

Locust Point Interceptor Baltimore, MD



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction installed 1,000 linear feet of 36 inch vitrified clay pipe using a Herrenknecht AVN 800A slurry microtunneling system. In addition, Bradshaw installed 240 linear feet of 6" vitrified clay pipe using an Akkerman "pilot tube" guided boring system. The ground conditions were silt, sand, gravel and rubble fill below the water table. Bradshaw installed jacking and receiving shafts for the microtunneling supported by steel sheeting, rib & board/liner plate, and soldier pile and wood lagging. The challenges on the project were the limited work areas in the heavily traveled inner city streets adjacent to the high profile and very popular Maryland Science Center in Baltimore's inner harbor. Also, the environmentally sensitive Chesapeake Bay water front was very close and had to be carefully protected from construction activity.



PROJECT INFORMATION - 424

OWNER:

City of Baltimore
Department of Public Works
Joe Paplauskas
(410) 355-2084

ENGINEER:

Rummel, Klepper, & Kahl
James Kaladis
(410) 728-2900

CONTRACTOR:

Bradshaw Construction Corporation

CONTRACT VALUE:

\$2,330,000

COMPLETION DATE:

4/1/2005

GEOLOGY:

Silt, Sand, Gravel and Rubble Fill

EXCAVATION METHOD:

Herrenknecht AVN-800A

MINING DIMENSIONS:

1,000 x 43" Ø

FINAL LINING:

36" & 6" Vitrified Clay Pipe

FOR MORE INFORMATION:

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Refer to Project 424