Project Profile: PIPE REHABILITATION

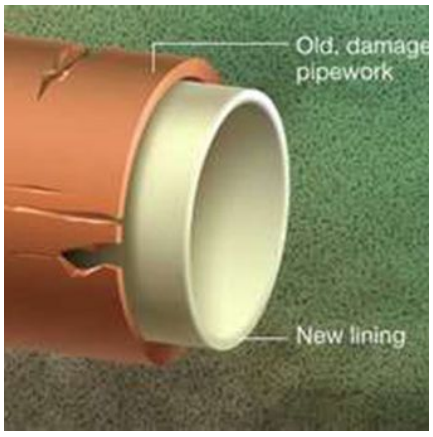
BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

Claymount Avenue Sewer Repair
Baltimore, MD



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was contracted by Baltimore city to perform an emergency repair and rehabilitation of a collapsed brick sewer causing sewage back-up and flooding in a residential area. Bradshaw excavated down and removed the damaged portion along with the top of the sewer. Then, 30" PVC slip-lining pipe was inserted into the sewer and pushed along the existing pipeline. When the entire length of slip-line pipe was installed the space between the new PVC pipe and the old deteriorated brick sewer was pumped full of grout so as to fill any voids. The major challenge of this project was that all the work needed to be completed without further restriction of the active sanitary sewer.





PROJECT INFORMATION - 454

OWNER:
Baltimore City
Department of Public Works
Tom Pompa
(410) 396-3671

ENGINEER:
Baltimore City
(410) 396-3671

CONTRACTOR:
Monumental Paving & Excavating

COMPLETION DATE:
11/28/2006

GEOLOGY:
Clay

EXCAVATION METHOD:
Mini Excavator
Clay Diggers

MINING DIMENSIONS:
168' x 30" Ø

FINAL LINING:
30" PVC Liner Pipe

FOR MORE INFORMATION:
Mike Wanhatalo, Project Engineer/Estimator
(410) 970-8300
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Refer to Project 454