

# SCOTTS CORNERS DRINKING WATER IMPROVEMENTS

## HISTORY

### Problem:

- Contamination found in Scotts Corners drinking water is a potential risk to public health.
- Until recently, known contamination included methyl tert-butyl ether (MTBE) and Tetrachloroethylene (PCE), which were assumed to be from petroleum spills.
- Per- and polyfluoroalkyl substances (PFAS) have recently been found at levels exceeding health-based standards in large commercial properties that are regulated by the State and County.
- An income survey found that low median household income makes affordability difficult.

### Need:

- Ensure safe drinking water in the business district.
- Safe water protects business district vitality and public health.
- Without a public solution, landowners must install and maintain their own treatment systems.
- Small properties may be similarly impacted now or in the future since they share the same groundwater resource as the large properties with contaminated wells.
- Project affordability is critical to minimize impacts to low-income residents.

## PROJECT OVERVIEW

### Solution

- Construct a \$10.81M water main to bring clean drinking water to Scotts Corners from Aquarion Water Company.
- The main would start at Aquarion system near the Pound Ridge Golf Course.
- Operation and maintenance costs would be minimal since Aquarion water is treated and sufficiently pressurized. Booster pumps will not be required.
- Some chlorination may be needed, and associated costs are included in the project budget.
- Aquarion is required to meet federal requirements, and Scotts Corners water will be treated to remove PFAS.

### Cost:

- Borrow up to \$3.34 million using State financing intended to help low-income residents.
- At least \$7.567 million of grant funding is needed.
- Additional grant funding will be pursued for affordability.
- Properties will be charged based on occupancy and water usage (EDU basis)\*.

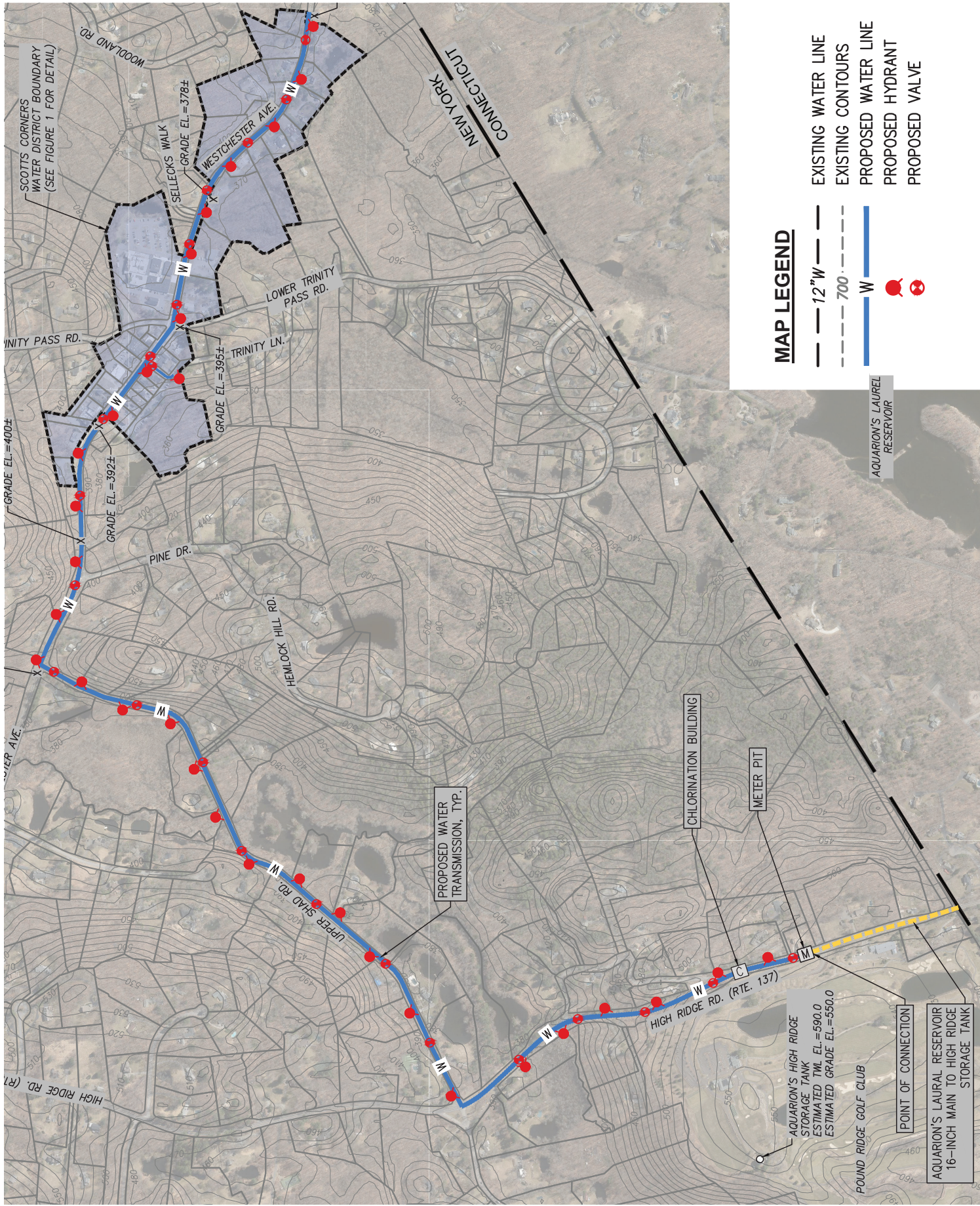
#### Annual User Cost Summary

Single Family Home (1 EDU)	\$856.07*
Average Property (7 EDUs)	\$5,992.00*
Median Property (5 EDUs)	\$4,280.00*
Mode Property (2 EDUs)	\$1,702.00*

\*Usage over 110 gallons per day per EDU will cost \$3.34 per 1,000 gallons.

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**MAP LEGEND**

- 12" W —
  - - - 700 - - -
  - W —
  - 
  - ⊕
- EXISTING WATER LINE  
 EXISTING CONTOURS  
 PROPOSED WATER LINE  
 PROPOSED HYDRANT  
 PROPOSED VALVE

AQUARION'S LAUREL RESERVOIR

CHLORINATION BUILDING

METER PIT

PROPOSED WATER TRANSMISSION, TYP.

AQUARION'S HIGH RIDGE STORAGE TANK  
 ESTIMATED TWL EL.=590.0  
 ESTIMATED GRADE EL.=550.0

POUND RIDGE GOLF CLUB

POINT OF CONNECTION

AQUARION'S LAUREL RESERVOIR  
 16-INCH MAIN TO HIGH RIDGE STORAGE TANK

SCOTT'S CORNERS WATER DISTRICT BOUNDARY (SEE FIGURE 1 FOR DETAIL)

GRADE EL.=400±

GRADE EL.=392±

GRADE EL.=395±

GRADE EL.=378±

UNITY PASS RD.

LOWER TRINITY PASS RD.

TRINITY LN.

PINE DR.

HEMLOCK HILL RD.

UPPER SHAD RD.

HIGH RIDGE RD. (RTE. 137)

HIGH RIDGE RD. (RT. 137)

WOODLAND RD.

SELLECKS WALK

WESTCHESTER AVE.

NEW YORK CONNECTICUT