



Public Works & Utilities Department Clearance Requirements for Boring Conduit Installation

City Utility Notes

1. City utility pipelines (including service lines and laterals) consist of, but are not limited to, sanitary sewer, drinking water, stormwater, and recycled water.
2. Horizontal and vertical clearance is measured from the outside edge of one pipe to the outside edge of another pipe.
3. Conduits shall be installed beneath all City utility pipelines per Table 1 below.
4. When running parallel to City utility pipelines, vertical clearance is measured from the deepest City main, services line, or lateral.
5. When running parallel to a City utility pipeline of 12-inches in diameter or less, the new pipe shall be installed with a minimum 5 feet horizontal clearance and a minimum 3 feet vertical clearance. See Note 8.
6. When running parallel to a City utility pipeline larger than 12-inches in diameter, the new pipe shall be installed with a minimum 10 feet horizontal clearance and a minimum 3 feet vertical clearance. See Note 8.
7. When crossing a City utility pipeline, the new pipe shall be installed with a minimum 3 feet vertical clearance for City pipelines of 12-inches in diameter or less and a minimum 5 feet vertical clearance for City pipelines greater than 12-inches in diameter. See Note 8.
8. When horizontal or vertical clearances cannot be maintained, it shall be brought to the attention of the City Engineer immediately for further assessment and consideration.
9. Increased clearance may be required for crossings of large (greater than 12-inches in diameter), high pressure, or hazardous utilities and will be determined on a case-by-case basis.
10. Pothole all City owned facilities that cross and run parallel to the proposed alignment. Provide depth and clearance information for parallel utilities on the plan view and all utility crossings on the profile view.

Table 1: Horizontal and Vertical Clearances from City Utility Pipelines (Boring)

City Utility Pipeline Size (main, service lines, and laterals)	Minimum Clearance (Outside Edge to Outside Edge)	
	Parallel to City Utility	Crossing City Utility
12-inch diameter or less	• Horizontal: 5 feet • Vertical: 3 feet¹	• Vertical: 3 feet
Larger than 12-inch diameter	• Horizontal: 10 feet² • Vertical: 3 feet¹	• Vertical: 5 feet²

1. Vertical clearance is measured from deepest utility pipe.
2. Minimum clearance from pipes larger than 12-inches in diameter may be evaluated on a case-by-case basis.

*To request utility data (maps, drawings), please email directly to Utilities.Info@hayward-ca.gov and provide the project address or map of the area.

