

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

July 7, 2004

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

AGENCY MEMBERS

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

John Ashley, ACA	Brian Gallimore, AGC
* Baird Fullerton, ACEC	Peter Kandaris, 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

Joe Phillips, AMEC  
Richard Barge, American Ductile Iron Pipe  
Bob Herz, Maricopa County Department of Transportation  
Tommy R. Thomas, Ameron International  
Jose Esparza, Southwest Gas Corporation

1. Call to Order

The meeting was called to order at 1:35 p.m.

2. Approval of Minutes

The members reviewed the June 4, 2004 meeting minutes. Jeff Van Skike requested a correction in Item 4-f. Phoenix does allow pavers in areas other than downtown. Phoenix

permits the installation of pavers in all non-traffic areas throughout the City. When pavers are placed in traffic areas outside of the downtown area, an agreement must be established with the owner or association for the maintenance of the pavers. Jeff Van Skike introduced a motion for a vote on the minutes with the correction noted above. David Ramirez 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 Herz provided a revised Detail for the Committee's review. The revised Case incorporated all of the approved/agreed changes by the Committee. David Fern questioned the need for the optional right-of-way line on the Detail. After further review, Bob Herz elected, with approval of the members, to remove all references regarding the R/W lines on the drawing. Note #1 will cover the right-of-way requirements. Rod Ramos asked the members, when using the far side bay, if they pulled back the pull-in taper and incorporated it with the curb return for the intersection. He received no response. Rod Ramos suggested that a bearing slab be placed at the angle point where the curb and gutter changes to single curb. Based on the location of the slab and the way the buses will pull out of the bay, the members did not believe the bearing slab would be needed.

4. 2004 Cases

- a. **Case 04-01 - Detail 230 - Sidewalk:** Bob Herz noted that there has been no changes in the original submitted Case dated February 4, 2004. There was some discussion lead by Rod Ramos regarding changing the thickness of the sidewalk to 5-inches. The suggested change did not obtain support from the members. Bob Erdman made a motion for a vote on the Case dated February 4, 2004. David Ramirez seconded the motion. A vote of 3 yes, 4 no and 0 abstentions were recorded. (Mesa, Phoenix, Scottsdale & Surprise voted No).
- b. **Case 04-02 - Detail (new) -Handrails:** Bob Herz will be submitting a revised Detail for the next meeting. The modifications will be as follows: 1) clarify inside/outside diameters, 2) Change Note #4 to install the handrails per plans, specifications and/or agency's supplemental Specifications, 3) Spelling of radius, 4) Add welding symbol for full circle weld in Type 2, 5) add note to grout under plate in Type 2, 6) Establish Detail number.
- c. **Case 04-03 - Detail (new) - Sub-grade Drain:** Bob Herz provided a revised Detail for the Committees review. John Ashley suggested to change the material to plug the pipe on the curb opening from an option of ABC or portland cement concrete to portland cement concrete only. For the small amount of material used, it would not be practical or economical to change the type of material. After some discussion by the members, the members concurred with the change.
- d. **Case 04-04 - Details 250, 260 and 262 - Driveway and Alley Entrances.** Bob Herz will be updating the Detail as per the suggested changes requested by the Committee and submitting the revised Detail at the next meeting. Bob Herz requested any further comments or suggestion on the Case. The Committee had no comments.

- 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 noted that revised Specifications were provided in the packet. David Fern noted that Scottsdale's Supplementals have a different gradation for the sand than the manufacturers recommendations. He asked the reason for the difference, Rod Ramos stated that Scottsdale's Specifications were written over 10 years ago and he could not remember the reason for the difference. David Fern used the manufacturers gradation in the Case. David Fern discovered a duplicate subsection number at Section 342.3.2. Doug Davis noted a number of bloopers in the Details and differences between the Detail and the Specifications. A short list of the changes are as follows: 1) Two sizes (thicknesses) of pavers are noted in the Detail and only one in the Specifications. 2) if the dimensions of the pavers are Metric, Doug Davis suggested to keep the dimensions in Metric and English in parenthesis, 3) The X dimensions should be removed and replaced with Note #4, 4) "or Construction" be removed in Section A-A, 5) the 2 inch dimensions for the removed reinforcement be deleted, 6) Cross Section A-A in the cross section of the paver installation does not properly show the intent of the Detail. 7) The 4-inches dimension from the bottom of the sand to the top of the paver needs to be deleted.
- g. **Case 04-07 - Detail 404 - Water & Sanitary Sewer Separation Protection:** Steve Borst was not at the meeting. The members did not have any comments on the case.
- h. **Case 04-08 - Section 321.6.5 - Asphalt Cement Content & Section 321.6.6 - Air Voids:** There was a short discussion regarding the comments covered in last months meeting. In response, Bob Herz has no plans to expand on the present Case. Further changes as discussed in last months meeting could be addressed in a future case(s). Bob Erdman introduced a motion for a vote on the Case dated March 15, 2004. Brett Huskey seconded the motion. A vote of 7 yes, 0 no and 0 abstentions were recorded.
- i. **Case 04-09 - Section 758 - Reinforced Concrete Pressure Pipe - Steel Cylinder Type:** Pat Thurman was not present at the meeting. Tommy Thomas from Ameron provided a letter suggesting changes as a result of comments from last months meeting. The Committee review the suggested change and had no comments. Tommy Thomas will get with Pat Thurman to have a Case revised and resubmitted.
- j. **Case 04-10 - Section 321.8 - Measurements:** There was a short discussion on the Case regarding what significant digit(s) the asphalt should be measured. Doug Davis requested the calculations to the nearest ton. In response, Rod Ramos suggested to delete the words ", computed to the nearest 0.1 ton" from the current Specifications. Bob Erdman introduced a motion for a vote on the Case as amended by Rod Ramos. Jeff Van Skike seconded the motion. A vote of 7 yes, 0 no and 0 abstentions were recorded.
- k. **Case 04-11 - Detail (new) Utility Pothole Repair:** Pat Thurman was not present to discuss the Case. As noted in last month, Peter Kandaris forwarded the Case to their pothole contractor. The contractor has not responded. Southwest Gas has some written comments and will forward them to Doug Davis. Southwest would like to propose an alternate option for consideration. They would like to use a buried electronic device for determining compaction. They have found that is quite useful. Southwest was informed

to get their comments to Pat Thurman for consideration in the Case. Some of the members have questions regarding the use of Section 601 in the Detail. Also, the Detail will need to be modified to conform with current standard wording, e.g. 1) delete the letters "MAG," 2) change ABC slurry to CLSM, etc. Bob Erdman noted that the thickness of the AC should read 6-inches minimum or match existing which every is greater.

5. New Cases:

- a. **Case 04-12 - Section 750.3 - Joint Requirements:** Keith Kesti was not present to discuss the Case. Doug Davis reviewed AWWA C-111 for any conflicting wording between AWWA and the Case. He found none. John Barge of American Ductile Iron Pipe provided a short discussion on the AWWA Specifications. Paul Nebeker noted that nothing directly states that restrained joints are approved for use. The proposed Case only covers the Specifications for the joints. Rod Ramos requested wording be placed in the Case to require the manufacturer to provide test data proving the products acceptability as stated in AWWA. John Barge noted the suggested changes by the members and will get with Keith Kesti for resubmital of the Case.

6. General Discussion:

- a. Paul Ward reported that four agencies have submitted data on the installation of the truncated domes. He will have a presentation at the next meeting regarding the data collected.
- b. Paul Ward reported that MAG staff is considering obtaining the services of a consultant to study the agencies amendments to find common subjects and then propose possible Cases to be considered. If this Plan is adopted, the consultant should start next year. Paul Nebeker suggested that MAG be the central point for all agencies amendments and provide them for sale to the Contractors. Presently, five agencies have their amendments on the Internet. It was discussed that MAG could assist the remaining agencies to develop their amendments on web sites.
- c. Peter Kandararis reported that SRP is having difficulty in purchasing portland cement concrete. As a result, he informed the committee that backfilling of various street excavations may take longer than normal. They will be patching the excavations as soon as the ready-mix suppliers can provide the product. As a result, SRP has been forced to purchase more plates to cover their work sites. They have checked with other suppliers and the shortage seems to be a regional problem. Florida, California, the southwest, the north east, etc. are some other areas experiencing shortages. The Denver area does not have the problem.

7. Adjournment:

The meeting was adjourned at 3:45 p.m.