

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

May 7, 2003

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

VOTING MEMBERS

David Fern, Chandler	Keith Kesti, Peoria
Mark Weiner, Gilbert	Jeff Van Skike, Phoenix (St. Trans.)
Pat Thurman, Glendale	* Troy Hayes, Phoenix (Water)
* David Ramirez, Goodyear	* Rod Ramos, Scottsdale
Ted Collins, MCDOT	Brett Huskey, Surprise
* Steven Borst, MCESD	James Bond, Tempe
Doug Davis, Mesa	

ADVISORY MEMBERS

* Brian Gallimore, AGC	* Tom Domizi, NUCA
* Jim Grose, AGC	Peter Kandararis, SRP Engineering
* Paul Nebeker, NUCA	* Sean Goris, ACEA
Jeff Benedict, ARPA	John Ashley, ACA
• Baird Fullerton, ACEC	

MAG ADMINISTRATIVE STAFF

Paul Ward

GUESTS/VISITORS

Joe Phillips, Maricopa Dept. of Transportation  
Dale Phelan, Advanced Drainage Systems, Inc.  
Mark Kastl, Advanced Drainage Systems, Inc.  
Don Green, Rinker Materials  
Roy Hall, PHC Marking Inc.  
Nancy M. Martinez, Advance Products & Systems, Inc.  
Trevor M. Skoro, CenterLine Supply West

\* Members not attending or represented by proxy.

1. Call to Order

The meeting was called to order at 1:48 p.m.

## 2. Approval of Minutes

The members reviewed the minutes from the meeting of March 5, 2003. Ted Collins introduced a motion for a vote on the minutes as written. Keith Kesti seconded the motion. A voice vote of all ayes and no nays was recorded.

## 3. 2002 Carry Over Cases:

- a. **Case 02-03 - Corrections for Asphalt Concrete Deficiencies:** Joe Phillips distributed the latest edition of the case to the committee for their review and comments. Joe noted that most of the changes were minimal in nature. There were two changes of some significance and they were the requirements for a certified laboratory and the use of a referee laboratory. Don Green noted that payment for the referee lab was not addressed. He suggested the loser pays. Don also noted that he will be presenting to the City of Mesa, ARPA's recommended changes to Mesa's Amendments to MAG for this subsection. He will deliver it prior to next months meeting. Joe might want to review ARPA's proposal to provide some ideas for his case. John Ashley noted that the Table for deficiencies in pavement thickness has some flaws. He suggested the use of percentages. In further discussions, the committee felt that when thin overlays are used, the percentage will not work and complete removal and replacement could be in order. Doug Davis noted that if the base course is thin, a thicker surface course might be in order. In cases where an overlay is required for corrective action and the street has curb and gutter, the edge and ends will need to be milled on a taper to obtain the correct depth. Since money was involved in Table 321-1, Pat Thurman suggested the table be split between contract work and permit work, similar in Table 321-2. Jim Bond suggested that the wording "In the opinion of the Engineer" be restored in the density deficiency subsection. Peter Kandaris asked if utility trenches are included in the testing. Joe intended that trenches be included however, he agreed that the method of sampling will need to be modified. The committee discussed the change in the length of the straight edge (Section 321.5.4). Several members felt that the change from 25 feet to 12 feet would be too lenient. After some discussion, the committee concluded to leave the current Specification (25 feet) as is.
- b. **Case 02-04 - Section 710 - Asphalt Concrete:** Joe Phillips distributed the latest edition of this case to the committee for their review and comments. Joe noted that no major changes were incorporated in this edition. Jeff Benedict discussed changing the Marshall Mix Design to 50 blows for designs over the restricted zone. Joe considered dropping the air voids to 3%. Film thickness was also discussed as a method to control the amount of asphalt placed in the mix. It was considered that the thicknesses of 8 to 14 microns be used for heavy traffic and 10-14 for light traffic. Since Marshall Designs can be used for both above and below the restricted zone, Pat Thurman suggested to split Table 710-5 for the two values for the mix designs. Also, Pat requested that natural sand be held to 15% for all mixes and not just for mix designs that pass under the restricted zone.
- c. **Case 02-14 - Section 738.5 - Third Party Certification for HDPE:** This case was not addressed in the meeting since the sponsor was not in attendance.
- d. **Case 02-15/17 - Sections 603.2 and 601.1 - Trench Width:** Ditto.
- e. **Case 02-16 - Section 603.5.5 - Affidavit of Installation:** Ditto.

- f. **Case 02-20 - Section 601.2.2.1 Center Clearance of Multiple Pipes:** Ditto.
- g. **Case 03-01A - Detail 502-1 Trash Rack:** There was no discussion on this case.

4. New Cases:

- a. **Case 03-03 - Detail 252 - Bus Bays:** Ted Collins felt that the current bus bay Detail was below the minimum standards to be an effective detail. As a result, he proposed to replace the current MAG Detail with the City of Phoenix Detail. Also, to cover the other alternate option and details for the bus bay, he recommended adding two additional details. John Ashley suggested to review the structural section of the PCC. Doug Davis reviewed the Phoenix Detail with that of Mesa. The basic detail was the same with only minor differences. The big difference was in the area of the shelter e.g., brick pavers, location and size of shelter pad, etc. Each Agency may have a different sizes of shelter and in turn, the pad may vary between Agencies. In an attempt to find some common ground, Doug requested each Agency to bring their bus bay details to the next meeting. Maybe a common detail could be developed to fit most of the Agencies needs.
- b. **Case 03-04 - Section 718 - Preservative Seal for Asphalt Concrete:** David Fern submitted for the committees review, comments and approval an updated Section 718. David updated the current standard for preservative seals. Some seals were modified while others were deleted.

5. General Discussion:

- a. Steve Borst was to provide a clarification on the letter from ADEQ. Steve was not in attendance and in turn, the clarification was not provided.
- b. Paul Ward informed the committee that a representative from Federal Highway Administration will be addressing the committee in the next meeting. The representative will discuss the current status of the curb ramps and other locations where truncated domes will be required.
- c. Doug Davis informed the committee that Roy Hall was in attendance and represented a company that manufactured spacers for carrier pipes inside steel boring pipes. He is looking for a sponsor to place this type of spacer in the Specifications. Currently, only redwood spacers are allowed.

6. Adjournment:

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