

# Roadway and Structures

## Activity Report

### AASHTO Subcommittee on Construction

August 12 – 17, 2012 San Francisco, California

*2012 – 2013 Section Leadership*  
*Chairman – David Ahlvers, Missouri DOT*  
*Vice Chairman (Structures) – David Hoyne, Vermont AOT*  
*Vice Chairman (Roadway) – Vacant*  
*Secretary – Anthony Sarhan, FHWA*

1. Completed the “Guideline for Development and Implementation of Comprehensive QA Programs” and “Improving Inspection for Construction QA”.

[www.fhwa.dot.gov/publications/research/infrastructure/12039/12039.pdf](http://www.fhwa.dot.gov/publications/research/infrastructure/12039/12039.pdf)

<http://www.fhwa.dot.gov/pavement/materials/hif12045.pdf>

2. Reviewed best practices for performance based type specification for structures. Caltrans provided a Job Special Provision which will be useful for DOT’s attempting to move in this direction.

[www.dot.ca.gov/hq/esc/construction/.../2009BCF\\_HM3\\_Presentation.pdf](http://www.dot.ca.gov/hq/esc/construction/.../2009BCF_HM3_Presentation.pdf)

3. Identified best practices and specifications for the use of prefabricated bridge elements.

[http://www.fhwa.dot.gov/everydaycounts/technology/bridges/pbeswebinartraining/s1\\_m1.cfm](http://www.fhwa.dot.gov/everydaycounts/technology/bridges/pbeswebinartraining/s1_m1.cfm)

<http://www.fhwa.dot.gov/bridge/prefab/if09010/>

<http://www.fhwa.dot.gov/bridge/pubs/07022/hif07022.pdf>

4. Overview of solutions for longitudinal joint durability was presented along with “Best practices for specifying and constructing HMA longitudinal joints.

<http://construction.transportation.org/Documents/2012MeetingPresentations/Constructing%20Longitudinal%20Joints.pdf>

5. Identified states which utilize bridge ride quality specifications. Iowa DOT has a best practice in this area.

[www.iowadot.gov/erl/current/GS/content/2428.pdf](http://www.iowadot.gov/erl/current/GS/content/2428.pdf)

6. Presentation on post installation inspection of drainage pipes.