

506-R-762 PCCP PATCHING

(Revised 10-19-23)

The Standard Specifications are revised as follows:

SECTION 506, BEGIN LINE 274, DELETE AND INSERT AS FOLLOWS:

506.05 Trial Batch

A trial batch shall be produced and tested by the Contractor's *ACI-e*Certified *Concrete Field Testing* ~~Technician~~, *Grade I*, to verify that the CMDS is in accordance with the concrete mix criteria. Concrete produced at a plant shall be batched within the proportioning tolerances of 502.10. An ~~American Concrete Institute~~*ACI-e*Certified ~~Concrete~~ *Concrete* ~~Field~~ *Field* ~~Testing~~ *Testing* ~~Technician~~, *Grade I*, shall be on site to direct all sampling and testing. The trial batch shall be produced at the plant prior to production.

SECTION 506, BEGIN LINE 317, DELETE AND INSERT AS FOLLOWS:

(a) Beams for Validation of CMDP

At least one set, consisting of ~~three~~*two* beams per set, will be made once per every 150 cu yds of concrete placed and tested for compliance with either the 3-day or 7-day flexural strength requirements in accordance with 506.04(b) or 502.04(a) respectively, for the purpose of CMDP validation. Air content and relative yield will be measured on each sample of concrete from which beams are made.

SECTION 506, BEGIN LINE 581, DELETE AS FOLLOWS:

(b) For Patches Greater than 15 ft in Length

Traffic shall not be allowed on the PCCP until a modulus of rupture of ~~425 psi~~ from flexural strength testing *in accordance with the appropriate value in the table below* is achieved. The modulus of rupture will be determined by averaging two beams.

<i>Concrete Mix in accordance with:</i>	<i>Minimum Modulus of Rupture, psi</i>
<i>502.04(a)</i>	<i>550</i>
<i>506.04(b)</i>	<i>425</i>