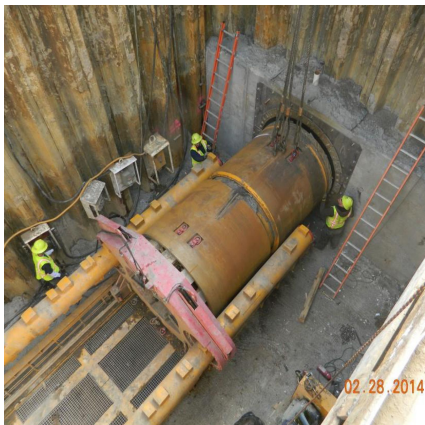


South Platte Interceptor Brighton, CO



PROJECT OVERVIEW AND CHALLENGES

Bradshaw Construction was contracted to mine five microtunnel crossings on Metro PAR 1088. Crossings at 168th & 160th Avenues were jacked with 96 inch steel casing. Crossings for the South Platte River & E-470 are completed and utilized 78 inch steel casing. The ground conditions consist of sand, gravel, coarse alluvium, and cobbles below the groundwater table. The scope also includes several shafts and installation of fiberglass reinforced pipe within the tunnels.



PROJECT INFORMATION - 532

OWNER:

Metro Wastewater Reclamation
District
Engineering
John Kuosman
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ENGINEER:

HDR Engineering, Inc.
Jeff Hemmerle
303-764-1520
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CONTRACTOR:

Western Summit Constructors, Inc.

COMPLETION DATE:

6/5/2015

GEOLOGY:

Sand, Gravel, Cobbles, Coarse
Alluvium

EXCAVATION METHOD:

RASA DH-1900 MTBM
Herrenknecht AVN-1500 MTBM

MINING DIMENSIONS:

398' & 993' x 78", 227', 362 & 640" x
96" Ø

FINAL LINING:

63" & 78" Fiberglass Reinforced Pipe

FOR MORE INFORMATION:

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Refer to Project 532