

Belmont North Relief Interceptor - Section 1 Indianapolis, IN



# **PROJECT OVERVIEW AND CHALLENGES**

Bradshaw Construction installed 5,200' of 72" reinforced concrete pipe for a sanitary sewer relief interceptor. 4,000' of pipe was installed by microtunneling through sand with cobbles and boulders and glacial till below the groundwater table at an average depth of 30'. The microtunneling was accomplished in six segments, the longest being 1,150' long using three intermediate jacking stations. Nine access shafts were constructed from steel ribs and liner plates ranging from 26 to 43' in diameter. We completed nine cast-in-place concrete structures and tie-ins to active 42, 54, and 78" sewers. The project was finished with a few minor change orders for structure relocations, additional MOT, paving, and restoration.





### **PROJECT INFORMATION - 480**

#### **OWNER:**

Consolidated City of Indianapolis Department of Public Works Timothy Shutters 317.327.8988 timothy.shutters@indy.gov

### ENGINEER:

Clark Dietz Engineers John Dufek, PE 317.808.3141 john.dufek@clark-dietz.com

**CONTRACTOR:** Bradshaw Construction Corporation

**CONTRACT VALUE:** \$18,650,000

**COMPLETION DATE:** 5/31/2011

GEOLOGY: Sand, Gravel, Boulder, Glacial Till

#### **EXCAVATION METHOD:**

Hydraulic Excavator Mini Excavator

MINING DIMENSIONS: 26' to 43' Ø x 30' Deep

FINAL LINING: Steel Ribs, Lagging & Liner Plate

## FOR MORE INFORMATION:

Todd Brown, Project Manager 410.970.8300 tbrown@bradshawcc.com Refer to Project 480