

CIRCULAR LETTER

SECTION: 501.09 HANDLING, MEASURING AND BATCHING MATERIAL
NUMBER: 501.09-01
SUBJECT: CONCRETE BATCH TICKETS
DATE: JULY 1, 1992

The following is a suggested method for arriving at water calculations and proper recording of mixing revolutions:

Max. Water (Design) – This quantity represents the total amount of water that may be added at any time to the mix and still not exceed the water-cement ratio. For instance, if your concrete design indicates a mix based on 33 gal. per C.Y. with an additional 2.5 gal. per C.Y. noted under remarks, the Max. Water (Design) would be $(33+2.5)$ 35.5 gal. per C.Y. times the number of C.Y. batched.

Total Water (Plant) – This quantity represents the amount of water metered into the mix plus whatever quantity was present in the aggregates indicated by your moisture tests. For instance, if the free moisture in the fine and coarse aggregate is 16 gals. and the amount of water metered is 246 gals., the Total Water (Plant) would equal 262 gals.

The difference in the above two quantities indicates to the roadway inspector the amount of water that may be added at the job site. The actual quantity added must be shown under Water Added (Project) even if the quantity is zero.

Mixing revolutions at the plant and job site are to be recorded. The mixing revolutions are to be witnessed by the inspector and noted on the tickets for all concrete. Trucks with revolution counters inoperable are not to be used.

CIRCULAR LETTER

SECTION: 501.24 TOLERANCE IN PAVEMENT THICKNESS
NUMBER: 501.24-01
SUBJECT: CORING FOR THICKNESS ACCEPTANCE
DATE: APRIL 24, 1998

Project Supervisors are hereby advised to notify Materials and Tests personnel at least one week in advance of opening any concrete roadway or ramp to allow the concrete to be cored for acceptance testing prior to removal of the Contractor's traffic control.