

*San Antonio Water System Standard Specifications for Construction*

**ITEM NO. 101  
PREPARING RIGHT-OF-WAY  
(SAWS)**

**101.1 DESCRIPTION:** This item shall govern preparing the right-of-way for construction operations by removing and disposing of all obstructions from the right-of-way and from designated easements where removal of such obstructions is not otherwise provided for in the plans and specifications.

Such obstructions shall be considered to include, but not be limited to, remains of houses not completely removed by others, foundations, floor slabs, concrete, brick, lumber, plaster, cisterns, septic tanks, basements, abandoned utility pipes or conduits, equipment or other foundations, fences, retaining walls, outhouses, shacks, and all other debris, as well as buried concrete slabs, curbs, driveways and sidewalks.

This item shall also include the removable of trees, stumps, bushes, shrubs, brush, roots, vegetation, logs, rubbish, paved parking areas, miscellaneous stone, brick, drainage structures, manholes, inlets, abandoned railroad tracks, scrap iron and all debris, whether above or below ground, except live utility facilities.

This item shall not govern the demolition of buildings by the use of explosives. Such demolition work shall be governed by the use of a special specification controlling the work.

It is the intent of this specification to provide for the removal and disposal of all obstructions to the new construction, together with other objectionable materials, not specifically provided for elsewhere by the plans and specifications.

Unless shown otherwise on the plans, all fences along the right-of-way which are damaged or removed temporarily by the Contractor shall be replaced by the Contractor to an equal or better condition at no additional cost to the SAWS.

**101.2 CONSTRUCTION METHODS:** Areas designated on the plans shall be cleared of all obstructions, vegetation, abandoned structures, etc., as defined above, except trees or shrubs specifically designated by the engineer for preservation. Trees and shrubs designated for preservation shall be carefully trimmed as directed and shall be protected from scarring, barking, or other injuries during construction operations. Exposed ends of pruned limbs shall be treated with an approved pruning material.

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Unless otherwise indicated on the plans, all underground obstructions shall be removed to the following depths:

1. In areas to receive embankment, 2 feet below natural ground.
2. In areas to be excavated, 2 feet below the lowest elevation of the excavation.
3. All other areas, 2 feet below natural ground.

Holes remaining after removal of all obstructions, objectionable materials, vegetation, etc., shall be backfilled and tamped as directed by the Inspector, and the entire area shall be bladed to prevent ponding of water and to provide drainage. In areas that are to be immediately excavated, backfilling and blading may be eliminated if approved by the Inspector. Areas to be used as burrow sites and material sources shall have all obstruction, objectionable materials, vegetation, etc., removed to the complete extent necessary to prevent such objectionable matter from becoming mixed with the material to be used in the construction.

Where a conduit is shown to be replaced, it shall be removed in its entirety, and all connections to be existing conduit shall be extended to the new line. Where an existing conduit is to be cut and plugged, the line shall be cut back not less than 2 feet, and a plug of concrete not less than 2 feet long shall be poured and held in the end of the pipe. The plug may also be accomplished by using a precast stopper grouted into place.

Material to be removed will be designated as “salvageable” or “non-salvageable” on the plans prior to bidding by the Contractor. All “salvageable” material will remain the property of the SAWS and will be stored at the site as directed by the Inspector. All “non-salvageable” materials and debris removed shall become the property of the Contractor and shall be removed from the site and shall be disposed of properly.

All asphaltic material shall be disposed of or recycled at the facility authorized to accept the asphalt for such purposes and applicable to appropriate guidelines and regulations.

**101.3 MEASUREMENT:** Preparing Right-of-Way for new construction will be measured by the “Lump Sum”.

**101.4 PAYMENT:** This item will be paid for at the contract “Lump Sum” price bid for Preparing Right-of-Way, which price shall be full compensation for work herein specified, including the furnishing of all materials, equipment, tools, labor, and

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incidentals necessary to complete the work. 10% of the payment will be withheld until final construction payment.

**NOTES:** Additional requirements by SAWS: Adherence to City of San Antonio Tree Ordinance as part of bid item.

The combined total bids for Mobilization, Item No. 100 and Preparing Right-Of-Way, Item No. 101 shall not exceed 15% of the base project bid. A base bid shall be defined as all bid items excluding Mobilization, Item No. 100 and Preparing Right-Of-Way, Item No. 101. A bid containing a combined total for the above mentioned pay items in excess of 15% shall be considered unbalanced and shall be rejected.