

**SAN ANTONIO WATER SYSTEM
SAN ANTONIO, TEXAS
SPECIFICATIONS FOR VALVE BOXES
REVISED MARCH 12, 2007**

1. **SCOPE**

This specification covers cast-iron valve box assemblies.

2. **GENERAL REQUIREMENTS**

- a. Each valve box assembly shall be of cast-iron and shall consist of a base, top section, and lid as shown on San Antonio Water System Standard Drawing No. DA-56-00.
- b. Valve boxes shall be of a single size with a nominal diameter of 6 inches.
- c. The valve box lid shall be labeled "water" and shall be so designed so that it will remain firmly seated in place when subjected to vehicular traffic.
- d. The valve box assembly shall be of sufficient toughness and strength to withstand impact loads and shock resulting from vehicular traffic.
- e. The valve box assembly shall be coated with a standard bituminous coating of either coal tar or asphalt basic applied to all inside and outside surfaces.