

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

June 2, 2004

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

AGENCY MEMBERS

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

ADVISORY MEMBERS

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|-------------------------|-----------------------|
| John Ashley, ACA | Brian Gallimore, AGC |
| * Baird Fullerton, ACEC | Peter Kandararis, SRP |
| Jeff Benedict, ARPA | Paul Nebeker, NUCA |
| * Don Green, ARPA | Tom Domizi, NUCA |
| Jim Grose, AGC | |

MAG ADMINISTRATIVE STAFF

Paul Ward

* Members not attending or represented by proxy.

GUESTS/VISITORS

Dale Phelan, Advanced Drainage System, Inc.
Tom Remes, MAG
Jim Badowich, City of Avondale
Tommy R. Thomas, Ameron International
John Wayne Gonzales, City of Phoenix
Peggy Carpenter, City of Scottsdale

1. Call to Order

The meeting was called to order at 1:38 p.m.

2. Approval of Minutes

The members reviewed the May 5, 2004 meeting minutes and had no comments. Mark Weiner introduced a motion for a vote on the minutes as written. Pat Thurman seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 2003 Carry Over Case:

- a. **Case 03-03 - Details 252, 253 & 254 - Bus Bays:** Bob Erdman will be replacing Ted Collins for the remainder of the year. Mr. Collins has been transferred to Flood Control District and as a result, has given up his position in the Committee. Since Mr. Collins or Bob Herz are both absent and Bob Erdman has limited knowledge regarding the cases submitted by MCDOT, Mr. Erdman will be taking notes and discuss the status of the cases with Mr. Herz. Rod Ramos questioned how many agencies will use the Detail since most cities have their own Detail. Based on head nods, several members will use the Detail. Doug Davis stated that Mr. Herz collected bus bay Details from each agency and combined them into single detail. Mark Weiner noted that the Detail is starting to look like a composite. Mr. Davis noted that in the last couple of meetings there has been a number of changes requested by the members. MCDOT can provide a revised Detail showing all of the changes. Once the revised Detail is submitted, the Committee members can evaluate the Case and take the next step.

4. 2004 Cases

- a. **Case 04-01 - Detail 230 - Sidewalk:** Mr. Erdman will take any comments that the members may have and review them with Mr. Herz. Mr. Ramos noted that the depth of the sidewalk did not change from 4 inches. Scottsdale has deviated from MAG to require 5 inches thick sidewalk. With the 5 inches thickness, they have found that there is less cracking. Mr. Erdman has provided a summary of the discussion in past meetings.
- b. **Case 04-02 - Detail (new) - Handrails:** Mr. Erdman will take comments that the members may have and review them with Mr. Herz. Mr. Davis noted that there have been a number of changes requested by the members over the past couple of meetings. The Detail needs to be updated, showing all of the comments, and presented to the Committee for final review. Mr. Davis also noted that the Detail will need to be assigned a Detail Number. Paul Nebeker requested that Note #4 be deleted or modified to require installation of the handrails when required on plans or agencies supplements. Mr. Ramos noted that on Type 2 post attachment, a full circle weld should be noted between the base plate and the post. Also on Type 2, a note should be placed on the Detail requiring the voids between the base plate and the top of the concrete head wall filled with grout.
- c. **Case 04-03 - Detail (new) - Sub-grade Drain:** Mr. Erdman will take comments from the members and discuss them with Mr. Herz. In the curb opening inlet Detail, John Ashley noted that the ABC plug needs to be eliminated and the pipe be filled with concrete. Mr. Davis noted in the last months meeting (not noted in the minutes), he felt that some confusion could be in the areas to be filled. To eliminate the potential problem, Mr. Herz was to provide additional arrows showing the area that each covers.
- d. **Case 04-04 - Details 250, 260 and 262 - Driveway Entrances and Alley Entrance.** Mr. Erdman will take notes on any comments from the members and discuss them with Mr. Herz. Jeff Van Skike noted that the plan and profile views of the detail have not been changed to reflect the respective change in the Detail. Mr. Davis requested that Detail A be changed to Cross Section B-B. Mr. Erdman suggested that Section A-A be enlarged to show the information in Detail A and eliminate Cross Section B-B. Mr. Davis was amenable to the suggestion. Brian Gallimore noted that the surface of the water in the

gutter will be wider with the changes. Mr. Davis commented that Mesa uses this Detail on their commercial driveways. The top surface of the water is wider however, Mesa has not experienced any problems as long as the gutter is constructed to ensure that positive drainage in the gutter line.

- e. **Case 04-05 - Miscellaneous Bloopers:** There was no discussion or comments on the three current cases.
- f. **Case 04-06 - Section 342 - Decorative Pavement and Detail 225 - Concrete Pavers:** David Fern provided a revised detail for the committees review. He is still working on revisions to the specifications. Mr. Van Skike noted that the pavers when used in vehicular traffic conditions have maintenance problems and are very noisy. Phoenix only allows them in downtown area.
- g. **Case 04-07 - Detail 404 - Water & Sanitary Sewer Separation Protection:** Steve Borst anticipates being able to provide a revised Detail by the next meeting. Also, ADEQ has established a work group to look at drinking water standards. The ADEQ standards that require the protection, are in the sewer code which is not being considered. See General Discussion 5 b below for further information on the work group.
- h. **Case 04-08 - Section 321.6.5 - Asphalt Cement Content & Section 321.6.6 - Air Voids:** Jeff Benedict reported that ARPA discussed this case in the last meeting. ARPA did not have any comments on the proposed changes. They feel that the changes do not go far enough. Mr. Davis suggested that the testing relating to the work of the contractor should be in Section 321.6 and the testing relating to the manufacturing of the mix should be in Section 710, Mr. Benedict concurred. Mr. Erdman will look in to the Case a little further.
- i. **Case 04-09 - Section 758 - Reinforced Concrete Pressure Pipe - Steel Cylinder Type:** Pat Thurman revised the Case based on past discussions and provided a copy to the Committee for their review and comments. The revised Case limited the size of the pipe from 18 inches to 72 inches. Based on discussions from the last meeting, Mr. Davis anticipated sizes larger than 72 inches will be permitted provided a caveat similar to that in AWWA would be placed in the Specifications. After a short discussion, Mr. Thurman will revise the case allowing larger sizes with the caveat.
- j. **Case 04-10 - Section 321.8 - Measurements:** Mr. Davis suggested that the smallest unit should be one ton instead of a tenth of a ton as presented in the case. By changing to the ton, it will be consistent with the other sections in the Specifications. Also, the rounding to the nearest ton would not be a significant amount of money.

5. New Cases:

- a. **Case 04-11 - Detail (new) Utility Pothole Repair:** Mr. Thurman submitted Glendale's Pothole Detail as a Case for consideration by the Committee. Because of the number of failures experienced by Glendale, Glendale has developed a Detail to significantly reduce the failures. Mr. Thurman stated the three key items that make the detail work. 1) The hole size is only 1 foot by 1 foot. 2) The bedding around the pipes. 3) The slurry back fill. Mr. Davis noted that the Detail should cover multiple utilities and the bedding should be

placed from the bottom of the hole to above the top utility. Then slurry should be placed from that point to the bottom of the asphalt concrete. Mr. Thurman noted the suggestion. Peter Kandaris stated that he would present this Case to the pot-hole contractors for their review and comments. It was noted that when slurry backfill was required, some pot-hole contractors were using ready-mix suppliers for the material. Mr. Davis noted that this would be very expensive compared to mixing the slurry on site.

6. General Discussion:

- a. Paul Ward reported that some information is being submitted on the construction of the truncated domes however, there are a number of agencies that have not submitted their information. Mr. Davis reiterated to the members to submit the information to Mr. Ward on their test installation of the domes. Mr. Ward was requested to have a report on the data submitted by the next meeting.
- b. Mr. Borst reported that ADEQ has formed a group to review the rules for drinking water standards. Because the water/sewer separation/protection is part of the sewer regulations, no changes are planned for the separation standards. The group is scheduled to have the draft complete by July and in place by the first of the year. Mr. Borst solicited volunteers to provide information to the group in an attempt to generate interest to form a second panel to review the sewer standards. Mr. Borst received two letters (Mesa and Chandler) regarding testing/certification of private development work. Mr. Davis stated that Mr. Borst will be receiving full certification on MCESD forms for capital improvements however, on private developments, Mr. Davis can only certify the work under his control e.g., bacteria, pressure and leakage tests, etc. Surveying and installation will have to come from others. Until further notifications or changes, Mr. Borst will accept the letters provided by Mesa and Chandler.
- c. Mr. Ward report on a meeting with AGC and MAG staff regarding the roll of Advisory Members on the Committee.

Paul Ward reported on a meeting that was held at the office of the Association of Arizona General Contractors (AGC). Attending the meeting for MAG were the Executive Director, Dennis Smith; Senior Policy Planner, Tom Remes; and Mr. Ward. Attending for AGC were Executive Director, David Martin; and Specs and Details advisory members Jeff Benedict, Brian Gallimore and Jim Grose.

Mr. Ward reported that the main item under discussion was the previously expressed desire to have some representatives from the contractor's community as voting members on the MAG Specs and Details Committee. However, it became apparent that the members at the table were primarily concerned with the proliferation of supplements being released by individual MAG member agencies. This increase in supplements had the effect of devaluing the MAG Specs and Details publication and made the task of the Contractor's community more difficult.

Discussion had centered on whether it was appropriate for MAG staff to attempt to lessen the number of supplements being developed and whether MAG policy would need to be changed to accomplish this task. The MAG representatives committed to discussing the issues involved at the forthcoming June meeting of the Committee and suggested that it

might be possible to hire an outside consultant who was aware of the MAG Specs and Details situation to research whether it might be possible to combine some agency supplements into MAG Specs.

As a policy matter, Mr. Smith had stated that it was not appropriate for MAG to require member agencies to lessen the number of supplements being developed. However, he agreed to review the situation with senior agency staff members, through the MAG committee process and try to encourage member agencies to voluntarily limit the number of new supplements to the minimum number possible. That ended Mr. Ward's report.

Specs and Details Committee members generally agreed that it was preferable to limit the number of individual supplements except in cases where MAG Specs and Details did not address a particular requirement that the agency had. Rod Ramos pointed out that, of the Scottsdale supplements, the majority were not covered under MAG Specs and were therefore needed. He also suggested that, if it was desired to have agency supplements included in MAG Specs and Details, the publication would become unreasonably and unworkably large.

Members also agreed that the authority to vote at Committee meetings would not be needed for current advisory members but a possible compromise on allowing advisory members to submit Cases for Consideration might be an appropriate step. Mr. Ward agreed to report to members at the next meeting regarding any further developments in this matter."

- d. Mr. Ashley noted that a shortage is starting to be seen in the availability of portland cement. The shortage follows that of steel and other products. The shortage is a result of the demand in the Asian market, e.g. China.

6. Adjournment:

The meeting was adjourned at 4:45 p.m.