

When work to be performed is on a portion of the valved section and no additional valves are provided on the Plans at the limits of the operation; a preliminary hydrostatic test, as outlined in Sec. I-124.03(c) Alternate B, shall be made by the Contractor in cooperation with the owner, and the result shall be the maximum allowable leakage for the final test.

(a) Excavation. Excavation shall be performed as required under Sec. I-124.03 New Water Main.

(b) Removing Main. Pipe, fittings, valves and boxes shall be removed carefully to preclude any breakage or damage, and shall be thoroughly cleaned by removing dirt and debris and prepared for relaying.

(c) Relaying Main. The salvaged main and any additional pipe and appurtenances required shall be relaid in accordance with the requirements of Sec. I-124.03 New Water Main.

(d) Hydrostatic Testing. Hydrostatic testing shall be performed as required under Sec. I-124.03 New Water Main.

(e) Backfilling. Backfilling shall be performed as required under Sec. I-124.03 New Water Main.

(f) Disinfection. Disinfection shall be performed as required under Sec. I-124.03 New Water Main.

I-124.05 Water Main Lowered. This item shall consist of lowering the existing water main to the line and grade shown on the Plans or established by the Engineer.

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(a) Excavation. Excavation down to the existing main shall be performed as required under Sec. I-124.03 New Water Main. Excavation around and below the existing main shall be done in a careful manner and the Contractor shall be responsible for any damage or breakage of pipe and fittings in the existing main due to his negligence. The new foundation for the main shall be prepared as required under Sec. I-124.03 New Water Main.

(b) Lowering Main. Suitable tools and equipment for the safe and convenient handling of the main shall be used. Care shall be taken to prevent damage to the main during the lowering. The main shall be laid to a firm and even bearing for the full length. All plugs, caps, tees, and bends deflecting 22-1/2 degrees or more on mains 8 inches in diameter or larger shall be provided with reaction backing as specified under Sec. I-124.03 New Water Main.

(c) Hydrostatic Testing. Hydrostatic testing shall be performed as required under Sec. I-124.03 New Water Main.