

*San Antonio Water System Standard Specifications for Construction*

**ITEM NO. 1020**  
**Water Main Break/Leak Repairs**

- 1020.1**      **DESCRIPTION:** This item shall consist of water main breaks and leak repairs performed in accordance with these specifications and as directed by the Inspector.
- 1020.2**      **MATERIALS:** The materials for a water main breaks/leak repairs shall conform to the specifications herein as well as contained within the latest applicable revisions of SAWS' Material Specifications.
- 1020.3**      **CONSTRUCTION:** If during construction, certain water main breaks or if leaks occur within, or immediately adjacent to, the Contractor's specified area of construction operations, the Inspector may authorize the replacement and/or repair to be performed by the Contractor under the bid item 1020. The work involved shall consist of excavation, hauling of disposition material, dewatering, shut-down and isolation of the existing main if required, installation of the necessary repair clamps and or new water main (length to be determined by the Inspector) to include all necessary tie-ins, fittings, approved reaction blocking required, backfilling the excavation with approved materials; customer notification or service interruption where required. Cutting and replacing pavements (any type), curbs, sidewalks, trench protection, and sodding will be considered subsidiary to the work.
- 1020.4**      **MEASUREMENT:** Water main breaks/leak repair will be measured by the unit of each such assembly of the various types and sizes of water mains, services, repair and tap clamps required to repair the water main break and/or leak.
- 1020.5**      **PAYMENT:** Payment to the Contractor will be made in accordance with Item No. 1020 as contained in the bid proposal. However, the Contractor is cautioned that no payment will be made by SAWS when particular breaks and/or leaks are a direct result of the Contractor's construction operations. Where encountered, payment to the Contractor for cutting and replacing pavements (any type), curbs, sidewalks and sodding shall be considered subsidiary to the various items of work under Item No. 1020 of the bid proposal and no direct payment will be made. Such payment shall include protective coating materials for bolts, nuts, ferrous surfaces, polyethylene sleeve where required and any pumping of water, necessary hauling, and disposition of surplus excavated material.

**- End of Specification -**