

April 29, 2009

TO: Members of the MAG Specifications and Details Committee  
FROM: Robert Herz, Maricopa County DOT, Chairman  
SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, May 6, 2009 at 1:30 p.m.  
MAG Office, Second Floor, Cholla Room  
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

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AGENDA

<u>ITEM</u>	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	1. No action required.
2. <u>Approval of April 1, 2009 Meeting Minutes</u>	2. Corrections and approval of April 1, 2009 minutes.
3. <u>2008 &amp; 2009 Cases</u>	3. Review submitted cases and submission of new cases.
4. <u>General Discussion</u>	4. Open general discussion.
5. <u>Adjournment</u>	5. No action required.

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

April 1, 2009

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

AGENCY MEMBERS

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| * Jim Badowich, Avondale<br>* Scott Zipprich, Buckeye<br>Warren White, Chandler<br>Dennis Teller, El Mirage<br>Edgar Medina, Gilbert<br>Tom Kaczmarowski, Glendale<br>Troy Tobiasson, Goodyear<br>Bob Herz, MCDOT | * Gordon Haws, Mesa<br>Jesse Gonzalez, Peoria<br>Jeff Van Skike, Phoenix (St. Trans.)<br>Jami Erickson, Phoenix (Water)<br>Mark Palichuk, Queen Creek<br>Rodney Ramos, Scottsdale<br>* Nick Mascia, Surprise<br>Tom Wilhite, Tempe |
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ADVISORY MEMBERS

- |   |   |
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| John Ashley, ACA<br>Jeff Benedict, AGC<br>Brian Gallimore, AGC<br>Peter Kandarlis, SRP, Vice Chairman<br>* James Carusone, ARPA | * Adrian Green, ARPA<br>Paul R. Nebeker, Independent<br>* William Ast, NUCA<br>Bill Davis, NUCA |
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MAG ADMINISTRATIVE STAFF

Gordon Tyus

- \* Members not attending or represented by proxy.

GUESTS/VISITORS

Aaron Schlessinger, Contech Construction Products  
Arturo Chavarria, Hansen Pipe and Precast  
Jeff Hearne, ARPA – Salt River Materials Group

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 March 4, 2009 meeting minutes. Rodney Ramos introduced a motion to accept the minutes as written. Tom Wilhite 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 Kandaris stated that written case comments had been received from Brian Gallimore. Warren White noted that Chandler preferred using ½-sack CLSM as the default trench backfill material. After discussion, it was agreed that Peter would poll the members via email to determine default preferences for various materials identified in the case. Committee members are requested to continue reviewing the case and provide comments.

4. 2009 Cases (new cases)

a. **Case 09-01 – Modification to Detectable Warnings, Section 340.2.1:** Update detectable warning specifications to conform to current ADA requirements. The committee discussed the need for specifying traffic-rated detectable warnings. It was agreed that this concept should be investigated as a separate case since ADA compliance was the purpose of this case. Members were requested to be prepared to vote on this case at the next meeting.

b. **Case 09-02 – Modifying Acceptable Vacuum Relief Valve Vendors, Section 630.6:** Include A.R.I. as an additional approved vendor for vacuum relief. The committee had no discussion on this item. Case revisions by Jami Erickson are anticipated for next month's meeting.

c. **Case 09-03 – New Geosynthetic Materials Specification, Section 796:** Create a geosynthetic material specification, Section 796. The committee had no discussion on this item. Members were requested to review the case and provide comments for the next meeting.

d. **Case 09-04 –AC Overlay Interlayer Fabric Requirements, Section 322:** Modify Section 322 to include interlayer fabric for asphalt concrete. Peter Kandaris stated that he will determine how this case can be incorporated into Section 321 since it is anticipated that Section 322 will be incorporated into Section 321 in the near future. Rod Ramos requested that a more detailed description of interlayer function be included with the proposed change to insure that a fabric interlayer is only used when specified for a project. Peter will prepare revisions for the next meeting.

e. **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. Discussion by the committee included the need to specify top elevations of riprap rock, provide more direction for grouted riprap (grout placed over rock in lieu of placing rock in grout), and the need to specify integral color matching. Peter Kandaris will include these comments and have revisions prepared for the next meeting. Committee members are requested to continue reviewing the case and provide comments.

f. **Case 09-06 – New Geogrid Fabric Specification, Section 306:** Create a new geogrid application Section 306. Members discuss the need to clarify proposed Section 306.2 and provide definitions of the various geotextile materials. Peter Kandaris will include these comments and have revisions prepared for the next meeting. Committee members are requested to continue reviewing the case and provide comments.

g. **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 gave a recap of the major changes proposed. Discussion by the committee included the need for better definitions of “point of discharge” (specifically identifying where water addition can be done), adding language to denote that the contractor will bear the cost of the acceptance process for deficient concrete, and modifying Section 725.8.3 on hand-mixed concrete to insure that in-place mixing is prohibited. Troy noted that the concrete working group will meet on April 8<sup>th</sup> at the ARPA offices (916 W. Adams Street, Phoenix) to make the required changes and that a revision would be prepared for the next meeting. Committee members are requested to continue reviewing the case and provide comments.

h. **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). The members discussed whether the valley gutter flow line or adjoining edge should match driveway thickness. It was agreed that valley gutter thickness should be increased to 9 inches at the sides to match the same driveway thickness, with a gutter flow line thickness of 8 inches. Members also discussed whether valley gutter width should be increased beyond the existing 3-foot dimension. It was generally agreed that a 6-foot width would be consistent with most agency practices, but that more discussion is required. Bob Herz will include these comments and have revisions prepared for the next meeting. Committee members are requested to continue reviewing the case and provide comments.

i. **Case 09-09 – Modification to Dust Palliative, Section 792:** Modifications to Section 792 to update dust palliative product, compliance and environmental requirements. Members requested that palliative application Section 230 be reviewed to insure that specified methods are consistent with present application practices. Peter Kandaris noted that he intends on submitting a case later this year for that purpose and that any revised practices by member agencies should be forwarded to him for inclusion in the draft.

Committee members are requested to review the proposal and return with comments for the next meeting.

5. General Discussion:

Gordon Tyus said that all cases are now available on the committee's website in color portable document format (pdf). He requests that, if possible, provide all new cases and written comments to him in electronic form in advance so that they may be available for the next meeting. Gordon noted that he has received and responded to an AGC inquiry on the status of agency supplement updates within the MAG standards. He also mentioned that new committee members may obtain binders containing all of the supplement study information.

Jesse Gonzalez mentioned that the City of Peoria is planning to issue quite a few new supplements and that he is reviewing them for consistency with the MAG standards. But they will soon be issuing a number of details that are unique to Peoria. Members discussed the function and proliferation of supplements, ways to reduce supplements, and ways to use supplements for new products or ideas that do not have adequate history for overall area use. It was noted that the committee may want to look into the concept of developing "interim specifications" in lieu of individual agency supplements.

6. Adjournment:

The meeting was adjourned at 3:53 p.m.

## 2009 PROPOSED REVISIONS TO MAG SPECIFICATIONS AND DETAILS

(Updated information can be found on the website: <http://www.mag.maricopa.gov/detail.cms?item=9688> )

CASE	DESCRIPTION	PROPOSED BY	MEMBER	SUBMITTAL DATE Last Revision	VOTE DATE	VOTE	
08-10	Revised Detail 200 and Sections 336 and 601 – Trench backfill and pavement Replacement	SRP	Peter Kandariz	2/06/2008 1/07/2009		0 0 0	Yes No Abstain
09-01	Modification to Section 340.2.1 – Detectable Warnings	MCDOT	Bob Herz	01/07/2009		0 0 0	Yes No Abstain
09-02	Revisions to Section 630.6 – Update list of Air Release and Vacuum Valves	Phoenix	Jami Erickson	02/04/2009		0 0 0	Yes No Abstain
09-03	New Section 795 – Geosynthetic Specifications	SRP	Peter Kandariz	02/04/2009 03/04/2009		0 0 0	Yes No Abstain
09-04	Revisions of Concrete Sections (Sections 322 and/or 321) to include Geosynthetics	SRP	Peter Kandariz	02/04/2009 03/04/2009		0 0 0	Yes No Abstain
09-05	Revisions to Riprap (Sections 220 and 703) to include Geosynthetics	SRP	Peter Kandariz	02/04/2009 03/04/2009		0 0 0	Yes No Abstain
09-06	New Section 306 – Mechanically Stabilized Subgrade - Geogrids	SRP	Peter Kandariz	02/04/2009 03/04/2009		0 0 0	Yes No Abstain
09-07	Revisions to Sections 725 and 701 – Portland Cement Concrete	Goodyear	Troy Tobaisson	03/04/2009		0 0 0	Yes No Abstain
09-08	Modification to Detail 240 – Valley Gutter	MCDOT	Bob Herz	03/04/2009		0 0 0	Yes No Abstain
09-09	Revisions to Section – 792 Dust Palliative	SRP	Peter Kandariz	03/04/2009		0 0 0	Yes No Abstain

\* Case was approved with verbal modifications at time of voting.