

Project Spotlight

MasterRoc® Products

Underground Construction

Doan Valley Storage Tunnel

Location

Cleveland, Ohio

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



Contact

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