

*Rio Dell City Hall
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April 1, 2025

TO: Rio Dell City Council

FROM: Kyle Knopp, City Manager

SUBJECT: Presentation and Update from City Engineer

IT IS RECOMMENDED THAT THE CITY COUNCIL:

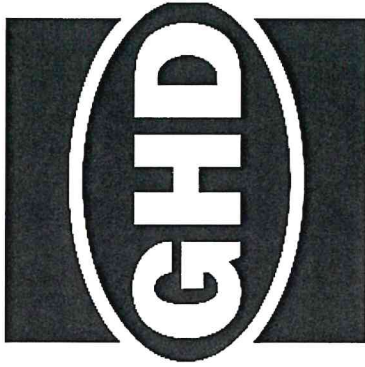
Receive the presentation and provide direction to staff, if any.

BACKGROUND AND DISCUSSION

The City's engineering firm, GHD, will provide an update on projects for the City.

Attached is a draft Powerpoint for the presentation.

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City Engineering Update



Transportation

Drinking Water

Wastewater

Geographic information Systems (GIS)

Earthquake Engineering Support

Transportation

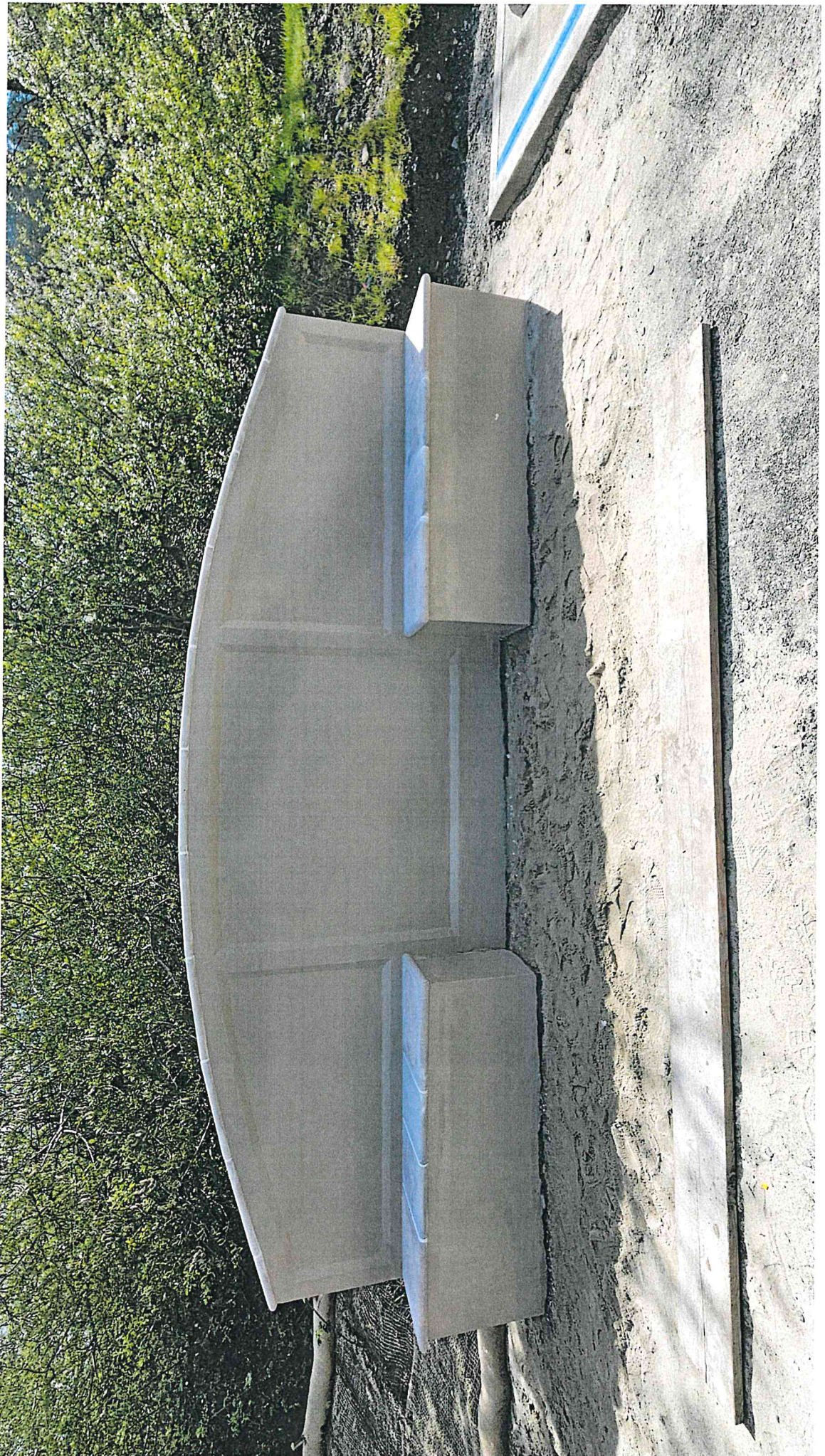
Active Projects

- Eel River Trail Project
 - Pedestrian trail between Edwards Dr and Davis St along the Eel River
 - Major Work items complete
 - Construction complete by June 30, 2025
- Neighborhood Pedestrian Connectivity Improvements
 - Sidewalk infill project – Painter St, Ireland St, and Center St
 - Project to be put out for Bid May 2025
 - Construction Summer/Fall 2025
- Traffic Study – Wtrans conducting study to be reimbursed through HCAOG
- Potential Future Projects
 - Improvements at Second and Ogle
 - Improvements on Northwestern

Eel River Trail Project

- Striping completed March 25, 2025
- Punch List Items Remaining
- Project complete by end of June 2025



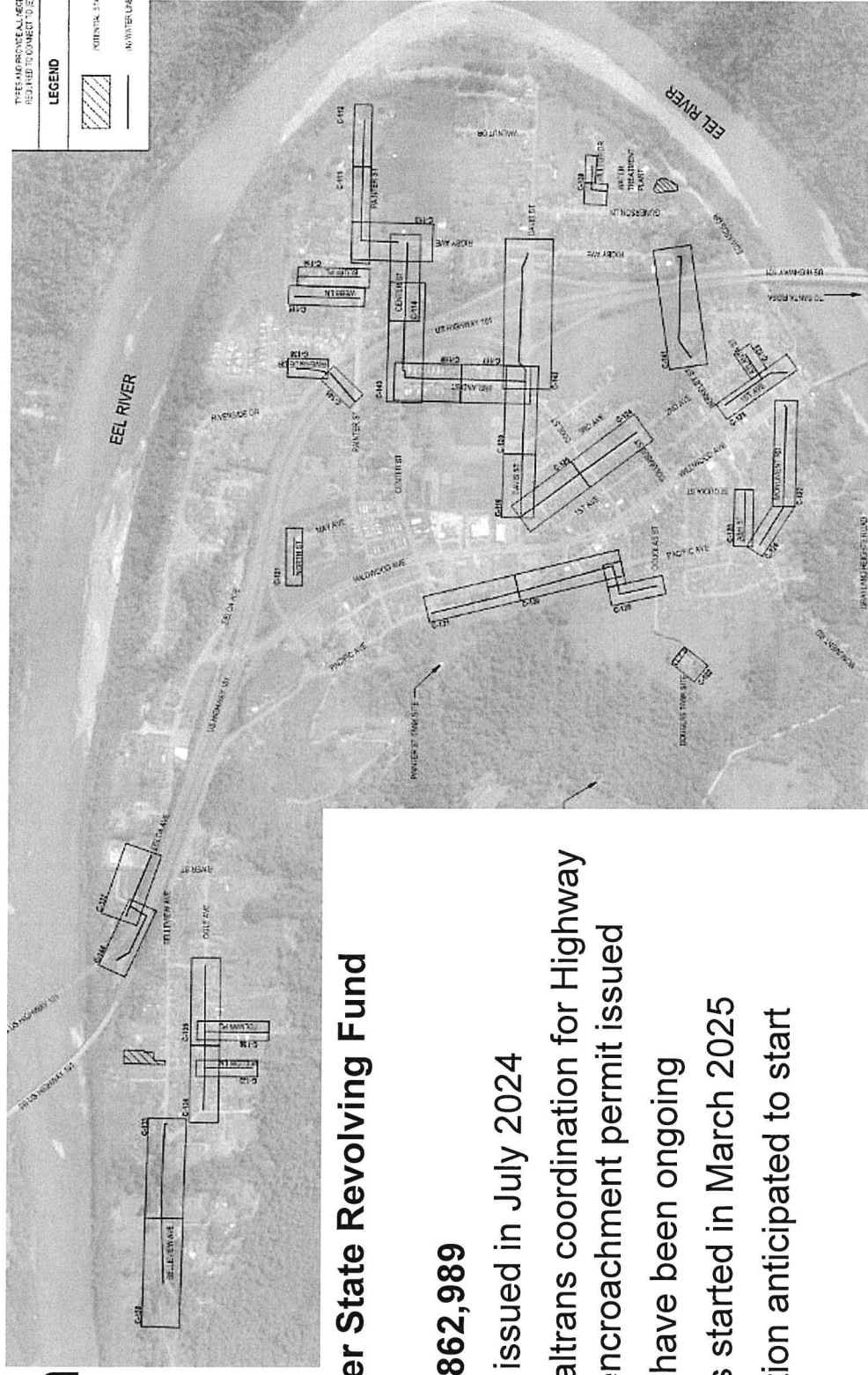


Water Distribution System Upgrade Project

**SWRCB Clean Water State Revolving Fund
Funded**

SWRCB Grant \$12,862,989

- Notice to Proceed issued in July 2024
- Final stretch for Caltrans coordination for Highway crossings before encroachment permit issued
- Submittal reviews have been ongoing
- Potholing activities started in March 2025
- Water line installation anticipated to start March/April 2025

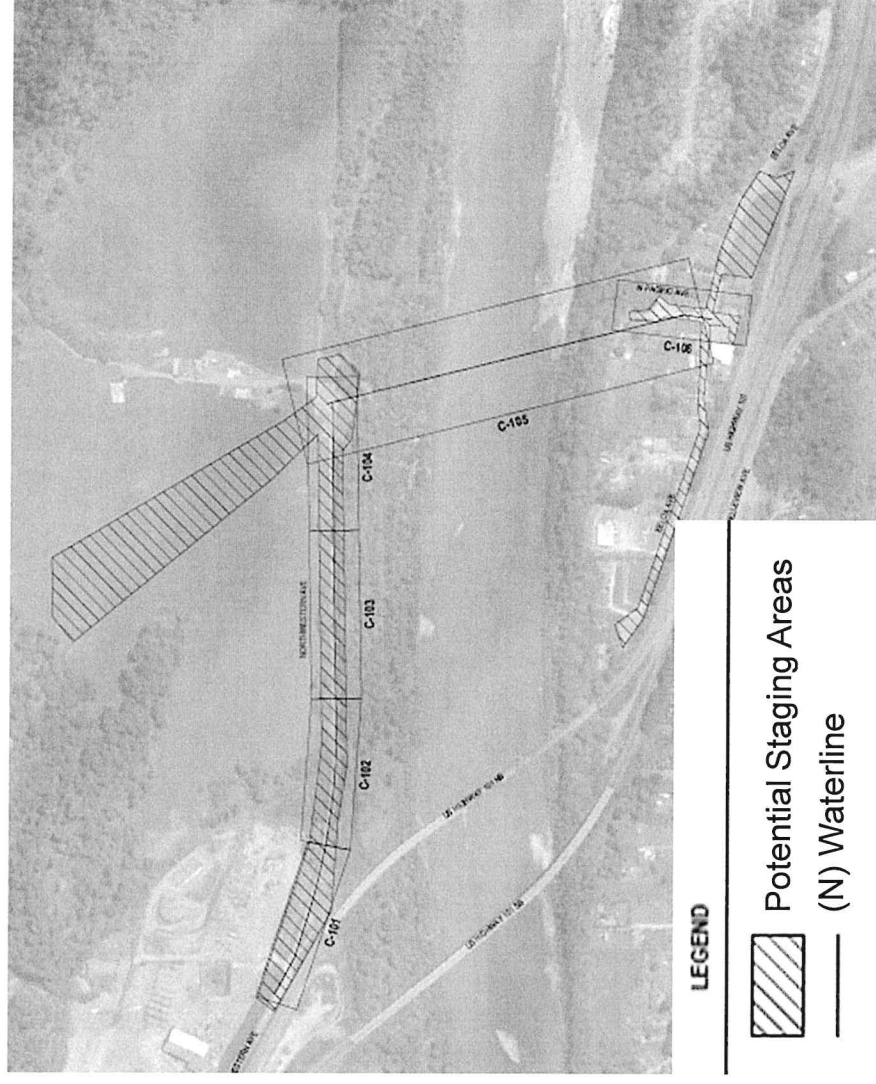


Water

Eel River Crossing Pipeline Retrofit Project

FEMA Hazard Mitigation Grant Program Funding

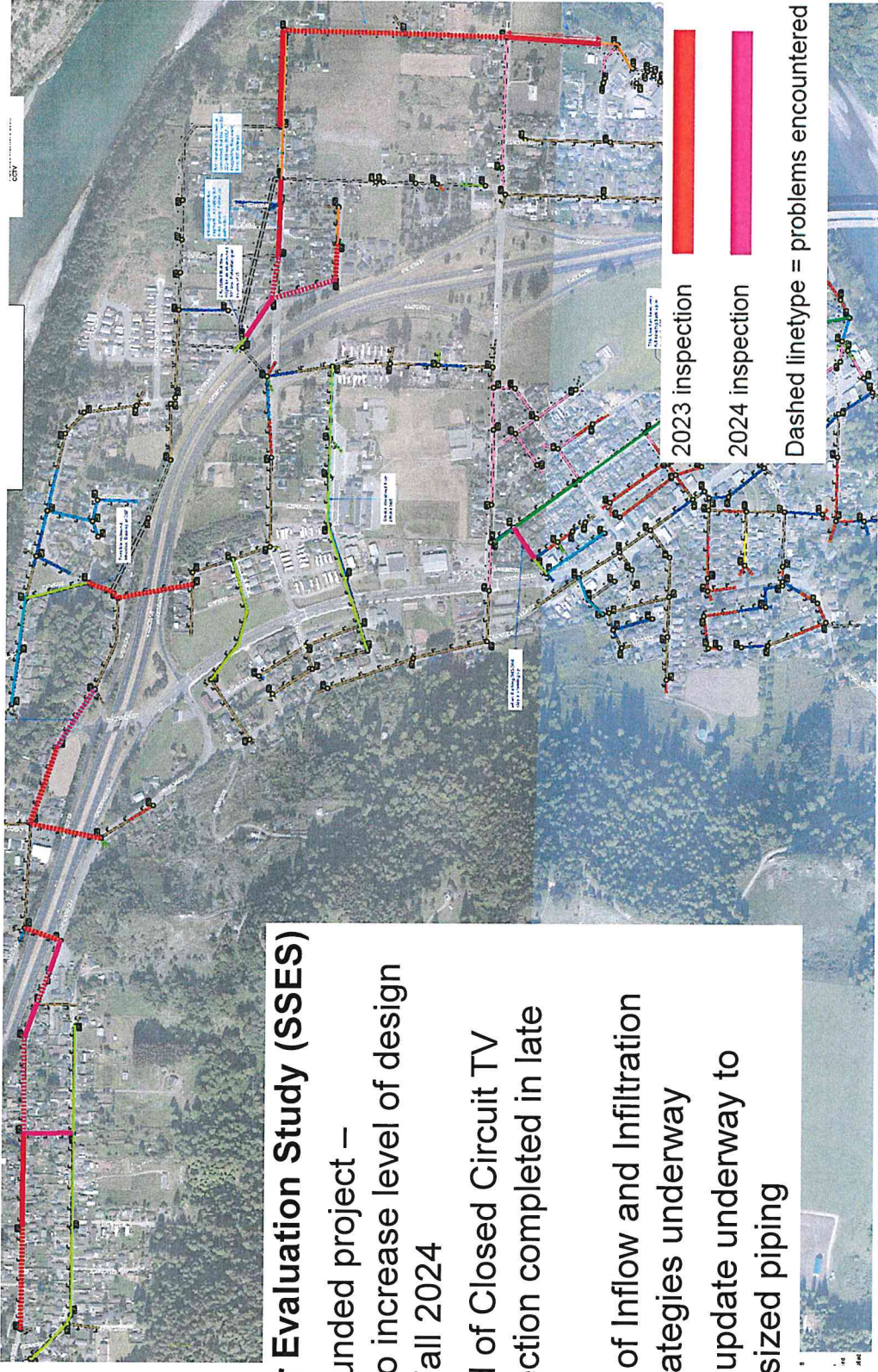
- \$3,375,160 in Project Funds (75% Reimbursable)
- 25% State Match Funding Request Submitted to the State Board
- \$166,464 in Grant Management Budget (100% Reimbursable)
- 65% Design Complete and submitted to FEMA
- Waiting on FEMA funding for final design
- State Lands Commission Permitting on-going



Wastewater

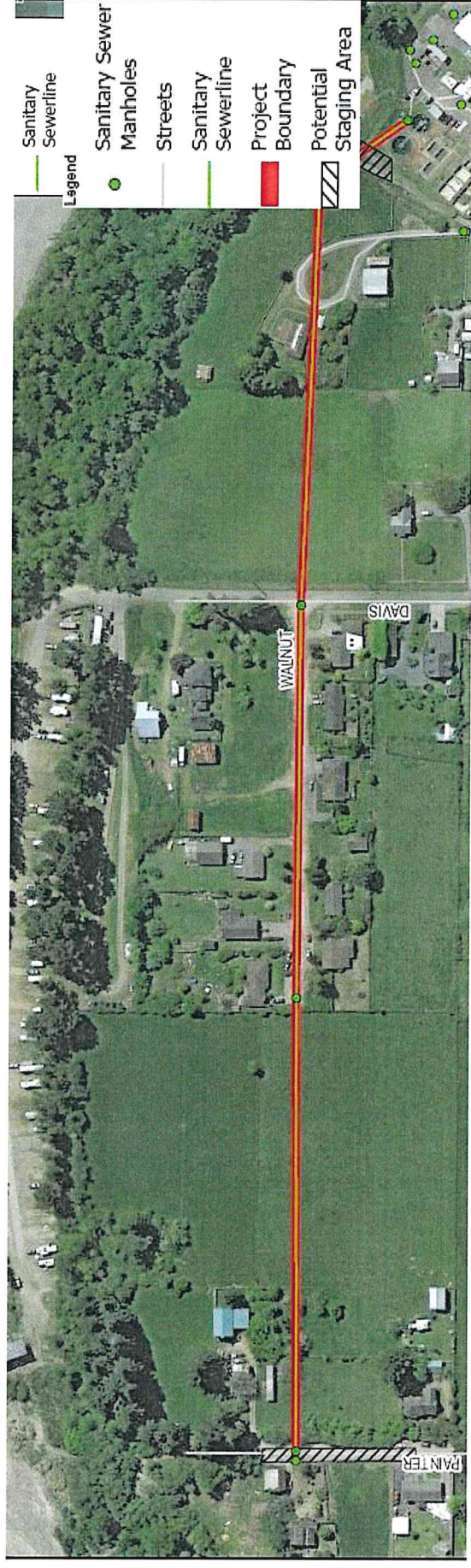
- **Sanitary Sewer Evaluation Study (SSES)**

- State Board funded project – Amendment to increase level of design approved in Fall 2024
- Second round of Closed Circuit TV pipeline inspection completed in late 2024
- Development of Inflow and Infiltration Reduction Strategies underway
- Sewer model update underway to identify undersized piping

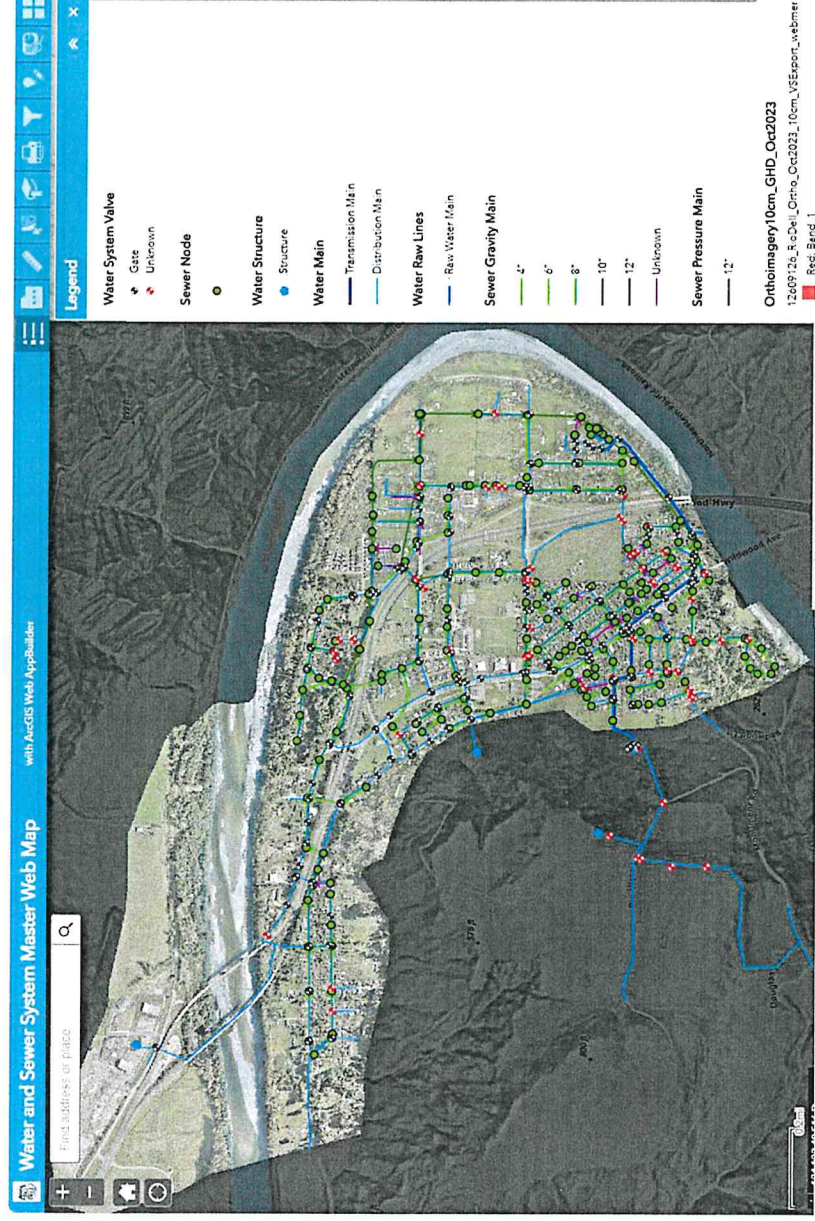


Wastewater Painter Line Upsizing

- Final Design and Specs complete by April/ May for bidding
- Project includes
 - New Vault at the north end of Painter Street to replace two manholes
 - Replacement of the existing undersized sewer line with two-15 inch dual pipelines
 - Ongoing coordination with Landowners for revised easement alignments
- SWRCB funding for construction expected Summer 2025



GIS Support Update



- Guided the City’s GIS Intern in 2023-2024
 - Best practices for using GPS device
 - Guidance for web-based data management
- Added Orthomagey captured in Oct 2023 to the web maps
- Captured Stormwater data for select segments of the City
- Drafted a GIS strategy document to guide the City’s approach to GIS

Earthquake Engineering Support

- Scope was developed to support the City preparing damage reports which will eventually lead to project funding to address earthquake damage.
- Status Summary as Follows:

System Component	Damage Assessment Report Status
Contact Basin	Approved – Design to move forward
Fern Lift Stations	Approved – On hold
Metropolitan Well Site	Approved – On hold
Infiltration Gallery	Approved – Design to move forward
Damages to the Painter Street Tank	Pending Site Visit