

Water Service



Village of Hoffman Estates

Code Enforcement
1900 Hassell Road
Hoffman Estates, IL 60169
(847) 781-2631

www.hoffmanestates.org/permits

Submittal Requirements:

- Detailed construction plans must be submitted.

Code Requirements:

- All work and materials shall conform to the Village of Hoffman Estates Development Requirements and Standards manual.
- Contact the Engineering Division at (847) 252-5800 prior to starting work. Pre-construction meetings may be necessary to confirm traffic control, erosion control, and water main shut down requirements.
- Contact J.U.L.I.E. (811) 48 hours prior to the start of work to locate underground utilities.
- The old service must be completely removed all the way to the main. If the new service will not be installed in the same location, an approved repair sleeve shall be used. Installing a plug at the tee will be acceptable for abandonment if approved by the Village Engineer.
- New services that are less than 3" in diameter shall be constructed of Type K copper with flared fittings and connected with a Muller double strap bronze service clamp and a corporation stop Mueller H-15020 or approved equal. A curb stop Muller H-15151 and a curb box Mueller H-10302 or approved equal shall be installed on all services less than 3" in diameter.
- New service connections that are greater than 3" shall be constructed of ductile iron pipe conforming to ANSI A2.51 or AWWA C151 with a minimum thickness of Class 52. The connection shall be made with a ductile iron fitting conforming to ANSI 21.10 or AWWA C153 with iron body, resilient seated, bronze mounted, non-rising stem gate valves conforming to AWWA C500. The valves shall be located in a vault. The Valve and Vault shall be located as close to the main as possible. See Valve Vault drawing detail.
- Backfill shall follow Village detail.
- At the end of each working day, the sidewalk and street shall be open and accessible. Before final restoration, the street and sidewalk shall be brought to grade with stone and compacted. These areas shall be maintained by the contractor until final restoration is complete. If work cannot be completed within one working day and open excavation is left overnight, the excavated area shall be fenced and covered with plywood or plates. Proper warning signs and barricades will be required as necessary.
- Fire Hydrant Changes:
 - Contact the Fire Department to ensure that fire hydrants and the building's fire department connection are located in the correct locations.
 - Any additional fire hydrants or new water mains require a public utility easement be completed on the property. Contact the Planning Department (planning@hoffmanestates.org) to start the process of plating a new utility easement.

Inspections:

- Engineering Inspection for bedding of pipe prior to backfill and computation of backfill materials.
 - Engineering inspection for disconnection of existing water service and new connection to water main.
 - Plumbing inspection for interior valves and backflow preventer installation.
 - Fire inspection for water service flush and pressure/hydro test.
 - Engineering inspection for chlorination.
 - Engineering inspection for sidewalk and parking lot replacement pre-pour.
 - A final inspection is required upon completion of work.
 - Additional inspections may be required.
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