# **Project Profile: SHAFT CONSTRUCTION**



# **US Capitol Coal Handling System**

Washington, DC



#### PROJECT OVERVIEW AND CHALLENGES

Bradshaw installed soldier pile and wood lagging supported pits for jacking drive and receiving shafts necessary to jack 320' x 96" RCP coal conveyor tunnel. The jacking drive shaft was 31' x 32' x 30' deep and the receiving shaft was 27' x 29' x 25' deep. The major challenge was installing both shafts in close proximity to the existing coal transfer plant facilities and the I-695 bridge structure while not impacting them.





#### **PROJECT INFORMATION - 398**

#### OWNER:

The Architect of the Capitol (202) 554-2326

#### **ENGINEER:**

RMF Engineering, Inc. John Blakenship (434) 295-9803

#### **CONTRACTOR:**

Hitt Contracting, Inc.

#### **COMPLETION DATE:**

4/22/2003

#### **GEOLOGY:**

Clay

### **EXCAVATION METHOD:**

Drilled Soldier Piles & Wood Lagging

#### **MINING DIMENSIONS:**

31' x 32' x 30VF & 27' x 29' x 25VF

## FINAL LINING:

Concrete Cast In Place Structures

#### FOR MORE INFORMATION:

Eric Eisold, Vice President (410) 970-8300 eeisold@bradshawcc.com Refer to Project 398