

450 RIGID PAVEMENT

ITEM 454 - PAVEMENT RELIEF JOINTS

- 454.01 Description**
- 454.02 Materials**
- 454.03 General**
- 454.04 Placement**
- 454.05 Method of Measurement**
- 454.06 Basis of Payment**

454.01 Description. This work shall consist of all equipment, material and labor necessary to construct pavement relief joints composed of asphalt concrete on a prepared subgrade, in accordance with these specifications and in reasonably close conformity with the lines, grades and thickness shown on the plans or established by the Engineer.

454.02 Materials. Asphalt Concrete shall be in accordance with Item 402.

454.03 General. Pavement relief joints shall be constructed with all Portland Cement type pavements or bases, in accordance with the provisions contained herein. Each pavement relief joint shall be 4 feet (1.2 m) long and extend between pavement edges, curbs or gutters. Two inches (50 mm) of expansion joint material shall be placed in the curb or curb and gutter at and centered on the relief joint. The Item 402 material shall be placed in lifts no greater than the thickness of the pavement or base divided by 3, however, no lift shall exceed 3 inches (75 mm). The pavement relief joint shall be constructed flush to the top of the Portland Cement Concrete pavement or base.

454.04 Placement. A pavement relief joint shall be constructed as follows:

1. At the P.C. and P.T. for all pavement sections with a centerline radii less than or equal to 500 feet (150 m) and deltas greater than 50 degrees.
2. At least one between intersections, including T type. Additional pavement relief joints shall be required when the distance within any one block exceeds 800 feet (240 m), these additional pavement relief joints are to be spaced a minimum of 400 feet (120 m) apart and are not to exceed 800 feet (240 m).
3. Whenever a new roadway, this work is to be constructed to adjoin an existing roadway, this work shall begin with a pavement relief joint.
4. The Contractor should plan pours of pavements or bases in such a manner so as to end a days work at a pavement relief joint.

454.05 Method of Measurement. The amount shall be the actual linear feet (meter) of Pavement Relief Joint accepted in place as measured between curbs and perpendicular to the centerline of the pavement.

454.06 Basis of Pavement. The accepted quantities of the work herein described complete in place will be paid for at the contract price for:

Item	Unit	Description
454	Lin. Ft. (Meter)	Pavement Relief Joint