

On the concrete foundation a bed of clean sharp sand free from moisture, 2" deep shall be laid, the paving brick to be used shall be satisfactorily and acceptable to the Engineer and shall conform strictly to the samples offered by the Contractor and accepted by the Engineer and County Commissioners. The sand must be brought to a true and perfect surface and made to conform strictly to the grade stakes by the Engineer by means of drag straight-edge. Upon this bed of sand the paving brick are to be laid on edge at right angles to the line of curb in parallel lines, joints broken one with another by starting at curb lines with half bricks in alternate rows so as to break joints. No half or broken bricks shall be laid except at the curb lines in order to make closures, but must be laid whole throughout except as above named. As the pavement is laid it shall be thoroughly rolled with a five ton roller at least three times. When the brick have been rolled to a solid bearing, and brought to a perfect surface, and completely filled from bottom to top with a cement grout mixed in the proportions of one part cement to one part and one half parts of sand that will pass through a number 8 screen. All crevices must be filled and the entire top surface covered to a depth of not less than one eighth inch and upon this must be spread one half inch of clean sharp sand, the object being to make the pavement one solid mass which when completed shall be practically a fixture and water-tight. The bricks shall be rigidly inspected before being laid in the pavement and all objectionable ones removed. Expansion joints three quarters of an inch in width shall be left along the gutter line and at each intersection at intervals of one hundred feet along the pavement, and be poured with coal tar pitch known as #6, heated up to 300 degrees, these crevices or joints being filled up to within one quarter of the top of the finished pavement.

Brick

The brick shall be uniform in size and quality, and thoroughly burned and annealed.

All bricks so distorted in burning or with such prominent kiln marks as to produce an uneven pavement shall be rejected.

Each bidder must submit samples of bricks, which shall be subjected to such tests as may, in the opinion of the County Commissioners be necessary to determine their quality and suitability for the work.

To secure uniformity in bricks of approved manufacture, delivered for use, the following tests shall be made; They shall show a modulus of rupture in cross-breaking of not less than Twenty-five hundred pounds per square inch.

Specimen bricks shall be placed in the machine known as the "rattler", making standard number of revolutions per minute, and if the loss of weight by abrasion or impact during test shall exceed 30% on the original weight of the bricks tested, then the bricks shall be rejected.

No bids contemplating the use of rejected bricks shall be entertained.

Samples may be submitted by the manufactures, in which case the bidder proposing to use brick of such manufacture will not be required to submit samples. The quality of the bricks furnished must conform to the samples presented by the manufactures and kept in the office of the County Surveyor.

The Board of County Commissioners and the County Engineer reserves the right to reject any and all brick which, in their opinion do not conform to the above specifications.

The dimensions of the Vitrified blocks shall not be less than nine inches in length, not less than three and one half or more than four and one half inches wide.

General Requirements and Conditions.

The Successful contractor agrees that he will employ only competent, skillful and faithful men to do the work; and he further agrees that whenever the Engineers in charge, shall inform him that any men on the work, is, in his opinion, incompetent or unfaithful he will discharge him from the work, and will not again employ him.

The Contractor shall increase the force when notified by the Engineer to do so.

The Contractor will also be required to give his personal attention constantly to the faithful prosecution of the work: that he will not assign or sub-let the afore said work without the express permission