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December 5, 2023

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
Earthquake Engineering Support

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December 5, 2023 City of Rio Dell Engineering Update | GHD

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Transportation

Active Projects

- 2019 Rio Dell Safe Routes to School Project
 - Construction completed at the end of 2022 following Caltrans inspection
 - ATP user count methodology awaiting Caltrans approval for final project closeout.
- 2022 Eel River Trail Project
 - Pedestrian trail between Edwards Dr and Davis St along the Eel River
 - Design and environmental permitting is ongoing
 - Construction to start in 2024
- 2023 Neighborhood Pedestrian Connectivity Improvements
 - Sidewalk infill project – Painter St, Ireland St, and Center St
 - Design funding allocated Jan 2024
 - Construction funding allocated Summer 2024

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Transportation

Upcoming Projects

- Citywide Street Improvements – Project Study Report (PSR) preparation
 - Prepare two PSR's for 2024 STIP application
 - Belleview Ave PSR
 - Spring St to Creek St
Maintenance paving, including 2" overlay and striping
 - Blue Slide Rd to Creek St
Drainage work and chip seal treatment
 - Pedestrian Connectivity
Originally included in current pedestrian connectivity project
 - Citywide Maintenance Paving and Overlay PSR
 - 8 streets throughout Rio Dell
Include maintenance paving, 2" overlay, select road reconstruction, drainage improvements, slurry seal to recently paved streets

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Transportation

Citywide Street Improvements PSR's

Belleview Ave - Blue Slide Rd to Wildwood Ave

- Maintenance paving with 2" overlay, striping and slurry seal
- Drainage work from Blue Slide Rd to Creek St
- Pedestrian Connectivity from Creek St to Wildwood Ave, to include new sidewalk, curb ramps and ADA crossings



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Transportation

Citywide Street Improvements PSR's



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Transportation

Citywide Street Improvements PSR's

Ireland St

- Maintenance paving with 2" overlay, striping and slurry seal

Ogle Ave

- Road reconstruction and drainage improvements

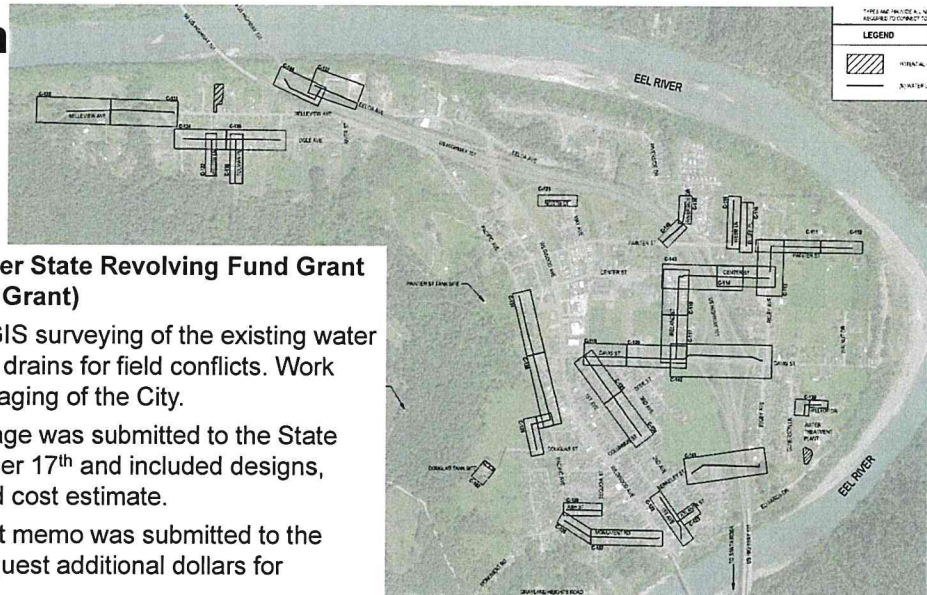


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Water Distribution System Upgrade Project



SWRCB Clean Water State Revolving Fund Grant \$12,862,989 (100% Grant)

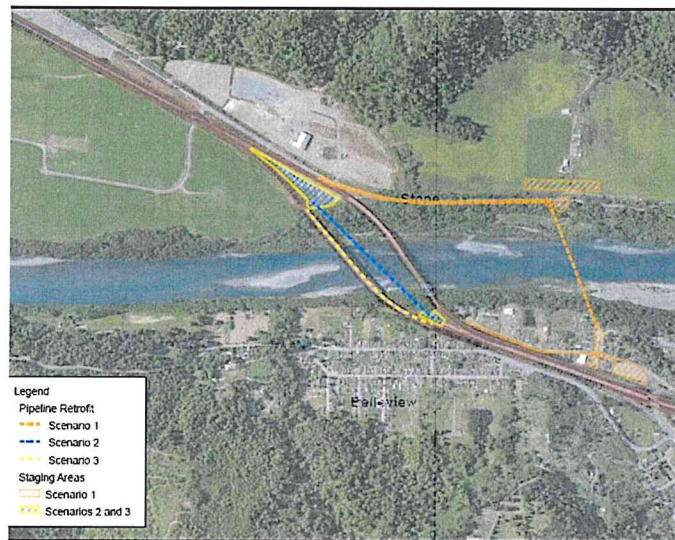
- GHD conducted GIS surveying of the existing water system and storm drains for field conflicts. Work included drone imaging of the City.
- 95% design package was submitted to the State Board on November 17th and included designs, specifications, and cost estimate.
- A cost amendment memo was submitted to the State Board to request additional dollars for construction.

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Water Eel River Crossing Pipeline Retrofit Project

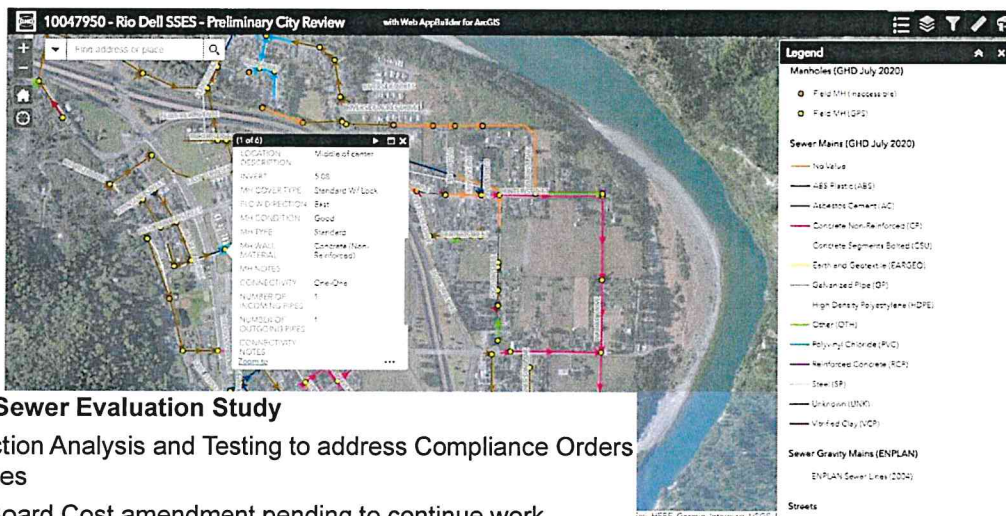
FEMA Hazard Mitigation Grant Program Funding

- \$3,375,160 in Project Funds (75% Reimbursable)
- \$166,464 in Grant Management Budget (100% Reimbursable)
- Alternative analysis was completed
 - A meeting with the City was held and Scenario 1 is the preferred alternative
- GHD will start the design for Scenario 1.



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Wastewater



- Sanitary Sewer Evaluation Study
 - Disinfection Analysis and Testing to address Compliance Orders Continues
 - Water Board Cost amendment pending to continue work

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Wastewater Painter Line Upsizing

- GHD has completed all RFI items for the DWSRF Construction Application
- Final biological and cultural resources report to be submitted by 12/8



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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 | Completed |
| Metropolitan Well Site | Final Draft |
| Wastewater Lift Stations | In Progress |
| Infiltration Gallery | In Progress |
| Damages to the Painter Street Tank | Pending Site Visit |
| (2) Water line Crossings 101 Freeway | In Queue/ Asking for SWRCB Funding |
| 4) Sewer line Crossings 101 Freeway | In Queue |