

MEETING MINUTES FROM THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STANDARD SPECIFICATIONS AND DETAILS COMMITTEE

March 3, 2010

Maricopa Association of Governments Office, Cholla Room
302 North First Avenue
Phoenix, Arizona

AGENCY MEMBERS

Jim Badowich, Avondale	Mike Samer, Mesa
Scott Zipprich, Buckeye	Jesse Gonzales, Peoria, Chairman
Warren White, Chandler	Jeff Van Skike, Phoenix (St. Trans.)
Dennis Teller, El Mirage	Jami Erickson, Phoenix (Water)
* Edgar Medina, Gilbert	Mark Palichuk, Queen Creek
Tom Kaczmarowski, Glendale	Rodney Ramos, Scottsdale
Troy Tobiasson, Goodyear, Vice Chairman	Jason Mahkovtz, Surprise
Bob Herz, MCDOT	Tom Wilhite, Tempe

ADVISORY MEMBERS

John Ashley, ACA	* Jeff Hearne, ARPA
Jeff Benedict, AGC	Peter Kandararis, SRP
* Kwigs Bowen, NUCA	Paul R. Nebeker, Independent
Tony Braun, NUCA	Mike Smith, ARPA
* Brian Gallimore, AGC	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

Tom Avanbuan, NUCA
Joe Bacik, American Ductile Iron Pipe
Phil Cisneros, Southwest Gas
Jim Easterly, NUCA
Kenny Pollock, Southwest Gas
Mike Sanders, NUCA
Ann Seiden, Southwest Gas

1. Call to Order

Chairman Jesse Gonzales called the meeting to order at 1:33 p.m.

2. Approval of Minutes

The members reviewed the February 3, 2010 meeting minutes. Bob Herz introduced a motion to accept the minutes as written. John Ashley seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2009 Cases (old cases)

a. Case 09-13 – ADA-Compliant Dual Sidewalk Ramps: Develop ADA-compliant details for 35-foot and 20-foot corner radius dual sidewalk ramps. Jesse Gonzales said he has continued to have discussions with the access board on the proposed details. He said they like directional ramps. He is waiting for additional feedback from the access board and committee members.

b. Case 09-14 – Revise Ramps for ADA Compliance: Revise Details 231, 232, 233 and 234 to obtain compliance with ADA requirements. Bob Herz provided an updated drawing for Detail 232 that corrected the title. The committee discussed the use of a concrete “sliver” in front of the detectable warning rather than trying to custom design or cut the curved arc in the detectable warning material, which would be difficult due to various radii used and the potential of cutting through a raised dome.

c. Case 09-15 – Revisions to Section 610.4 for Water Line Handling: Modify Section 610.4 to clarify water line pipe protection measures at the job site prior to placement (during storage or staging) to help prevent contamination. Joe Bacik of American Ductile Iron Pipe gave a short presentation on the various methods of capping pipe, and the problems they have had keeping ductile iron pipe capped. The complete presentation is available on the MAG web site at: <http://www.mag.maricopa.gov/detail.cms?item=11601>

Discussion during the presentation included reasons for capping end pipes. Mr. Tobiasson added that Goodyear tests for HPC, and keeping the pipe clean was necessary because of the limited water available for flushing. Other problems in our area that increased risk of contamination included watering the job site (and unprotected pipe) with reclaimed water for dust control, and dust storms that can coat the insides of unprotected pipe.

Mr. Bacik described difficulty capping ductile iron pipe due to the exterior texture, which kept tape from adhering properly, the bell shape of the pipe ends, and problems with other capping methods. He showed photos of plastic/foam end caps that came unglued in the heat (near Las Vegas) and popped off the pipe ends, causing a litter problem as well. His recommendation was to tarp the pipe in transit, and tarp it again at the job site. During installation he recommended checking and cleaning out the pipe before laying, and capping ends of unfinished sections.

Mr. Bacik also answered questions from Mr. Gonzeles on the storage of pipe at distributors, and about the rejection of a particular shipment. He said that currently distributors and their own storage yards do not tarp pipe, and that pipe can become discolored after sitting at a distributor for some time, but that would not affect the performance of the pipe, and that most pipe is shipped directly to the project site.

4. 2010 Cases (new cases)

d. Case 10-01a – Miscellaneous Bloopers: Correct typographic errors in Section 317 Asphalt Milling. No comments were provided.

e. Case 10-02 – Utility Pothole Repair: Revise and add keyhole repair to Detail 212 and add new Sections 355 and 708. Warren White provided copies of an article from the APWA Reporter on “Keyhole coring and replacements: the right solution for right-of-way owners.” Peter Kandaris provided draft Section 355 Keyhole Potholes and Section 708 Keyhole Bonding Materials, as proposed new specifications. These would describe the process and materials used in more detail than previously provided on Detail 212. He also said that Detail 212 would be updated to reference these specifications.

Jeff Van Skike asked if the keyhole process was used only for gas line repair. Kenny Pollock from Southwest Gas said the process could be used for other utilities, and he was aware of its use by a Las Vegas water district.

Other members discussed the possibility of using the keyhole repair technique for standard pothole repair. Jim Badowich asked about the possibility of saw cutting square sections and replacing them using the same technique and bonding agent. Concerns were raised about corner cracking.

Peter Kandaris said these draft specifications were originally developed by the City of Toronto, and suggested that committee members provide their feedback to have them reflect or local conditions other potential uses. He said the draft specifications allowed different sized keyholes and CLSM could be used for backfill.

Ann Sieden of Southwest Gas agreed to give a short presentation on the process to committee members at the April 7, 2010 meeting.

f. Case 10-03 – Modify Section 336 Pavement Matching and Surfacing Replacement: Revise Section 336 to be in conformance with changes made last year to Detail 200-1. Peter Kandaris introduced a case to make changes to Section 336 Pavement Matching and Surfacing Replacement to match the new requirements of Detail 200-1 Backfill, Pavement and Surface Replacement. He also plans to fix minor errors on the detail. Due to the large number of supplements and changes needed in this section, it was determined that last year’s case focus on updating the detail drawing. The new case updates the specifications to be consistent with the revised detail. Mr. Kandaris also

reorganized sub-section 336.2.4.1 to be in a more logical order. He also said that a color version would be distributed that made the changes and revisions easier to see. He asked the committee to review the case and offer suggestions and corrections.

g. Case 10-04 – Revise Section 109.8: Remove quotations of Arizona Revised Statutes from text located in Section 109.8 PAYMENT FOR DELAY. Due to changes in ARS language, the quote in Section 109.8.1 is no longer accurate. Bob Herz submitted this new case to update the MAG specifications by removing quotations that referred to previous Arizona statutes. In addition to the noted corrections, he supplied the new and old ARS sections for reference.

h. Case 10-05 – Revise FOREWORD: The purpose of this change is to clarify use of the MAG Specifications and Details for Public Works document. Jesse Gonzales submitted draft revisions to the Foreword of the MAG Specification book that he and Peter Kandaris had worked on. The sections in red were suggested changes by Mr. Kandaris, who described the rationale to clarify who and what purposes the specifications were designed for. It also emphasized the importance of professional review and engineering in their application. The blue text indicated suggested addition by Mr. Gonzales. He said revising the Foreword was cathartic, but that it was only an initial draft to generate comments from and participation by the committee.

Mr. Gonzales also provided a draft Foreword to a proposed document that supplements the MAG Specifications for “Public Works Construction Not in the Right of Way.”

5. General Discussion:

American Society for Testing and Materials (ASTM) Access

Jesse Gonzales said he was investigating with a representative of ASTM the possibility of setting up a region-wide web portal that would allow all agencies access to the latest ASTM standards. Since the MAG Specifications frequently reference ASTM – and many jurisdictions do not have, or cannot afford a subscription – difficulties could arise over disputes that involve references to ASTM standards. Mr. Gonzales thinks that by pooling resources, it may be more affordable for members and provide better access and collaboration. Peter Kandaris said that SRP has a subscription that limits the number of downloads, and Michael Smith said they have access, but only to a few specific books. It was agreed to continue to pursue the issue.

MAG Trash Rack Detail 502-2

Peter Kandaris brought in a copy of a Trash Rack Detail that SRP uses in addition to the MAG details. Jesse Gonzales noticed that the SRP detail avoids the problem of trash going around the sides of the rack. He plans to review and distribute the detail to members as reference material to make possible modifications to MAG Detail 502-2.

Army Corp of Engineers Research on Pavement Cuts

Jeff Van Skike asked if any members remembered a study that was being done about 5-6 years ago by the Army Corp of Engineers Cold Weather Research Lab on the effects of utility cuts on pavement durability. He recalled MAG had some initial involvement in the study and was wondering if anyone knew what the outcomes were. Peter Kandaris said he recalled the topic and said he has a comprehensive file created during the utility cut evaluation process that has more information.

Mr. Van Skike also announced that due to Phoenix cut-backs he may be offered an early retirement package, and if so, it may be his last committee meeting.

Reflective Street Markers

Bob Herz asked Rod Ramos if he would be willing to present Scottsdale Detail 2363 as a case or provide the detail drawing. Mr. Ramos said their details were available on their web site. Mr. Herz said he plans to review the detail as a potential case for inclusion in MAG.

6. Adjournment:

The meeting was adjourned at 3:07 p.m.