

Granby Street Sewer Hartford, CT



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction Corporation contracted with Manafort Brothers, Inc., constructing three tunnels via microtunneling totaling roughly 2,500 linear feet. Individual tunnels were mined at lengths of 145 linear feet, 950 linear feet, and three runs collectively totaling 1560 linear feet, ranging in sizes from 42 inch to 60 inch in diameter. Tunnels were constructed through very soft silts and clays located beneath the water table.



PROJECT INFORMATION - 502

OWNER:

Hartford Metropolitan District
555 Main Street, P.O. Box 800,
Hartford, CT 06142
Rick Whitney
(860) 793-6518

ENGINEER:

Tighe & Bond
David Popielarczyk
53 South Hampton Road, Westfield,
MA 01085
(860) 704-4760

CONTRACTOR:

Manafort Brothers, Inc.

COMPLETION DATE:

6/26/2012

GEOLOGY:

Very Soft Clays

EXCAVATION METHOD:

Herrenknecht AVN-1500 MTBM

MINING DIMENSIONS:

950' x 74" Ø, 1560' x 60" Ø, 145' x
53" Ø

FINAL LINING:

42", 48" & 60" Reinforced Concrete
Jacking Pipe

FOR MORE INFORMATION:

Doug Piper, Project Manager
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Refer to Project 502