Inputs of Portland cement concrete parameters needed for the design of new and rehabilitated
pavements in Mississippi
Ahmed Al-Ostaz and Weidong Wu
Department of Civil Engineering - The University of Mississippi
allur



Lower the crosshead down until contact is samost made with the steel cap.
Start the computer and the ADMET MTESTWindows sotwware and set the


## ASTM C39 Compressive Strength




Scope
This test is used to deternine the eength changes produced by causes other than externally appied foreses and temperature changes in
concrete specimens and exposed to contoled conditions of temperature and moisture concrete expands when stored in moistue and


Test Setup

Procedures


1. Place the comparator frame on a table surtace
. diar. If needed, adist the lower anvi to obtain a proper reading on the

2. Record the reading
3. Test 5 specimens within 15 minutes.

9 Input Parameters Used for Design of Pavement in Mississippi for Typical Concrete used


References


Acknowledgement
The authors would like to acknowedge the support of this project by Mississippi Department of Transportaion: study number 169 .

