

July 29, 2002

MEMORANDUM 99 – 06

TO: District Directors  
District Construction Engineers  
District Materials and Tests Engineers  
District Area Engineers  
Project Engineers  
Toll Road Manager

FROM: Timothy D. Bertram, Chief Operations Support Division **Timothy D. Bertram**

SUBJECT: Use of Maturity Meter for PCC Pavement

The maturity meter was evaluated during the 1998 construction season relative to its potential for determining in-place concrete flexural strength in the field for opening PCCP to traffic. The maturity method of determining in-place concrete flexural strength is considered a viable alternative to casting numerous concrete flexural beams in order to determine the opening to traffic strength.

At this time, the contract may elect to use the Maturity Method in accordance with Indiana Test Method 402, in lieu of casting concrete flexural beams to determine the pavement's opening to traffic strength. This memorandum is your authority to make this change if the contractor requests to do so and uses the Maturity Method in accordance with ITM 402.

Any questions on this issue should be directed to Dennis Kuchler, Operations Support Division, 317-232-5082 or Joe Gundersen, Materials and Tests Division, 317-232-5280 ext. 217.

TDB:pl

cc: Materials and Tests Division  
FHWA  
APAI  
ICI  
CEI