

CAPCA – MSHA Design Technical Services Division meeting summary

Wednesday 10:00 October 21st

@ MSHA Office of Materials Technology

Hanover, Md.

Attendees:

Jason Ridgeway – Chief of Design Technical Services Division

Leroy Tyree – MSHA

Michelle Armiger – MSHA

Chris Gale – MSHA

Darren Wise – Hanson Pipe & Precast & CAPCA

Mike Barg – Rinker Materials & CAPCA

Scott Crumpler – Americast & CAPCA

Steve Rodgers – Contractors Precast Corp. & CAPCA

Pat Hurd – Frederick Precast Concrete & CAPCA

This is the second recent introductory meeting with new MSHA personnel. Jason Ridgeway is the new Chief of the Design Technical Services Division, which has taken over the regulation & supervision of precast plants. Introductions were made and then Jason informed us that he would be in charge of the team that dealt with all things precast, including but not limited to plant inspections, product approval, drawing reviews and potentially field inspections. He explained that he had previously worked in the Hydraulics Division of MSHA. He also indicated that Hydraulics would no longer be involved in reviewing shop

drawings for either project approval or blanket approval as a substitute. Jason stated that he believed that contractors were predominately using precast structures and that it was his intention to change the MSHA Book of Standards to make precast structures the standard details with cast in place structures as the alternate (requiring submittal approval). Naturally all of the members of CAPCA were whole heartedly in agreement with his assessment and intentions.

After Jason's introduction, Darren and the CAPCA members began with our agenda. The first item on the CAPCA was precast drawing review and since Jason had basically stated our position, we moved on to the next item which was a review of the previous meeting with MSHA from December 10th, 2008. At that meeting CAPCA presented a list of questions and/or concerns about the standard details. Nothing had been done on the MSHA side regarding the list of questions, since that meeting. Copies were given to the MSHA personnel in attendance, so they could begin to work on getting us answers. Jason indicated at that time that MSHA was very interested in having CAPCA provide precast details to them with the purpose being to eventually incorporate them into the book of standards. He did indicate that it would be a process that would take time, because there was no consistent method that had been used in the development of the details currently in place. Jason stated that the details in place were a compilation of drawings either designed by MSHA or submitted to MSHA over the years by consulting engineers, contractors and precasters and that MSHA did not even have a specific loading design criteria requirement (HS-10, HS-20 or HS-25) for either the precast or the cast in place structures. Members of CAPCA stated that an example of this was that most curb inlet slabs were designed just for HS-10 loading, yet some of the structures located far outside traffic areas called for wall thicknesses and reinforcement that exceeded the requirements of HS-20 loading. This statement was confirmed by both MSHA and CAPCA members in attendance, with the understanding that we would work together to determine what loading the various types of structures should be designed for. The next item on the CAPCA agenda was a request to allow a CAPCA committee to review any new details before they were placed in the book of standards. Jason agreed to that request. The final item was to try to have regular meetings to work on details and

procedures and it was agreed to try to meet quarterly, with the next meeting to take place some time in mid to late January. Finally, Darren gave copies of three preliminary CAPCA details for Jason's group to review, hopefully before our next meeting and the meeting was adjourned.