



COLUMBIA IRRIGATION DISTRICT

CAPITAL IMPROVEMENT PLAN

2025

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C.I.D started the Capital Improvements plan (CIP) in 2021 including a charge to our customers collected yearly along with assessments. The CIP charge is based on the projects that the District is planning to do in the off season, and if there are any funds left over they are applied to the next fiscal years CIP charge.

The District has used the CIP charge to line canal, slip line old concrete pipes going under the road, purchase and install automated gates for the canal with assistance from grant funds, replace pipelines, make major repairs to canal infrastructure and build new canal roads and rebuild existing canal roads.



IMPROVEMENTS TO YOUR DISTRICT

Canal lining

Canal piping

Canal automation

Canal road rehabilitation

Flume repair

Pipeline replacement

Tree removal

Water filtration

CANAL LINING

- The District is working every year to line sections of the canal, starting with high-risk areas. The District has lined nearly 3 miles of canal in the last 5 years with the help from USBR Grant funding and the District's Capital Improvements charge. The District has lined the canal with concrete and HDPE liner material.



CANAL PIPING

The District is exploring the option of piping the canal in certain locations. The goal would be water conservation and reducing issues we face with open canals.



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CANAL AUTOMATION

The District has been aggressive in the last 7 years purchasing and installing Rubicon automated canal gates. The District now has 14 operational gates with 6 more gates being installed this off season. Roughly 40 percent of the cost of our automated canal gates has been funded by watersmart grants from USBR.

CANAL ROAD REHABILITATION

The District has been working every year to rehabilitate the canal roads through out the District, these improvements will help with dust and weed growth as well as raising the roads to be able to hold water in the canal longer to maintain serviceable water levels.



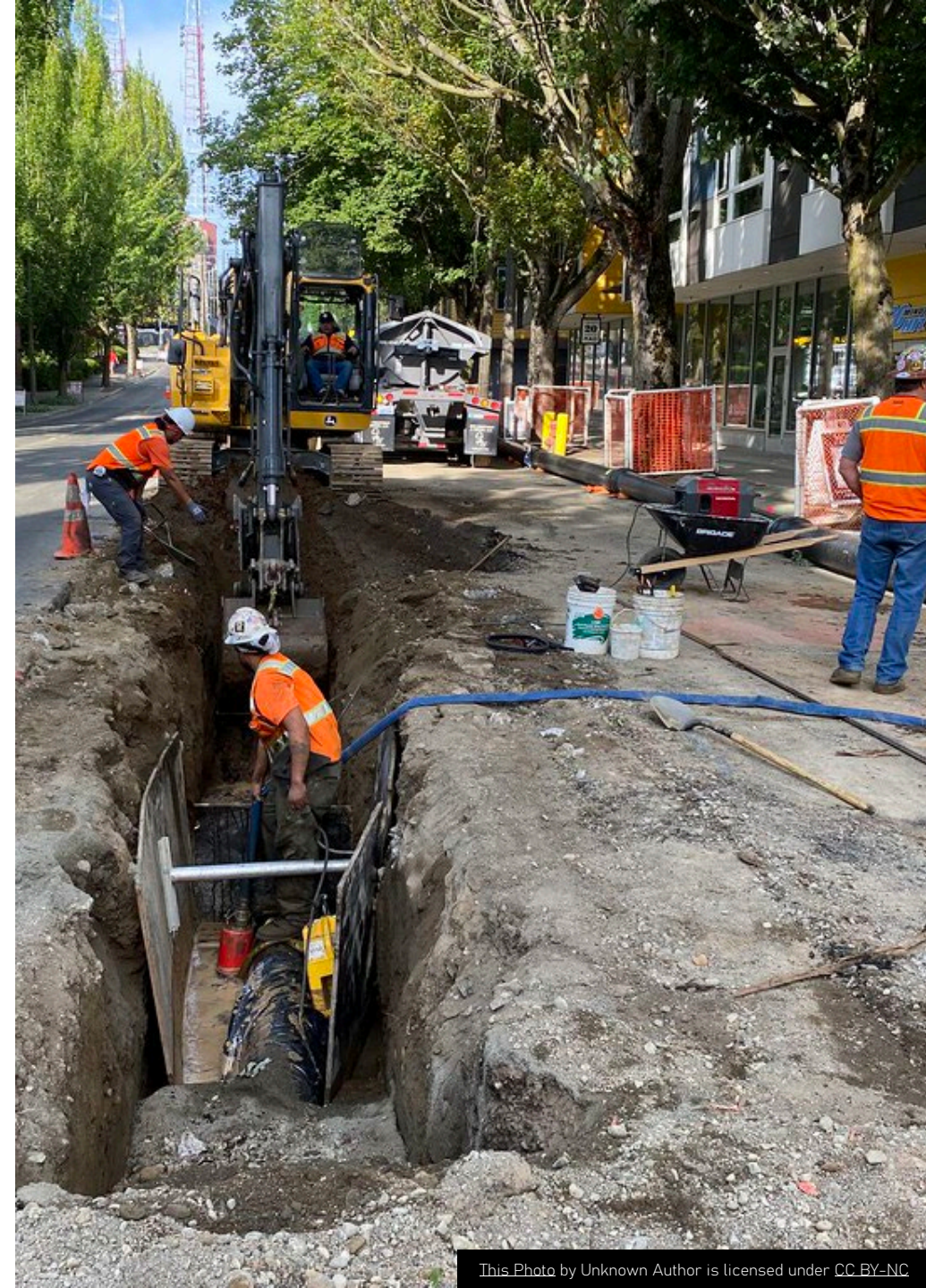
FLUME REPAIR

The District had to repair one of our flumes this year. We hired a contractor to apply a polyurea lining on the concrete section leading up to the flume and repair the gasket at the first joint.



PIPELINE REPLACEMENT

The District is currently looking at options for funding to replace some of the city lines in downtown Kennewick and the Finley area, the targeted pipelines are failing due to their age and material including wood, concrete, and clay pipe.





TREE REMOVAL

The District has been working hard the last 8 years to remove dead trees and trees that could pose a risk to the canal, we are also working hard on controlling nuisance trees. The District bought a woodchipper in 2019 so we could be independent on some of the tree removal. The District also plans on buying additional equipment in the coming years to further our ability to control trees on the R.O.W

WATER FILTRATION

The District is constantly working on improving the water quality for our customers, we have purchased and installed three new automated screens at the canal with plans to install more. The reviews and comments back to the District have been very positive in the areas we have installed these screens.







