

**Pleasant Valley Road Station**

**DEPARTMENT OF PUBLIC UTILITIES**

**Ordinance. No. 601-2026**

**Division of Water**

**Request for Legislation**

**An ordinance authorizing the Division of Water to enter into one or more Professional Service and/or Public Improvement Contracts to design and construct a new pump station and ground level tank to replace the facilities at the existing Pleasant Valley Road Station.**

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## Executive Summary

### Pleasant Valley Pump and Tank

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#### **Background/Purpose:**

CWD's four water treatment plants pump drinking water directly into the lower elevation pressure districts. Twelve secondary pump stations then boost pressure from those districts so that the water can reach the extremities of the distribution system, up to 25 miles south of the Lake Erie shoreline. All but the newest of CWD's ten pressure districts are fed by at least two redundant pump stations, providing a high degree of reliability. CWD recently completed a focused assessment of its secondary booster pump stations and has programmed critically needed improvements to those stations into its capital program.

The Pleasant Valley Station, located on Pleasant Valley Road in Parma, services the Third High Service District in the southwest portion of CWD's distribution system. It supplies water to portions of Parma, North Royalton, Broadview Heights, Brecksville, Hinckley, Richfield, Richfield Township and Bath. Constructed in the 1950's, the pump station has a capacity of 16 Million Gallons per Day. It boosts water from the Second High District into the Third High District. Pumps, electrical equipment, controls, safety and related items require attention. The existing pumps are at the end of their useful life and require replacement. Also on site is a five million underground concrete reservoir that is filled from the upstream Second High District. The reservoir has proven to be at too low of an elevation, is energy inefficient and is not easy to operate. CWD plans to replace it with a five million gallon above ground tank that be at a higher elevation and will float far better on the Second High district.

#### **Scope of Work/Commodities/Services:**

This ordinance would authorize CWD to enter into one or more Professional Service and/or Public Improvement contracts for improvements to the Pleasant Valley Station in Parma. The project will replace the pump station and the reservoir.

#### **Justification/Urgency:**

Booster pump stations are the means by which CWD delivers water to customers in the higher elevations of its distribution system. The Pleasant Valley Station requires renewal so that it can continue to meet its mission long into the future.

#### **Anticipated Costs and funding source:**

The cost of the project is estimated at \$15,000,000. This includes an estimated \$2,000,000 for design and \$13,000,000 for construction. The cost of the improvement and other authorized expenditures shall be paid for from Fund 52, SF 001, and/or from the fund or sub-fund to which are credited the proceeds of future bonds, if issued for this purpose.

#### **Schedule or Term of Contract:**

The construction is expected to last for approximately two years.