

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

July 1, 2009

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

AGENCY MEMBERS

Jim Badowich, Avondale	Gordon Haws, Mesa
* Scott Zipprich, Buckeye	Jesse Gonzalez, Peoria
* 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	* Nick Mascia, Surprise
Bob Herz, MCDOT, Chairman	Tom Wilhite, Tempe

ADVISORY MEMBERS

John Ashley, ACA	* Mike Smith, ARPA
Jeff Benedict, AGC	Paul R. Nebeker, Independent
Brian Gallimore, AGC	* William Ast, NUCA
Peter Kandararis, SRP, Vice Chairman	* Bill Davis, NUCA
Jeff Hearne, ARPA	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

\* Members not attending or represented by proxy.

GUESTS/VISITORS

Mike Bielecki, Lewis & Roca  
Arturo Chavarria, Hansen Pipe and Precast  
Shannon Ford and Jenn Stockhill, Enssolutions  
Aaron Schlessinger, Contech Construction Products  
Ann Seiden, Southwest Gas Company  
Mark Wible, ASU-CIM/ARPA

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:32 p.m.

2. Approval of Minutes

The members reviewed the June 3, 2009 meeting minutes. Jesse Gonzalez introduced a motion to accept the minutes as written. Tom Kaczmarowski seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2008 Cases (old cases)

a. **Case 08-10 – Modification to Trench Backfill and Pavement Replacement, Detail 200, Section 336 and Section 601:** Revisions to reduce numerous agency trench backfill and pavement replacement supplemental details by combining the most common practices. Peter Kandarlis presented the results of the default value email survey. Members provided feedback and recommended that the results be incorporated into a revised detail. The committee discussed the need to scale back the scope of proposed changes so that work could be completed this calendar year. It was agreed that revisions to Sections 336 and 601 would be dropped from this case. Based on the discussions, Peter will prepare revisions to Detail 200 for the next meeting.

4. 2009 Cases (new cases)

a. **Case 09-02 – Modifying Acceptable Vacuum Relief Valve Vendors, Section 630.6:** Include language for approved vendor lists with vacuum relief. The committee had no discussion on this item. It is anticipated that Jami Erickson will prepare a revision for the next meeting based on earlier comments. Committee members are requested to continue reviewing the case and provide comments.

b. **Case 09-03 – New Geosynthetic Materials Specification, Section 796:** Create a geosynthetic material specification, Section 796. Peter Kandarlis provided a revision to the case that moved information on material delivery and handling to the materials section of the specification. Members are requested to be prepared to vote on this case at the next meeting.

c. **Case 09-04 –AC Overlay Interlayer Fabric Requirements, Section 321:** Modify Section 321 to include interlayer fabric for asphalt concrete. Peter Kandarlis provided binder and fabric application temperature information from various state and national specifications. Members recommended that the specification include a minimum asphalt concrete hot mix temperature. Peter will provide a revision for the next meeting. Committee members are requested to continue reviewing the case and provide comments.

d. **Case 09-05 – Modify Riprap Construction to Include Filter Fabric, Sections 220 and 703:** Modify Sections 220 and 703 to incorporate Maricopa County Supplemental Specification Section 224 for filter fabric. The committee had no discussion on this item. Peter Kandarlis will provide revised language to exclude the use of geotextile fabric below grouted rip rap. Committee members are requested to continue reviewing the case and provide comments.

e. **Case 09-06 – New Geogrid Fabric Specification, Section 306:** Create a new geogrid application Section 306. Members discussed the use of geogrid fabrics and methods to repair grid material cut during utility excavation work. Aaron Schlessinger of Contech Construction Products addressed this issue and provided related literature from Tensar International. Members are requested to be prepared to vote on this case at the next meeting.

f. **Case 09-07 – Revisions to Concrete Materials Specification, Section 725 and 701:** Revisions to Section 725 and portions of Section 701 to make specifications current with modern concrete manufacture, materials and quality control practices. Troy Tobiasson and Jeff Hearne provided a case revision with new language for processes to allow use of concrete that exceeds the specified maximum temperature. Members recommended renumbering the final version to remove deleted subsection headings and revising the description for Class C concrete to insure the mix is not recommended for use as trench backfill. Peter Kandarlis will provide a cursory check of the standard details to identify references to any subsections in Section 725. Since the changes suggested are minor, members are requested to be prepared to vote on this case at the next meeting.

g. **Case 09-08 – Modification to Valley Gutter, Detail 240:** Modifications to Detail 240 to increase valley gutter thickness to match adjoining commercial and industrial driveways concrete driveway thickness (as noted in Detail 250). Members discussed the jointing requirements of Note 5 in the detail. Bob Herz will provide a revised detail for the next meeting to incorporate all previous comments. Committee members are requested to continue reviewing the case and provide comments.

h. **Case 09-09 – Modification to Dust Palliative, Section 792:** Modifications to Section 792 to update dust palliative product, compliance and environmental requirements. Shannon Ford of Enssolutions requested that material requirements for organic resins be updated to new industry standards for tall pitch oil emulsions. Peter will meet with Enssolutions prior to the next committee meeting for their input and provide revisions to the case. Committee members are requested to continue reviewing the case and provide comments.

i. **Case 09-10 – Modification of Section 321 to include Section 322:** Section 322 as a new subsection to Section 321. Members suggested replacing burning or blading of damaged pavement with milling or repair. Peter Kandarlis will provide a revision for the next meeting. Since the change suggested is minor, members are requested to be prepared to vote on this case at the next meeting.

j. **Case 09-11 – Modification to Dust Palliative Application, Section 230:** Modifications to Section 230 to provide improved field control of palliative application to insure bid conformance. Peter Kandarlis provided new language that revises product acceptance and warranty periods based on type of application. Members suggested additional text changes to this language. Peter will provide revisions to the case at the next meeting and include input from his upcoming meeting with Enssolutions. Committee members are requested to continue reviewing the case and provide comments.

k. **Case 09-12 – Miscellaneous Corrections:** Case 09-12A: Correct the table referenced in last paragraph of Section 321.10.4 from Table 321-2 to Table 321-6. The committee had no discussion on this item. New Case 09-12B: Bob Herz proposes correcting the gradation table in Section 325.2.1. The percent passing range on the No. 30 sieve should be from 5 to 15 percent, not 15 to 24 percent. New Case 09-12C: Jeff Hearn identified numerous values in Table 715-1 (slurry seal) where material property ranges have been replaced by a series of meaningless numbers and proposes changing the table values to those shown in the 2005 version of the specification. Members are requested to review the proposed changes and return with comments for the next meeting.

l. **Case 09-13 – ADA-Compliant Dual Sidewalk Ramps:** Jesse Gonzalez proposes new ADA-compliant details for 35-foot and 20-foot corner radius dual sidewalk ramps. Members are requested to review the new details and return with comments for the next meeting.

m. **Case 09-14 – ADA-Compliant Single Sidewalk Ramps:** Bob Herz proposes revising Details 231, 232, 233 and 234 to obtain compliance with ADA requirements. MAG Details 321 and 233 have undersized landing areas for turning. Revised details show 5-ft by 5-ft landing dimensions. Details 232 and 234 are non-compliant since the path going across the ramp exceeds the allowable 2% maximum cross slope. Details have been revised to obtain a 1.5% cross slope for the landing at the bottom of ramps. Members are requested to review the proposed changes and return with comments for the next meeting.

n. **Case 09-15 – Revisions to Section 610.4 for Water Line Handling:** Tom Wilhite proposes modifying 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. Members are requested to review the proposed changes and return with comments for the next meeting.

5. General Discussion:

Bob Herz announced that the CAD Symbols Working Group will meet at the MAG offices (Palo Verde Room) at 1:30 pm on July 29, 2009.

6. Adjournment:

The meeting was adjourned at 3:14 p.m.