

Town of Casey

Crack Sealing Specifications

To supply all needed equipment and labor to clean and seal random transverse, centerline, and longitudinal cracks in asphaltic pavement. All cracks shall be cleaned by forced air (through a nozzle at 75-150 psi and 225 CFM minimum), filled with joint sealant material, squeegeed if necessary for smoothness, and either sprayed with soap and water (preferred) or toilet paper to keep from tracking. Successful bidder will provide all traffic control including signs and flaggers in accordance to the Wisconsin Work Zone Field Manual, 2021 edition.

Work to be completed before July 1 of the year contract is awarded. All cracks must be completely filled from edge of blacktop to edge of blacktop doing a single lane at one time. A heat lance capable of achieving a temperature of heated air at the end of the orifice of 1,800 degrees F and discharge velocity of 3,000 fps will be used when pavement temperatures are between 45 degrees and 60 degrees. No crack filling will take place when pavement temperatures are below 45 degrees or when the pavement is wet. Material must be applied per manufacturer's specifications. Fill reservoirs/cracks with sealant using multiple passes if necessary. Overband width shall be of sufficient width to produce a level driving surface with a maximum film thickness at the edges of 0.125 inches thick. The minimum overband shall be three times the crack width.