

CPQITF Strength and Testing Team

Team Members

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Work Plan Item #1

#1a. Review of 3750 psi acceptance strength

➤ S&T recommendation at the CPQITF meeting
August 24, 2005 was to retain the 3750 psi .

❖ S & T – based on past durability performance
and States PCC strength survey.

Work Plan Item #1

#1b. Review of Opening to Traffic Strength Requirements

➤ Reduce Construction Time

❖ Maturity Meter

- Removal of Forms, Open to Construction Traffic
- No Cylinder Breaks, Base Compressive Strength on Heat of Hydration

Work Plan Item #1

#1b. Review of Opening to Traffic Strength Requirements

➤ Next Step - Reduce Construction Time

❖ Maturity Meter – Future Implementation

- Consultant Preparing Specifications, Pennoni Associates, Inc.
- Pilot Projects

Work Plan – Item #2

Review gaps and inconsistencies between 501 and 506 requirements

- Inconsistency Section 501 & 506,
 - ❖ Sections 501.3(s) & 506.3(s) revised
 - Entrained Air (Hardened) test results for information only
 - Special Provision, Pub. 408, Change #1

Work Plan – Item #2

❖ Review gaps and inconsistencies between 501 and 506 requirements

- Evaluate Sec. 501 deficiencies
 - ❖ Payment issues for Sections 501 & 506
 - Outlier equation results
 - PTM 4 – Statistical Correct

Work Plan – Item #2

Review gaps and inconsistencies between 501 and 506 requirements

- Evaluate design criteria for using either Sec 501 or 506
 - ❖ Consistent Project Determination
- Entrained Air Field Test Method
 - ❖ Investigating Air Void Analyzer (AVA)
 - ❖ Pilot Projects; US 22, Sections B02 & B08

Questions