

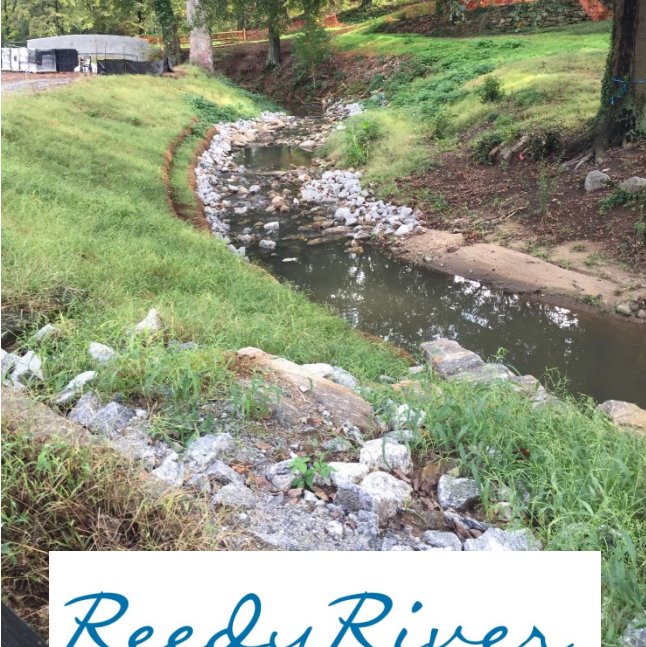
# Unity Park & Reedy River



January 29, 2021

- ~2,300 feet of streambank stabilization and native plantings.
- Restoration of existing wetlands.
- Major floodplain benching and soil lift installation
- Habitat restoration using natural materials
- Massive soil amendment effort to infiltrate and treat stormwater runoff

# McPherson Park WQ



- Identified in the Richland Creek Water Quality Master Plan
- Parking lot overhaul with pervious parking spaces and bioswale runoff treatment
- Stream enhancement using natural systems:
  - Soil lifts,
  - in-stream structures,
  - constructed riffles
  - invasive removal / native plantings
  - step pool inflow dissipation



# Richland Creek WQ



- Identified in the Richland Creek Water Quality Master Plan
- ~900 linear feet of streambank stabilization
- Removal of concrete train trestle base in middle of stream
- Stream enhancement using natural systems:
  - Soil lifts,
  - in-stream structures,
  - constructed riffles
  - invasive removal / native plantings

# Reedy River Stabilization



- ~500 feet of stream work throughout Cleveland Park
- Floodplain benching project used to offset the fill needed to cover a 44-inch sewer main
- Native planting and invasive removal efforts are ongoing
- Stream enhancement using natural systems:
  - Soil lifts,
  - in-stream structures,
  - constructed riffles
  - floodplain interceptor outlet protection



# Infill Stormwater Guidelines



Green Infrastructure for  
Single Family Residences



Greenville County, SC  
Stormwater Guidelines

- City is finalizing revised infill requirements
- Stormwater will be mitigated for single family homes using similar lid methods
- Final adoption set for 1<sup>st</sup> quarter 2021
- County guidelines to be modified for City use

# Infill Projects



- Pilot subdivision where partial quantity controls were met with infiltration devices
- Infiltration provides water quality benefit
- Reduces overall runoff from site