

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:

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Refer to Project 398