can then be multiplied by the water consumption in all other customer classifications to quantify their use in terms of EDUs. As all proposed connections in the Brownell and Power City study areas are SFRs, the other customer classifications were not analyzed. Further analysis of system wide EDUs will be completed as part of future master planning efforts. A summary of the EDU calculation can be seen in Table 2-1 below.

Table 2-1 – Existing Water Demands

2019 SFR Annual Consumption (gallons) ¹	2019 SFR Connections ²	2019 SFR Average Daily Demand (gpd) ³	Equivalent Dwelling Unit (gpd) ⁴
223,680,567	1,621	612,823	378

¹ Per 2019 City of Umatilla for SFR water meter data.

² Per 2019 City of Umatilla water meter data.

³ Annual Consumption divided by 365 days in a year.

⁴ Average Daily Demand (ADD) divided by number of SFR connections.

2.2.2 Proposed Demands

The proposed connections consist of 49 SFR customers, of which 36 are in the Power City study area and 13 are in the Brownell study area. To determine the additional demand on the system by adding these customers, the total number of proposed EDUs is multiplied by the Average Day Demand (ADD) of 378 gpd for a total of 18,522 gpd. The study area demands are depicted in Table 2-1 below. The monthly water metering records provided information for equivalent average daily demands. Typical peaking factors were used to determine Peak Day Demands (PDD) and Peak Hourly Demands (PHD).

Table 2-2 – 2020 Study Area Demands

Study Area	2020 Average Day Demand (gpd/EDU) ¹	2020 Peak Day Demand (gpd/ EDU) ²	2020 Peak Hour Demand (gpd/EDU) ³	Equivalent Dwelling Units	2020 Study Area Average Day Demand (gpd)	2020 Study Area Peak Day Demand (gpd) ²	2020 Study Area Peak Hour Demand (gpd) ³
Brownell	378	869	1,391	13	4,914	11,302	18,084
Power City	378	869	1,391	36	13,608	31,298	50,077
TOTAL				49	18,522	42,600	68,161

¹ See Existing Water Demands Table.

² 2.3 Peaking Factor ADD/PDD based on the City's 2008 Water System Master Plan.

³ 1.6 Peaking Factor PDD/PHD based on the Washington State Department of Health Water System Design Manual (WSDM).

Based on conversations with current residents, the City of Umatilla expects the existing Power City study area to subdivide in the near future, therefore infrastructure will be sized to accommodate 3 times the 2020 SFR connections for a total of 108 future connections. Proposed future demands are summarized in Table 2-2 below.

Table 2-3 – Proposed Study Area Demands

Study Area	2020 Average Day Demand (gpd/EDU) ¹	2020 Peak Day Demand (gpd/ EDU) ²	2020 Peak Hour Demand (gpd/EDU) ³	Future Equivalent Dwelling Units	Future Study Area Average Day Demand (gpd)	Future Study Area Peak Day Demand (gpd) ²	Future Study Area Peak Hour Demand (gpd) ³
Brownell	378	869	1,391	13	4,914	11,302	18,084
Power City	378	869	1,391	108	40,824	93,895	150,232
TOTAL				121	45,738	105,197	168,316

¹ See Existing Water Demands Table.

² 2.3 Peaking Factor ADD/PDD based on the City's 2008 Water System Master Plan.

³ 1.6 Peaking Factor PDD/PHD based on the Washington State Department of Health Water System Design Manual (WSDM).

2.2.3 Pipe Sizing Methodology

Pressurized potable water pipes were sized using the Hazen-Williams formula and minimum allowable pressure criteria. The modeling software, WaterCAD, was used to assist in the calculation. Five main criteria were used to determine the minimum pipe size required to maintain a safe and reliable system. These requirements are listed below:

1. Per City of Umatilla Standard Specifications Section 2.2.D.3, minimum 6-inch diameter pipes in looped systems and 8-inch diameter mainlines. If looping was not feasible, minimum 8-inch diameter mainlines were sized,
2. Maintain velocities less than 10 feet/second during Fire Flows and Peak Daily Demand (PDD) for new pipes only,
3. Per Oregon Health Authority (OHA) OAR 333-061-0025, maintain a pressure less than 20 psi under all conditions of flow,
4. Per City of Umatilla Standard Specifications Section 2.2.D.3, maintain 35 psi during Peak Hourly Demand (PHD), and;
5. Per City of Umatilla Standard Specifications Section 2.2.D.3, a normal working system pressure of approximately 65 psi.

The following flow and duration requirements for fire flow analysis were used to size the potable water pipes.

Table 2-4 – Fire Flows

Fire Demand Land Use	Rate of Flow (gpm)	Duration (hours)
Residential	1,500	2
Commercial/Industrial	2,500	2

3 BROWNELL AND POWER CITY IMPACTS ON EXISTING WATER INFRASTRUCTURE

3.1 Water Sources

3.1.1 Groundwater Sources

The City of Umatilla obtains their water from the existing deep basalt aquifer through four groundwater wells. The aquifer is in decline, which threatens the City's existing water source. The City currently has four water supply wells in operation; three of which they own including the McFarland Well, the Golf Course Well, and the Intertie Well; they lease the Port Well from the Port of Umatilla. The Intertie, Golf Course, and Port Wells have all been lowered to near bedrock depths in recent years to accommodate for the declining aquifer. The City provides chlorine disinfection treatment to well water from each source. At each well, chlorine is injected into the well water prior to discharging into the reservoirs. Well and reservoir locations can be seen in Figure 2 in Appendix A. The following is a summary of the City wells. Figure 15 in Appendix A is a hydraulic profile schematic that shows water sources relative to the Brownell and Power City study areas.

McFarland Well

The McFarland Well is the primary supply for the Coyote and Powerline High Level Systems and the secondary supply for the Low Level System. It is located southeast of the Grant Street/McFarland Avenue intersection. It is reported to have been drilled in 1947 and is 785

feet deep. The well is only partially cased and has several different diameters of casing. This well is located in the Buttercreek Critical Groundwater Area as determined by the Oregon Water Resources Department (OWRD). The static level in this well has varied from 155 feet to 216 feet below ground surface from the period 1998 to May 2000. The pumping level varied from 215 feet to 264 feet at 550 gpm during the same period. The McFarland Well has an instantaneous water right of 2.28 cfs and a current production of 505 gpm.

Intertie Well

The Intertie Well and Reservoir are located directly southwest of the U.S. Route 395/U.S. Route 730 intersection. The well discharges directly into the Intertie Reservoir and its operation is controlled by fluctuations in the water level in the Intertie Reservoir. It is the primary supply source for the Low Level System. It can also provide water to the McNary High Level System through the McNary Booster Pump Station and to the McFarland Reservoirs through an altitude valve. The Well was constructed in 1979 and was drilled to a depth of 1,138 feet. A 20-inch casing extends to 500 feet below the surface. Declining ground water levels prompted the City to lower the pump to 650 feet in 1998. The Intertie Well has an instantaneous water right of 8.9 cfs and a current production of 602 gpm.

Golf Course Well

The Golf Course Well is located in the Port of Umatilla Industrial Park along Bud Draper Road. This well discharges either into the McNary Reservoir or into the McNary Booster Pump Station when the reservoir is bypassed. It was constructed in 1978. The well is 989 feet deep, has a 20-inch casing to 500 feet below the surface, and is open rock hole to the bottom. The pump operates alternatively with the Port Well as the lead and lag pump automatically, based on the water levels in the 1.8 million gallon McNary Reservoir. It can also be controlled manually. The Golf Course Well is one of two sources of supply for the McNary area. The McNary area can also supply water to the Low Level System by use of a bypass and pressure reducing vault adjacent to the McNary Booster Pump Station. The Golf Course Well has an instantaneous water right of 8.9 cfs and a current production of 1,762 gpm.

Port Well

The Port Well is the second supply source for the McNary area. The City holds a 40-year lease (expires February 12, 2040) from the Port of Umatilla that gives the City rights to the property and use of the well for municipal use of the water. The Port Well is a deep basalt well permitted for municipal and industrial use. The well is 850 feet deep with a 24-inch casing from 99 feet down to 345 feet. Although the pump is situated near the Columbia River, it is not hydraulically connected to the surface water source. The Port Well has an instantaneous water right of 4.46 cfs and a current production of 1,769 gpm.

Table 3-1 below summarizes the groundwater well information.

Table 3-1 – Groundwater Wells

Source	Water Right (cfs / MGD)	TDH (ft)	Production Rate (gpm)	Service Area
McFarland Well	2.28 / 1.474	239	505	Coyote High Level System / Powerline High Level System
Intertie Well	8.90 / 5.752	626	602	Low Level System (primary) / All Systems (secondary)
Golf Course Well	8.90 / 5.752	384	1,762	McNary High Level System
Port Well	4.46 / 2.883	299	1,769	McNary High Level System
TOTAL	24.54 / 15.861		4,638	

3.1.2 Surface Water Rights

The City currently has a 23 cfs (14.9 mgd) surface water right permit from the Columbia River, none of which is currently used. The water is designated for municipal consumption with the point of diversion located at the McNary pool. The application for permit (Application No. 54855) was made in October 1976 and the permit (Permit No. 41444) was granted in April 1977. Currently there is no existing infrastructure in place to utilize this surface water right however the City is currently pursuing a feasibility study to determine hydraulic connectivity for shallow wells to access the surface water. The extended completion date has been approved for October 1, 2055.

3.2 Water Storage

The City currently has six water reservoirs in operation McNary, Port, Intertie, McFarland (2), and Coyote High. Well and reservoir locations can be seen in Figure 2 in Appendix A. The following is a summary of the City reservoirs.

McNary Reservoir – 1.8 MG welded steel ground reservoir, 32 feet high and 100 feet in diameter. Filled directly from the Golf Course Well and Port Well. Provides storage capacity mainly for the McNary residential and Port Industrial, however it can provide water to the Low Level System through a bypass at the McNary Booster Pump Station.

Port Reservoir – 125,000 gallon elevated steel tank. Filled by the Golf Course Well. Provides storage capacity for the High Level McNary System.

Intertie Reservoir – 1.5 MG welded steel ground reservoir, 65 feet high and 63 feet in diameter. Filled primarily by the Intertie Well but can also be filled from the High Level McNary/Port System.

McFarland Reservoirs – 150,000 gallon concrete ground reservoir and a 500,000 gallon welded steel ground reservoir. Filled primarily by the McFarland Well but can be filled by the Intertie Reservoir. Serves the Coyote High Level System and the Low Level System.

Coyote High Reservoir – 700,000 gallon welded steel ground reservoir. Filled by the McFarland Reservoirs. Serves Coyote High Level System and Powerline High Level System.

3.3 Water Needs Analysis

For the McFarland, Intertie, Golf Course, and Port Wells the production is less than the water right. Table 3-2 summarizes the existing water rights, well production, water demands with the

study area connected. The addition of the Brownell and Power City study areas add additional demand to the City Water System, which appear to be adequately handled by the existing sources and storage capacity. A water system update would need to determine long-term impacts and improvements needed for source and storage. Well pump upgrades may be considered for near-term needs but may exacerbate falling groundwater levels and therefore is not a long-term viable solution. The purpose of Table 3-2 is to show that the City has adequate water rights to meet the additional water demands of the Brownell and Power City study areas.

Table 3-2 – Groundwater Well Capacity

Source	Existing Water Right (cfs/gpm/MGD)	Existing Production Rate (gpm/MGD)	Study Area PDD (gpm/MGD)	Existing Rate + Study Area PDD (gpm/MGD)	Study Area
McFarland Well	2.28 / 1,023 / 1.474	505 / 0.727	8 / 0.012	513 / 0.739	Brownell
Intertie Well	8.9 / 3,994 / 5.752	602 / 0.867	73 / 0.105	675 / 0.972	Brownell and Power City
Golf Course Well	8.9 / 3,994 / 5.752	1,762 / 2.537	73 / 0.105	1,835 / 2.642	Brownell and Power City
Port Well	4.46 / 2,000 / 2.883	1,769 / 2.547	73 / 0.105	1,842 / 2.652	Brownell and Power City

The Brownell study area will be located within the Low Level System pressure zone, as explained in Section 4.2.2, which is supplied by the Intertie Well (primary) and can also be served by the McFarland Well (secondary), Golf Course Well (secondary), or Port Well (secondary). The addition of the Brownell study area will add additional demand to these wells.

As explained in Section 4.2.3, the Power City study area could be supplied by the Intertie Well (primary or secondary), Golf Course Well (primary), or Port Well (secondary) depending on the new system connection location. The addition of the Power City study area will add additional demand to these wells.

4 PROPOSED IMPROVEMENTS

4.1 Distribution System

4.1.1 Brownell Water Distribution System

The City's Water System has existing infrastructure in the Brownell study area. The existing infrastructure within Cherry Street has been deemed undersized to satisfy the design criteria established above, furthermore the existing 2-inch diameter pipe does not extend to the full extents of the Brownell study area. There is an existing 4-inch diameter pipe within Locust Street that is undersized per minimum pipe size standards but is able to accommodate two additional services. Improvements to up-size the mainline will be addressed in the future once funding is available to replace mainlines on private property. The existing 6-inch diameter pipeline running north-south in Division Street has been identified as the nearest adequately sized pipe for intertie. The existing infrastructure in the Brownell study area will remain in service and will not be impacted by the proposed improvements, existing infrastructure is shown in Figure 5 and Figure 6 of Appendix A.

Figure 15 in Appendix A shows a hydraulic profile schematic of the City's Water System. The Brownell study area is located within the existing Low Level System pressure zone and ranges in elevation from 319 feet to 326 feet. The Low Level System is supplied by the Intertie Well (primary) and can also be served by the McFarland Well (secondary), Golf Course Well (secondary), or Port Well (secondary).

The proposed improvements include new potable water main that will connect to the existing 6-inch diameter pipeline at the intersection of Division Street and Cherry Street. The new water main will be installed both to the west and east extents of Cherry Street parallel to existing infrastructure. At the west end of Cherry Street, a stub will be installed to the south to connect homes within the cul-de-sac. At the intersection of Cherry Street and Brownell Boulevard, the new water main will extend north to Robinett Street where it will turn west and extend down Robinett Street approximately 200 feet. See Figure 5 of Appendix A.

Water demands in gallons per minute (gpm) per connection for the study area were determined from the appropriate demands calculated in Table 2-3. Pipe size was determined by following the pipe sizing criteria identified in Section 2.2.3. Proposed pipes were originally set to the minimum 8-inch diameter mainline for non-looped systems and increased if necessary to meet the minimum pipe size requirements. Recommended pipe sizes are shown in Figure 5 and Figure 6 of Appendix A. Three modeling scenarios were run, the ADD to determine average expected pressures, the PHD to check that pressures remained greater than 35 psi, and the PDD with fire flow to determine the maximum fire flow available while satisfying the minimum pipe size requirements. It should be noted that since the new potable water main will not be looped, it is recommended that fire hydrants or approved flushing hydrants or blow-offs be installed where these dead ends occur. Additionally, pressures are expected to be over 80 psi due to the existing City system, it is recommended that pressure reducing valves (PRVs) are installed on individual service connections.

Estimated costs for the new potable water main are in Appendix B. The City will be able to utilize the existing right of way for the installation of the new water main. The existing system is assumed to remain in place.

4.1.2 Power City Water Distribution System

The City's Water System has existing infrastructure near the Power City study area. The Intertie Reservoir and Intertie Well lie approximately 1,500 feet north of the Power City community along with a 16-inch diameter discharge pipe from the Intertie Reservoir to the Low Level System. There is also a 12-inch diameter pipe approximately 2,300 feet north, running east-west along U.S. Route 730, from the McNary High Level System. Two alternatives were considered to extend water to the Power City study area based on the existing infrastructure; Alternative 1 includes connection to the Intertie Reservoir via a new booster pump station and Alternative 2 includes connection to the 12-inch diameter pipeline and the McNary High Level System. Beyond these connection points, a new distribution system would need to be installed. The storage capacity of the system reservoirs was not considered as part of this technical memorandum but should be reviewed during future master planning efforts.

Figure 15 in Appendix A shows a hydraulic profile schematic of the City's Water System. The Power City study area is within the existing Coyote High Level System pressure zone and ranges in elevations from 426 feet to 450 feet. The new Power City pressure zone would be supplied by the Intertie Well (primary) in Alternative 1 (New Intertie Booster Pump Station). In Alternative 2 (McNary High Level System Intertie) the Power City zone would be supplied by the Golf Course Well (primary), Port Well (secondary), or Intertie Well (secondary).

4.1.2.1 Intertie Booster Station – Alternative 1

The Intertie Reservoir has an overflow elevation of 521 feet and a base elevation of 456 feet. The Power City study area has an elevation range of 426-450 feet. The Intertie Reservoir would be able to provide a static pressure 41 psi to the lowest elevations within the Power City study area when full and a static pressure of 3 psi when empty to the highest elevations within the study area. Due to the inability of the Intertie Reservoir to provide adequate water pressure to the Power City study area, a new Intertie Booster Station near the Intertie Reservoir would be proposed. Table 4-1 summarizes the total capacity requirements of the Intertie Booster Station to meet the PHD and the required fire flow demand.

Table 4-1 – Intertie Booster Station

Demand	Capacity (gpm)	TDH (ft)	Total Minimum Horsepower (HP)
PHD	104	160	7.5
Fire Flow	1,500	160	100

New potable water main would be installed south of the proposed Intertie Booster Station along Lind Road, with looping spur lines heading east along Margaret Avenue, Power City Road, and Union Street.

Water demands in gallons per minute (gpm) per connection for the study area were determined from the appropriate demands calculated in Table 2-3. Pipe size was determined by following the pipe sizing criteria identified in Section 2.2.3. Proposed pipes were originally set to the minimum 6-inch diameter loops and 8-inch diameter mains for looped systems and increased as necessary to meet the minimum pipe size requirements. Resulting pipe size is shown in Figure 7 and Figure 8 of Appendix A. Three modeling scenarios were run, the ADD to determine average expected pressures, the PHD to check that pressures remained greater than 35 psi, and the PDD with fire flow to determine the maximum fire flow available while satisfying the minimum pipe size requirements.

In anticipation for the potential development adjacent to Lind Road, the main transmission line was upsized per recommendations in the City's existing Beneficial Reuse Feasibility Analysis. Figure 9 and Figure 10 of Appendix A show the recommended pipe sizes for the Intertie Booster Station alternative. This recommendation also upsizes the looping distribution pipe from the minimum pipe sizes to increase system capacity and performance. Upsizing Intertie Booster Pump Station is needed to accommodate the additional connections and potential development. Table 4-2 summarizes the total capacity requirements of the upsized Intertie Booster Station to meet the PHD and the required fire flow demand of near-term demands, long-term demands could require additional pumping capacity at the Intertie Booster Station.

Further analysis of the water system extents and demands should be done as part of the Water System Plan.

Table 4-2 – Intertie Booster Station (Upsized)

Demand	Capacity (gpm)	TDH (ft)	Total Minimum Horsepower (HP)
PHD	198	160	15
Fire Flow	2,500	160	150

Estimated costs for the upsized Intertie Booster Station alternative and recommended pipe sizes are in Appendix B. The City would be able to utilize the existing right of way for the installation of the new water main where possible and would need to purchase or acquire a utility easement where right of way does not exist. The existing system capacity and condition was not analyzed therefore the cost estimate does not include costs for upsizing the existing system.

4.1.2.2 McNary High Level System Intertie – Alternative 2

In this alternative, the Power City system would be fed from the McNary High Level system via an intertie at the intersection of U.S. Route 730 and Lind Road. As the highest reservoir in the McNary High Level System, the Port Reservoir was assumed to be supplying the Power City system in this analysis. The Port Reservoir has an overflow elevation of 654.5 feet and a base elevation of 628.5 feet. The Power City study area has an elevation range of 426-450 feet. The Port Reservoir would be able to provide a static pressure of 99 psi to the lowest elevations within the Power City study area when full and a static pressure of 77 psi when empty to the highest elevations within the study area. Based on the available static pressure from the Port Reservoir and the McNary High Level System, the Power City study area could be supplied without a new booster station. Due to the excessive pressures expected system wide in the Power City system, a pressure reducing vault (PRV) is proposed to reduce system pressures. The proposed PRV station would be installed near the Intertie Well/Reservoir site to avoid easement or land purchasing requirements. The PRV station is proposed to reduce incoming pressures to 62 psi on the discharge of the station to provide operating system pressures as established in Section 2.2.3. Another alternative would be to install PRVs on individual service connections.

From the intersection of U.S. Route 730 and Lind Road, new potable water main would be installed south along Lind Road, with looping spur lines heading east along Margaret Avenue, Power City Road, and Union Street.

Water demands in gallons per minute (gpm) per connection for the study area were determined from the appropriate demands calculated in Table 2-3. Pipe size was determined for the preliminary layout using the Hazen-Williams equation. Pipe sizing criteria is identified in Section 2.2.3. Proposed pipes were originally set to the minimum 6-inch diameter loops and 8-inch diameter mains for looped systems and increased as necessary to meet the minimum pipe size requirements. Resulting pipe size is shown in Figure 11 and Figure 12 of Appendix A. Three modeling scenarios were run, the ADD to determine average expected pressures, the PHD to

check that pressures remained greater than 35 psi, and the PDD with fire flow to determine the maximum fire flow available while satisfying the minimum pipe size requirements.

In anticipation for the potential development adjacent to Lind Road, the main transmission line was upsized per recommendations in the City's existing Beneficial Reuse Feasibility Analysis. The upsized transmission line and other minimum pipe sizes are shown in Figure 13 and Figure 14 of Appendix A. This recommendation also upsizes the looping distribution pipe from the minimum pipe sizes to increase system capacity and performance. Further analysis of the water system extents and demands should be done as part of the Water System Plan.

Estimated costs for the upsized McNary High Level System Intertie alternative are in Appendix B. The new water main would require a 30-inch casing pipe to be bored underneath U.S. Route 730 per the recommended pipe sizes. The City would be able to utilize the existing right of way for the installation of the new water main where possible and would need to purchase or acquire a utility easement where right of way does not exist. The existing system capacity and condition was not analyzed therefore the cost estimate does not include costs for upsizing the existing system.

4.2 Summary of Project Costs

Due to the costs of Alternative 1 (Intertie Booster Station), one could see a cost savings in the McNary High Level System Intertie alternative (Alternative 2) with the similar system operations. Alternative 2 would be recommended if no additional development is expected from the scope of this technical memorandum. However, additional development is expected near the Power City study area, therefore Alternative 1 is recommended. Operation and maintenance costs associated with Alternative 1 are higher than Alternative 2 due to the booster pump station. Additional up-sizing due to the recommended alternative improvements may be necessary as development occurs dependent on the type of new developments. The greater Power City/395 Corridor area will be analyzed with the upcoming Water Master Plan update. Table 4-3 shows a summary of project costs, individual cost estimates are included in Appendix B.

Table 4-3 – Summary of Project Costs

Project	Total Improvement Cost
Brownell	\$400,000
Power City – Intertie Booster Station	\$3,700,000
Power City – McNary High Level System Intertie	\$2,900,000

5 SUMMARY

Connecting the Brownell and Power City study areas to the City of Umatilla Water System provides an opportunity to increase fire flow and reliability to these areas. The City's existing source capacity and water rights are adequate to meet the needs of the additional areas. This technical memorandum provides recommendations and alternatives for the distribution piping and booster pumps needed to serve the areas, along with their associated costs. It is recommended that the City develop a Water System Plan that identifies system distribution and storage needs to further enhance water delivery throughout their water system. It is recommended that the Brownell and Power City study areas be connected to the City of Umatilla's Water System, provided there is funding for the projects.

6 REFERENCES

Anderson Perry & Associates. (2008). *City of Umatilla Oregon Water System Master Plan*. La Grande.

City of Umatilla. (2019). *2019 Annual Water Meter Data*. Umatilla.

HBH Consulting Engineers. (2012). *Power City Co-Op Water System Recommended Improvements*. Newberg.

J-U-B Engineers, Inc. (2018). *Beneficial Reuse Feasibility Analysis*. Umatilla.

Oregon Water Resources Department. (2020, 02 18). *Water Use Report*. Retrieved from Oregon Water Resources Department: https://apps.wrd.state.or.us/apps/wr/wateruse_query/

Appendix A – Figures

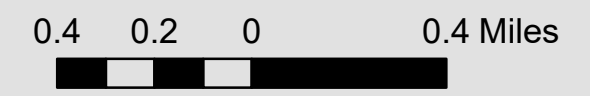
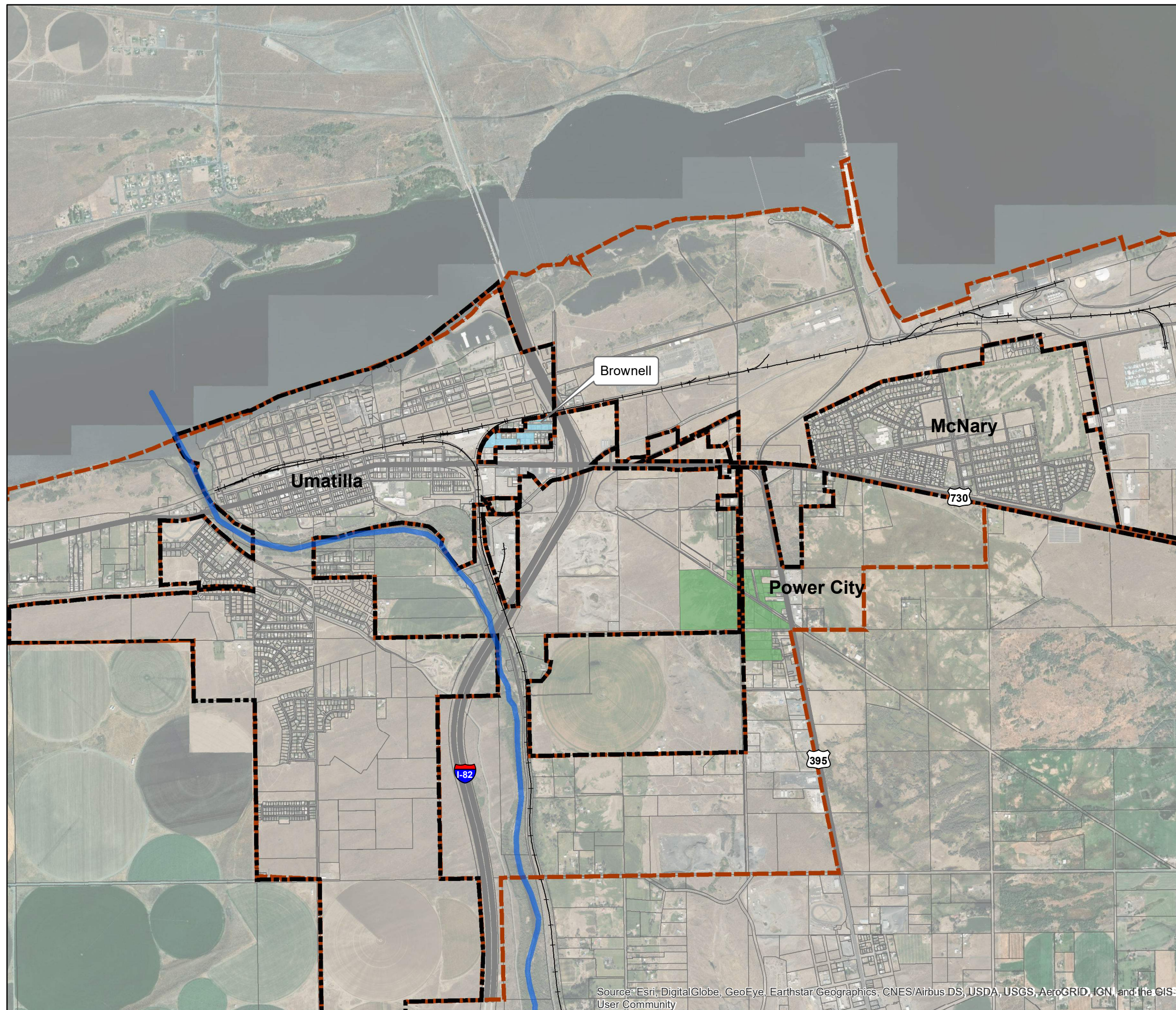


Figure 1

Study Area

Legend

- City Limit
- Urban Growth Area
- Major Streets
- Highway/Interstate
- Railroad
- Umatilla River
- Power City
- Brownell



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Date: Mar 24, 2020



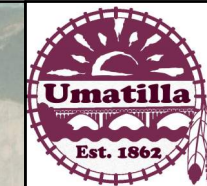


Figure 2

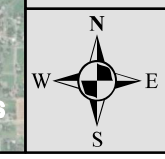
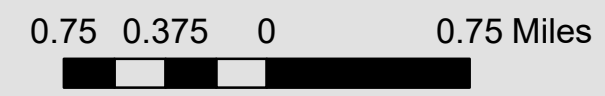
Groundwater Well And Reservoir Locations

Legend

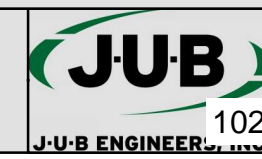
- City Limit
- Urban Growth Area
- Major Streets
- Highway/Interstate
- Railroad
- Umatilla River
- Power City
- Brownell
- Existing Well and Reservoir

Pressure Zones

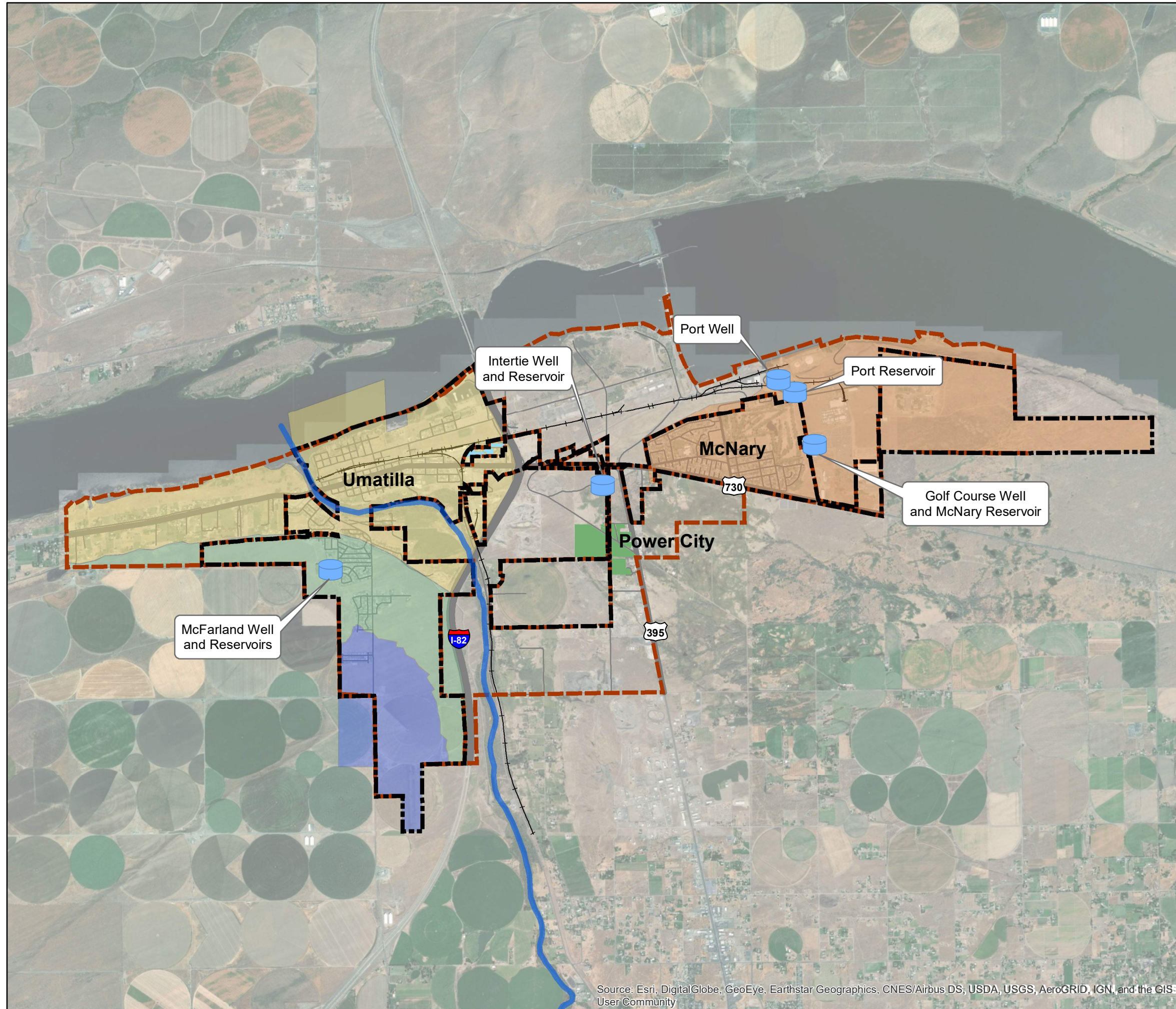
- McNary High Level System
- Low Level System
- Coyote High Level System
- Powerline High Level System



Date: Mar 24, 2020



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



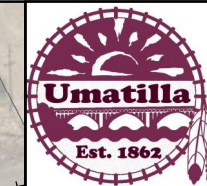
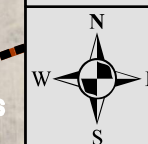
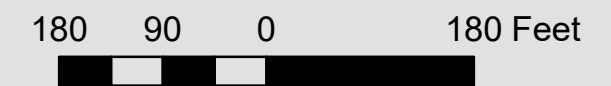
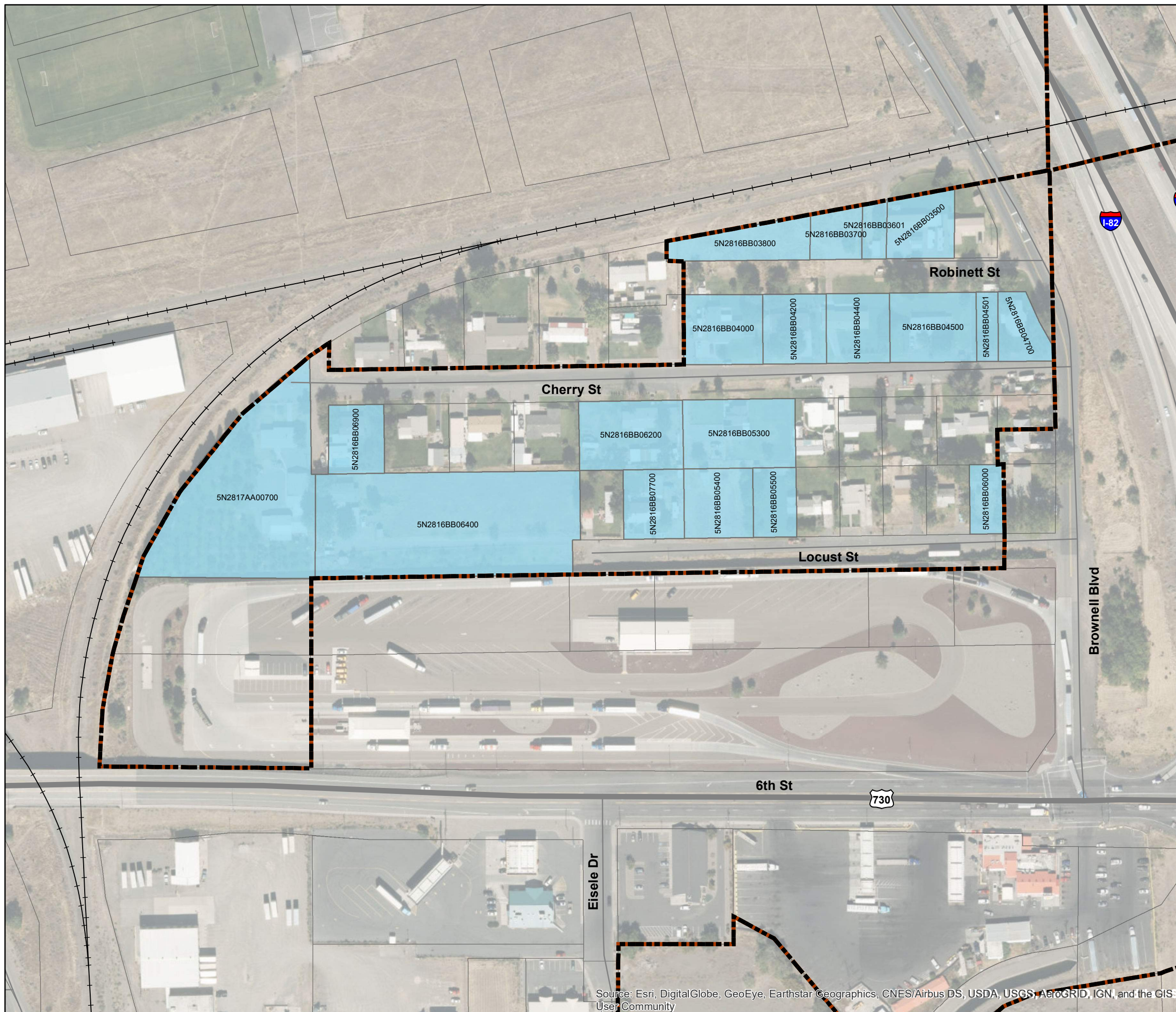


Figure 3

Brownell Study Area

Legend

- City Limit
- Urban Growth Area
- Major Streets
- Highway/Interstate
- Railroad
- Brownell Parcels
- Parcels



Date: Mar 23, 2020



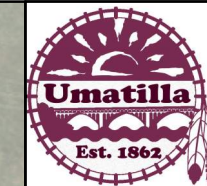
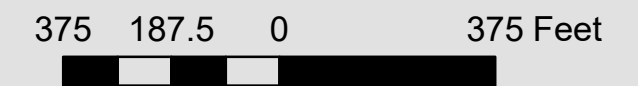


Figure 4

Power City Study Area

Legend

- City Limit
- Urban Growth Area
- Major Streets
- Highway/Interstate
- Railroad
- Power City Parcels
- Parcels



Date: Mar 23, 2020



ID	Tax Lot ID
1	5N2815CC00800
2	5N2815CC00900
3	5N2815CC01000
4	5N2815CC01200
5	5N2815CC01300
6	5N2815CC01500
7	5N2815CC01600
8	5N2815CC01800
9	5N2815CC02200
10	5N2815CC02400
11	5N2815CC02500
12	5N2815CC02600
13	5N2815CC02700
14	5N2815CC02800
15	5N2815CC02900
16	5N2815CC02901
17	5N2815CC03000
18	5N2815CC03400
19	5N2815CC03500
20	5N2815CC03600
21	5N2815CC03700
22	5N2815CC03900
23	5N2815CC03902
24	5N2815CC04000
25	5N2815CC04001
26	5N2815CC04090
27	5N2815CC04091
28	5N2815CC04100
29	5N2815CC04200
30	5N2815CC04300
31	5N2815CC04400
32	5N2816DD00100
33	5N2816DD00200
34	5N2816DD00400
35	5N2822BB01000
36	5N2822BB01100
37	5N2822BB01200
38	5N2822BB01300
39	5N2822BB01700
40	5N2822BB01800
41	5N2822BB01900

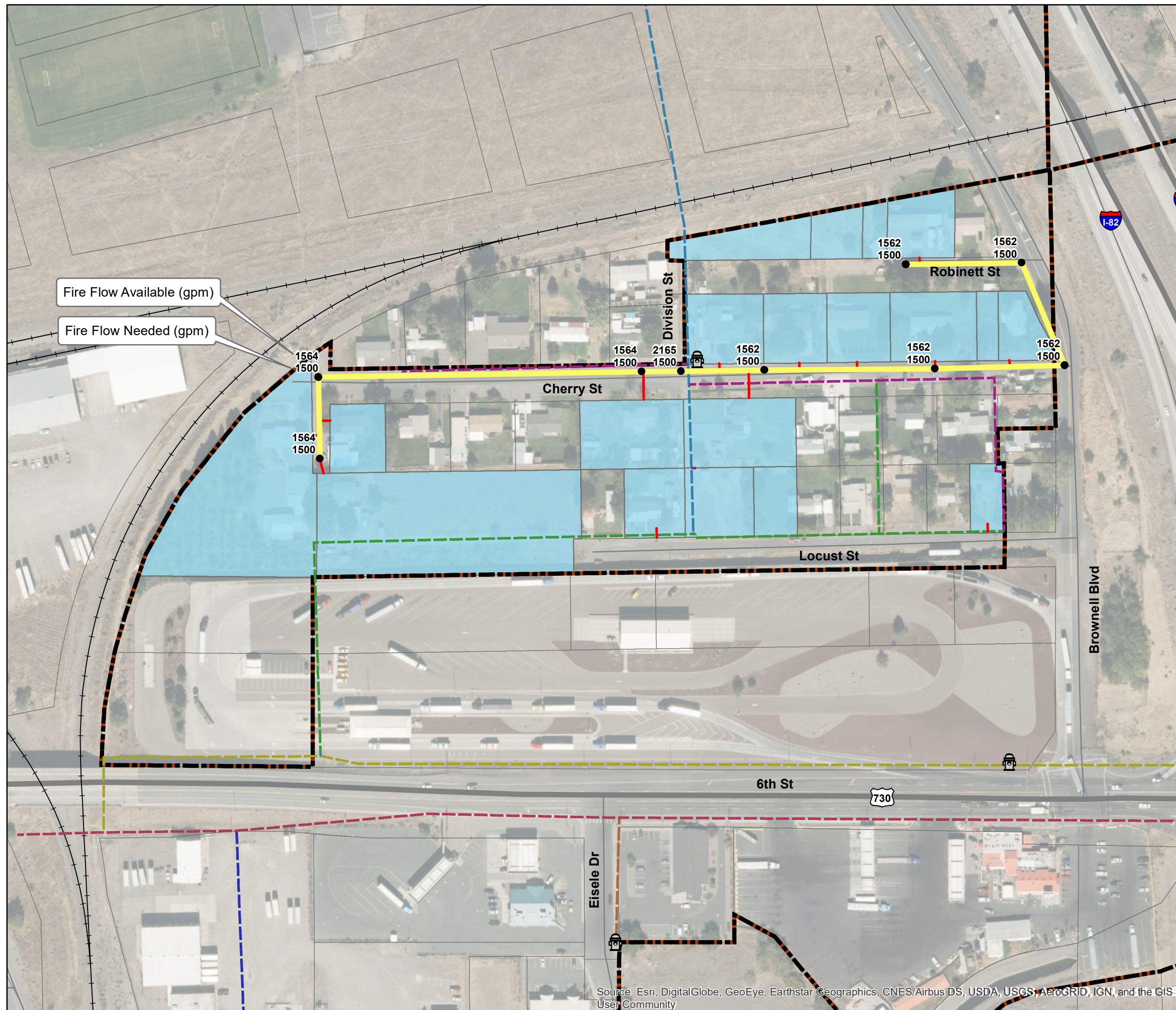


Figure 5

Brownell Pipe Sizes And Fire Flow

Legend

- | | | |
|--|--------------------|---------------------------|
| | City Limit | New Pipe Size |
| | Urban Growth Area | 8" |
| | Major Streets | Existing Pipe Size |
| | Highway/Interstate | 2" |
| | Railroad | 4" |
| | New Water Service | 6" |
| | Brownell Parcels | 8" |
| | Parcels | 10" |
| | Fire Hydrant (E) | 12" |
| | | 16" |



Fire Flow Available (gpm)

Fire Flow Needed (gpm)



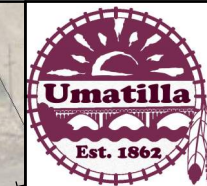
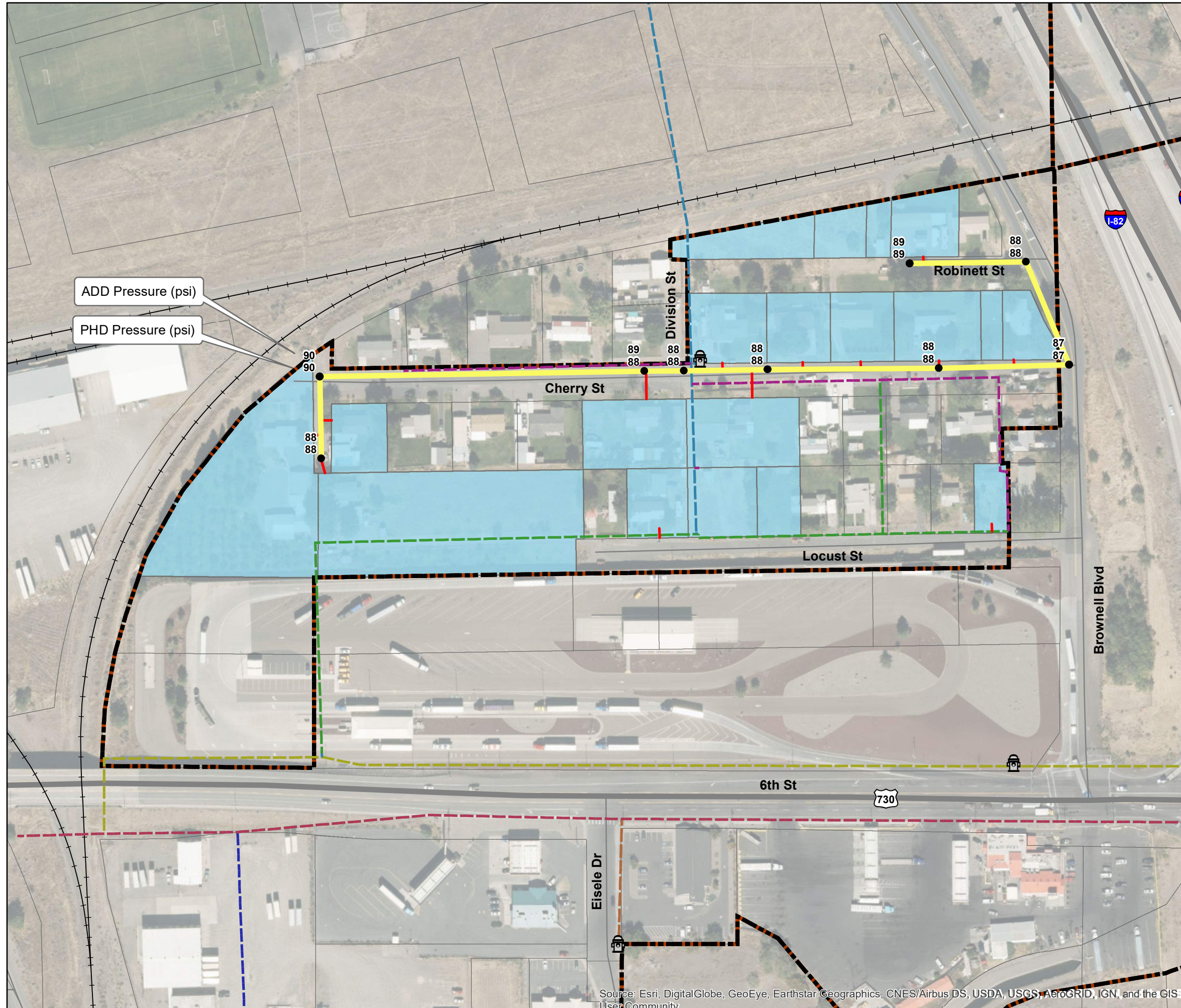


Figure 6

Brownell ADD And PHD Pressures



ADD Pressure (psi)
PHD Pressure (psi)

Legend	
	City Limit
	Urban Growth Area
	Major Streets
	Highway/Interstate
	Railroad
	New Water Service
	Brownell Parcels
	Parcels
	Fire Hydrant (E)
New Pipe Size	
	8"
Existing Pipe Size	
	2"
	4"
	6"
	8"
	10"
	12"
	16"



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure 7

Power City Minimum Pipe Sizes With Fire Flow (Intertie Booster)

Legend

	City Limit	New Pipe Size
	Urban Growth Area	6"
	Major Streets	8"
	Highway/Interstate	10"
	Railroad	Existing Pipe Size
	New Pump Station	2"
	Existing Well	4"
	Existing Reservoir	6"
	New Water Service	8"
	Power City Parcels	10"
	Parcels	12"
		16"

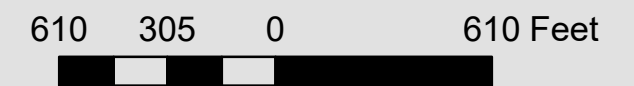
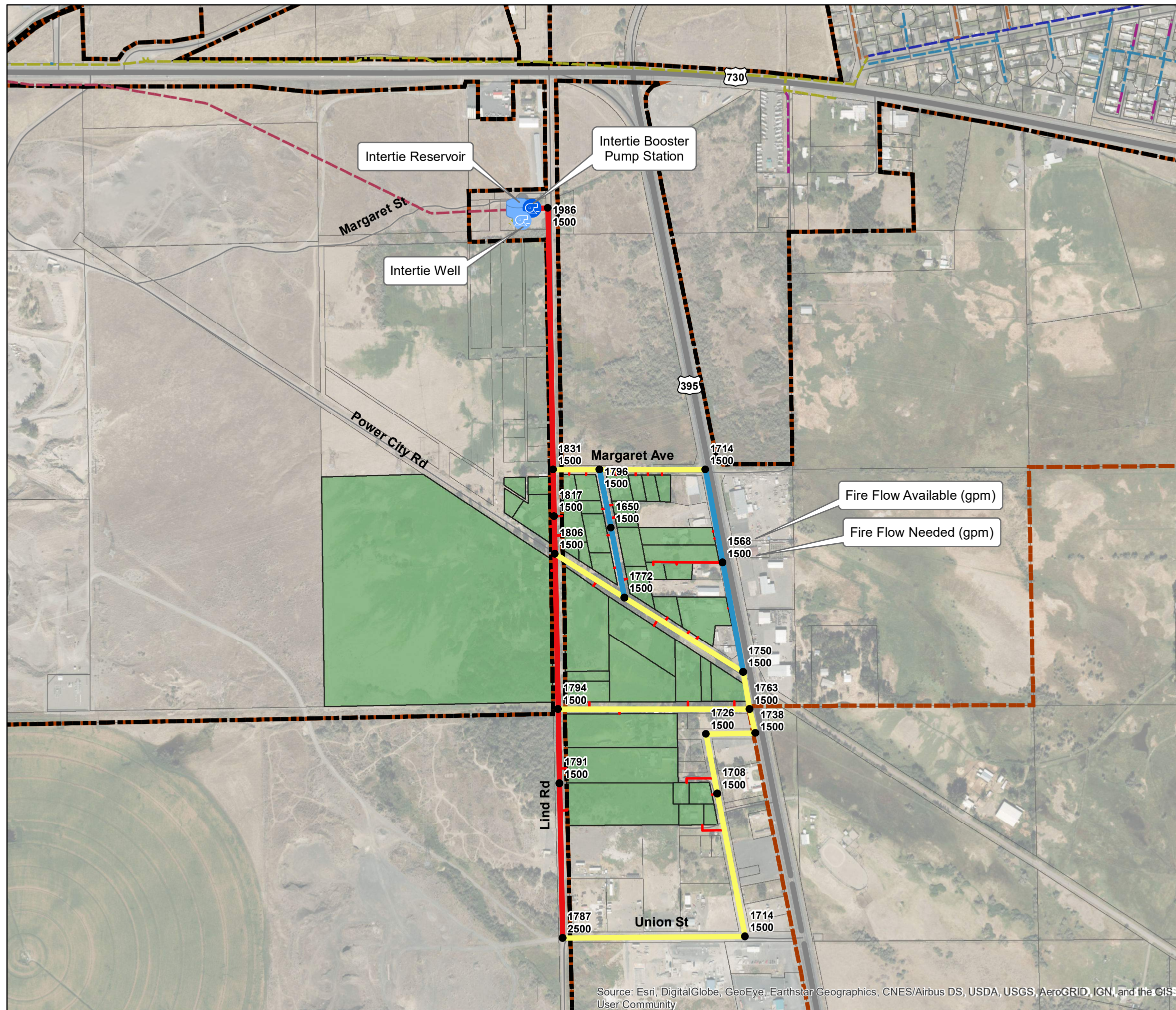
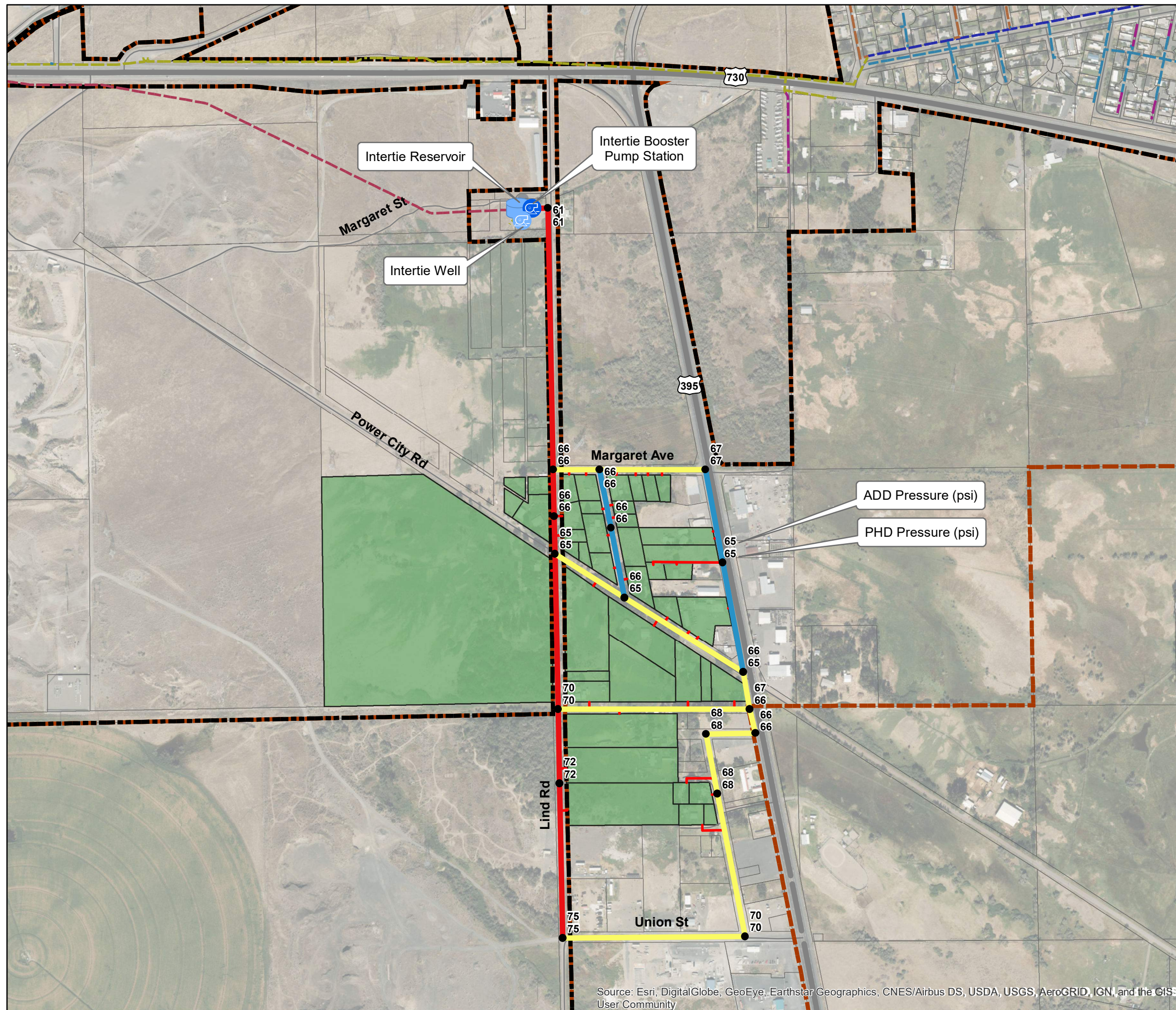




Figure 8

Power City ADD And PHD Pressures (Intertie Booster)



Legend

- | | | |
|--|--------------------|---------------------------|
| | City Limit | New Pipe Size |
| | Urban Growth Area | 6" |
| | Major Streets | 8" |
| | Highway/Interstate | 10" |
| | Railroad | Existing Pipe Size |
| | New Pump Station | 2" |
| | Existing Well | 4" |
| | Existing Reservoir | 6" |
| | New Water Service | 8" |
| | Power City Parcels | 10" |
| | Parcels | 12" |
| | | 16" |

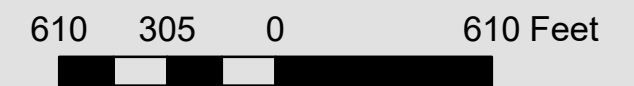




Figure 9

Power City Upsized Pipe Sizes With Fire Flow (Intertie Booster)

Legend

- | | | |
|--|--------------------|---------------------------|
| | City Limit | New Pipe Size |
| | Urban Growth Area | 8" |
| | Major Streets | 16" |
| | Highway/Interstate | Existing Pipe Size |
| | Railroad | 2" |
| | New Pump Station | 4" |
| | Existing Well | 6" |
| | Existing Reservoir | 8" |
| | New Water Service | 10" |
| | Power City Parcels | 12" |
| | Parcels | 16" |

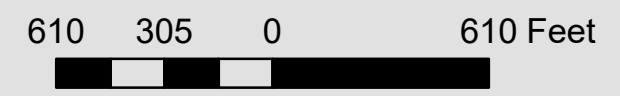
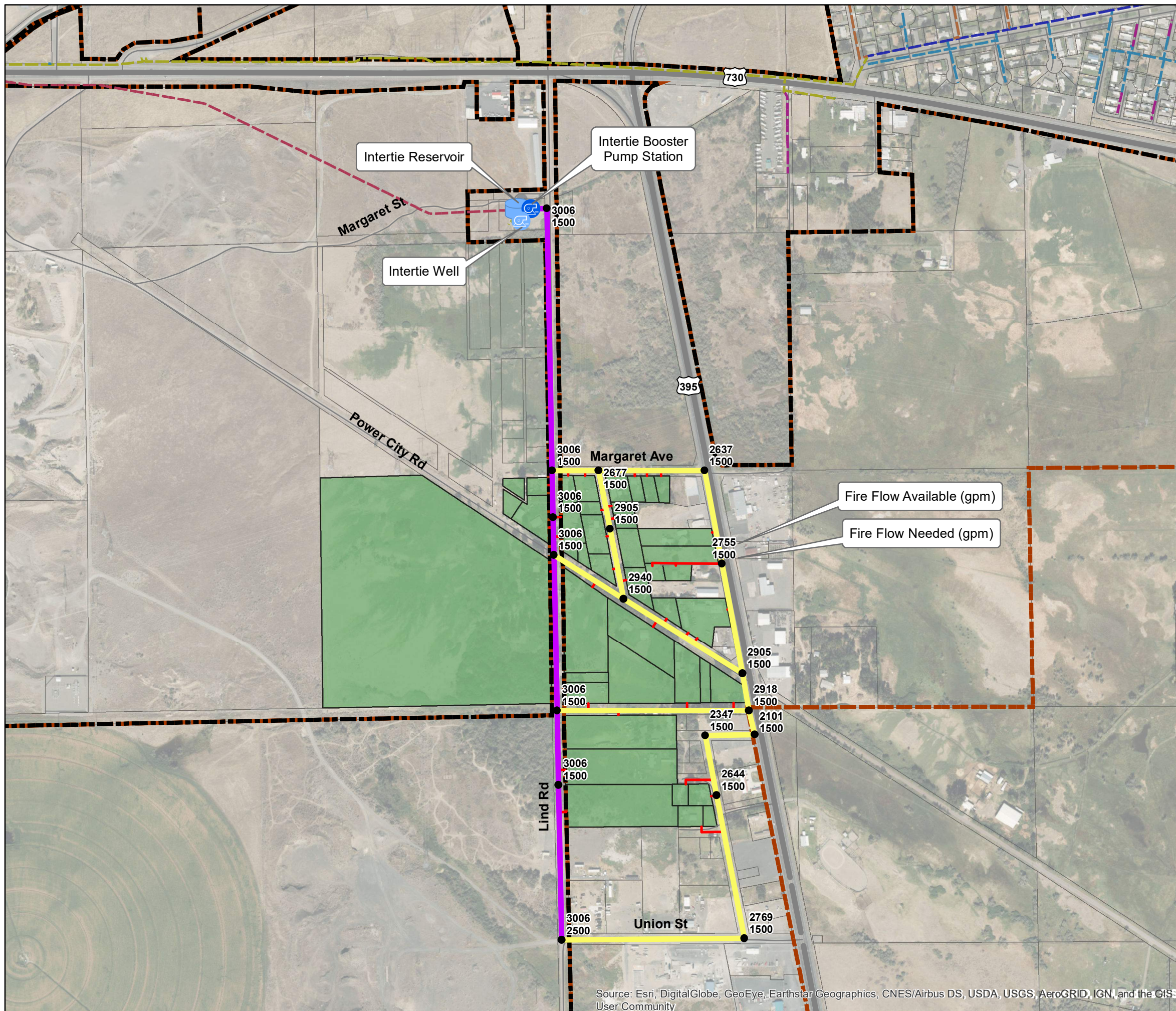


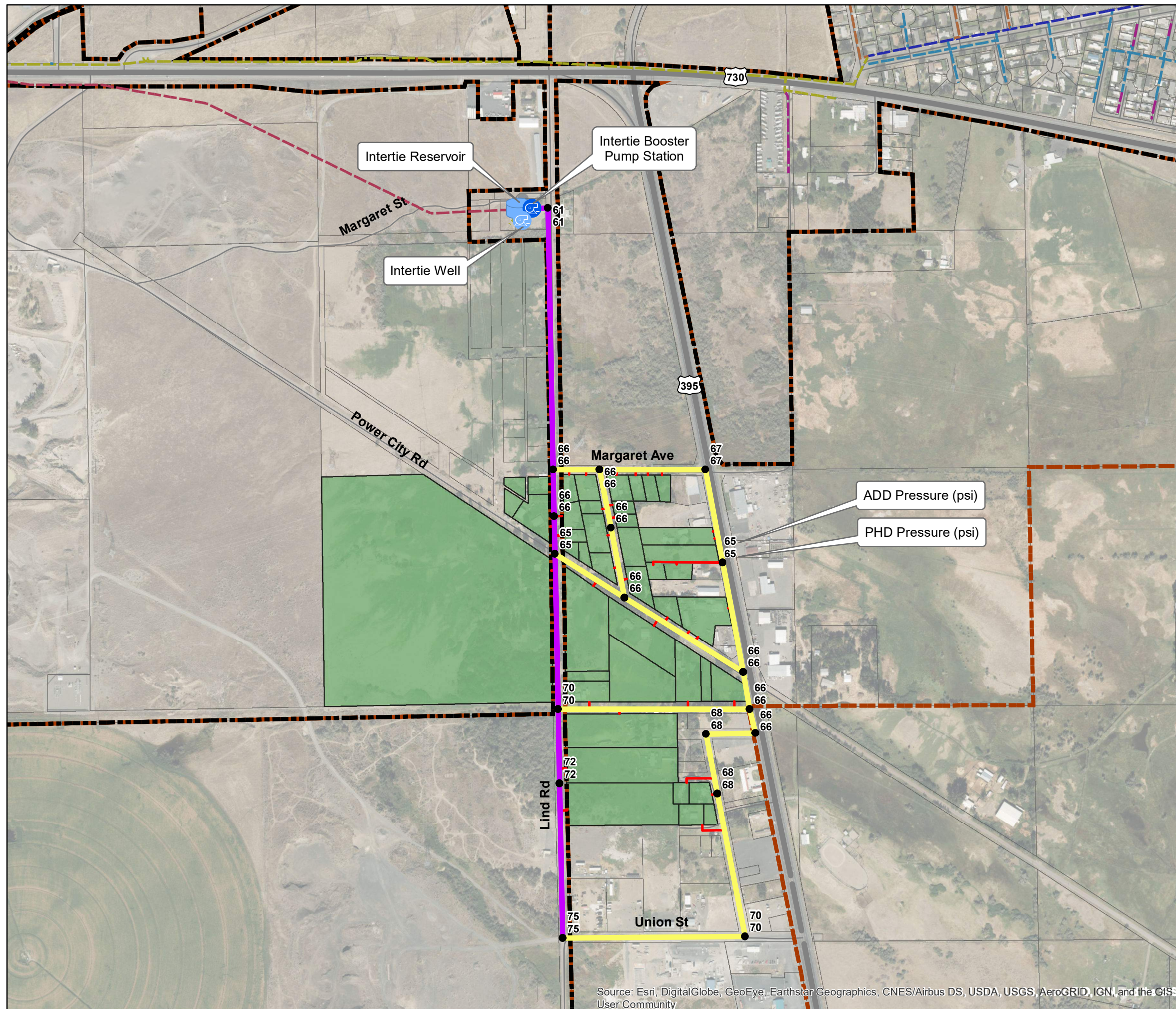


Figure 10

Power City ADD And PHD Pressures (Intertie Booster)

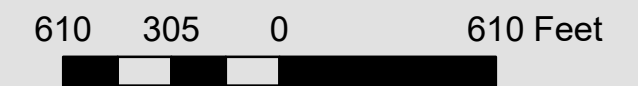
Legend

	City Limit	New Pipe Size
	Urban Growth Area	8"
	Major Streets	16"
	Highway/Interstate	Existing Pipe Size
	Railroad	2"
	New Pump Station	4"
	Existing Well	6"
	Existing Reservoir	8"
	New Water Service	10"
	Power City Parcels	12"
	Parcels	16"



ADD Pressure (psi)

PHD Pressure (psi)



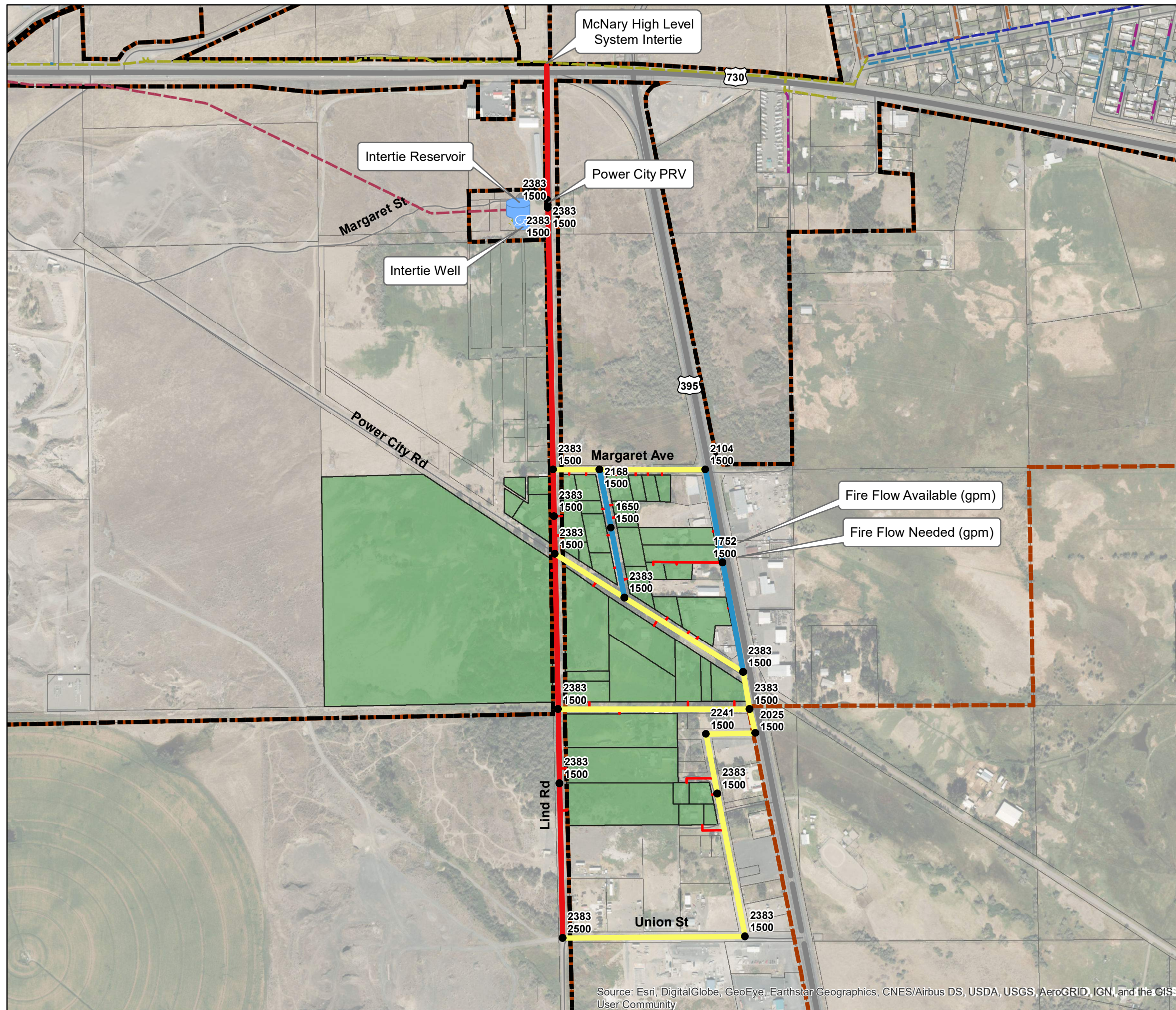
Date: Mar 26, 2020





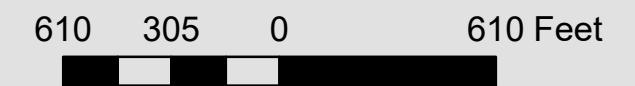
Figure 11

Power City Minimum Pipe Sizes With Fire Flow (McNary System Intertie)



Legend

- | | | |
|--|--------------------|---------------------------|
| | City Limit | New Pipe Size |
| | Urban Growth Area | 6" |
| | Major Streets | 8" |
| | Highway/Interstate | 10" |
| | Railroad | Existing Pipe Size |
| | Existing Well | 2" |
| | Existing Reservoir | 4" |
| | New Water Service | 6" |
| | Power City Parcels | 8" |
| | Parcels | 10" |
| | | 12" |
| | | 16" |



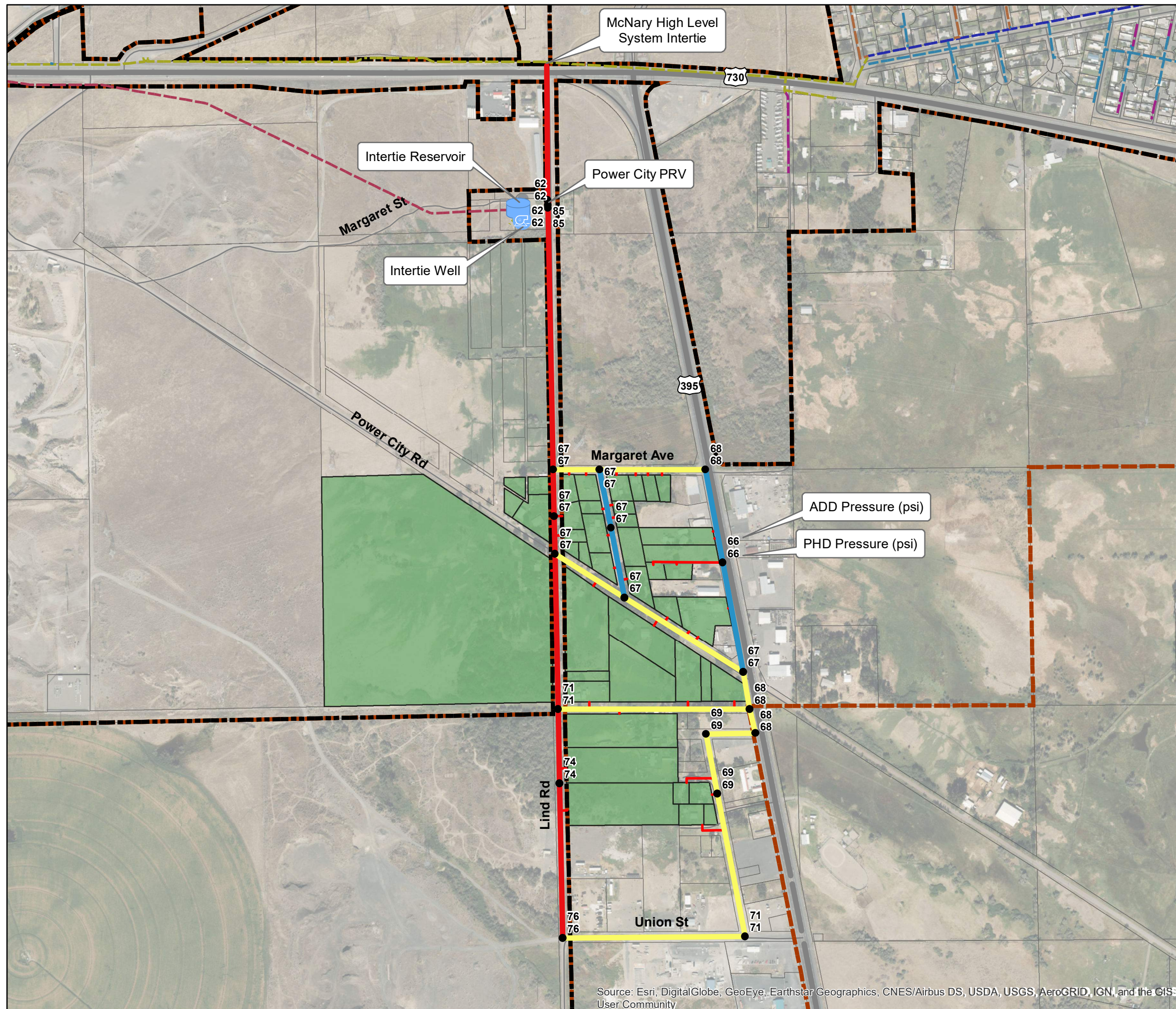
Date: Mar 26, 2020





Figure 12

Power City ADD And PHD Pressures (McNary System Intertie)



Legend

	City Limit	New Pipe Size
	Urban Growth Area	6"
	Major Streets	8"
	Highway/Interstate	10"
	Railroad	Existing Pipe Size
	Existing Well	2"
	Existing Reservoir	4"
	New Water Service	6"
	Power City Parcels	8"
	Parcels	10"
		12"
		16"



Date: Mar 26, 2020

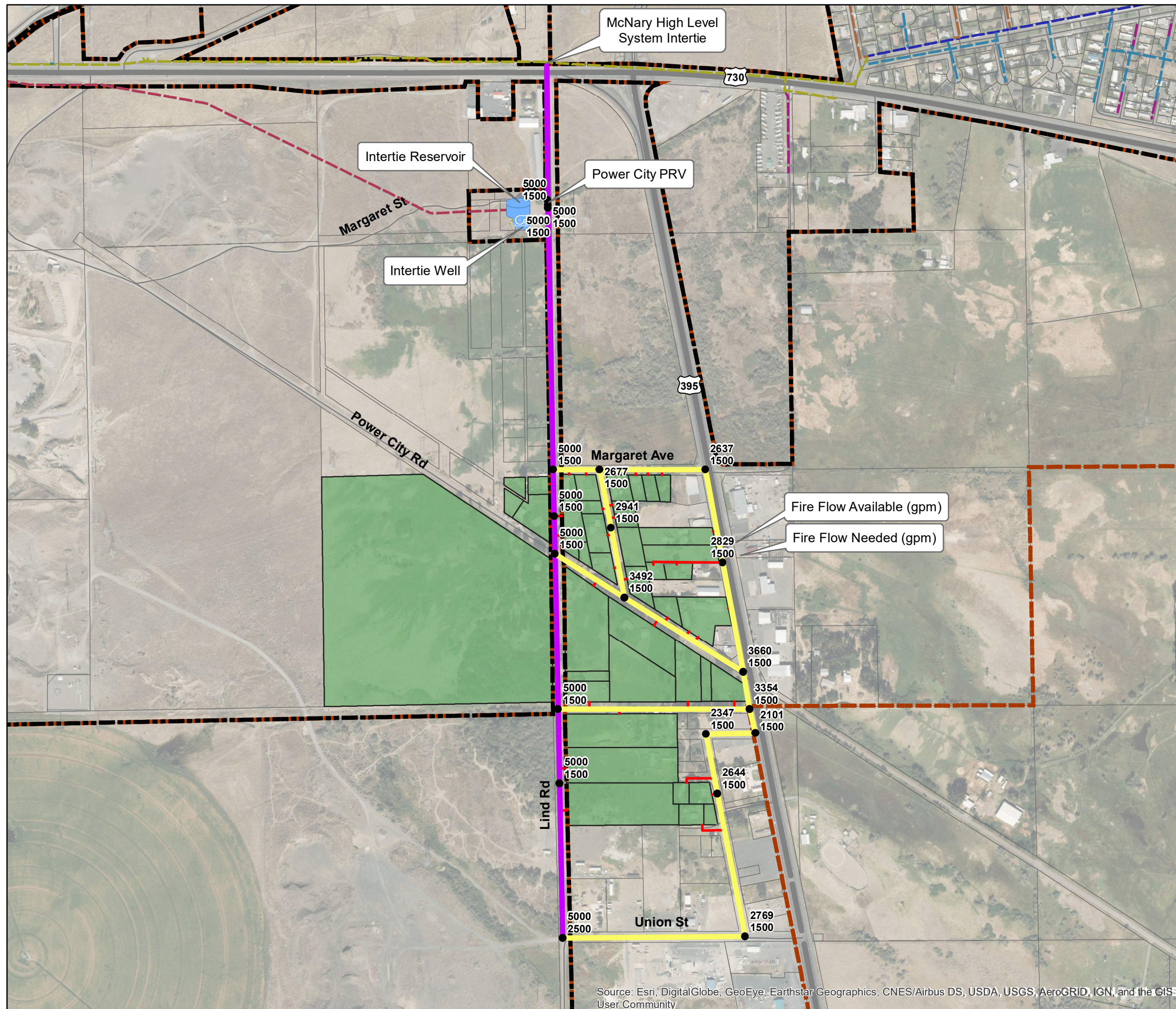


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure 13

Power City Upsized Pipe Sizes With Fire Flow (McNary System Intertie)



Legend

	City Limit	New Pipe Size
	Urban Growth Area	8"
	Major Streets	16"
	Highway/Interstate	Existing Pipe Size
	Railroad	2"
	Existing Well	4"
	Existing Reservoir	6"
	New Water Service	8"
	Power City Parcels	10"
	Parcels	12"
		16"



Date: Mar 26, 2020

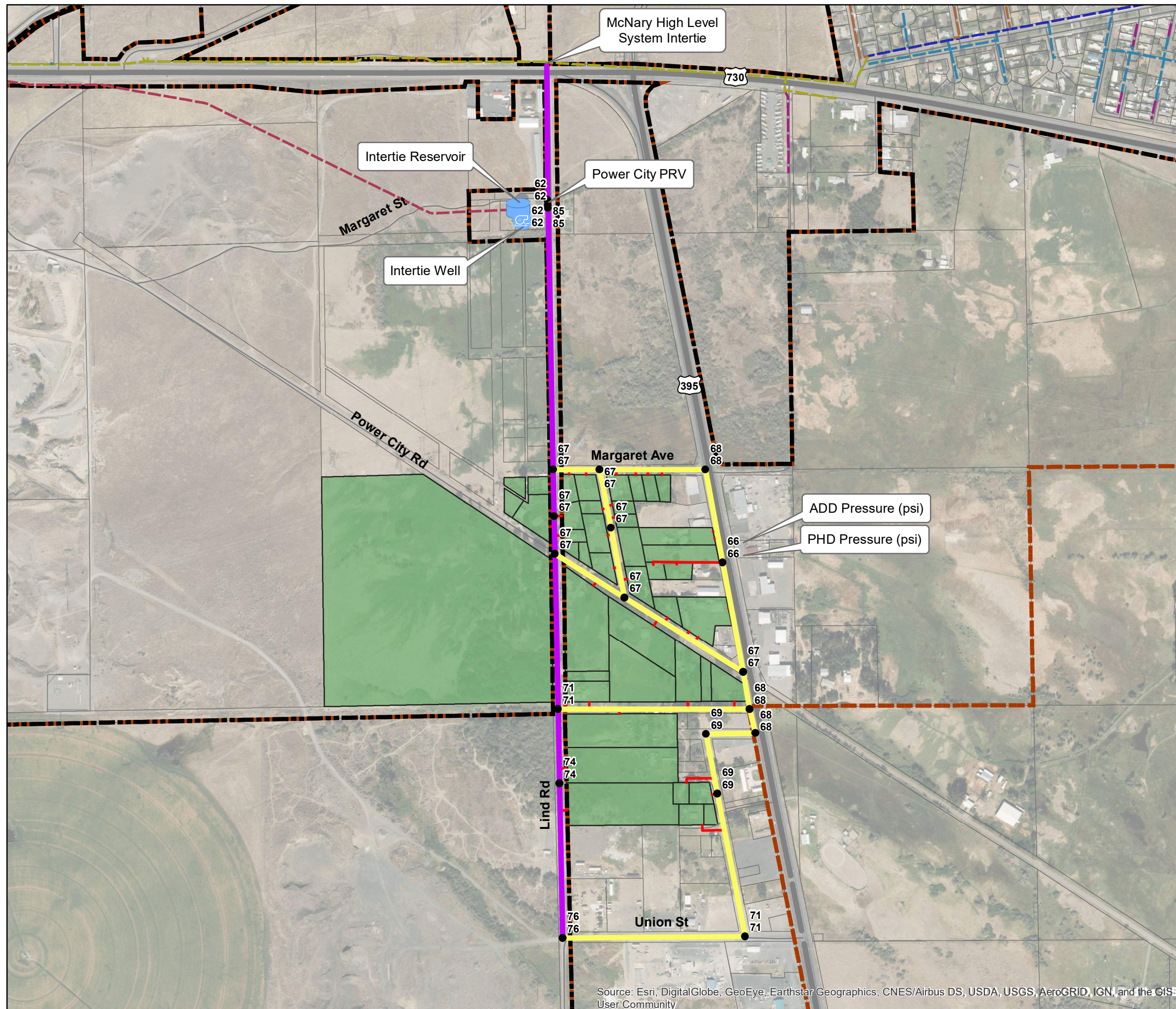


Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure 14

Power City ADD And PHD Pressures (McNary System Intertie)



Legend

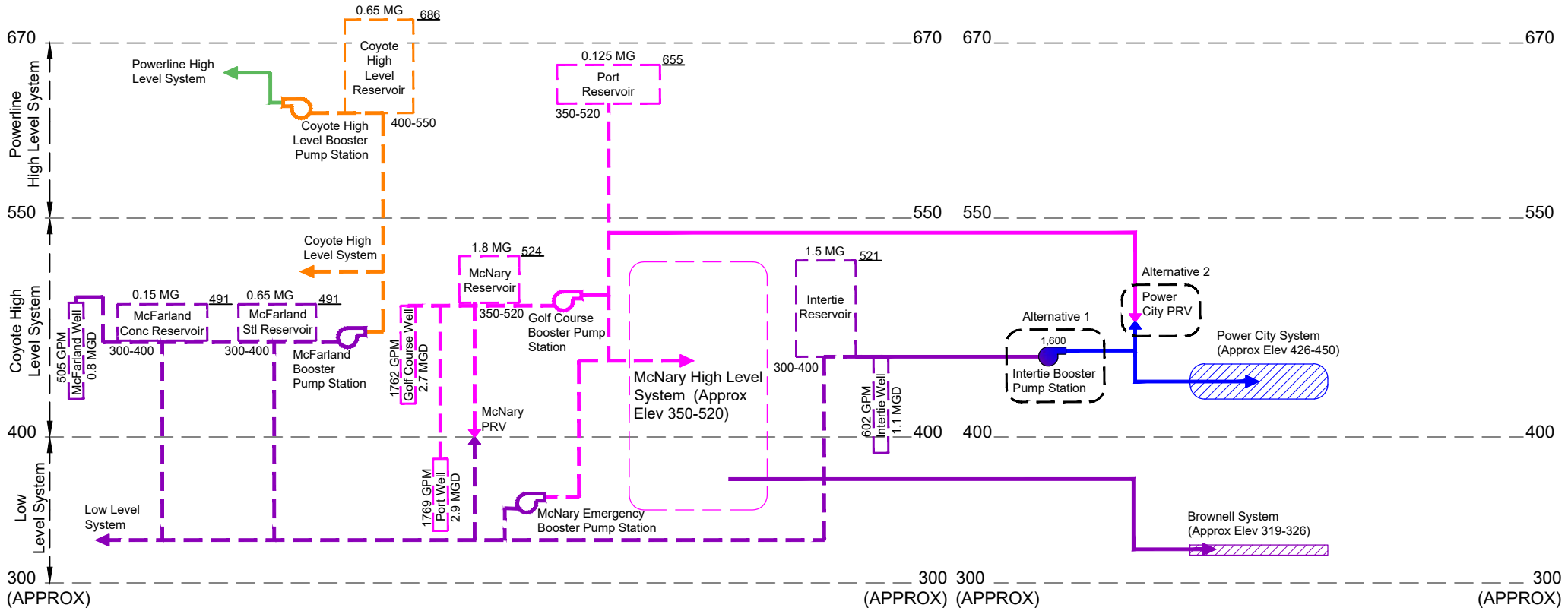
- | | | |
|--|--------------------|---------------------------|
| | City Limit | New Pipe Size |
| | Urban Growth Area | 8" |
| | Major Streets | 16" |
| | Highway/Interstate | Existing Pipe Size |
| | Railroad | 2" |
| | Existing Well | 4" |
| | Existing Reservoir | 6" |
| | New Water Service | 8" |
| | Power City Parcels | 10" |
| | Parcels | 12" |
| | | 16" |



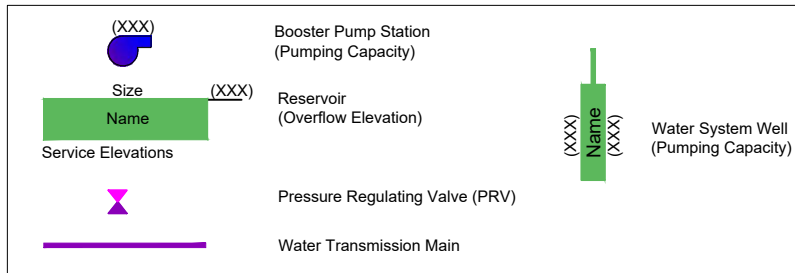
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

EXISTING

PROPOSED



Legend



City of Umatilla
Power City Water
Technical Memorandum
Figure 15
Water System
Hydraulic Profile Schematic 115

Appendix B – Preliminary Cost Opinions

**Water Project - Brownell Study Area
PLANNING LEVEL ESTIMATE
Power City Water Technical Memorandum**



Item No.	Item Description	Unit	Quantity	Adjusted Bid Prices	
				Unit Price (\$)	Amount (\$)¹
1	Mobilization²	LS	1	\$15,000	\$15,000
2	Traffic Control³	LS	1	\$15,000	\$15,000
3	Water Service Connections⁴	EA	13	\$3,100	\$40,300
4	8 Inch C900 PVC Pipe⁵	LF	1,831	\$80	\$146,480
SUBTOTAL 1				\$220,000	
CONSTRUCTION CONTINGENCY⁶				30%	\$66,000
SUBTOTAL 2				\$290,000	
ENGINEERING AND CONSTRUCTION ADMINISTRATION⁷				20%	\$58,000
TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY⁸				2%	\$5,800
LEGAL AND CITY ADMINISTRATIVE⁹				2%	\$5,800
CONSTRUCTION SURVEY¹⁰				2%	\$5,800
ENVIRONMENTAL AND PERMITTING				5%	\$14,500
TOTAL IMPROVEMENT COST¹¹				\$400,000	

¹ Cost estimates are provided in 2020 dollars. All dollar amounts are rounded for planning purposes.

² Mobilization includes the contractor's administrative and direct expenses to mobilize equipment, materials, and labor to the project site.

³ Traffic control includes all labor and material expenses associated with safely moving traffic through the work zone including signage, flagging, temporary barriers, temporary pavement markings, and lane delineators.

⁴ Service cost includes the cost of service fittings and installation including individual pressure reducing valves.

⁵ Pipe cost includes the cost of all pipe, pipe installation, valves, fittings, fire hydrants, pavement repair, and hydroseeding associated with the project.

⁶ A contingency of 30 percent was used due to the high degree of unknown factors. Assumes AACEI Class 4.

⁷ Engineering and Construction Administration includes all administrative and direct expenses to develop plans, specifications, and an engineer's estimate for construction.

⁸ Topographic, Boundary, and Utility Survey includes all labor, equipment, and travel expenses to obtain existing survey information for planning and design purposes.

⁹ Legal and City Administration includes all expenses associated with financial and legal oversight by the City.

¹⁰ Construction survey includes all expenses, including labor and equipment, to conduct construction staking and construction verification/quality control checks.

¹¹ The Total Improvement Option Cost reflects an estimate of potential overall project costs based on preliminary estimates, and should not be considered an actual cost or encompassing all scenarios and circumstances.

Water Project - Power City Study Area (Alternative 1)
PLANNING LEVEL ESTIMATE
Power City Water Technical Memorandum



Item No.	Item Description	Unit	Quantity	Adjusted Bid Prices	
				Unit Price (\$)	Amount (\$)¹
1	Mobilization²	LS	1	\$140,000	\$140,000
2	Traffic Control³	LS	1	\$123,000	\$123,000
3	Easement Acquisition⁴	SF	1,670	\$1	\$1,670
4	Water Service Connections⁵	EA	36	\$2,900	\$104,400
5	8 Inch C900 PVC Pipe⁶	LF	7,910	\$77	\$609,070
6	16 Inch C905 PVC Pipe⁶	LF	4,206	\$112	\$471,072
7	Intertie Booster Pump Station⁷	LS	1	\$700,000	\$700,000
SUBTOTAL 1				\$2,150,000	
CONSTRUCTION CONTINGENCY⁸				30%	\$645,000
SUBTOTAL 2				\$2,800,000	
ENGINEERING AND CONSTRUCTION ADMINISTRATION⁹				20%	\$560,000
TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY¹⁰				2%	\$56,000
LEGAL AND CITY ADMINISTRATIVE¹¹				2%	\$56,000
CONSTRUCTION SURVEY¹²				2%	\$56,000
ENVIRONMENTAL AND PERMITTING				5%	\$140,000
TOTAL IMPROVEMENT COST¹³				\$3,700,000	

¹ Cost estimates are provided in 2020 dollars. All dollar amounts are rounded for planning purposes.

² Mobilization includes the contractor's administrative and direct expenses to mobilize equipment, materials, and labor to the project site.

³ Traffic control includes all labor and material expenses associated with safely moving traffic through the work zone including signage, flagging, temporary

⁴ Easement acquisition includes the cost of obtaining access to land to construct the proposed improvements. Assume a 10' easement width.

⁵ Service cost includes the cost of service fittings and installation.

⁶ Pipe cost includes the cost of all pipe, pipe installation, earthwork, valves, fittings, fire hydrants, pavement repair, and hydroseeding associated with the project.

⁷ Booster pump station costs include the costs of all work associated with construction of the booster pump station including, booster pumps, site work, building construction, yard piping, electrical and controls, and HVAC system.

⁸ A contingency of 30 percent was used due to the high degree of unknown factors. Assumes AACEI Class 4.

⁹ Engineering and Construction Administration includes all administrative and direct expenses to develop plans, specifications, and an engineer's estimate for construction.

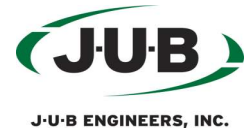
¹⁰ Topographic, Boundary, and Utility Survey includes all labor, equipment, and travel expenses to obtain existing survey information for planning and design purposes.

¹¹ Legal and City Administration includes all expenses associated with financial and legal oversight by the City.

¹² Construction survey includes all expenses, including labor and equipment, to conduct construction staking and construction verification/quality control checks.

¹³ The Total Improvement Option Cost reflects an estimate of potential overall project costs based on preliminary estimates, and should not be considered an actual cost or encompassing all scenarios and circumstances.

Water Project - Power City Water System (Alternative 2)
PLANNING LEVEL ESTIMATE
Power City Water Technical Memorandum



Item No.	Item Description	Unit	Quantity	Adjusted Bid Prices	
				Unit Price (\$)	Amount (\$)¹
1	Mobilization²	LS	1	\$109,500	\$109,500
2	Traffic Control³	LS	1	\$116,000	\$116,000
3	Easement Acquisition⁴	SF	1,670	\$1	\$1,670
4	Water Service Connections⁵	EA	36	\$2,900	\$104,400
5	8 Inch C900 PVC Pipe⁶	LF	7,910	\$77	\$609,070
6	16 Inch C900 PVC Pipe⁶	LF	4,830	\$112	\$540,960
7	Steel Casing Pipe (Boring and Jacking) 30 Inch⁷	LS	1	\$150,000	\$150,000
8	Pressure Reducing Station⁸	LS	1	\$40,000	\$40,000
SUBTOTAL 1				\$1,680,000	
CONSTRUCTION CONTINGENCY⁹				30%	\$504,000
SUBTOTAL 2				\$2,190,000	
ENGINEERING AND CONSTRUCTION ADMINISTRATION¹⁰				20%	\$438,000
TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY¹¹				2%	\$43,800
LEGAL AND CITY ADMINISTRATIVE¹²				2%	\$43,800
CONSTRUCTION SURVEY¹³				2%	\$43,800
ENVIRONMENTAL AND PERMITTING				5%	\$109,500
TOTAL IMPROVEMENT COST¹⁴				\$2,900,000	

¹ Cost estimates are provided in 2020 dollars. All dollar amounts are rounded for planning purposes.

² Mobilization includes the contractor's administrative and direct expenses to mobilize equipment, materials, and labor to the project site.

³ Traffic control includes all labor and material expenses associated with safely moving traffic through the work zone including signage, flagging, temporary barriers, temporary pavement markings, and lane delineators.

⁴ Easement acquisition includes the cost of obtaining access to land to construct the proposed improvements. Assume a 10' easement width.

⁵ Service cost includes the cost of service fittings and installation.

⁶ Pipe cost includes the cost of all pipe, pipe installation, earthwork, valves, fittings, fire hydrants, pavement repair, and hydroseeding associated with the project.

⁷ Steel casing pipe costs includes the cost of all steel casing pipe, carrier pipe, pipe installation, earthwork, fittings, restrains, casing spacers, casing end seals associated with the project.

⁸ Pressure reducing station costs include the costs of all work associated with construction of the PRV station including labor and materials.

⁹ A contingency of 30 percent was used due to the high degree of unknown factors. Assumes AACEI Class 4.

¹⁰ Engineering and Construction Administration includes all administrative and direct expenses to develop plans, specifications, and an engineer's estimate for construction.

¹¹ Topographic, Boundary, and Utility Survey includes all labor, equipment, and travel expenses to obtain existing survey information for planning and design purposes.

¹² Legal and City Administration includes all expenses associated with financial and legal oversight by the City.

¹³ Construction survey includes all expenses, including labor and equipment, to conduct construction staking and construction verification/quality control checks.

¹⁴ The Total Improvement Option Cost reflects an estimate of potential overall project costs based on preliminary estimates, and should not be considered an actual cost or encompassing all scenarios and circumstances.



THE LANGDON GROUP



GATEWAY MAPPING INC.

OTHER J-U-B COMPANIES

DATE: 8/24/2020

TO: Oregon Department of Environmental Quality
Todd Hesse

CC: City of Umatilla
Dave Stockdale, City Manager
Scott Coleman, Public Works Director
Melissa Ince, Finance Director

FROM: J-U-B Engineers, Inc.
Shae Talley, PE

SUBJECT: Power City Sewer Technical Memorandum



1 INTRODUCTION & BACKGROUND

The City of Umatilla is currently evaluating the feasibility of providing sanitary sewer service to the Power City and Brownell communities. The Power City project area, which includes approximately 36 residences as well as several commercial properties, is currently served by individual septic systems. The Brownell project area is a small residential area, which includes 35 residences, of which 27 are served by individual septic systems and 8 are already connected to the City’s wastewater system. The residential members of these two communities have discussed connection to the City of Umatilla’s wastewater system to increase reliability for the property owners and remove the maintenance responsibilities associated with private septic tanks.

In general, utility improvements required to meet existing and future demands are developed through Wastewater Facility Plans; however, the City of Umatilla requires an immediate, preliminary review to pursue Community Development Block Grant (CDBG) funds in 2020. This technical memorandum will summarize the review and provide a preliminary cost opinion for the proposed infrastructure projects specified by the City. The City will be updating their Wastewater Facility Plan in 2020-2021 and will include this project in the planning document.

2 PLANNING CRITERIA

The evaluation of infrastructure projects is completed at a planning level of detail. The assumptions and design criteria used herein are developed by J-U-B ENGINEERS, Inc. and City of Umatilla staff. These assumptions should be reviewed and refined during future planning and design efforts.

2.1 Study Areas

The Brownell project area is located primarily within the Urban Growth Boundary (UGB) and is generally bound by Locust Street to the south, Brownell Boulevard to the east, and the Union Pacific Railroad to the north and west. Figure A1 and Figure A2 in Appendix A depict the Brownell study area.

The Power City project area is located partially within City Limits and within the UGB and is generally bound by U.S. Route 395 to the east, Union Street to the south, and Margaret Street to the north. Figure A1 and Figure A3 in Appendix A depict the Power City study area.

2.2 Wastewater Flows

The purpose of this section is to define the existing and proposed sanitary sewer flows from the Brownell and Power City study areas. The City's wastewater system capacity will be evaluated in relation to the additional demands.

2.2.1 Existing Demands

To determine the Average Daily Flow (ADF) of a single-family residence (SFR) in the City of Umatilla, it is assumed that the ADF is equivalent to the daily water consumption of a SFR. The daily water consumption of a SFR or an Equivalent Dwelling Unit (EDU), is calculated based on potable water meter data provided by the City of Umatilla for the year 2019^[5]. In 2019, the City of Umatilla had 1,864 active metered service connections, 1,621 of which were SFRs. Based on the 2019 potable water meter data, the EDU demand is calculated by dividing the total annual metered water consumption from SFR meters by the total number of SFR connections. One EDU is calculated to be 378 gallons per day (gpd). It is assumed that all proposed sewer connections in the Brownell and Power City study areas are SFRs. No industrial/commercial connections are planned at this time therefore the industrial/commercial customer classifications were not analyzed. Further analysis of system wide ADFs will be completed as part of future facility planning efforts. A summary of the EDU calculation can be seen in Table 2-1 below.

Table 2-1 Existing Average Daily Flow

2019 SFR Annual Potable Water Consumption (gallons) ¹	2019 SFR Potable Water Connections ²	2019 SFR Average Daily Demand (gpd) ³	Equivalent Dwelling Unit (gpd) ⁴	Average Daily Flow (gpd) ⁵
223,680,567	1,621	612,823	378	378

1. Per 2019 City of Umatilla for SFR water meter data.

2. Per 2019 City of Umatilla water meter data.

3. Annual Consumption divided by 365 days in a year.

4. Average Daily Demand (ADD) divided by number of SFR connections.

5. Average Daily Flow (ADF) based on ADD.

2.2.2 Proposed Demands

The proposed connections in the Brownell study area consist of 27 SFR customers, the Power City study area consist of 36 SFR customers. To determine the additional demand on the system by adding these connections, the total number of proposed SFRs is multiplied by the ADF of 378 gpd. The current study area flow demands are depicted in Table 2-2 below. Peaking factors are used to determine Peak Daily Flows (PDF) and Peak Hourly Flows (PHF).

Table 2-2 Study Area Demands – Existing Conditions

Source	2020 Average Daily Flow (gpd) ¹	2020 Peak Daily Flow (gpd) ²	2020 Peak Hour Flow (gpd) ³	SFRs	2020 Study Area ADF (gpd)	2020 Study Area PDF (gpd) ²	2020 Study Area PHF (gpm) ³
Brownell	378	605	1,210	27	10,206	16,330	23
Power City	378	605	1,210	36	13,608	21,773	30
TOTAL				63	23,814	38,103	53

1. See Table 2-2.

2. 1.6 Peaking Factor PDF/ADF based on the City's 1997 Wastewater System Study^[3].

3. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].

Based on conversations with current residents, the City of Umatilla expects the existing Power City study area to subdivide in the near future, therefore infrastructure is sized to accommodate 3 times the 41 properties within the study area for a total of 123 future connections. Proposed future demands are summarized in Table 2-3 below.

Table 2-3 Study Area Demands – Proposed Conditions

Source	2020 Average Daily Flow (gpd) ¹	2020 Peak Daily Flow (gpd) ²	2020 Peak Hour Flow (gpd) ³	SFRs	2020 Study Area ADF (gpd)	2020 Study Area PDF (gpd) ²	2020 Study Area PHF (gpm) ³
Brownell	378	605	1,210	27	10,206	16,330	23
Power City	378	605	1,210	123	46,494	74,390	103
TOTAL				150	56,700	90,720	126

1. See Table 2-2.

2. 1.6 Peaking Factor PDF/ADF based on the City's 1997 Wastewater System Study^[3].

3. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].

3 PIPE SIZING METHODOLOGY

The sanitary sewer pipe sizing for the Brownell and Power City study areas is completed at a feasibility level of detail. The assumptions and design criteria used should be reviewed and refined during future facility planning efforts, and again during design efforts. The intent is to provide a reasonable understanding of how the City's wastewater system may be expanded into the study areas based on general assumptions. The assumptions and design criteria are explained below.

3.1 Manning's "n"

The roughness factor is used in the Manning's formula below to relate flow in a gravity pipe (Q) with the cross-sectional area of the flow (A), hydraulic radius of the flow (R), and the pipe slope (S_o).

$$Q = \frac{1.49AR^{2/3}}{S_o^{1/2}}$$

Typical "n" values range from 0.009 for very smooth glass or new plastic to greater than 0.016 for unfinished concrete. Sanitary sewer pipes, however, develop a slime layer on any pipe

material in contact with sewage which provides a relatively consistent roughness regardless of material. To account for this, a Manning's "n" of 0.013 is used regardless of pipe material and size.

3.2 Normal Depth

All gravity pipes are sized using the Manning's formula and the maximum depth of flow/diameter of pipe (d/D) indicator. This indicates how much of the pipe capacity is being used. When the calculated flow in a pipe reaches the point where the d/D ratio is greater than the maximum design d/D ratio, the pipe diameter is increased.

A graduated scale for maximum d/D, dependent on the size of the pipe, is used and is given in Table 3-1. The scale originated with the ASCE Manual No. 37 *Design and Construction of Sanitary and Storm Sewers*^[1] which recommends master planning sewer systems at a d/D ratio of less than 0.5 for sewers less than 18" in diameter and 0.75 for larger sewers. This allows for a larger safety factor for smaller sewers where variations in land use and extensions of the service area can have large impacts on the available capacity of the sewer. The larger sewer lines have a smaller safety factor because variations in land use tend to balance out over the larger area served by the large sewer. Pipes smaller than 8 inches in diameter are not considered for this analysis and are not recommended as they are more difficult to maintain.

Table 3-1 Depth Ratios for Design Pipes

Size	d/D	Resultant Safety Factor
8"	0.50	2.00
10"	0.55	1.71
12"	0.60	1.49
15"	0.65	1.32
≥ 18"	0.75	1.10

3.3 Pipe Slope

The Oregon Administrative Rules (OAR) Chapter 340 Division 52, Appendix A lists minimum pipe slopes for 6" and 8" pipe sizes. This guidance is followed and supplemented with the Ten State Standards^[8], which list the minimum pipe slopes for sizes 8" to 21". For pipes larger than 21", a slope of 0.10% is maintained because construction becomes difficult on slopes smaller than 0.10%. Table 3-2 summarizes the minimum design pipe slopes for pipe sizes 8" to 21".

Table 3-2 Minimum Design Pipe Slopes

Size	Slope
8"	0.40%
10"	0.28%
12"	0.22%
15"	0.15%
18"	0.12%
≥21"	0.10%

4 CONNECTION TO EXISTING SYSTEM

4.1 Brownell Collection System

Based on the City's existing wastewater collection system infrastructure in the Brownell area, the Brownell sanitary sewer collection system will collect towards Division Street and connect to the existing 12-inch McNary Interceptor, which flows north and west toward the City's wastewater treatment plant (WWTP). The connection of the Brownell study area is analyzed to convey the additional flows to the Interceptor and WWTP. The capacity of each facility is analyzed based on peak hour flows. Figure A4 conveys the City's existing wastewater facilities.

4.1.1 12-inch McNary Interceptor

The existing 12-inch McNary Interceptor collects sanitary sewer flows from the residential portion of the McNary area. This Interceptor is a 12-inch gravity sewer main that carries flows west to a tie-in with the 15-inch McNary Interceptor mentioned below. From the 15-inch McNary Interceptor tie-in location, flows are conveyed northwest to the WWTP. The capacity of the 12-inch McNary Interceptor is analyzed downstream of the proposed connection point of the Brownell study area per the methodology of Section 3. The capacity of the 12-inch McNary Interceptor is summarized in Table 4-1 and Table 4-2.

Table 4-1 12-inch McNary Interceptor Capacity – Existing Conditions

Max Capacity (gpd) ¹	Existing PHF (gpd) ²	PHF Excess Capacity (gpd)
1,080,000	364,000	716,000

1. Parameters: Min. Slope = 0.0022 per Ten State Standards^[8], Dia. = 12", Manning's n = 0.013 flowing full.

2. Existing flow as reported in the City of Umatilla Beneficial Reuse Feasibility Analysis^[7].

Table 4-2 12-inch McNary Interceptor Capacity – Potential Conditions

Max Capacity (gpd) ¹	Potential PHF (gpd)	PHF Excess Capacity (gpd)
1,080,000	396,659	683,341

1. Parameters: Min. Slope = 0.0022 per Ten State Standards^[8], Dia. = 12", Manning's n = 0.013 flowing full.

4.2 Power City Collection System

Based on the topography of the Power City area, the sanitary sewer collection system will generally flow south and will need to be pumped north to connect to the City's wastewater system. Connection of the Power City study area sanitary sewer collection system to the City's wastewater system is analyzed to convey the additional flows to the WWTP and other facilities. The Power City collection system will discharge to the Lind Road Regional Lift Station (currently under construction) and will be pumped north via a 6" forcemain to a 10" gravity sewer main that connects to the 15-inch McNary Interceptor. From the tie-in location, flows will continue along the McNary Interceptor and discharge at the WWTP. The capacity of each facility is analyzed based on peak hour flows.

4.2.1 Lind Road Regional Lift Station^[6]

The Lind Road Regional Lift Station is located approximately 900 feet south of the intersection of Lind Road and Union Street. This facility consists of two separate lift stations that will pump sanitary sewer and industrial wastewater flows north along Lind Road. The majority of industrial flows are low strength wastewater from non-contact cooling towers that are run through a reverse osmosis (RO) system. The non-contact cooling tower industrial flows will connect to a diversion structure and outfall to a nearby irrigation canal. The RO reject industrial wastewater and the sanitary sewer flows will connect to the 15-inch McNary Interceptor at the north end of the City's wastewater collection system and be conveyed to the WWTP. Figure A4 conveys the City's existing wastewater facilities. Figure A5 shows the Lind Road Regional Lift Station tie-in to the McNary Interceptor.

The Lind Road Regional Lift Station will include both a sanitary sewer lift station (City owned) as well as an industrial wastewater lift station (privately owned). At this time, the only sewer flows collecting at the sanitary sewer lift station will be from the Power City study area and the local industrial user (sanitary sewer and RO reject industrial wastewater). The sanitary sewer flows from the industrial user are summarized in Table 4-3, the RO reject industrial wastewater flows are summarized in Table 4-4.

Table 4-3 Industrial Sanitary Sewer Flows

Average Daily Flow (gpd/person) ¹	Peak Daily Flow (gpd/person) ²	Peak Hour Flow (gpd/person) ³	Employees	Sanitary Sewer ADF (gpd)	Sanitary Sewer PDF (gpd) ²	Sanitary Sewer PHF (gpm) ³
15	24	48	350	15,750	25,200	35

1. Per OAR 340-071-0220 for Factories w/out showers (15 gpd/person/shift). Assume 3 shifts.
2. 1.6 Peaking Factor PDF/ADF based on the City's 1997 Wastewater System Study^[3].
3. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].

Table 4-4 RO Reject Industrial Wastewater Flows

Average Daily Flow (gpd) ¹	Peak Daily Flow (gpd) ¹	Peak Hour Flow (gpm) ²
27,635	56,890	61

1. Data provided by user.
2. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].

The sanitary sewer lift station will pump flows north via a 6" pressurized forcemain, parallel to Lind Road. Due to the topography of the area, the pumped flow transitions from pressurized pipe flow to gravity pipe flow at the north end near the McNary Interceptor tie-in.

The Hazen-Williams formula is used to analyze the capacity of the pressurized forcemains. The "C" coefficient is used in the Hazen-Williams formula below to relate flow in a pressurized pipe (Q) with the cross-sectional area of the flow (A), hydraulic radius of the flow (R), and the slope of the energy grade line (S).

$$Q = 1.318CAR^{0.63}S^{0.54}$$

Typical “C” values range from 60 for rough, aged pipes to 150 for smooth, new pipes. A Hazen-Williams “C” value of 150 is used regardless of pipe material as the forcemain pipes are constructed new.

The capacity of the gravity pipe is analyzed using the minimum slope of the gravity sections and assuming full pipe flow per the methodology described in Section 3. The capacity of the Lind Road Regional Sanitary Sewer Lift Station discharge pipeline is summarized in Table 4-5.

Table 4-5 Lind Road Regional Sanitary Sewer Lift Station Pipeline Capacity

Pressurized Forcemain Capacity (gpm) ¹	Gravity Pipeline Capacity (gpm) ²
726	568

1. Parameters: Dia. = 6" C900 PVC (I.D. 6.09"), V = 8 ft/s^[6].

2. Parameters: Min. Slope per Record Drawings = 0.004 ft/ft, Dia. = 10" HDPE (I.D. 9.665"), Manning's n = 0.013 flowing full^[6].

The capacities of the Lind Road Regional Sanitary Sewer Lift Station is summarized in Table 4-6.

Table 4-6 Lind Road Regional Sanitary Sewer Lift Station Capacity

Pumping Capacity (gpm)	Forcemain Capacity (gpm)	Power City PHF (gpm)	Industrial Sanitary Sewer PHF (gpm)	RO Reject Industrial Wastewater PHF (gpm)	Excess Capacity (gpm) ¹
352	726	103	35	61	153

1. Sanitary sewer lift station limited by pumping capacity^[6].

4.2.2 15-inch McNary Interceptor

The 15-inch McNary Interceptor serves the commercial and industrial users in the McNary area, see Figure A4. The Interceptor includes sections of 24-inch, 18-inch, and 15-inch gravity lines that carry flows to the WWTP. The Lind Road Regional Sanitary Sewer Lift Station will connect into the 15-inch portion of the interceptor line. As with the Lind Road Regional Sanitary Sewer Lift Station pipelines, the capacity of the McNary Interceptor is analyzed downstream of the proposed connection point per the methodology of Section 3. The capacity of the McNary Interceptor are summarized in Table 4-7 and Table 4-8.

Table 4-7 15-inch McNary Interceptor Capacity – Existing Conditions

Max Capacity (gpd) ¹	Existing PHF (gpd) ²	PHF Excess Capacity (gpd)
2,800,000	1,712,000	1,088,000

1. Parameters: Min. Slope downstream of connection per record drawings = 0.0045, Dia. = 15", Manning's n = 0.013 flowing full^[2].

2. Design flow as reported in the City's 1997 Wastewater System Study^[3].

Table 4-8 15-inch McNary Interceptor Capacity – Potential Conditions

Max Capacity (gpd) ¹	Potential PHF (gpd)	PHF Excess Capacity (gpd)
2,800,000	1,999,613	800,387

1. Parameters: Min. Slope downstream of connection = 0.0045, Dia. = 15", Manning's n = 0.013 flowing full^[2].

4.3 Wastewater Treatment Plant

The City provided discharge monitoring report (DMR) data from 2015 through 2020^[4]. During the summer months (April to October) from 2014-2019, industrial users have been able to discharge non-contact cooling tower industrial wastewater into the City's collection system. Therefore, to analyze only the sanitary sewer flows to the WWTP, the winter DMR data is used (November to March). The existing sanitary sewer influent flows to the WWTP are summarized in Table 4-9.

Table 4-9 Existing WWTP Influent Flows

Average Daily Flow (gpd) ¹	Peak Daily Flow (gpd) ¹	Peak Hour Flow (gpd) ²
572,976	806,000	1,833,522

1. Based on winter DMR data from 2015 through 2020 (November-March)^[4].
 2. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].

The additional sanitary sewer flows from the Brownell and Power City study areas, as well as the sanitary sewer and industrial wastewater flows from the local industrial user to the City's wastewater treatment facilities are summarized in Table 4-10.

Table 4-10 Additional Influent Flows

Source	Average Daily Flow (gpd)	Peak Daily Flow (gpd)	Peak Hour Flow (gpd)
Brownell Study Area	10,206	16,330	32,659
Power City Study Area	46,494	74,390	148,781
Industrial Sanitary Sewer	15,750	25,200	50,400
RO Reject Industrial Wastewater	27,635	56,890	148,781
TOTAL	100,085	172,810	320,272

The City of Umatilla wastewater treatment plant capacities are summarized in Table 4-11 and Table 4-12.

Table 4-11 WWTP Capacity Analysis – Existing Conditions

WWTP ADF Design Capacity (gpd) ³	WWTP PHF Design Capacity (gpd) ³	Existing ADF (gpd) ¹	Existing PHF (gpd) ²	ADF Excess Capacity (gpd)	PHF Excess Capacity (gpd)
835,000	3,200,000	572,976	1,833,522	262,024	1,366,478

1. Based on winter DMR data from 2015 through 2020 (November-March)^[4].
2. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].
3. As reported on WWTP Record Drawings.

Table 4-12 WWTP Capacity Analysis – Potential Conditions

WWTP ADF Design Capacity (gpd) ³	WWTP PHF Design Capacity (gpd) ³	Potential ADF (gpd) ¹	Potential PHF (gpd) ²	ADF Excess Capacity (gpd)	PHF Excess Capacity (gpd)
835,000	3,200,000	673,061	2,153,794	161,939	1,046,206

1. Based on winter DMR data from 2015 through 2020 (November-March)^[4].
2. 3.2 Peaking Factor PHF/ADF based on the City's 1997 Wastewater System Study^[3].
3. As reported on WWTP Record Drawings.

5 PROPOSED IMPROVEMENTS

5.1 Brownell

The proposed sanitary sewer collection system pipes for the Brownell study area are shown in Figure A6. Sizing of the pipes is based on the study area demands shown in Table 2-3, manholes are proposed at intersections or at 300-foot spacings. The elevations of the Brownell study area collection system are based on the City's existing wastewater collection facilities. As seen in Figure A6, the properties along Locust Street will connect to the existing sewer pipelines with exception to the lot at the west end of Locust Street. Due to the topography of the lot it will connect to the proposed sewer pipe within Cherry Street.

Based on the elevations of the existing collection system, a portion of existing 12-inch sewer pipe is proposed to be replaced. A dropped manhole connection currently exists at SSMH-3, the elevation drop will allow for the replacement of pipe between the proposed SSMH-2 and SSMH-3. The lowering of this section of pipe will allow adequate collection to both the west and east extents of Cherry Street. Due to the topography of the Brownell study area approximately 5 properties will need to install individual grinder pumps to connect to the sewer collection system.

The depths of the sewer lines are planned to be less than 10 feet deep as shown on Figure A7. The lengths and depths of the proposed pipe sizes are summarized in Table 5-1.

Table 5-1 Brownell Approximate Pipe Lengths

Diameter (in.)	Depth	Length (ft)
8	0'-5'	170
8	5'-10'	1,700
12	5'-10'	170

5.2 Power City

The proposed sanitary sewer collection system pipes for the Power City study area are shown in Figure A8. Sizing of the pipes is based on the developed study area demands shown in Table 2-3, manholes are proposed at intersections or at 300-foot spacings. The sewer trunk lines within the Power City study area are sized only to serve the 41 properties identified in this technical memorandum. In anticipation for the potential development adjacent to Lind Road, Union Street and throughout the HWY 395 corridor, the sewer trunk lines are upsized per recommendations in the City's existing Beneficial Reuse Feasibility Analysis^[7]. Further analysis of the wastewater system extents and demands should be done as part of the upcoming Wastewater Facility Plan. The elevations of the Power City study area collection system are based on the Lind Road Regional Sanitary Sewer Lift Station that is currently under construction. Per the requirements of Section 3.3, the depths of the sewer lines are planned to be less than 20 feet deep, as shown on Figure A9. The lengths and depths of the proposed pipe sizes are summarized in Table 5-2.

Table 5-2 Power City Approximate Pipe Lengths

Diameter (in.)	Depth	Length (ft)
8	5'-10'	1,280
8	10'-15'	3,130
8	15'-20'	780
12	5'-10'	1,450
12	10'-15'	2,100
18	5'-10'	620
18	10'-15'	530
18	15'-20'	760

5.3 Summary of Project Costs

Connection of the Brownell and Power City study areas to the City of Umatilla's wastewater system will only require the construction of the on-site collection systems shown in Figure A6 and Figure A8. With the ongoing construction of the Lind Road Regional Sanitary Sewer Lift Station and the adequate capacities of both the 12-inch and 15-inch McNary Interceptors and WWTP, no additional downstream improvements are needed to connect the Brownell and Power City study areas.

As mentioned, the Brownell and Power City collection system included in this technical memorandum is only planned to serve the study area depicted in Figure A1. As the surrounding sewer basin is considered, up-sizing of facilities within the collection system and additional off-site improvements could be required. Table 5-3 shows a summary of costs for the sanitary sewer collection systems of the Brownell and Power City study areas, a detailed cost estimate is included in Appendix B.

Table 5-3 Summary of Project Costs

Project	Total Improvement Cost
Brownell Sewer Collection System	\$900,000
Power City Sewer Collection System	\$2,700,000

5.4 Operation, Maintenance, and Replacement Costs

The Brownell and Power City sanitary sewer collection systems will not impact the City's operation and maintenance program significantly, however there are activities associated with the expansion of the wastewater system that will need to be accounted for. The major activities that will be required include routine inspection and cleaning of the collection systems. Inspections are used to verify system conditions and effectiveness of the system. Visual inspections will help aid the timing of cleaning activities or identify maintenance problems. The proposed collection systems are expected to have a life expectancy of 100 years for the piping and 50 years for the manholes, replacement or rehabilitation of the collection systems will need to be included in a capital facilities plan. Table 5-4 shows a summary of annual operation and maintenance costs, as well as future replacement costs. Detailed costs are included in Appendix C.

Table 5-4 Sanitary Sewer Collection System OM&R Costs

Item	Brownell	Power City
Annual Operation and Maintenance	\$14,300	\$74,600
Manhole Replacement/Rehabilitation	\$350,000	\$2,090,000
Pipeline Replacement/Rehabilitation	\$10,890,000	\$25,390,000

6 SUMMARY

Connecting the Brownell and Power City study areas to the City of Umatilla wastewater collection system provides an opportunity to increase sanitary sewer waste collection reliability to the residences in these areas. As seen, the City's existing facilities have adequate capacity to meet the demands of the additional flows from the study areas. This technical memorandum provides recommendations for the sanitary sewer collection piping needed to serve the study areas, along with the associated costs over the life of the systems. It is recommended that the City develop a Wastewater Facility Plan that identifies system collection and treatment needs to further enhance their system as the area develops. It is recommended that the Brownell and Power City study areas be connected to the City of Umatilla's wastewater system, provided project funding is available.

7 REFERENCES

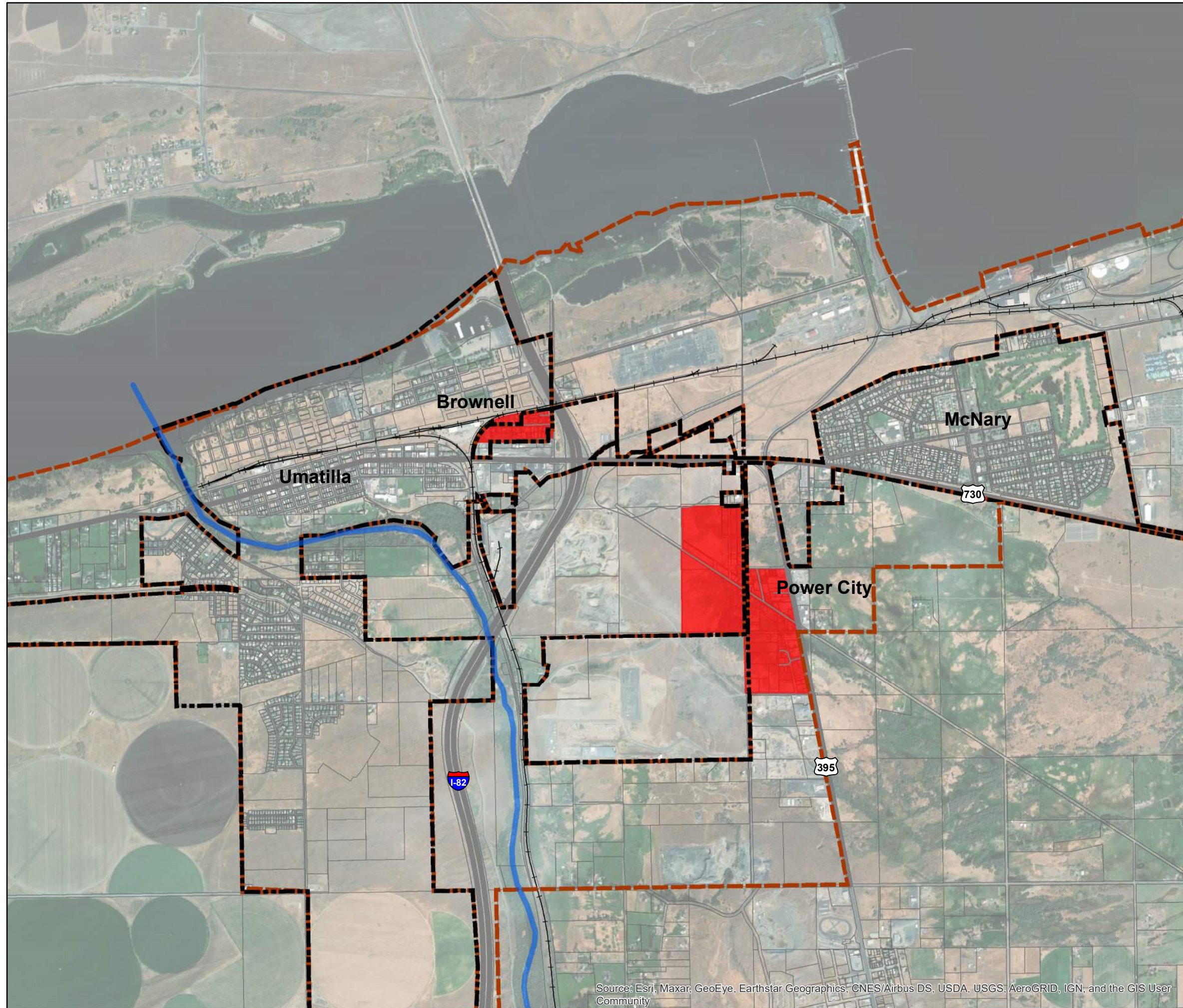
- [1] American Society of Civil Engineers. (1969). Design and Construction of Sanitary and Storm Sewers. New York.
- [2] Anderson Perry & Associates. (1999). City of Umatilla Oregon McNary Industrial Park Interceptor Improvements Schedule A. La Grande.
- [3] Anderson Perry & Associates. (1997). City of Umatilla Oregon Wastewater System Study. La Grande.
- [4] City of Umatilla. (2015-2020). Discharge Monitoring Reports. Umatilla.
- [5] City of Umatilla. (2019). 2019 Annual Water Meter Data. Umatilla.
- [6] HDR Engineering. (2019). VADATA PDX063 NCCW &SS Lift Stations. Seattle.
- [7] J-U-B ENGINEERS, Inc. (2018). City of Umatilla Oregon Beneficial Reuse Feasibility Analysis. Kennewick.
- [8] Wastewater Committee of the Great Lakes – Upper Mississippi River. (2014). Recommended Standards for Wastewater Facilities. Albany.

Appendix A – Figures



Figure A1

Brownell-Power City Project Area



- Legend**
- City Limit
 - Urban Growth Boundary
 - Major Streets
 - Highway/Interstate
 - Railroad
 - Umatilla River
 - Project Area



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community





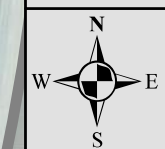
Figure A2

Brownell Study Area

ID	Tax Lot ID
1	5N2816BB03401
2	5N2816BB03500
3	5N2816BB03900
4	5N2816BB03901
5	5N2816BB03902
6	5N2816BB04000
7	5N2816BB04200
8	5N2816BB04400
9	5N2816BB04500
10	5N2816BB04700
11	5N2816BB04800
12	5N2816BB05000
13	5N2816BB05100
14	5N2816BB05200
15	5N2816BB05201
16	5N2816BB05300
17	5N2816BB05900
18	5N2816BB06000
19	5N2816BB06200
20	5N2816BB06400
21	5N2816BB06401
22	5N2816BB06402
23	5N2816BB06801
24	5N2816BB06900
25	5N2816BB07600
26	5N2816BB07700
27	5N2817AA00700

Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Project Area
- Study Area
- Parcels



Date: Aug 10, 2020



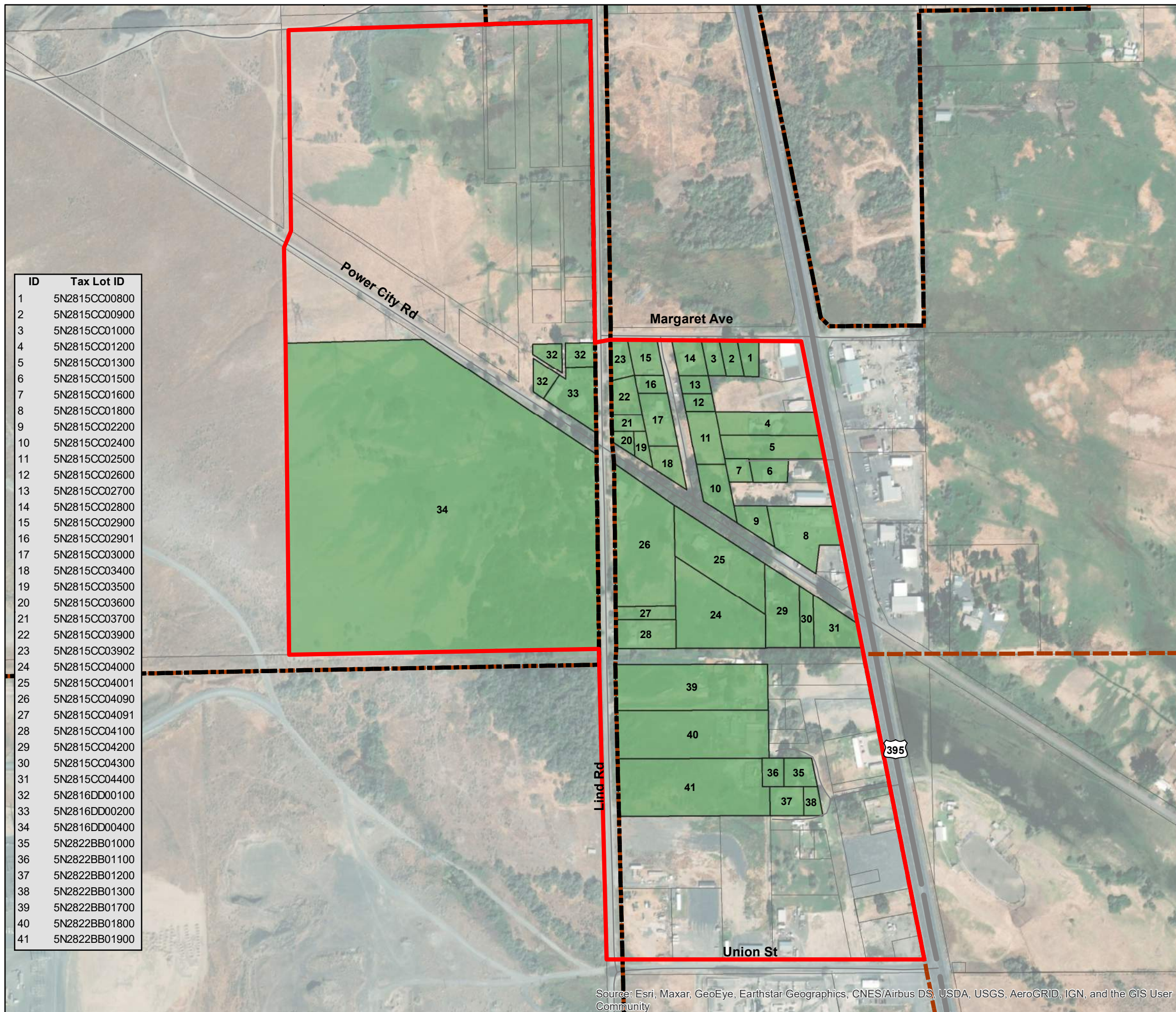
Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure A3

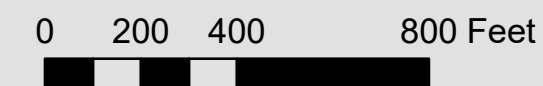
Power City Study Area

ID	Tax Lot ID
1	5N2815CC00800
2	5N2815CC00900
3	5N2815CC01000
4	5N2815CC01200
5	5N2815CC01300
6	5N2815CC01500
7	5N2815CC01600
8	5N2815CC01800
9	5N2815CC02200
10	5N2815CC02400
11	5N2815CC02500
12	5N2815CC02600
13	5N2815CC02700
14	5N2815CC02800
15	5N2815CC02900
16	5N2815CC02901
17	5N2815CC03000
18	5N2815CC03400
19	5N2815CC03500
20	5N2815CC03600
21	5N2815CC03700
22	5N2815CC03900
23	5N2815CC03902
24	5N2815CC04000
25	5N2815CC04001
26	5N2815CC04090
27	5N2815CC04091
28	5N2815CC04100
29	5N2815CC04200
30	5N2815CC04300
31	5N2815CC04400
32	5N2816DD00100
33	5N2816DD00200
34	5N2816DD00400
35	5N2822BB01000
36	5N2822BB01100
37	5N2822BB01200
38	5N2822BB01300
39	5N2822BB01700
40	5N2822BB01800
41	5N2822BB01900



Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Project Area
- Study Area
- Parcels



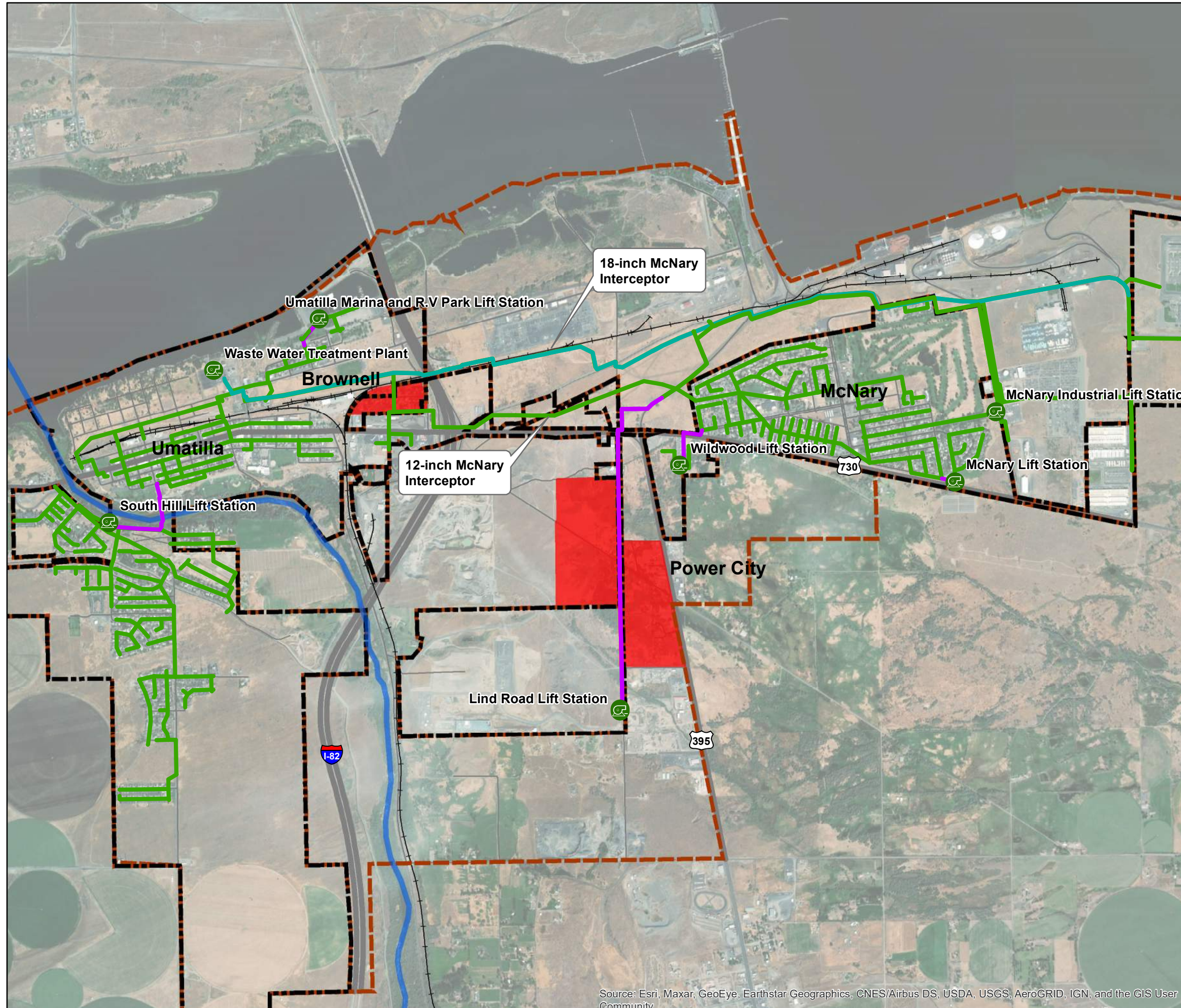
Date: Aug 10, 2020





Figure A4

City of Umatilla Wastewater System



Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Umatilla River
- Project Area
- Sewer System Facilities
- McNary Interceptor
- Force Main
- Gravity Sewer



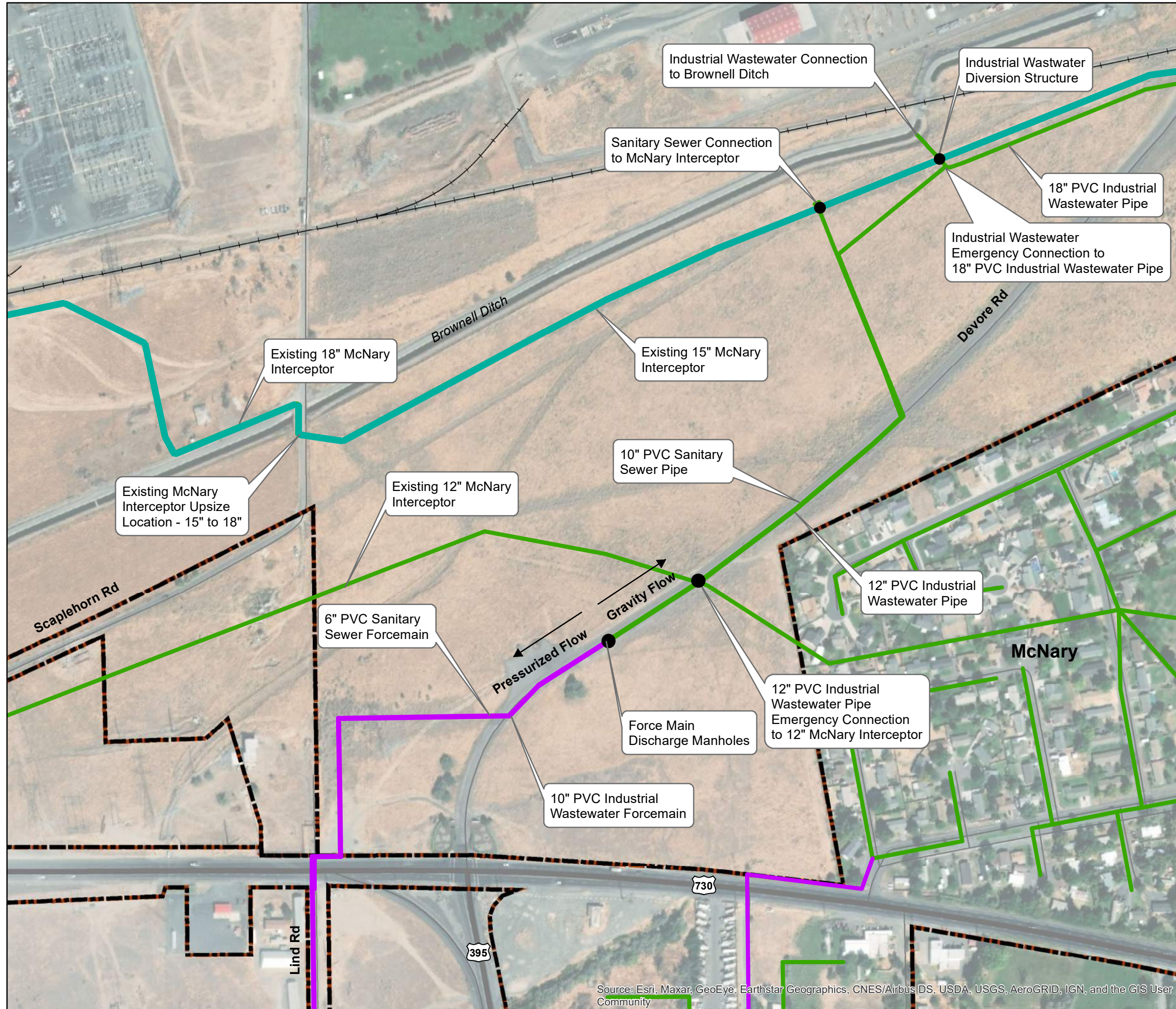
Date: Aug 14, 2020



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure A5 McNary Interceptor Connection



Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Umatilla River
- McNary Interceptor
- Force Main
- Gravity Sewer

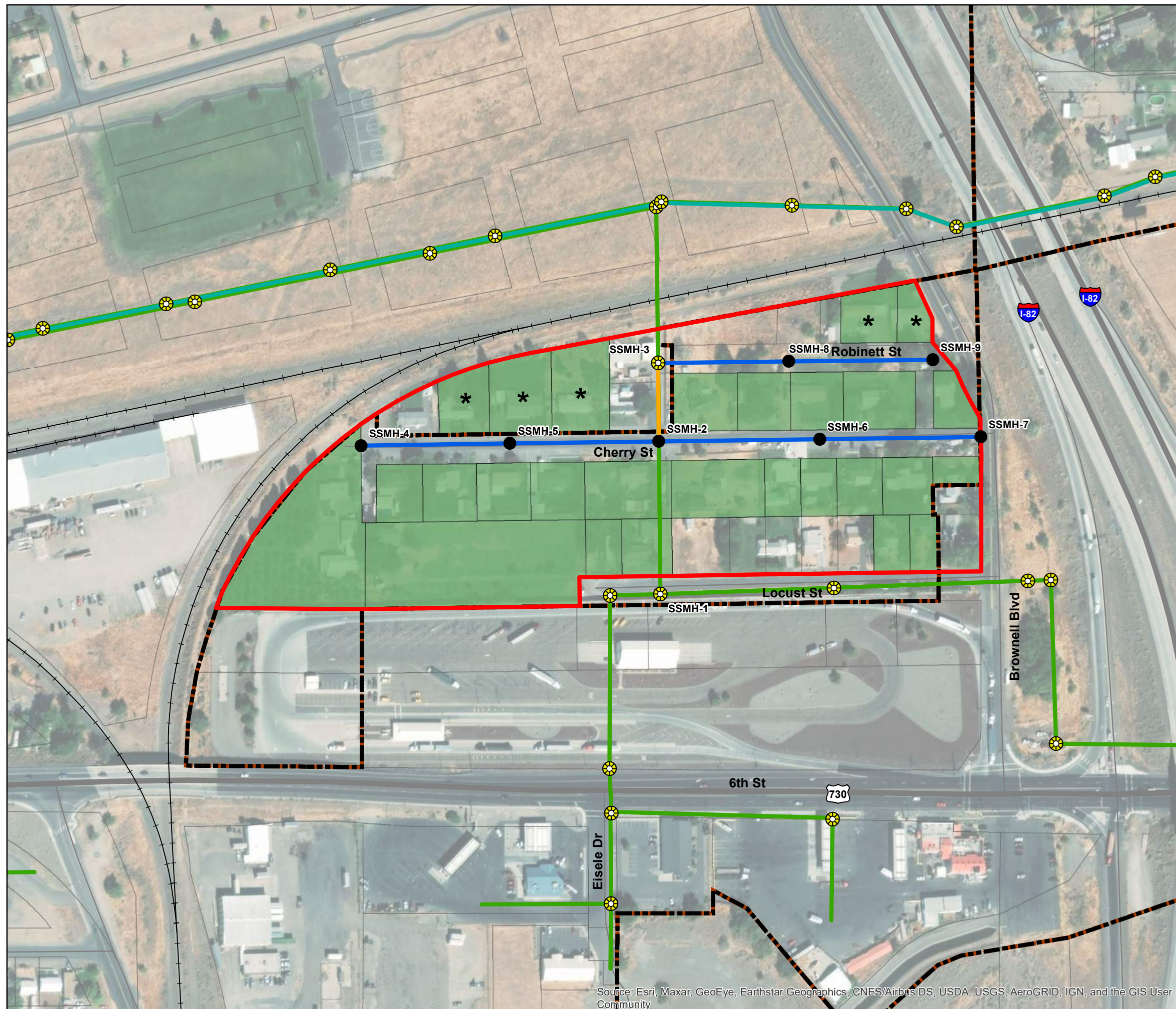
0 150 300 600 Feet

Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure A6

Brownell Sewer Pipe Sizes



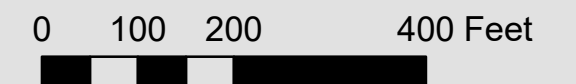
Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Project Area
- Study Area
- Parcels
- McNary Interceptor
- Existing Force Main
- Existing Gravity Sewer
- Existing Manholes
- Proposed Manholes

Pipe Size (in)

- 8
- 12

*Lots will require individual grinder pump



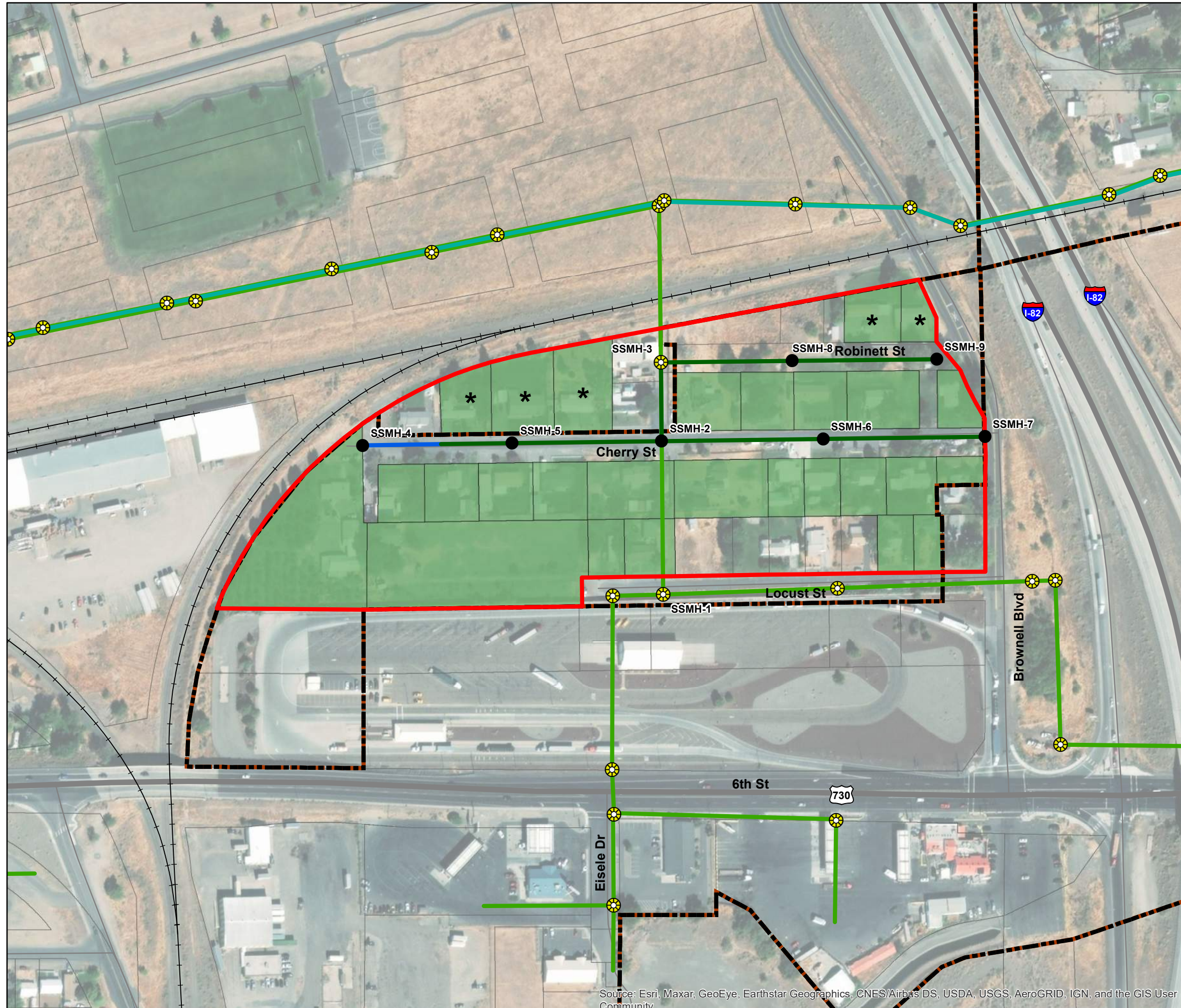
Date: Aug 10, 2020





Figure A7

Brownell Sewer Pipe Depths



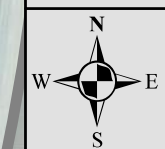
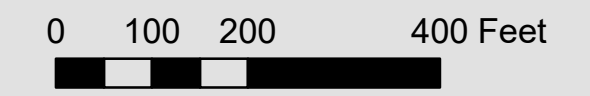
Legend

- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Railroad
- Project Area
- Study Area
- Parcels
- McNary Interceptor
- Existing Force Main
- Existing Gravity Sewer
- Existing Manholes
- Proposed Manholes

Pipe Depth

- 0'-5'
- 5'-10'

*Lots will require individual grinder pump



Date: Aug 10, 2020



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure A8

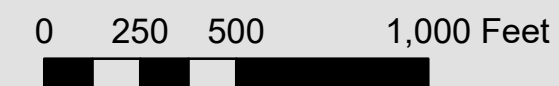
Power City Sewer Pipe Sizes

Legend

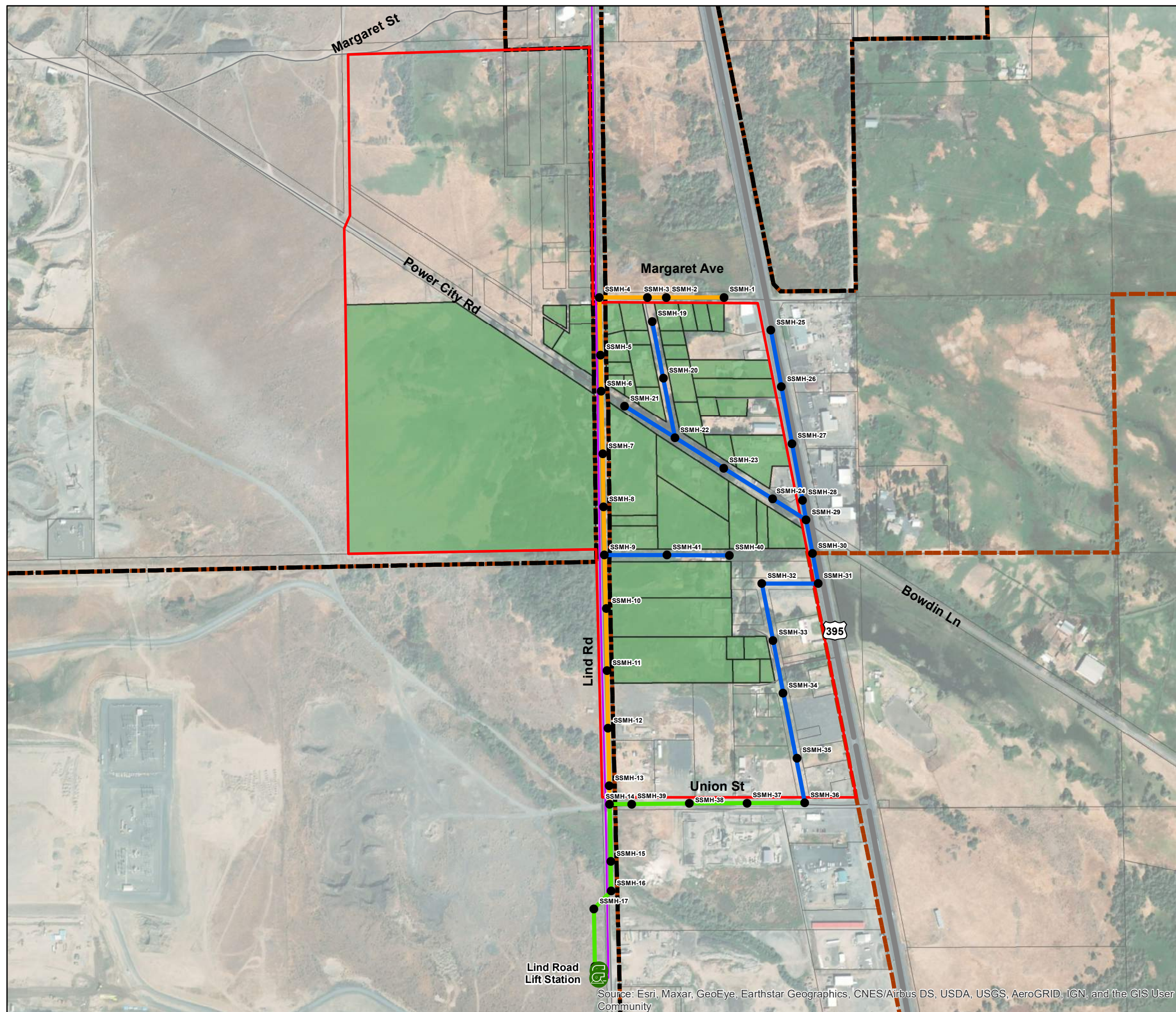
- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Study Area
- Project Area
- Parcels
- Existing Forcemain
- Proposed Manholes

Diameter

- 8
- 12
- 18



Date: Aug 10, 2020



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community



Figure A9

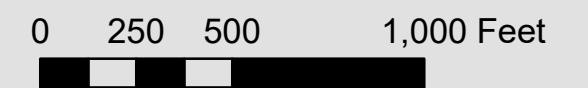
Power City Sewer Pipe Depths

Legend

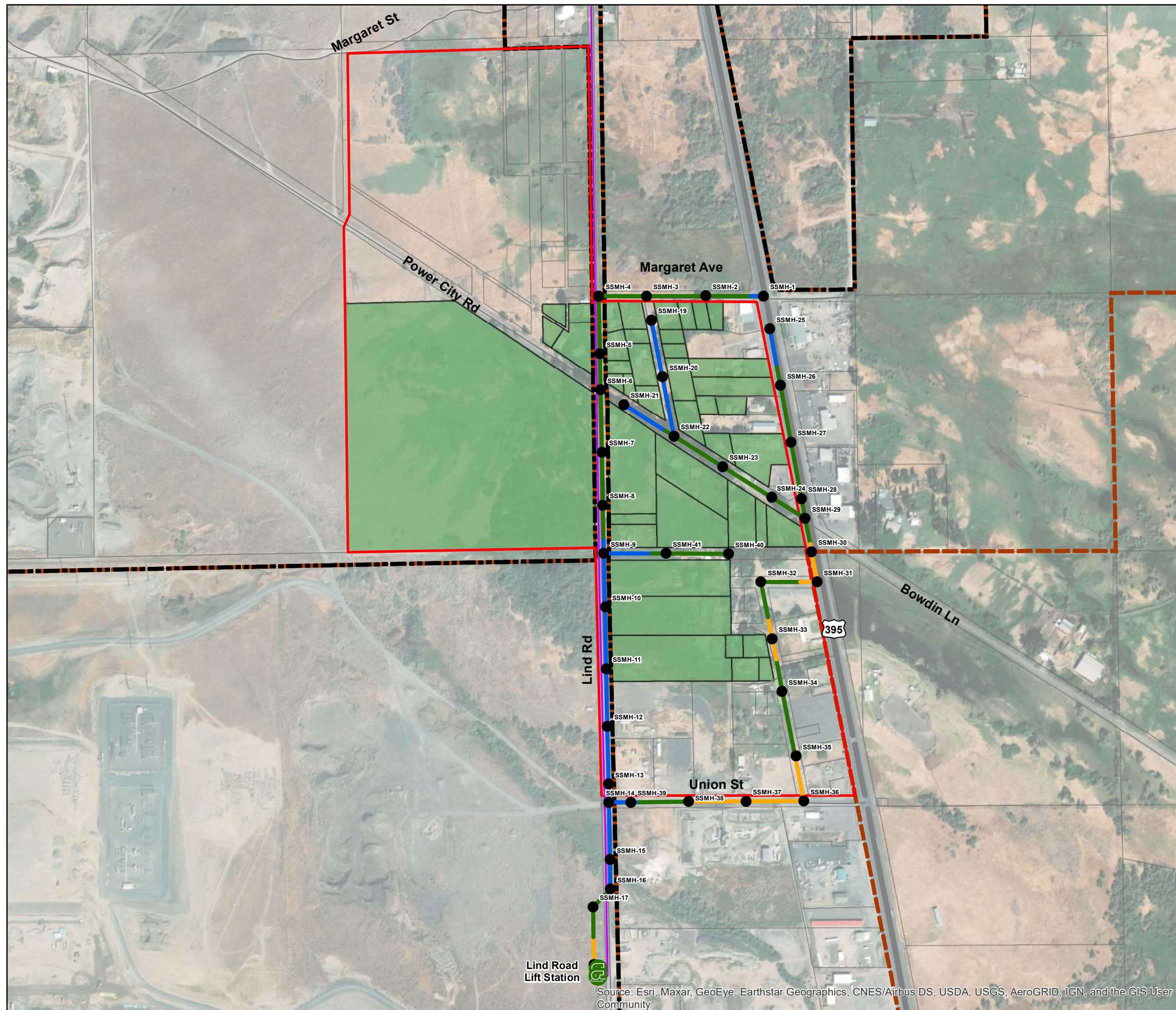
- City Limit
- Urban Growth Boundary
- Major Streets
- Highway/Interstate
- Study Area
- Project Area
- Parcels
- Existing Forcemain
- Proposed Manholes

Pipe Depth

- 5'-10'
- 10'-15'
- 15'-20'



Date: Aug 14, 2020



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Appendix B – Preliminary Cost Opinions

**Sewer System - Brownell Study Area
PLANNING LEVEL ESTIMATE
Brownell Sewer Technical Memorandum**



Item No.	Item Description	Unit	Quantity	Adjusted Bid Prices	
				Unit Price (\$)	Amount (\$) ¹
1	Mobilization ²	LS	1	\$34,500	\$34,500
2	Traffic Control ³	LS	1	\$44,100	\$44,100
3	Construction Survey ¹⁰	LS	1	\$14,000	\$14,000
4	Sewer Service Connections ⁴	EA	27	\$6,400	\$172,800
5	Grinder Pumps ⁴	EA	5	\$9,000	\$45,000
6	8 Inch ASTM D3034 PVC Pipe, 0'-5' Depth ⁵	LF	170	\$87	\$14,790
7	8 Inch ASTM D3034 PVC Pipe, 5'-10' Depth ⁵	LF	1,700	\$91	\$154,700
8	12 Inch ASTM D3034 PVC Pipe, 5'-10' Depth ⁵	LF	170	\$128	\$21,760
9	48 Inch Manholes, 0-5 Feet	EA	1	\$4,500	\$4,500
10	48 Inch Manholes, 5-10 Feet	EA	6	\$4,500	\$27,000
SUBTOTAL 1				\$530,000	
CONSTRUCTION CONTINGENCY ⁶				35%	\$185,500
SUBTOTAL 2				\$720,000	
ENGINEERING AND CONSTRUCTION ADMINISTRATION ⁷				20%	\$144,000
TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY ⁸				2%	\$14,400
LEGAL AND CITY ADMINISTRATIVE ⁹				2%	\$14,400
ENVIRONMENTAL AND PERMITTING				5%	\$36,000
TOTAL IMPROVEMENT COST¹¹				\$900,000	

¹ Cost estimates are provided in 2020 dollars. All dollar amounts are rounded for planning purposes.

² Mobilization includes the contractor's administrative and direct expenses to mobilize equipment, materials, and labor to the project site.

³ Traffic control includes all labor and material expenses associated with safely moving traffic through the work zone including signage, flagging, temporary barriers, temporary pavement markings, and lane delineators.

⁴ Cost includes the cost of service materials and installation.

⁵ Pipe cost includes the cost of equipment, materials, and labor of trench excavation, pipe bedding, piping, backfill, and restoration to existing conditions.

⁶ A contingency of 35 percent was used due to the high degree of unknown factors. Assumes AACEI Class 4.

⁷ Engineering and Construction Administration includes all administrative and direct expenses to develop plans, specifications, and an engineer's estimate for construction.

⁸ Topographic, Boundary, and Utility Survey includes all labor, equipment, and travel expenses to obtain existing survey information for planning and design purposes.

⁹ Legal and City Administration includes all expenses associated with financial and legal oversight by the City.

¹⁰ Construction survey includes all expenses, including labor and equipment, to conduct construction staking and construction verification/quality control checks.

¹¹ The Total Improvement Cost reflects an estimate of potential overall project costs based on preliminary estimates, and should not be considered an actual cost or encompassing all scenarios and circumstances.

**Sewer System - Power City Study Area
PLANNING LEVEL ESTIMATE
Power City Sewer Technical Memorandum**



Item No.	Item Description	Unit	Quantity	Adjusted Bid Prices	
				Unit Price (\$)	Amount (\$) ¹
1	Mobilization ²	LS	1	\$106,000	\$106,000
2	Traffic Control ³	LS	1	\$127,700	\$127,700
3	Construction Survey ¹¹	LS	1	\$42,400	\$42,400
4	Easement ⁴	SF	14,500	\$1	\$14,500
5	Sewer Service Connections ⁵	EA	36	\$6,400	\$230,400
6	8 Inch ASTM D3034 PVC Pipe, 5'-10' Depth ⁶	LF	1,280	\$58	\$74,240
7	8 Inch ASTM D3034 PVC Pipe, 10'-15' Depth ⁶	LF	3,130	\$62	\$194,060
8	8 Inch ASTM D3034 PVC Pipe, 15'-20' Depth ⁶	LF	780	\$67	\$52,260
9	12 Inch ASTM D3034 PVC Pipe, 5'-10' Depth ⁶	LF	1,450	\$68	\$98,600
10	12 Inch ASTM D3034 PVC Pipe, 10'-15' Depth ⁶	LF	2,100	\$73	\$153,300
11	18 Inch ASTM F679 PVC Pipe, 5'-10' Depth ⁶	LF	620	\$95	\$58,900
12	18 Inch ASTM F679 PVC Pipe, 10'-15' Depth ⁶	LF	530	\$103	\$54,590
13	18 Inch ASTM F679 PVC Pipe, 15'-20' Depth ⁶	LF	760	\$110	\$83,600
14	48 Inch Manholes, 5-10 Feet	EA	14	\$4,500	\$63,000
15	48 Inch Manholes, 10-15 Feet	EA	19	\$7,125	\$135,375
16	48 Inch Manholes, 15-20 Feet	EA	8	\$9,750	\$78,000
SUBTOTAL 1				\$1,570,000	
CONSTRUCTION CONTINGENCY ⁷				35%	\$549,500
SUBTOTAL 2				\$2,120,000	
ENGINEERING AND CONSTRUCTION ADMINISTRATION ⁸				20%	\$424,000
TOPOGRAPHIC, BOUNDARY, AND UTILITY SURVEY ⁹				2%	\$42,400
LEGAL AND CITY ADMINISTRATIVE ¹⁰				2%	\$42,400
ENVIRONMENTAL AND PERMITTING				5%	\$106,000
TOTAL IMPROVEMENT COST¹²				\$2,700,000	

¹ Cost estimates are provided in 2020 dollars. All dollar amounts are rounded for planning purposes.

² Mobilization includes the contractor's administrative and direct expenses to mobilize equipment, materials, and labor to the project site.

³ Traffic control includes all labor and material expenses associated with safely moving traffic through the work zone including signage, flagging, temporary barriers, temporary pavement markings, and lane delineators.

⁴ Easement includes the cost of obtaining access to land to construct the proposed improvements. Assume a 10' easement width.

⁵ Service cost includes the cost of service materials and installation.

⁶ Pipe cost includes the cost of equipment, materials, and labor of trench excavation, pipe bedding, piping, backfill, and restoration to existing conditions.

⁷ A contingency of 35 percent was used due to the high degree of unknown factors. Assumes AACEI Class 4.

⁸ Engineering and Construction Administration includes all administrative and direct expenses to develop plans, specifications, and an engineer's estimate for construction.

⁹ Topographic, Boundary, and Utility Survey includes all labor, equipment, and travel expenses to obtain existing survey information for planning and design purposes.

¹⁰ Legal and City Administration includes all expenses associated with financial and legal oversight by the City.

¹¹ Construction survey includes all expenses, including labor and equipment, to conduct construction staking and construction verification/quality control checks.

¹² The Total Improvement Cost reflects an estimate of potential overall project costs based on preliminary estimates, and should not be considered an actual cost or encompassing all scenarios and circumstances.

Appendix C – Operation, Maintenance, and Replacement Costs



Project: Power City Sewer Technical Memo.

Designed AR

Date 8/3/2020

Item: Brownell Sewer Collection System OM&R Costs

Checked ST

Date 8/9/2020

File: \\jub.com\Central\Clients\OR\UmatillaCity\Projects\33-20-

010_PCsewerTechMemo\Design\Model_Calcs\CostOpinions\[BrownellCostEst_Sewer.xlsx]OM&R Costs

Description

The purpose of these calculations are to determine the operation, maintenance, and replacement costs for the Brownell Sewer Collection System.

Operation and Maintenance Costs

Total Length of Pipe (ft) =	2,040
Total Length of Pipe (miles) =	0.39
Total O&M Costs (mile/year) = \$	4,432.43
Labor (mile/year) = \$	5,693.23
Fringe Benefits (mile/year) = \$	1,860.58
Chemicals (mile/year) = \$	803.90
Hydroflush Cleaning (per mile) = \$	2,669.19
Television Inspection (per mile) = \$	7,222.52
Preventative Maintenance = \$	5,520.97
Annual O&M Costs = \$	14,300.00

Collection System Replacement Costs

Manholes

Installation Costs = \$	100,000.00	(costs in 2020 dollars)
Average CPI Rate =	3%	
System Useful Life (years) =	50	(Manholes have a life expectancy of 50 years)
Replacement Costs =	\$350,000.00	
Capitalized Cost =	\$7,000.00	(if recovered in 50 years)
	\$15,300.00	(if recovered in 25 years)
	\$8,300.00	(if recovered in 15 years)

Pipeline

Installation Costs = \$	900,000.00	(costs in 2020 dollars)
Average CPI Rate =	3%	
System Useful Life (years) =	100	(PVC pipe has a life expectancy of 100 years)
Replacement Costs =	\$10,890,000.00	
Capitalized Cost =	\$48,400.00	(if recovered in 100 years)
	\$75,100.00	(if recovered in 75 years)
	\$139,400.00	(if recovered in 50 years)



Project: Power City Sewer Technical Memo.

Designed AR

Date 7/17/2020

Item: Sewer Collection System OM&R Costs

Checked ST

Date 8/9/2020

File: \\jub.com\Central\Clients\OR\UmatillaCity\Projects\33-20-

010_PCSeWERTechMemo\Design\Model_Calcs\CostOpinions\[PowerCityCostEst_Sewer.xlsx]OM&R Costs

Description

The purpose of these calculations are to determine the operation, maintenance, and replacement costs for the Power City Sewer Collection System.

Operation and Maintenance Costs

Total Length of Pipe (ft) =	10,650
Total Length of Pipe (miles) =	2.02
Total O&M Costs (mile/year) = \$	4,432.43
Labor (mile/year) = \$	5,693.23
Fringe Benefits (mile/year) = \$	1,860.58
Chemicals (mile/year) = \$	803.90
Hydroflush Cleaning (per mile) = \$	2,669.19
Television Inspection (per mile) = \$	7,222.52
Preventative Maintenance = \$	28,822.69
Annual O&M Costs = \$	74,600.00

Collection System Replacement Costs

Manholes

Installation Costs = \$	600,000.00	(costs in 2020 dollars)
Average CPI Rate =	3%	
System Useful Life (years) =	50	(Manholes have a life expectancy of 50 years)
Replacement Costs =	\$2,090,000.00	
Capitalized Cost =	\$41,600.00	(if recovered in 50 years)
	\$91,400.00	(if recovered in 25 years)
	\$49,700.00	(if recovered in 15 years)

Pipeline

Installation Costs = \$	2,100,000.00	(costs in 2020 dollars)
Average CPI Rate =	3%	
System Useful Life (years) =	100	(PVC pipe has a life expectancy of 100 years)
Replacement Costs =	\$25,390,000.00	
Capitalized Cost =	\$112,800.00	(if recovered in 100 years)
	\$175,100.00	(if recovered in 75 years)
	\$324,900.00	(if recovered in 50 years)

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Urban Growth Boundary Expansion and Rezone Update	Meeting Date: 2020-09-01
---	------------------------------------

Department: Community Development	Director: Brandon Seitz	Contact Person: Brandon Seitz	Phone Number: 541-922-3226
---	-----------------------------------	---	--------------------------------------

Cost of Proposal: NA	Fund(s) Name and Number(s): N/A
Amount Budgeted: NA	

Reviewed by Finance Department: Yes	Previously Presented: NA
---	------------------------------------

Attachments to Agenda Packet Item:

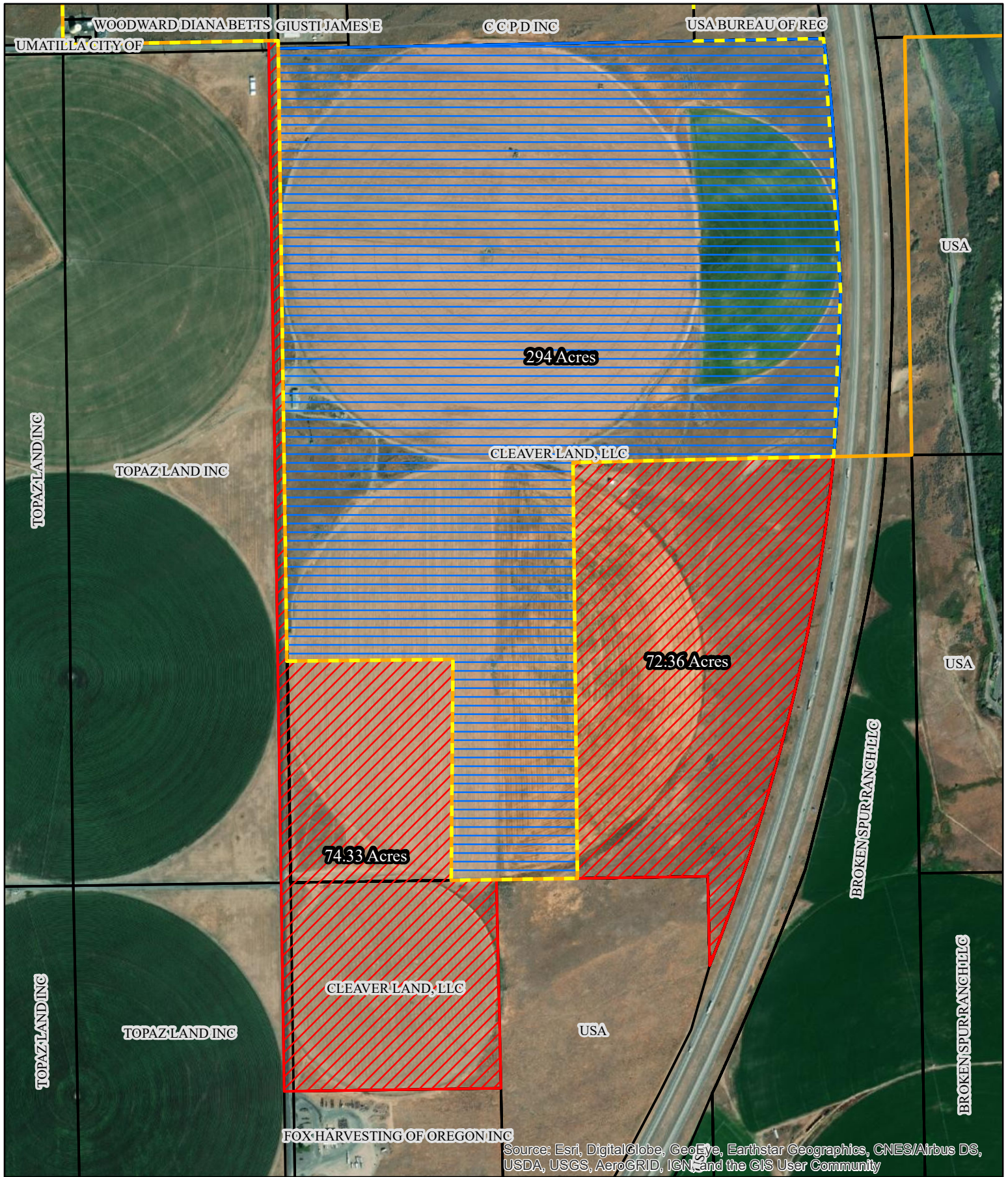
[Proposed Map Amendment.pdf](#)

Summary Statement:

Discussion only. The applicant, Cleaver Land, LLC, is working with the City of Umatilla to achieve approval of three applications – an Urban Growth Boundary (UGB) expansion, an Annexation, and a Zone Change – with the desired outcome to have approximately 450 acres of available land planned and zoned for industrial use. The UGB expansion will add about 150 acres to the UGB; the Annexation will add those same acres within the City Limits; and the Zone Change will rezone 294 acres from Single Family Residential to Light Industrial.

Consistent with Council Goals:






Goal 2: Promote Economic Development and Job Growth.



Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community


CLEAVER LAND REZONE SITE PLAN

Legend

-  New Light Industrial Add By UGB Expansion
-  Proposed Plan/Map Amendment Area
-  City Limits
-  Urban Growth Boundary
-  Tax Lots (3/23/20)

Feet

0 500 1,000 1,500



Map should be used for reference purpose: 149
Not survey grade or for legal use.

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Potential Litigation - ORS 192.660(2)(h) Authorizes council to consult with its counsel regarding current litigation or litigation likely to be filed. Media members must be excluded if the member is a party to the litigation.	Meeting Date: 2020-09-01
--	------------------------------------

Department: City Administration	Director: David Stockdale	Contact Person: David Stockdale	Phone Number: 541-922-3226
---	-------------------------------------	---	--------------------------------------

Cost of Proposal: NA Amount Budgeted: NA	Fund(s) Name and Number(s): N/A
---	---

Reviewed by Finance Department: No	Previously Presented: NA
--	------------------------------------

Attachments to Agenda Packet Item:

Summary Statement: Discussion

Consistent with Council Goals: N/A
--

CITY OF UMATILLA, OREGON

AGENDA BILL

Agenda Title: Potential Real Estate Transaction - ORS 192.660(2)(e) Authorizes council to deliberate with persons designated by council to negotiate real property transactions, including long-term leases. Does not authorize discussion of general leasing policies.	Meeting Date: 2020-09-01
--	------------------------------------

Department: Community Development	Director: David Stockdale	Contact Person: David Stockdale	Phone Number: (541) 922-3226
---	-------------------------------------	---	--

Cost of Proposal: NA	Fund(s) Name and Number(s): N/A
Amount Budgeted: NA	

Reviewed by Finance Department: No	Previously Presented: NA
--	------------------------------------

Attachments to Agenda Packet Item:

Summary Statement: Discussion only
--

Consistent with Council Goals: N/A
--