

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

March 7, 2001  
Maricopa Association of Governments Office, Ocotillo Room  
302 North First Avenue  
Phoenix, Arizona

VOTING MEMBERS

Barry Combs, Chandler	Stacy Caudell, Peoria
Mark Weiner, Gilbert	Jeff Van Skike, Phoenix (St. Trans.)
* Pat Thurman, Glendale	Roger Olsen, Phoenix (Water)
* David Ramirez, Goodyear	*Rod Ramos, Scottsdale
Ted Collins, MCDOT	*Andy Goh, Tempe
Doug Davis, Mesa	

ADVISORY MEMBERS

*James Pulice, Jr., AGC	*Jeff Benedict, ARPA
*Jim Grose, AGC	Peter Kandarlis, SRP Engineering
Paul Nebeker, UTCA	Sean Goris, ACEA
Tom Domizi, UTCA	

MAG ADMINISTRATIVE STAFF

Paul Ward

GUESTS/VISITORS

Steve Borst, Maricopa County Environmental Services Department-Waste & Water Mgt Div.  
Andy Terriey-City of Phoenix, Water Services

\*Members not attending or represented by proxy.

1. Call of Order

The meeting was called to order at 1:43 p.m.

2. Approval of Minutes

The members reviewed the minutes from the meeting of February 7, 2001. Ted Collins introduced a motion for

a vote on the minutes as written. Roger Olsen seconded the motion. A voice vote of all alyes and no nays were recorded.

3. 2000 Carryover Case:

- a. **Case 00-08-Sections 610.3, 630.4.2, 631.3.5 & 759-Steel Pipe:** In a subcommittee meeting on February 27, 2001, the most recent draft was review by the City of Phoenix and Ameron International. Phoenix and Ameron are not in agreement with the draft. To resolve the difference, the City of Phoenix will prepare an amendment to the case. This amendment will be written as if this draft was approved by the committee. The draft and Phoenix's amendment will be presented to the committee so that the committee can review both documents. The committee can then accept the case as written or can change the case to incorporate Phoenix's amendment. Phoenix estimates that the amendment will be ready for review by the May meeting.

4. 2001 Submitted Cases:

- a. **Case 01-01-Detail 120-20 Survey Marker:** There was no discussion on this case. Jeff Van Skike introduced a motion for a vote. Ted Collins seconded the motion. A vote of 6 yes, 0 no, 0 abstained with 4 members absent was recorded.

5. New Cases:

- a. **Case 01-02-Section 616-Reclaimed Water Line Construction:** Ted Collins submitted a case to revise Section 616. Steve Borst provided the background and discussion on the case. Steve along with several valley agencies are looking at the reclaimed water specifications. This is the first of several changes in the Specifications that they will be submitting for the Committee's action. This case will provide a basic update to the existing Section. The case has three main objectives: 1) Change the color of the pipe, 2) change the bacteria testing on the water lines and 3) change the types of materials acceptable for use in reclaimed water lines. Andy Terriey noted that the case only addresses reclaimed water in the public right-of-way. It does not address sprinkler irrigation systems on city or private property. These changes will be submitted at a later date.

Several members had questions and comments on the case. Doug Davis asked how the purple color was selected. ARS delegates DEQ and the ACC to select the colors to be used for marking the various utilities. As of this year ACC has officially designated the color purple for reclaimed waterlines. Paul Nebeker noted that the working on the tape being sold for reclaimed water line tape is not the same as specified in the case. Steve informed the committee that the working in the case if the official wording. There could be a case where the wording could be confused with other non-potable water lines. The wording in the case will eliminate any possible confusion. Sean Goris suggested that the word "or" be placed between each method to mark the reclaimed water lines (Section 616.4.1). This will emphasize that each marking will stand along. Other items discussed are as follows: The use of square water meter value boxes were discussed but rejected do to problems encountered in removing the lids. Value nuts be modified to require a slotted key rather than the square or box end keys. A bare copper wire be allowed in place of the detection tape.

Steve informed the committee that a seminar will be conducted in regards to the installation of reclaimed water lines. It will be held on April 2, 2001 at 1001 N Central Ave, Suite 150, Phoenix. It is open to any person concerned or involved with the installation of reclaimed water lines.

6. General Discussion:

- a. Doug Davis provided a letter from Hydro Conduit regarding changes to the reinforced concrete pipe. They are requesting the total amount of cementitious material (portland cement and fly ash) be reduced and the percentages of fly ash be increased to comply with AASHTO and ASTM. Pat Thurman discussed similar changes in the last meeting. Peter Kandarlis provided comments from last meeting in that higher amounts of fly ash will cause the concrete to achieve the design strength in a longer time. This may not be acceptable with the industry trying to speed installation of the pipe.
- b. Paul Ward informed the committee that the 2001 revisions should be ready to send to the printer today. MAG staff will be informing the members once they are ready for sale. Paul has not received the printing costs from the printer to determine the final price for the revisions but he believes that the total cost will be around \$15.00 to \$17.50 range.
- c. Jeff Van Skike noted that Section 401.6 requires the Agency to pay a minimum of 3 hours for each police officer when called. Several local agencies require payment of 4 hours. Jeff requested the other members to review their procedures and if enough members use the 4 hours, a change in the Specifications may be warranted.

Jeff has been approached by a company that provides manhole adjustment rings. The Company would like to have their product approved by the Committee. Phoenix has used the product in selected locations (residential streets and in the middle 2/3 of the street). The adjustment ring will allow the adjustment of the manhole lid without adjusting the ring. The minimum distance is 1-inch. Mesa as review but not accepted the use of the rings. When the surface of the street is re-profiled, the rings will not work. MCDOT expressed interest in the use of the rings.

- d. Mark Weiner asked if other agencies have used precast manhole bases and how have they worked. Several agencies have used them. Any long term problems has not been determined. The installation of the bases speed the overall installation of the storm/sewer line.

5. Adjournment:

The meeting was adjourned at 3:11 p.m.`