

CASTLE PINES NORTH



METROPOLITAN DISTRICT™

Memorandum

From: Nathan J. Travis

To: CPNMD Board of Directors

Date: 7/24/2023

Re: District Manager's Report **ADENDUM**

Yorkshire Waterline Replacement

I would like to add an additional Capital Project for approval this year. We have been working with the City to Try and “team up” to complete this project in conjunction with their paving program next year, to capture some savings in the paving operation, however the savings would be relatively small, as they are not doing a full remove and replace. This line has broken several times just this year as you can see in the attachment, and our engineering firm recommends that we move forward as quickly as possible. It is highly likely that any savings captured would be more than lost by waiting. The condition of the waterline is incredibly poor. We expect the frequency and severity of waterline breaks to accelerate in the area.

We do have 1.5 million in capital projects planned for a well replacement. I'm hopeful to be including a cost estimate at tonight's meeting, however Kennedy Jenks may not yet have that budget number just yet. I do not know if this would ultimately require a budget amendment or not.

CPNMD would replace the waterline in its entirety, remove and patch the asphalt from Berkshire Lane North, to be milled and overlaid by the City of Castle Pines next year. From Castle Pines parkway, CPNMD would both remove and patch the trench line, as well as mill and overlay this section, as it was recently completed. This would also require us to tie into the new roadway in Castle Pines Parkway, we would do additional milling and replace any removed flow-pan.

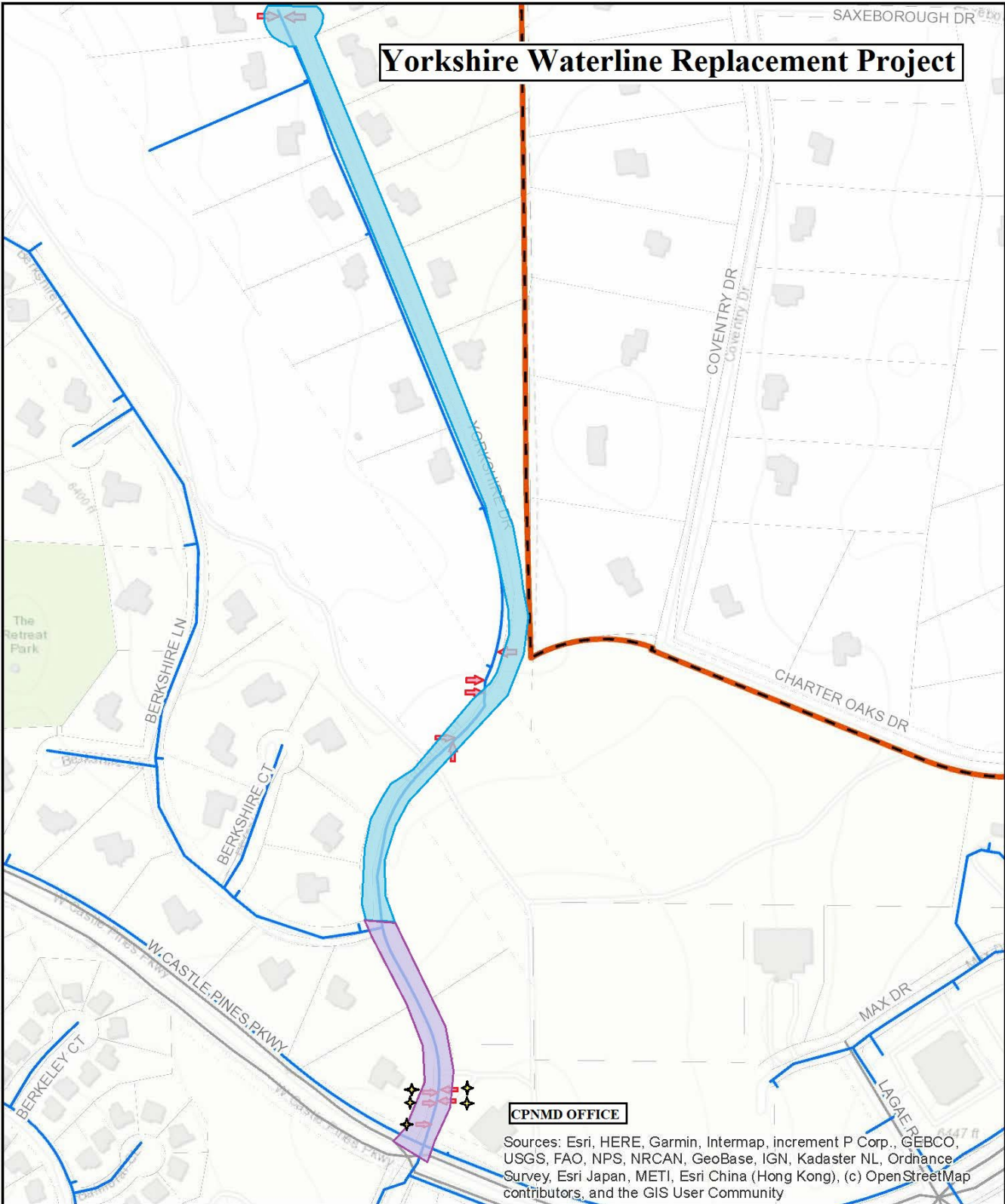
With board approval I'll make initial contact with each of the affected homeowners to get them updated and keep open lines of communication as the project moves forward.

The design is already complete, as we were preparing to work with the City of Castle Pines on this project anyway, and we could go to bid relatively quickly.

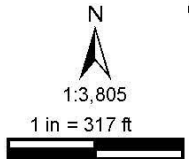
Attached is a “quick and dirty” visual overview of the project scope.

There have been a total of 12 repairs on this line in the past 8 years, and 5 of those have come in the past 12 months. The condition of the pipe is such that the line frequently breaks immediately upon recharging the system following a repair, this is why there are so many repairs so close together.

Yorkshire Waterline Replacement Project



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), (c) OpenStreetMap contributors, and the GIS User Community



07/24/2023

- Repairs Made (past 8 years)
- Repairs made (Past 12 Months)
- City Mill/ Overlay 2024/ CPNMD cut & patch trench
- CPNMD Mill/ Overlay Asphalt
- Existing Waterline