

Jones Falls Sewershed Baltimore, MD



PROJECT INFORMATION - 605

OWNER:

City of Baltimore DPW
Mohammed Rahman
410-396-4700

ENGINEER:

Hazen & Sawyer
410-539-7681

CONTRACTOR:

Anchor Construction

COMPLETION DATE:

7/10/2020

GEOLOGY:

Clay, Rock

EXCAVATION METHOD:

Hand Mine

MINING DIMENSIONS:

48" & 72" Ø

FINAL LINING:

18" Ductile Iron Pipe
54" Ductile Iron Pipe

FOR MORE INFORMATION:

Jordan Bradshaw, Project Manager
410-970-8300
jordan.bradshaw@bradshawcc.com
Refer to Project 605

PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corporation installed two 23' parallel liner plate tunnels (48" & 72") underneath Falls Road for a sanitary sewer installation. 18" and 54" ductile iron pipe was installed and backfilled in the tunnels after completion. The tunnels passed directly underneath twin 66" x 84" storm culverts, installed through clay with boulders/shot rock overlaying partially weathered rock in the invert. Conservative excavation techniques were utilized to support the utilities and carefully excavate the mixed face ground, preventing ground loss and any utility or surface settlement.

