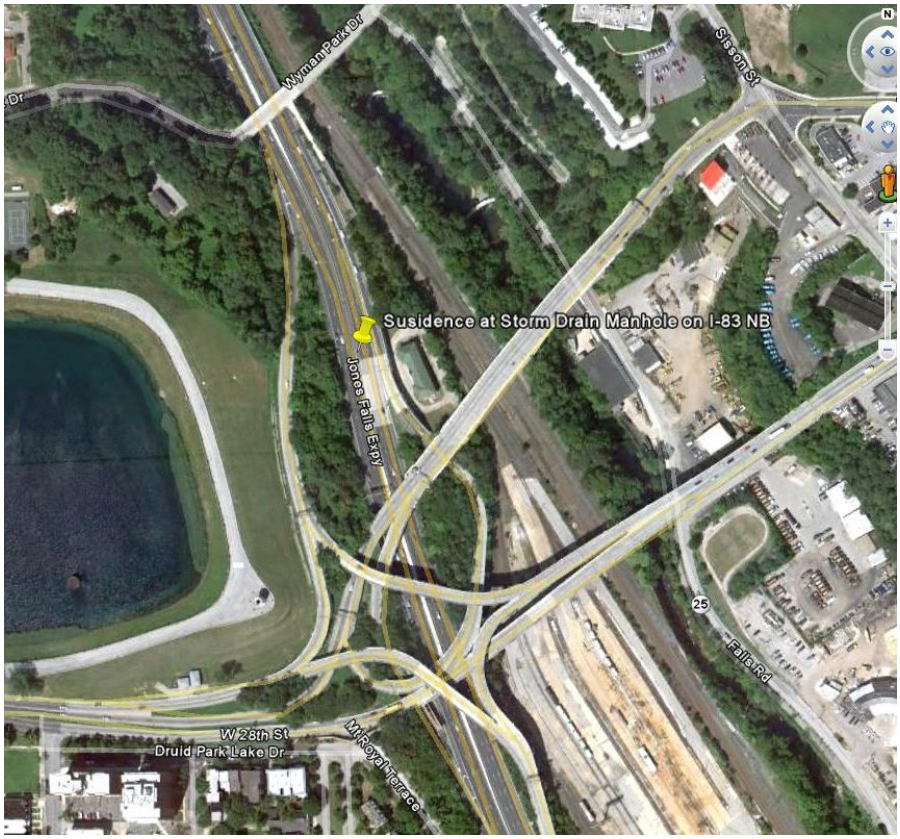
Project Profile: SHAFT CONSTRUCTION

BRADSHAW CONSTRUCTION CORPORATION
TUNNELING SPECIALISTS

I-83 Emergency Shaft
Baltimore, MD



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction made emergency point utility repairs for 15 inch and 18 inch reinforced concrete in the median of I-83 in Baltimore, MD. A 24 foot, outer diameter, shaft which encompassed an active manhole was excavated and shored with steel liner plates to a depth of 24 feet. Bradshaw's scope included excavating and installing the shaft supports, replacing the broken pipes and backfilling the shaft. All work was performed on a 24-7 basis.





PROJECT INFORMATION - 517

OWNER:
Baltimore City
Department of Transportation
(410) 396-6802

ENGINEER:
Rummel, Klepper, & Kahl, LLP
Steve Phillips
(410) 728-2900
sphillips@rkk.com

CONTRACTOR:
John W. Brawner Contracting Co., Inc.

COMPLETION DATE:
5/9/2012

GEOLOGY:
Silty Sand & Silt

EXCAVATION METHOD:
Hand Mine

MINING DIMENSIONS:
24' x 24VF

FINAL LINING:
Steel Liner Plate

FOR MORE INFORMATION:
Doug Piper, Chief Estimator
(410) 970-8300
dpiper@bradshawcc.com
Refer to Project 517