

B.W.O.A.S. II

Columbus, Ohio

McNally/ Kiewit Joint Venture, Big Walnut Outfall Augmentation Sewer Project, Part II



DATE OF COMPLETION
September 2008

VALUE OF CONTRACT
\$72,729,691

OWNER
City of Columbus Department of
Public Utilities
Tatanya Arsh (614) 645-8270

ENGINEER
URS Corporation
Lachel & Associates
CONSTRUCTION MANAGER
H.R. Gray
Bob Scott (614) 487-1335



Project Description

TUNNEL MINING DIMENSIONS
13,400 LF of 167" dia. tunnel

EXCAVATION METHOD
167" Lovat EPB TBM

GEOLOGY
Hard clay, Till, Sand, Gravel and
Boulders

TUNNEL INITIAL SUPPORT
12' Dia. Fiber Reinforced Precast
Concrete Segments

TUNNEL FINAL LINING
12' Dia. Fiber Reinforced Precast
Concrete Segments

SHAFTS
One 40' Dia. Slurry Wall Mining Shaft
Four 10' Dia. Augered Access Shafts

STRUCTURES
Four Structures to allow By-pass and
connection to live 108" main outfall
sewer

MISC. WORK
5,284 LF of 42" dia. pipe by
combination bore and jack and Open-
cut

