

City of La Pine
**Water and Wastewater Systems
Improvements and Expansion Projects**
Open House on October 24th, 2017



L A P I N E

O R E G O N

Presented by:

Cory Misley, City Manager, and Jake Obrist, Public Works Manager

What's Been Done?

- * **Early 2015 Updated Master Plans** → 20-year population growth needs for W/WW Systems
- * **Fall 2015 Water System Vulnerability** → Water System temporarily shuts down due to lack of redundancy
- * **February 2016 Open House at Rosland Elementary** → Prioritization of W/WW Expansion & Improvements
But . . . How to pay for \$25 million projects?

Continued...

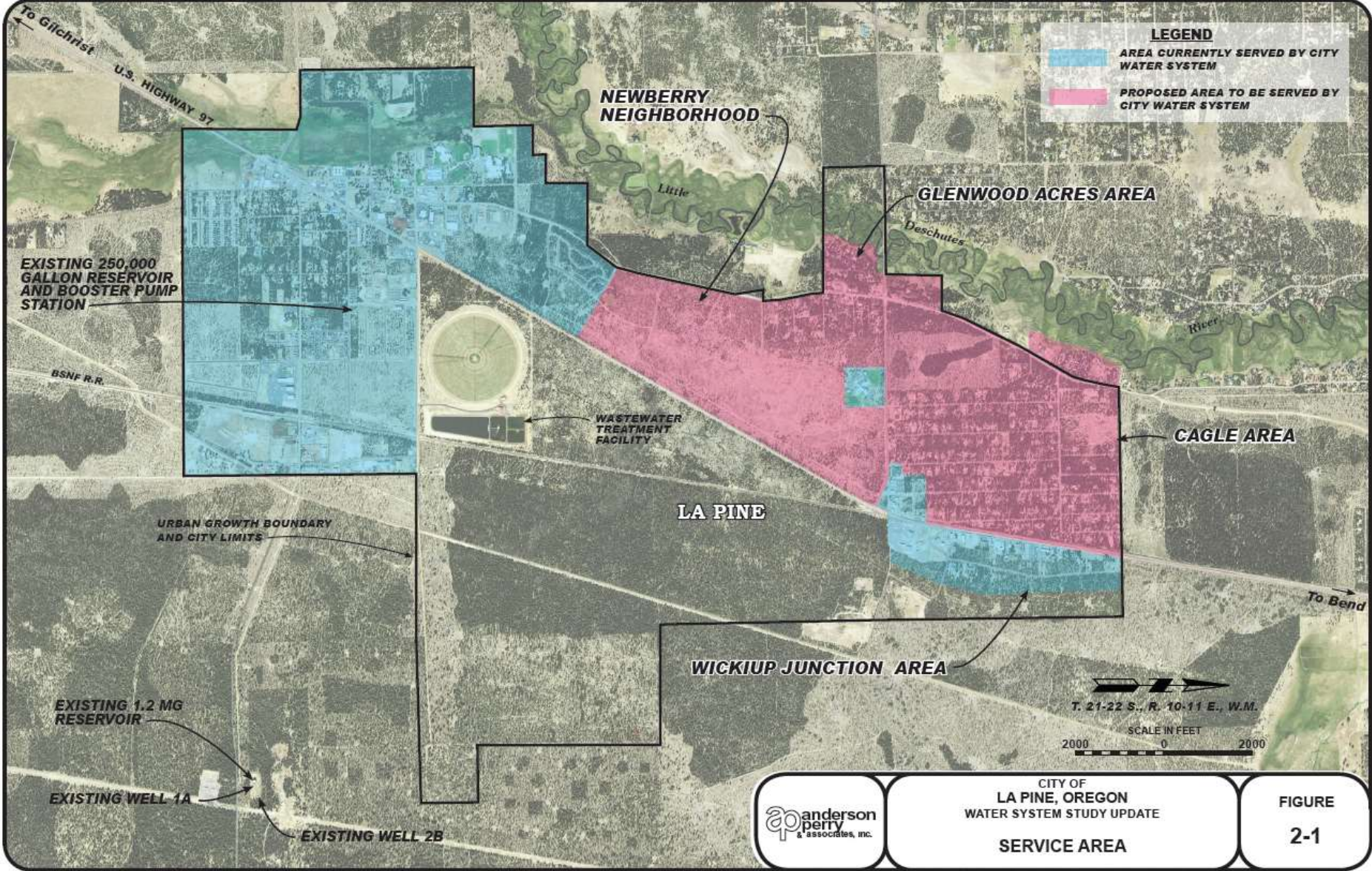
- * November 2016 Open House at Community Center → Update on funding applications and assistance
- * October 2017 Open House at Senior Center → Actual funding package secured and next steps/timeline

Open House Schedule

- * PowerPoint Presentation
 - * Project Purpose and Overview
 - * Proposed Project Cost Estimate
 - * Potential Funding Packages
 - * Potential Rate Impacts
 - * Project Schedule Update/Work Already Completed
 - * Common Questions
- * Open House, Q/A Session
 - * Four “Booths”
 - * Project Process, Funding, Rates
 - * Project Concept, Preliminary Design, Infrastructure
 - * Other City Projects
 - * General Information

Water

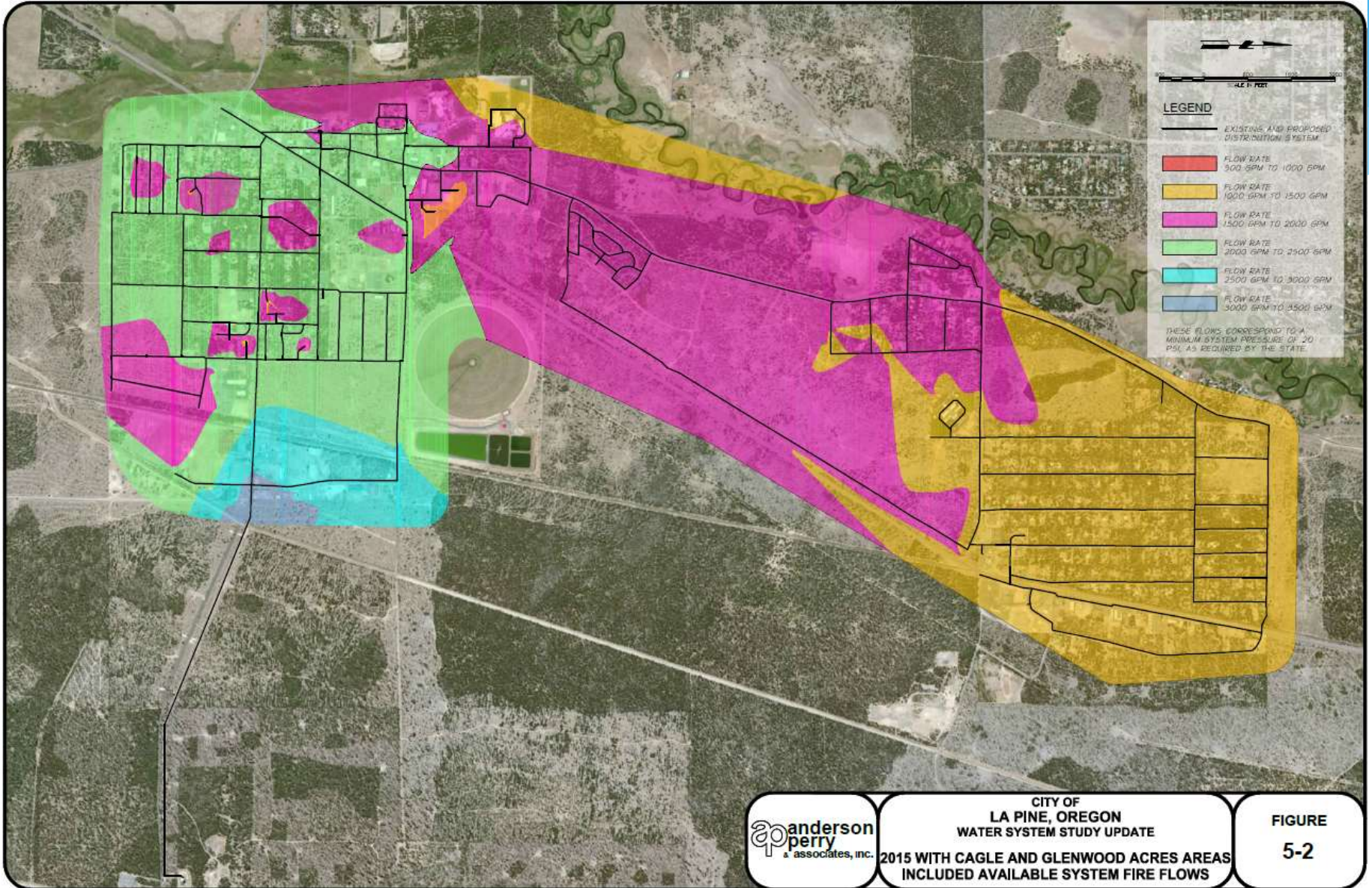
Purpose - Water



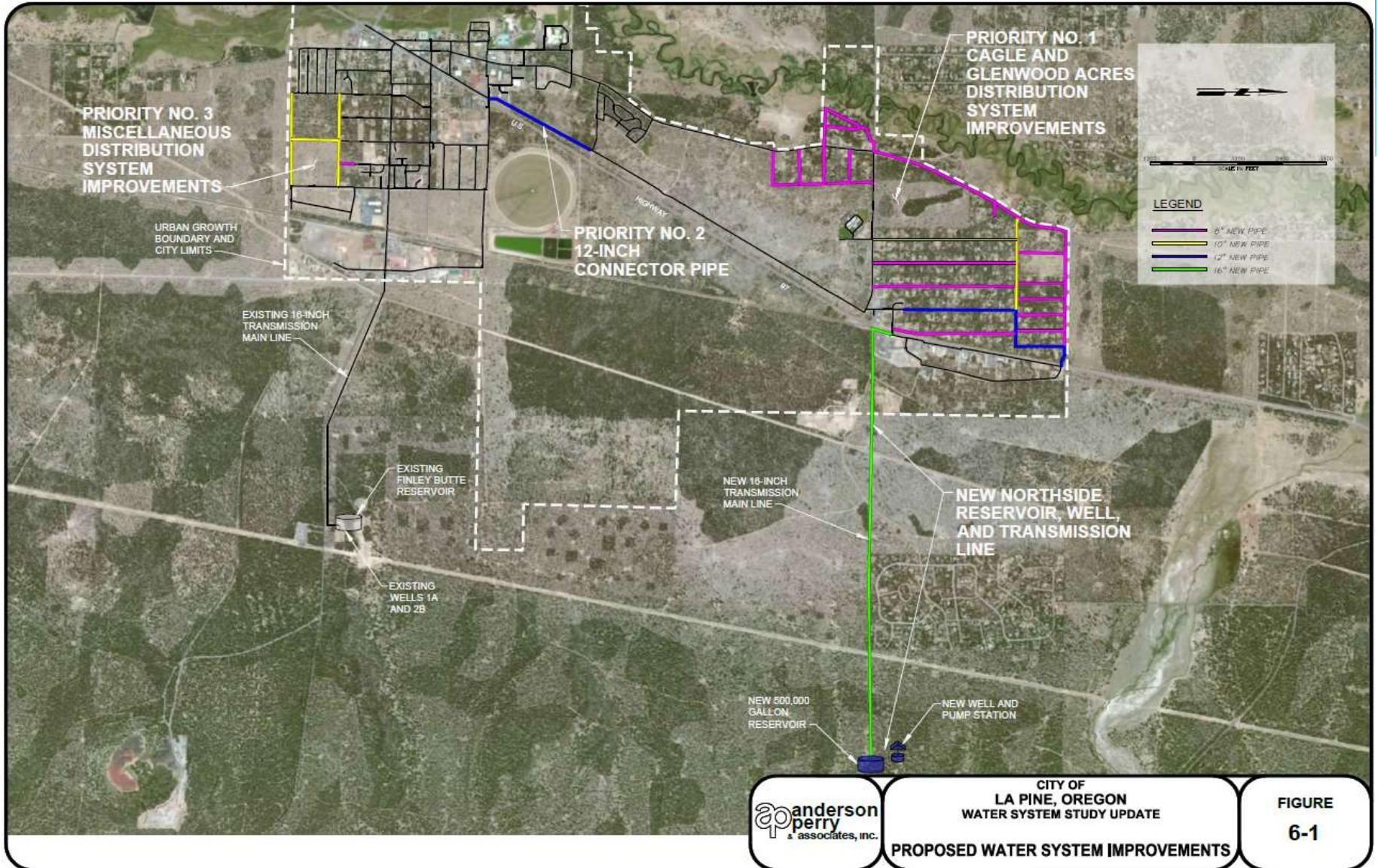
Purpose - Water

- * Provide Reliability and Redundancy
 - * Transmission Line Failure
- * Meet Minimum System Pressure (20 psi) - State Law
- * Increase Fire Flow Capacity
- * Extend Water Service into Cagle and Glenwood Acres Areas

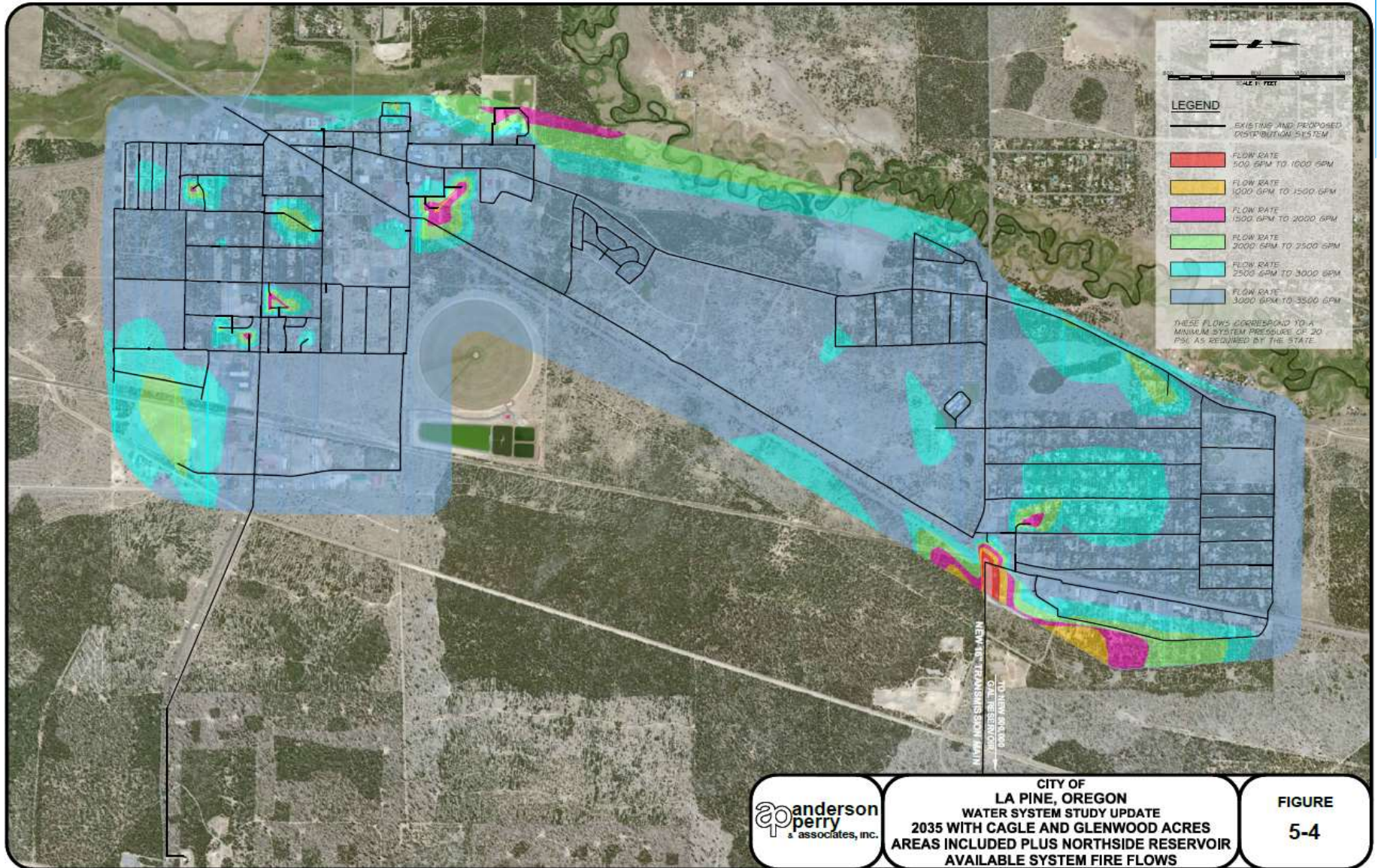
Purpose - Water



Proposed Improvements - Water

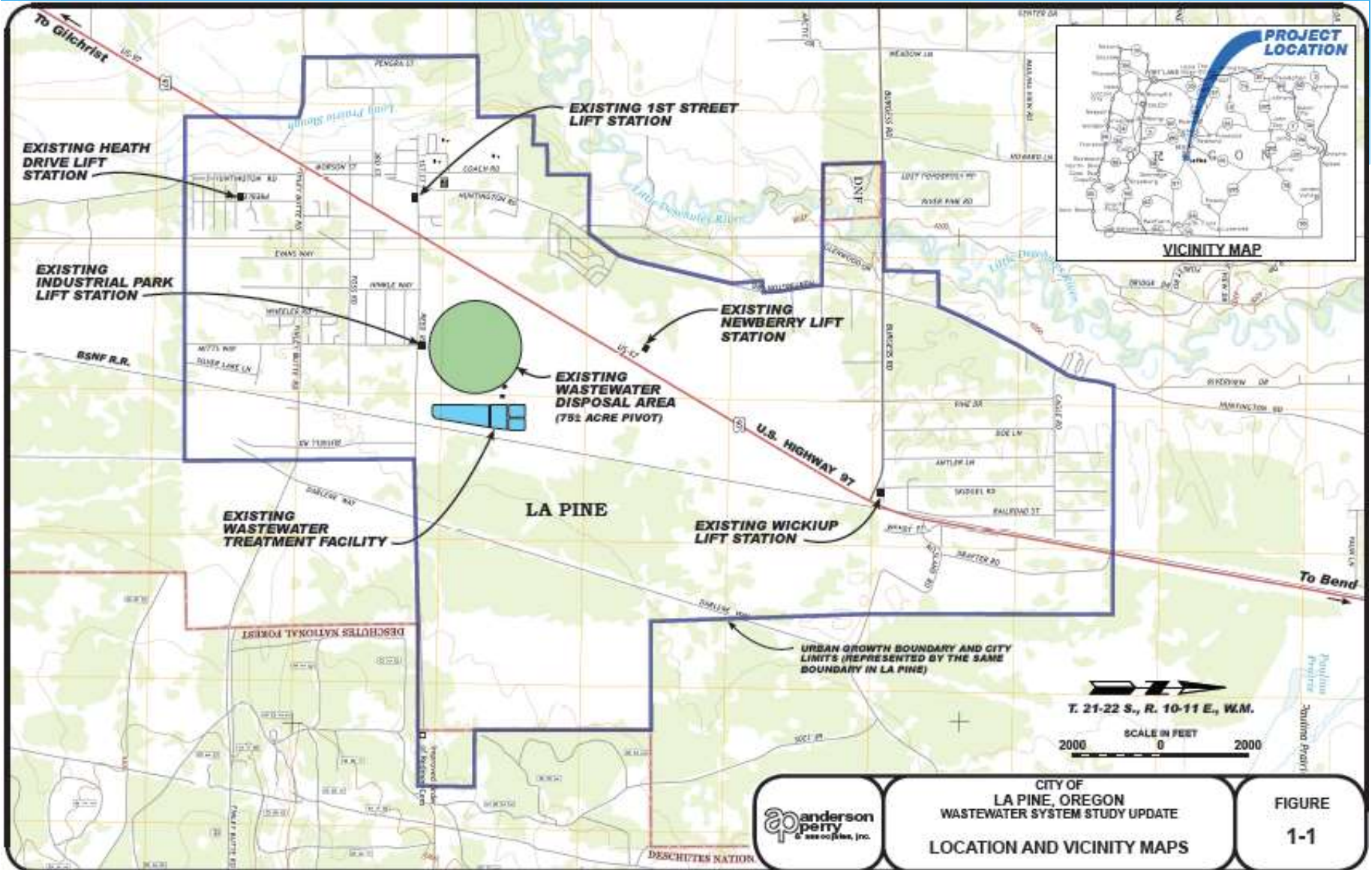


Proposed Improvements - Water



Wastewater

Purpose - Wastewater



Purpose - Wastewater

- * City Currently Operates a STEG System
- * Protect Shallow Groundwater in Cagle and Glenwood Acres Areas
- * Move Disposal Area to Protect Shallow Groundwater
- * Move Disposal Area farther from City and out of Industrial Property
- * Provide Additional Storage for Treated Wastewater
- * Provide Additional Disposal Area for Treated Wastewater

Proposed Improvements - Wastewater



LEGEND

- NEW 4" PRESSURE SEWER PIPE
- NEW 6" GRAVITY SEWER PIPE
- NEW 8" GRAVITY SEWER PIPE
- EXISTING SEWER PIPE (DATE NOT SHOWN)
- NEW LIFT STATION
- EXISTING LIFT STATION



CITY OF
LA PINE, OREGON
WASTEWATER SYSTEM STUDY UPDATE
**PROPOSED WASTEWATER
SYSTEM IMPROVEMENTS**

FIGURE
4-9

Project Benefits

- * Water

- * Provide Reliability and Redundancy to the Entire System
- * Provide Adequate Fire Flows in Northern Portion of La Pine, Promoting Development
- * Lower Fire Insurance Rates in Portions of La Pine

- * Wastewater

- * Provide Adequate Capacity in the Wastewater Treatment and Disposal System, Allowing for Future Growth
- * Cagle and Glenwood Acres Residents No Longer Need to Maintain a Septic Tank and Drainfield

Proposed Project Costs

- * **Water System Improvements- \$10,637,500**
- * **Wastewater System Improvements - \$14,028,000**
- * **Total - \$24,665,500**
- * Includes all Project Costs including Design, Construction, and Contingencies

Loan and Grant Summary

	Loans	Grants	City Contribution	Total
Wastewater	\$6,250,000	\$6,145,000	\$1,633,000	\$14,028,000
Water	\$6,336,000	\$3,450,500	\$851,000	\$10,637,500
Total	\$12,586,000	\$9,595,500	\$2,484,000	\$24,665,500

Potential Rate Impacts

	BASE RATE	CONSUMPTION	TOTAL
WATER			
Existing Rates (2017)	\$30.66	\$8.72	\$39.38
2018 Rates	\$31.58	\$9.00	\$40.58
WASTEWATER			
Existing Rates (2017)	\$23.03	\$15.01	\$38.04
2018 Rates	\$25.33	\$16.50	\$41.83
COMBINED W/WW			
Existing Rates (2017)	\$53.69	\$23.73	\$77.42
2018 Rates	\$56.91	\$25.50	\$82.41

Summary and Next Steps

- * The City has received nearly \$9.6 million in grants, and received the required loans to complete the project at interest rates of 1% and 2%. The City will be able to complete these projects with minimal rate increases.
- * The City has bonding authority for the required loans to be serviced through revenue bonds (W/WW Utility Payments).

Summary and Next Steps continued

- * The City has been awarded a CDBG grant for the design of the Wastewater System Projects, and have budgeted City funds for the design of the Water System Projects.
- * The City is in the process of developing a Request for Proposals (RFP) for design and construction engineering services. Once the City selects a firm to complete the work, the design of these projects can begin.

Common Questions

- * Will I have to hook up to the new system?
 - * Yes.
- * What will the hook-up fees be?
 - * If the proposed funding package is received, the hook-up cost will be absorbed in the project and current homeowners will not pay a hook-up fee.
- * Can I keep my well for irrigation?
 - * At this time, the City's ordinances allow homeowners to keep private wells. These wells will have to be fully disconnected from the City's water system.

Common Questions, continued

- * **Can I keep my existing septic tank?**
 - * It depends. This will be determined on a case-by-case basis, depending on condition, location, etc.
- * **Will I have to continue to maintain my septic tank?**
 - * No. After the project is complete, the City will own, operate, and maintain all of the septic tanks. The City will pump the tanks on a regular basis.
- * **Does the City chlorinate or add other chemicals to its water?**
 - * No. Currently the City obtains its water from deep basalt aquifers that are roughly 250' in depth. At this time, the City is not required to chlorinate its water for disinfection. The City does not add any other chemicals to its water.

Low Income Assistance Programs?

- * The City is researching assistant programs to help low income customers with W/WW utility costs.
- * Customers would need to meet certain income guidelines to qualify for these type of assistance programs and maintain good standards with non-delinquency.
- * We plan to create this program within the next year.

Open House

* Booths

- * Project Process, Funding, Rates → Cory
- * Project Concept, Preliminary Design, Infrastructure → Jake
- * Other City Projects → Ashley
- * General Information → Holly

Contact Information

La Pine City Hall

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