

## 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