

Ostenson Canyon

Intersection Repair Update





September 2019

Operations staff became aware of slope destabilization next to the existing stormwater outlet. Temporary fencing, sandbags, and other safety measures were installed until a solution could be constructed.



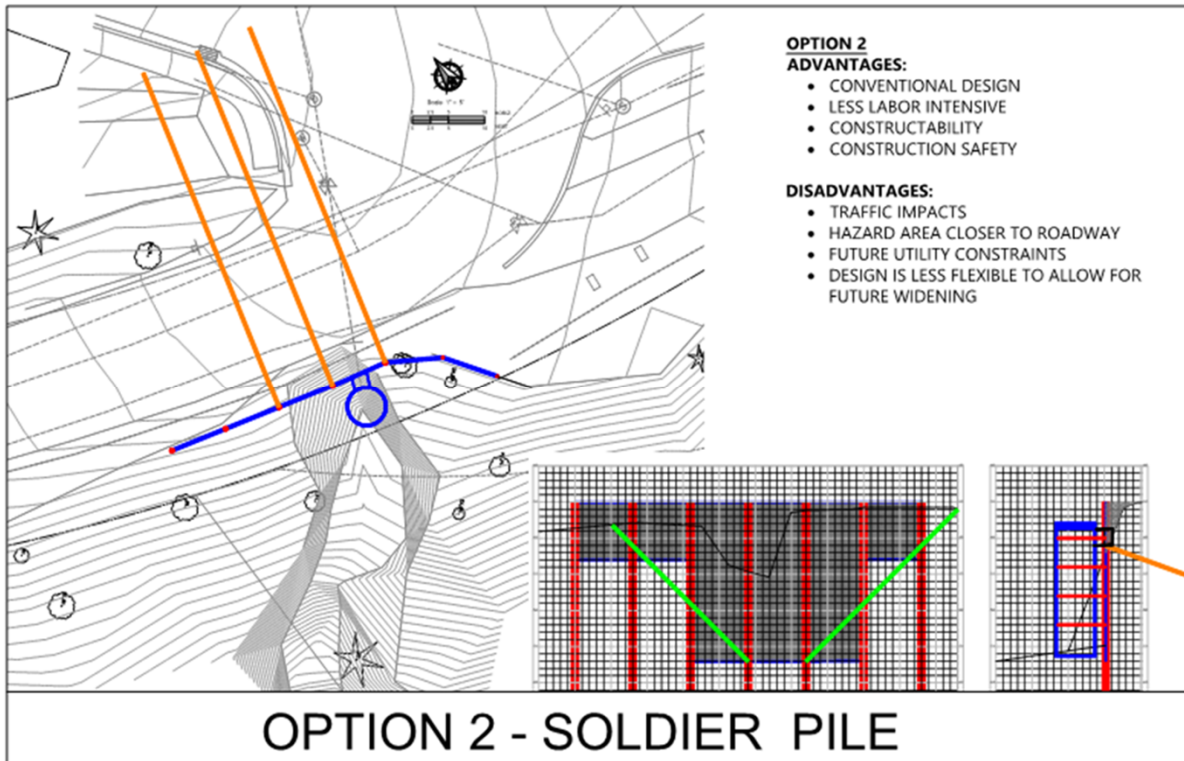


May 2020

City entered a contract with PBS Engineering and Environmental to perform an initial analysis and prepare an alternatives analysis.

Cost – \$44,255

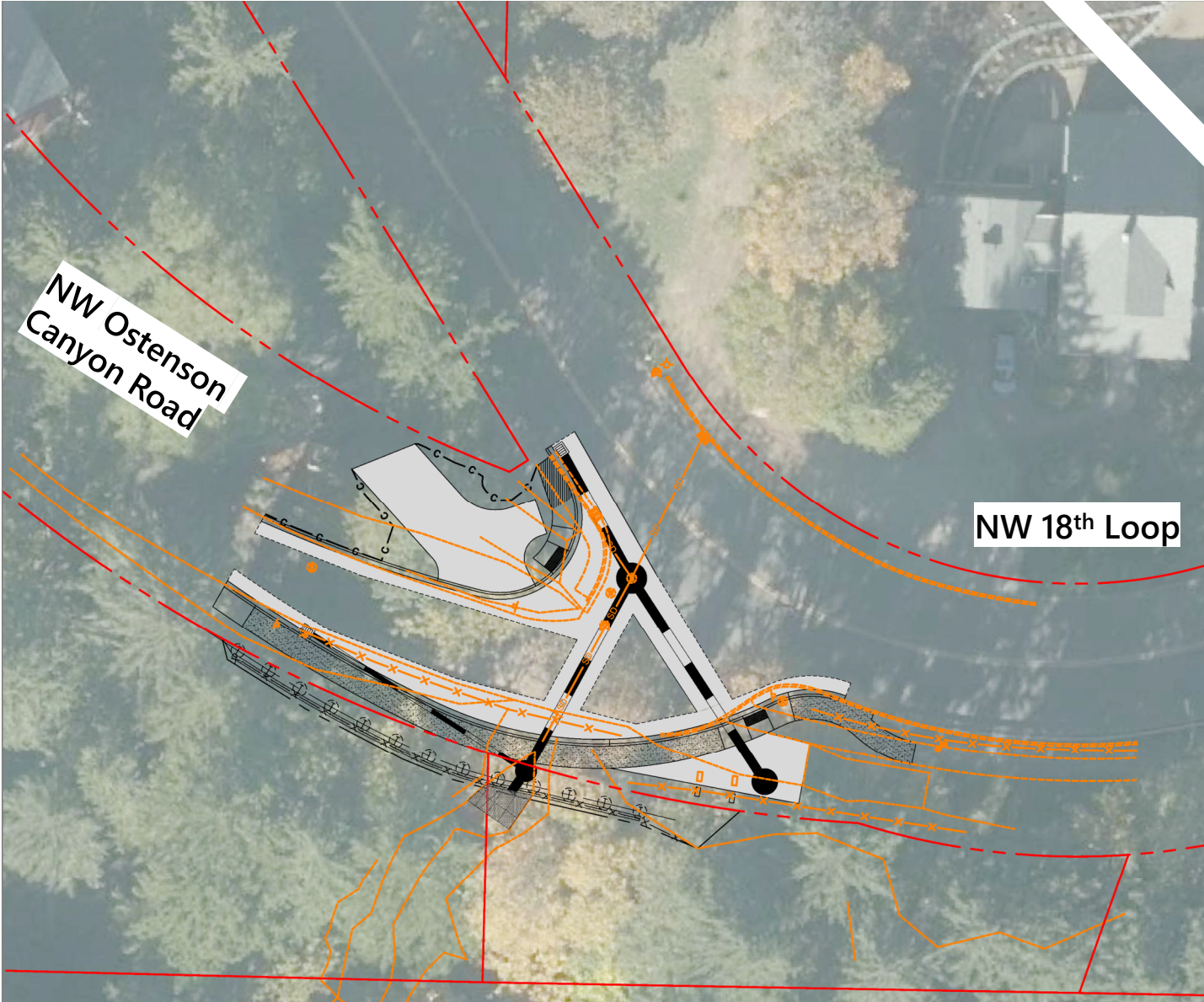
December 2020



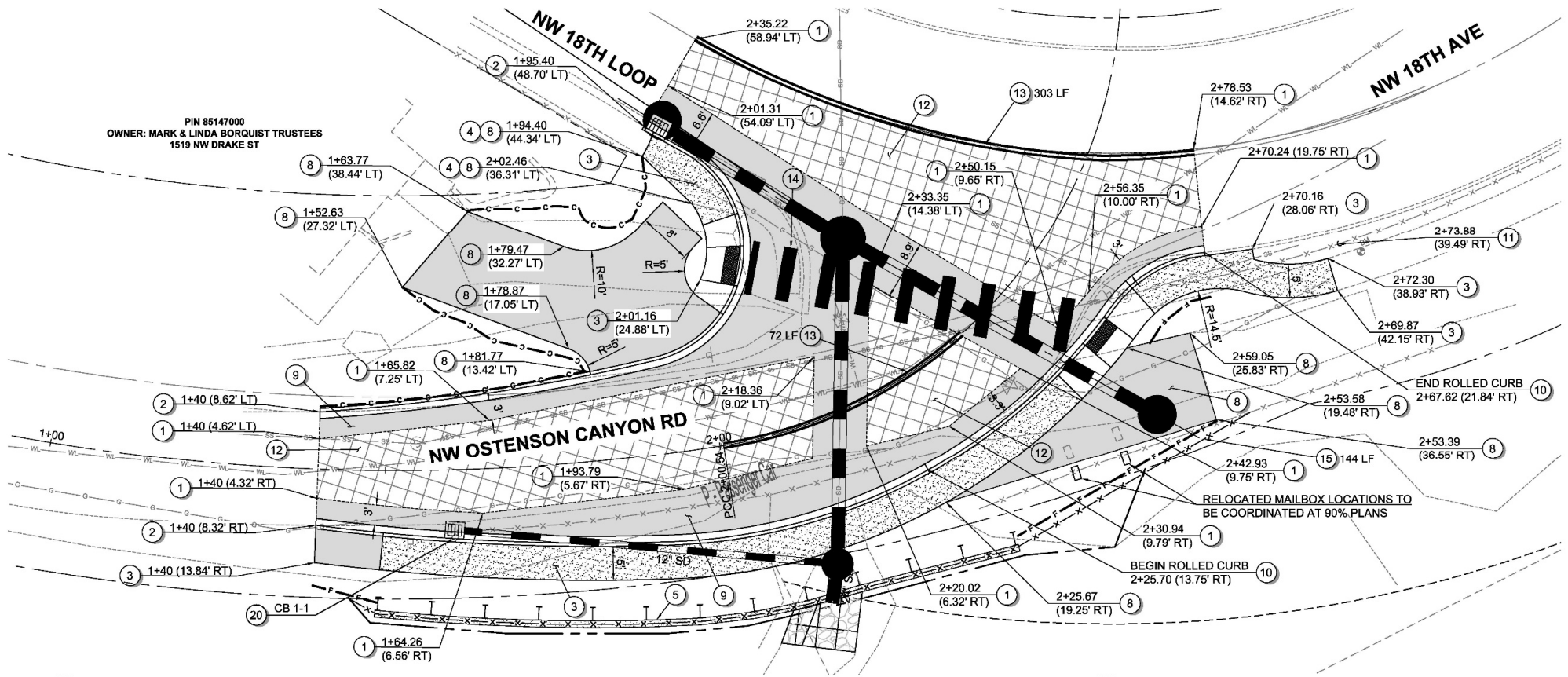
Design and construction of a soldier pile wall was considered the most cost-effective solution.

A design contract with PBS for \$134,028 was executed.

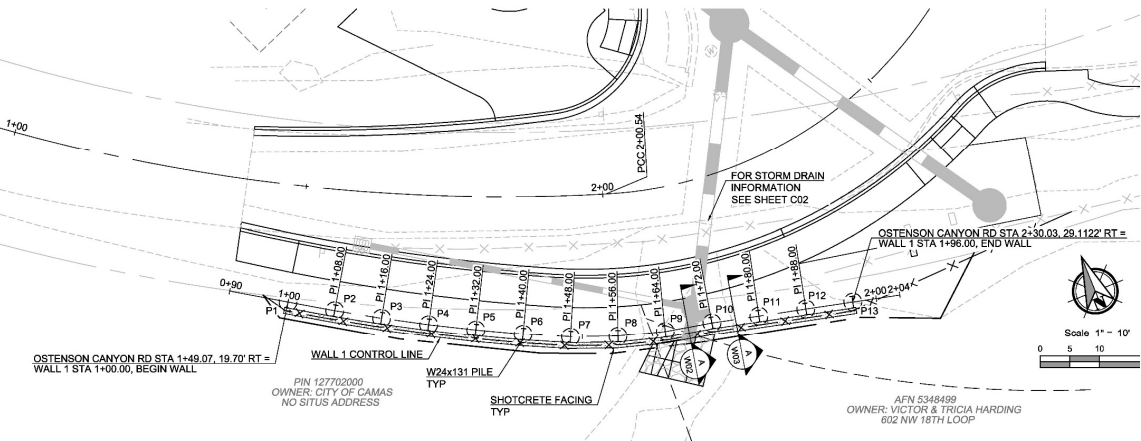
Current Plan



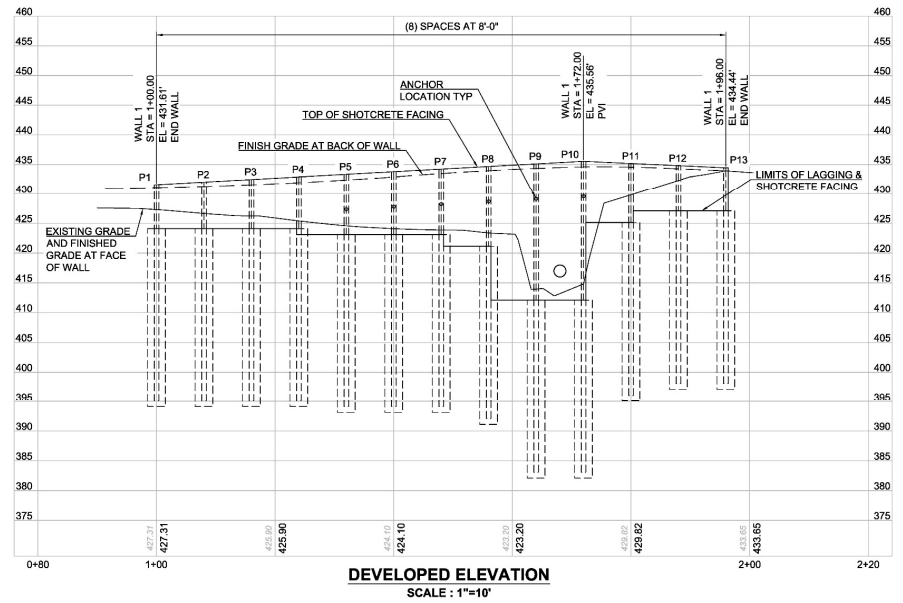
Intersection Improvements



Wall Plan



WALL PLAN

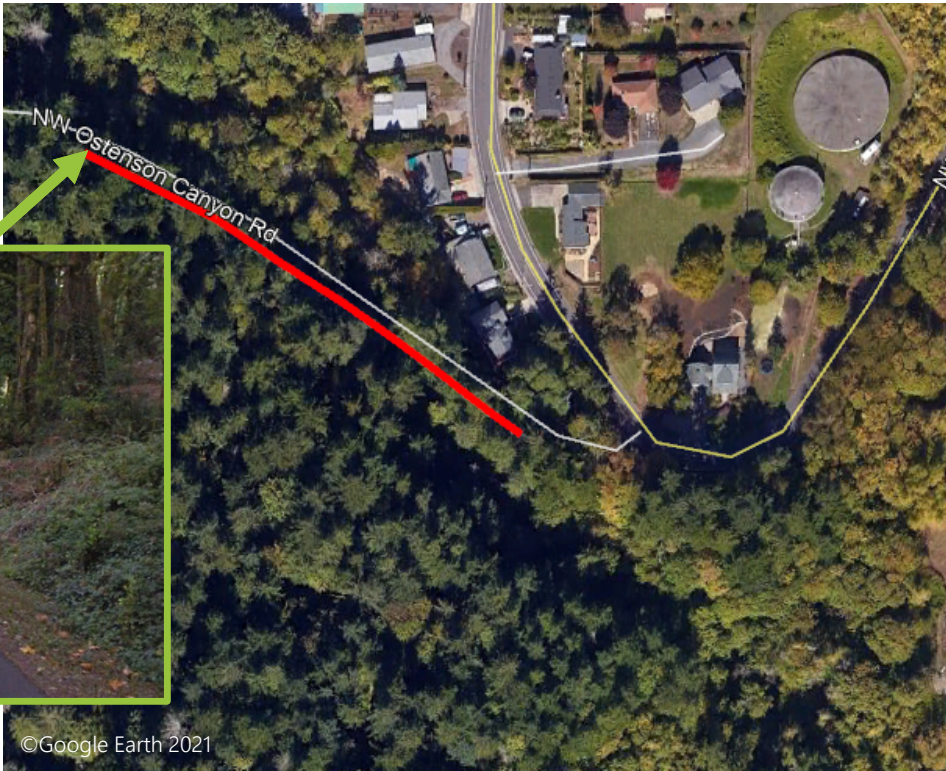




Budget

Total cost to fix is estimated at \$875k.

Sidewalk Extension

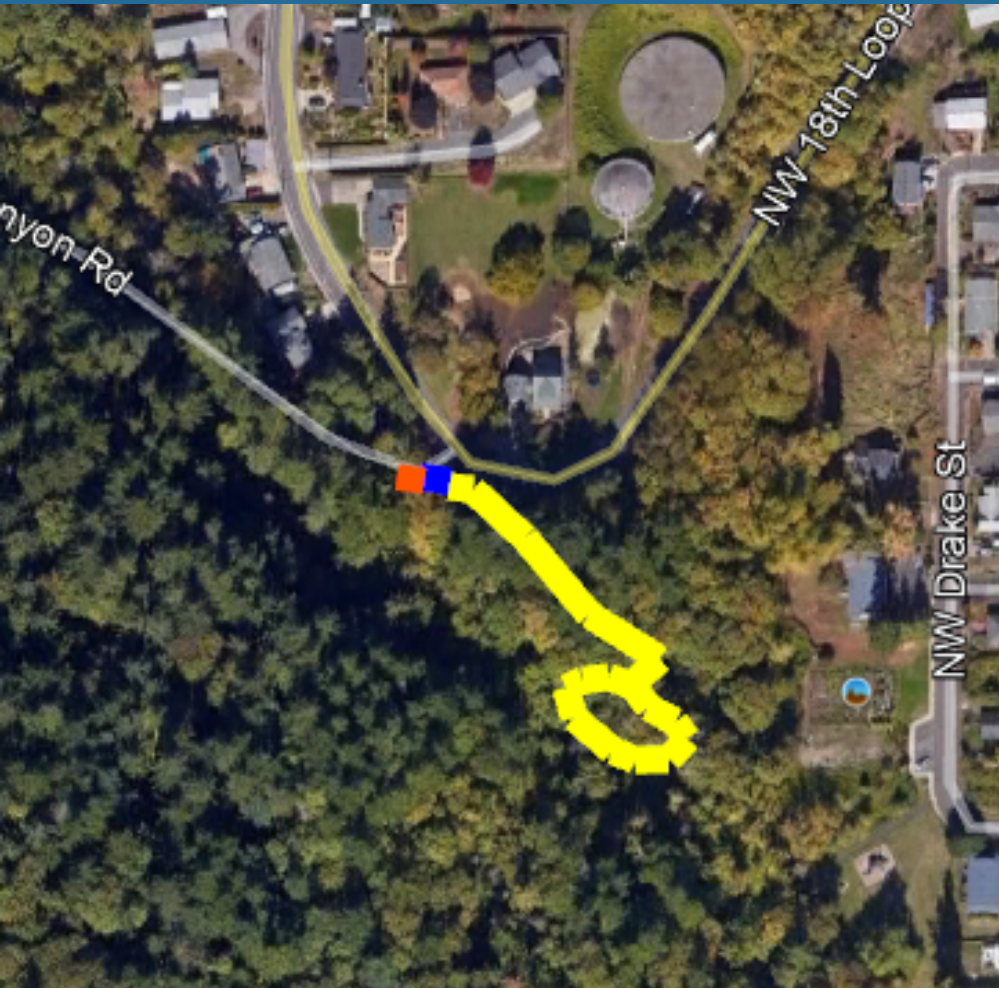


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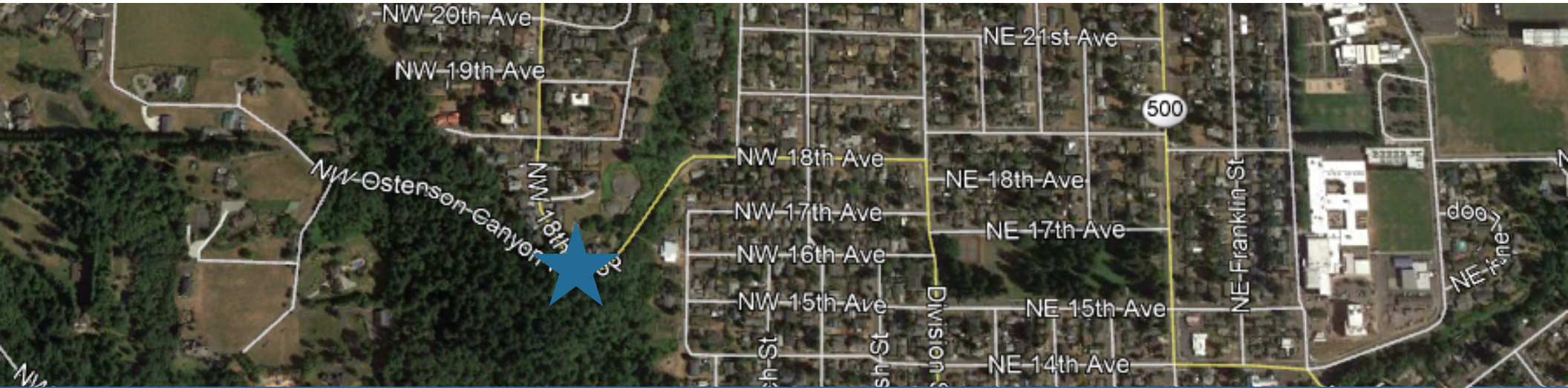
Planned area and view of sidewalk extension:

Additional cost estimate of \$1.2 million

Other Considerations



- **Upstream stormwater conveyance considerations** – Stormwater modeling and reports from Operations staff indicate the upstream storm system piping is undersized.
- A possible solution could be funded by an Ecology Stormwater Grant.
- Initial conversations suggest this would be a viable project.
- No cost estimate yet.



THANK YOU





