



**PARALLEL CONSTRUCTION:**

**ZONE 1: ONLY CROSSING RESTRICTIONS APPLY**

**ZONE 2: CONSTRUCT SEWER OF PRESSURE PIPE WITH WATERTIGHT JOINTS WHEN ZONE 1 IS NOT FEASIBLE.**

**ZONE 3: PARALLEL WATER LINE PROHIBITED**

**ZONE 4: PARALLEL WATER LINE PROHIBITED**

**CROSSING CONSTRUCTION:**

1. SANITARY SEWER AND WATER LINE SHALL CROSS AT APPROXIMATELY 90 DEGREES.
2. WHEREVER POSSIBLE, THE BOTTOM OF THE WATER LINE SHALL BE 1.5 FEET ABOVE THE TOP OF THE SEWER LINE, AND ONE FULL LENGTH OF WATER LINE SHALL BE CENTERED AT THE CROSSING.
3. WHERE THE BOTTOM OF THE WATER LINE IS LESS THAN 1.5 FEET ABOVE THE TOP OF THE SEWER LINE, THE WATER LINE SHALL BE REPLACED WITH ONE FULL LENGTH OF WATER PIPE CENTERED AT THE CROSSING. THE SEWER LINE SHALL BE:
  - ENCASED IN A REINFORCED CONCRETE JACKET 10 FEET ON EACH SIDE OF THE CROSSING
  - OR
  - REPLACED WITH ONE FULL LENGTH OF PRESSURE PIPE WITH WATERTIGHT JOINTS, CENTERED ON THE CROSSING.

Sanitary Sewer Crossing

CITY OF  
WILSONVILLE



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PUBLIC WORKS STANDARDS