

Performance Engineered Mixtures – PP 84 Status Update

National Concrete Consortium
Minneapolis, Minnesota
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PEM - Where We've Been and Where We're Going

- Origins
- Looking Back
- Current Status
- Future Plans



Origins

- NCC 2015 Spring Meeting in Reno
 - Organize Champion States
 - Evaluate new Tests
 - Develop a PEM Framework
- NCC 2015 Fall Meeting in Milwaukee
 - Vision (Lofty) to Implement adoption of PEM
 - Draft Standard – Spring 2016
 - Present to AASHTO – August 2016
 - AASHTO Ballot – Fall 2016
 - Publish Standard in 2017

Looking Back

- NCC 2016 Spring Meeting in Columbus
 - Presented Framework
 - Revised Framework
- Developed draft standard Spring 2016
- Submitted draft to AASHTO Summer 2016
- Tech Section concurred with draft (after revisions)
- AASHTO Balloted PEM in September 2016
- Ballot results received and addressed 2017

Looking Back

Provisional AASHTO Standard Practice for Developing Performance Engineered Concrete Pavement Mixtures & Commentary AASHTO PP 84-17

Was published in April 2017



Current Status

- Tech Section balloted revisions May 2017
 - Referenced two new AASHTO standards
 - Propose VKelly as a stand alone provisional standard
 - Additional modifications to improve
- Agreed to changes for PP 84 in August SOM meeting in Phoenix
- Ballot sent to Tech Section Chair September 11



Future Plans

- Continue to make improvements
- Refine document for clarity
- Move other test methods in Appendices to stand alone standards
- Modify based on lessons learned from shadow projects
- Stakeholder input desired!