**GENERAL NOTES**

All construction and materials requirements shall be in accordance with the standard specifications and special provisions shall be acceptable for use.

All joints shall be blast cleaned with water. The loose materials shall be blown out with oil-free compressed air. Surfaces must be clean, dry, free of grease, oil, and dust. Properly sealed joints are essential to guarantee desired bonding and function of sealed joints. No tolerance except those shown here will be allowed.

The shape factor combined with joint clearance is the critical dimension necessary to guarantee desired bonding and function of sealed joints. No tolerance except those shown here will be allowed.

The joint shape factor is defined as the final, pressed shape of the joint material. The tamping operation will firmly press the freshly applied material against the cut edges of the recess and the backer rod surface. The rounded shape on the top and bottom of the silicone allows the sealant to properly flex but maintain adherence to the paving.

**NOTE:**

1. Cost of sawing, dowel, bar assemblies, joint filler, sealers, and joint seal shall be included in Unit Price RED for PCC Paving.
2. Post-tensioned tendon shall be bituminous fiber and of non-expanding type.
3. Refer to Joint Spacing Table for approved load transfer units at transverse concrete pavement joints.
4. Approved Type D Dowels System A may be substituted for the assembly shown when approved by the Engineer upon approval by the Engineer the same shall be used throughout the project.
5. Joints shall be made to a specified width and depth and be held in during concrete placement that dowels will be in true position in the finished pavement. Any devices not producing the desired results shall be discontinued.
6. Producer and Contractor shall avoid patent infringement of patent(s) 4,713,530 and 4,678,535 by any means.

**JUNCTION DETAILS**

CITY OF TULSA, OKLAHOMA
ENGINEERING SERVICES DEPARTMENT
CONCRETE PAVEMENT STANDARD DETAILS FOR ALLEYS, RESIDENTIAL AND COLLECTOR STREETS
SHEET 2 OF 2

PRELIMINARY

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