

CITY OF ODESSA
STANDARD SPECIFICATIONS

ITEM 53
ALLEY PAVING

53.1 DESCRIPTION

This item shall consist of paving of alleys with asphalt or concrete pavement and shall be constructed as herein specified, with typical sections shown on plans, standards and to the line and grades as established by the Engineer.

53.2 MATERIAL

Materials and proportions used in construction under this item shall be as follows:

A. Concrete Paving

The thickness shall be 6" with expansion joints not to exceed 40'. Concrete shall be Class "A". The concrete and expansion joint filler shall conform with Item 400 "Concrete Construction". Excavation and subgrade shall be in accordance with Item 11 "Street and Roadway Excavation".

B. Asphaltic Paving

The excavation shall be in accordance with Item 11. The base material and construction shall be in accordance with Item 23 "Flexible Base". The hot mix material and construction shall be in accordance with Item 36 "Hot Mix Asphaltic Concrete Pavement". The thickness for base shall be 6". The thickness for hot mix shall be 1½".

53.3 CONSTRUCTION METHODS

Construction methods shall be in accordance with generally accepted methods of the trade and City of Odessa Standards and Specifications. Prior to paving, all manholes, cleanouts and valve boxes shall be adjusted to finished grade. All water meter boxes must be placed in concrete 6" thick in accordance with City of Odessa Standards and Specifications.

53.4 LIMITS OF PAVING

Alleys shall be paved a minimum of fourteen feet (14') in width. The fourteen feet (14') width shall be centered in the alley right-of-way, unless another alignment is approved by the City Engineer. Alleys adjacent to a paved parking area or driveway shall be paved to a width necessary for vehicular operations. Alleys may be paved to full width.

Any vehicle ingress and/or egress from the paved alley shall have pavement tied to pavement when the narrow width paving (14') is used. The pavement tie-in shall be a minimum total of twelve feet (12') wider at the edge of the alley six feet (6') on either side of the vehicle ingress/egress driveway. This pavement tie-in shall be of the same materials, construction methods and depths and thicknesses as the alley paving. Pavement tie-in is not required if there is a physical barrier, such as a fence, permanently anchored bumper curbs, pipe rail, etc., separating the alley from the paved parking lot and limiting vehicle ingress/egress.

53.5 MEASUREMENT

Excavation shall be measured by the square yard, for the prescribed depth as required by the plans.

Concrete shall be measured by the square yard, complete in place.

Caliche base shall be measured by the square yard, for the prescribed thickness as required by the plans, complete and in place.

Hot mix asphaltic concrete pavement shall be measured by either the square yard, for the prescribed thickness required by the plans, complete and in place, or by the tonnage actually laid, complete and in place.

53.6 PAYMENT

The work performed and material furnished as prescribed will be paid for at the unit price bid, which price shall be full compensation.