

## 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