

working for clean rivers

TRYON CREEK CONFLUENCE

Stream Bank Stabilization Project

AUGUST 2014

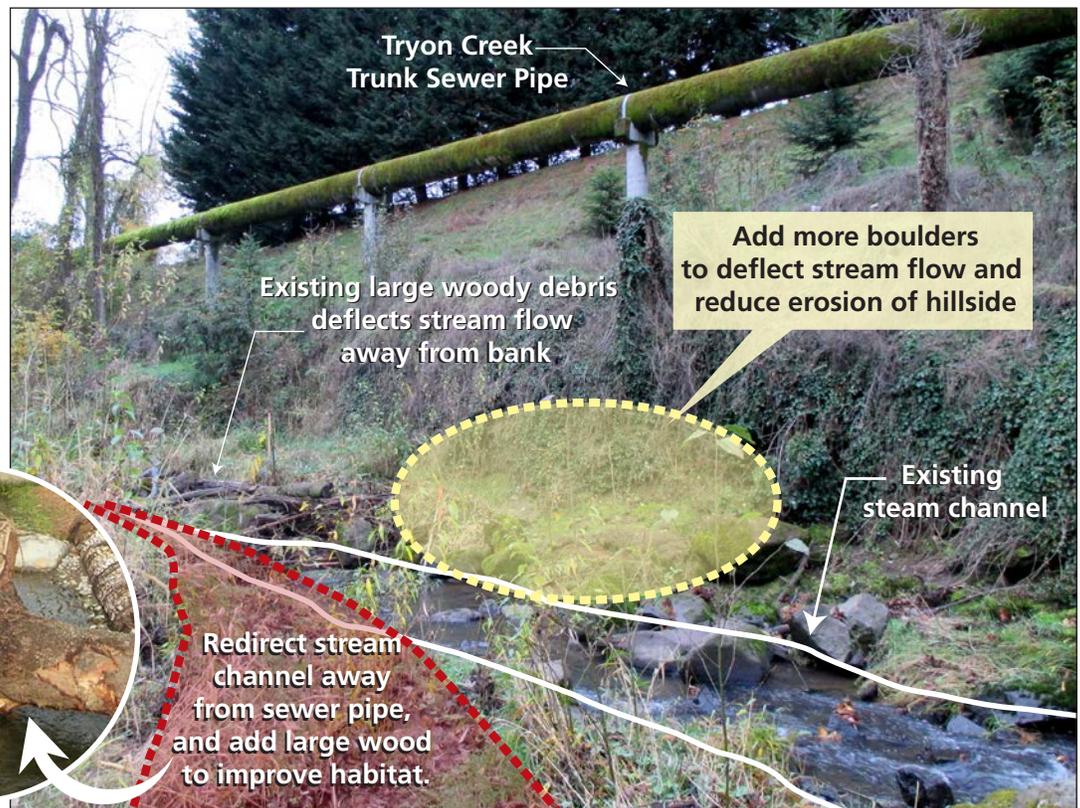
Over one-third of Portland's 2,500 miles of sewer pipes are more than 80 years old. Projects to replace or repair aging sewers are important for protecting water quality, public health, and the environment.

The Tryon Creek Trunk Sewer is a 30-inch, above-ground pipe that carries sewage from parts of southwest Portland and Lake Oswego to the City of Portland's Tryon Creek Wastewater Treatment Plant in Lake Oswego. Environmental Services is planning repairs, including seismic upgrades, to a portion of this 50-year-old pipe, including the section between Highway 43 and the treatment plant.

The elevated pipe in this section is on a steep slope where Tryon Creek is eroding or scouring out the creek bank. Left unchecked, the slope could ultimately fail and cause the pipe to collapse.

Project Schedule

Project design began in 2013. Construction work in and adjacent to the stream is expected to start in September 2014.



Stream and Bank Protection Measures

This segment of Tryon Creek is near its confluence with the Willamette River. Environmental Services completed previous stream enhancement work in the area in 2010, including placing woody debris on the stream bank below the sewer pipe. This project will reduce the threat of erosion on the south stream bank by realigning a portion of the creek and adding boulders and large wood.

Environmental Services is also studying pipe-protection options for the elevated pipe section above Highway 43 within the Tryon Creek State Natural Area. Environmental Services will design and construct this project separately in the summer of 2015.



Stream bank restoration

will help protect the sewer pipe and water quality in Tryon Creek.

FOR MORE INFORMATION

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