



CITY OF COBURG • P.O. BOX 8316 • COBURG



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## Regional Fiber Consortium 2022-23 Grant Proposal

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### CITY OF COBURG FIBER EXTENSION ON COBURG INDUSTRIAL ROAD TO COBURG SEWER PLANT

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**The Project:** This project extends fiber on North Industrial Road in Coburg Oregon northwest to the Coburg Sewer plant and operations center where vault will be installed. Trenching will then continue on out to North Coburg Road and place a vault for future service north and south on North Coburg Road.

This work will include two creek crossings which will require 300 feet of direction boring as well as 1600 feet of plowing to install 1.25 inch hdpe conduit.

**Project Budget:** The total cost of the project will be \$27,647. **Coburg is requesting \$25,000** and is prepared to provide a match of \$2,647.

**The Purpose:** The purpose is to not only provide high speed fiber line to the City utility infrastructure, but to utilize City property to continue the service north and make it available to North Coburg Road and thus additional users.

The City Sewer Plant and future Operations Center (summer of 2023) are not currently hooked up to high speed service nor are they hooked up to the City network. This is important because the security systems for both monitoring and for cyber security can be better monitored and managed by the City's IT service if it is connected to the City network. As attacks on infrastructure are a concern of all cities, it is in the City's work plan to increase the security and monitoring of all city utilities. Additionally, this allows for Public Works offices to be located at the new operations center and for connection to the City network along with all other City locations. Benefits include:

- Long term savings from vendors being able to manage SCADA remotely
- Remote Access to Sewer Plant operations
- Adding the City workstations would allow them to be included in the City network security system, and thereby making it a more secure environment.
- Accessing City File Shares for saving critical documentation that is backed up offsite.

Currently, there are not services extended up North Coburg road and this allows for this service to move through a City owned property without trenching along a road, and provide service to an area that is currently not served. Additionally, it extends fiber to the north of Coburg beyond the City limits.

**Timeline:** This work may begin immediately upon funds being granted and completed by the end of summer of 2023.

**Contractor:** DFN has leased fiber to the City of Coburg and is currently installing line throughout the City. They will continue with this project as part of extension of service through the City of Coburg.