

HYDRANT RELOCATION REQUIREMENTS



Introduction

All hydrants owned by the Cleveland Division of Water are located in a public right-of-way or a water supply easement, and as such, Cleveland Water does not move them at customer request. However, a customer may relocate a hydrant at their expense provided the new hydrant meets all Cleveland Water requirements and is approved by the local fire department. Such work will be performed by a contractor hired by the customer and subject to inspection by the Division of Water. It will also likely require street opening permits from the local municipality.

Due to the amount of work involved, relocating hydrants can be a large added expense to a project. It is recommended that architects and engineers examine all alternatives before choosing to relocate a hydrant.

Submission Requirements

A customer may request a hydrant be moved by submitting plans for review. **This is a separate submission from any connection application submitted for new water service to the location.** The submission must conform to the requirements set forth in the Plan Review document found at <http://www.clevelandwater.com/construction/design-construction-specifications>.

All submitted plans must include the following:

- A plan view, drawn to scale, showing the current and proposed location of the hydrant(s)
- The location of all water, sewer, gas, communication, and other utility lines. You may obtain this information through a records request to the Ohio Utilities Protection Service (OUPS)
- All standard details proposed to be used, including hydrant, thrust blocks, and cut-in tees, as needed
- The distance to the next hydrants along the main
- Documentation from the local fire department approving the move

Design Requirements

- New hydrants, meeting Cleveland Water standards, must be installed rather than reusing the existing hydrant(s).
- All new piping is to be Class 52 Ductile Iron and meet all Cleveland Water standards.
- 4" hydrants must be replaced with 6" hydrants.
- Hydrants may be offset by no more than 20 feet from the hydrant tee. A move that will exceed this distance will require the original hydrant tee to be spooled out, that is, physically removed from the system and replaced with a piece of straight pipe. A new hydrant tee must be cut in.
- If the branch valve has leaded joints, it must also be replaced. Any disturbed leaded joints must also be replaced.
- Hydrant spacing must not exceed 325 feet in residential areas and 280 feet in commercial areas. If relocating a hydrant causes spacing to exceed requirement, an additional hydrant must be installed to ensure maximum spacing is not exceeded.