



Project Spotlight

MasterRoc[®] Products Underground Construction

Project

Doan Valley Storage Tunnel

Location

Cleveland, OH

Owner

Northeast Ohio Regional
Sewer District

Design Engineer

McMillen Jacobs Wade
Trim JV

Contractor

McNally Kiewit JV

Tunnel Size

1.9 miles (3 km) long,
18 feet (5.5 m) diameter

TBM (tunnel boring machine)

Hard Rock TBM
manufactured by Herrenknecht

Geology (Ground Condition)

Chagrin Shale formation

Product Applications

Annulus Grout:
MasterSet[®] R 100,
MasterRoc AGA 41S;
Tail sealant:
MasterRoc TSG 6,
MasterRoc TSG 7;
Soil Conditioning:
MasterRoc ABR 7;
Shotcrete:
MasterRoc SA 160

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