



# Reedy River Basin Sewer Tunnel

**LOCATION:** Greenville, South Carolina

**OWNER:** Renewable Water Resources (ReWA)

**OWNER CONTACT:** Jason Gillespie, (864) 436-9283  
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**ARCHITECT OR ENGINEER:** Black & Veatch,  
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## PROJECT PROFILE

ReWa has determined the need for additional sewer conveyance capacity through downtown Greenville, South Carolina due to the large service area of the Mauldin Road Basin coupled with the current and potential growth in this area. The selected solution is to construct 6,000 LF of 130" ID rock tunnel with 84" carrier pipe (Hobas CCFRPM Pipe) grouted in place. Tunnel depth ranges from 40 to 130 feet below ground surface, and will be mined in intact Gneiss bedrock using a double shielded rock gripper TBM manufactured by Lovsuns Canada. Tunneling requires construction of a 40 foot ID by 40 foot deep launch shaft and 30 foot ID by 130 foot deep receiving shaft. Shaft construction to consist of liner plate and rock dowels with wire mesh. Project also includes 1,600 LF of 60" and 42" upstream and downstream connecting sewers as well as several junction chambers, screening/diversions structures, and Odor Control facilities.



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**TOTAL VALUE OF CONTRACT:**  
\$33,415,000

**COMPLETION TIMELINE:**  
MARCH 2018 - JUNE 2020

**COMPLETED AS:**  
JOINT VENTURE - SUPER EXCAVATORS, INC. / CMCRA