South Fork Rivanna River Waterline Crossing

Presented to the Land Use and Environmental Planning Committee
By: Bill Mawyer, Executive Director
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South Fork Rivanna River Crossing

- 1200 LF of 24” high density polyethylene pipe 40 feet beneath the bottom of the river. Ductile iron pipe connections to the SR WTP and existing piping in Rt 29.

- A 2nd pipe will improve capacity, reliability and resiliency of the drinking water system in the northern area of the Urban Water System

- Completion: May 2024 – December 2025

- Budget: $7 M; funded 100% by ACSA
TYPICAL HORIZONTAL DIRECTIONAL DRILLING METHOD

This is an example of one of a number of watercourse crossing methods.

HORIZONTAL DRILLING

RIVER

PRE-ASSEMBLED PIPE SECTION PULLED THROUGH

DIRECTION OF PULLING BACK
Questions?