

Roberts Road Pond Retrofit

PROJECT: WATER QUALITY RETROFIT PROJECTS

LOCATION

- 1374 Roberts Road

PROJECT INFORMATION

This project will upgrade the existing pond to a Virginia DEQ Level II retention pond. The project will improve water quality, stabilize eroding banks, establish a habitat for native wildlife and enhance the overall visual aesthetic of the community.

SCOPE OF WORK

- Clearing mud, weeds, and rubbish from pond bed.
- Installation of wetland benches, buffer plantings, aeration, and forebays.

PROJECT STATUS

- **Inactive** | Awaiting Virginia Energy for aerator power

PROJECT SCHEDULE

Start date: November 2018
Completion date: Late June 2019

PROJECT COST

\$549,739

POLLUTANT REMOVAL (LBS/YEAR)

- Phosphorous: 21.22
- Nitrogen: 62.81
- Sediment: 1,576

COST EFFECTIVENESS (\$/LB)

- Phosphorous: \$22,875
- Nitrogen: \$7,728
- Sediment: \$308

CIVIC LEAGUE/TASK FORCE

- Broad Creek Civic League
- Ward 3
- Superward 7

PROJECT CONTACTS

PROJECT MANAGER

C.W. Gaskill, Public Works
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DESIGN ARCHITECT/ENGINEER

Kimley Horn & Associates

CONSTRUCTION CONTRACTOR

East West Construction, Inc.

CONSTRUCTION INSPECTORS

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