

ITEM - LOAD TRANSFER DOWEL ASSEMBLY

The load transfer dowel assemblies shall be as specified in Contracts and Specifications Stored Spec. "401LTDA" and as detailed in Std. C-07.02.

The project engineer may permit the use of a mechanical dowel inserter in lieu of load transfer dowel assemblies, if in his opinion, the mechanical dowel inserter achieves no less tolerance than those achievable with dowel assemblies. Before the use of the mechanical dowel inserter is approved however, a plan to ensure the accurate placement of the transverse joints in relation to the location of the load transfer dowels shall be submitted to, and approved by both the project Engineer and the ADOT Materials Group.

The mechanical dowel inserter, if used, shall employ hydraulic hammers. Air driven hammers shall not be permitted.

If a mechanical dowel inserter is used, then the dowels and their placement shall be paid for at the same amount as the load transfer assembly.