

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

April 5, 2000

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

VOTING MEMBERS

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

ADVISORY MEMBERS

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

MAG ADMINISTRATIVE STAFF

Paul Ward  
Laura Stegall

GUESTS/VISITORS

Roland L. Larkin, American Flow Control  
John H. Susie, American Flow Control

\* Members neither present nor represented by proxy.

1. Call to Order

The meeting was called to order at 1:32 p.m.

2. Approval of Minutes

The minutes for the meetings of February 2, 2000 and March 1, 2000 were reviewed by the members. Roger Olsen introduced a motion for a vote and Carl Doak seconded the motion. A voice vote of all ayes and no nays were recorded. The minutes were approved with no exceptions.

3. Submitted Cases:

- a. **Case 00-01 - Section 750.3 - Joint Requirements:** None of the members had questions or comments regarding this case. Roger Olsen introduced a motion to vote on the case and Carl Doak seconded the motion. The vote was 8 yes, 0 no, 0 abstained and 2 absent.
- b. **Case 00-02 - Section 630 - Reduced Wall Resilient Seated Gate Valves:** Roger Olsen provided a packet of material regarding the reduced wall resilient seated gate valves. The packet included a proposed revision to permit the use of the valves in the Specifications. John Susie of American Flow Control presented a video and answered various questions regarding the reduced wall (ductile iron) valves (AWWA C-515). John also provided a packet of information regarding the valves which included suggested wording for the Specifications. Some of the items discussed with Mr. Susie were as follows: The cost of the reduced wall valves are the same as the cast iron valves (AWWA C-509). The higher cost of manufacturing off sets the reduced amount of material used in the valve and the related shipping costs. The valve will withstand greater pressures and abuse than the cast valves. At the present time, American Flow Control is the only company that manufactures the valve. Two of their competitors will be in production within the next several months. American Flow has manufactured the valves for the last 10 years. There was some discussion regarding the 14-inch valve. Fourteen-inch valves are not included in the Specifications. Roger will review the Specifications and suggest modifications that will include the valves.
- c. **Case 00-03 - Detail - Speed Hump:** Following up on last month's request by Andy Goh, Doug Davis provided comments to the case. Other than the typical generic changes, Doug had two comments. The first was the length of the hump. The City of Mesa discovered that a 12-foot hump was too sharp for certain buses and elected to use a 14-foot hump. Andy asked for the design speed of Mesa's humps and the type of vehicle (bus) that the problem occurred. Doug did not have the information and will provide it at the next meeting. The second item was the milling of the existing asphalt. Mesa suggested to saw cut the asphalt for those cities that do not have a milling machine. Doug provided copies of the comments and Mesa's Hump Details (14 foot and 22 foot) to the members. The 22 foot humps are used on collector streets where fire stations are not far away. On streets with rolled curb, Stacy Caudell has experienced drivers jumping the curb and driving on the sidewalk and lawn to avoid the hump.
- d. **Case 00-04 - Detail - Standard Trench Plating Detail** - Following up on last month's request by Andy Goh, Doug Davis provided comments to the case. The comments were presented to the members in the form of a handout. Various items were discussed regarding the case. Note 1 was unclear to Mesa. Tempe interpreted the detail to mean the total time the plates will be permitted on the street. Several cities do not specify a time limit for Type B plates. The thickness of the plate in Note 3 should be a minimum of one inch and let Note 7 establish any extra thickness required for the plate. Additional discussion followed regarding each city's policies relating to the placement, costs, and criteria to install a hump.

4. New Cases:

- a. **Case 00-05 - Miscellaneous Corrections:** Ted Collins provided two miscellaneous blooper cases. The first 00-05 A - Table 601-2 - Change the foot mark to "mm" in the Backfill Type I, Location and deleting the foot mark in the title "From 600 mm . . .". Both items are in the Metric version. The second 00-05 B - Section 506.2, 2nd paragraph - Correct the spelling of "cubic" in the English version.
- b. **Case 00-06 - Detail 422 - Brick Sewer Manhole & Cover Frame Adjustment:** Ted Collins proposed a case to delete the asphalt concrete in the area of the manhole adjustments and raise the portland cement concrete collar to the surface of the street. Also, the class of the concrete was changed from B to A. Carl Doak suggested to place four contraction joints in the concrete, 90-degrees on center. After some discussion, the committee recommended the class of concrete be changed to AA. Also, the committee recommends to include valve adjustment in the case.

5. General Discussion:

- a. Paul Ward discussed the next step in the English electronic Details. Staff members completed the editing of the Metric version. Copies will be sent to members who request a copy for their review and comments.
- b. Jeff Benedict discussed possible changes to Section 710. Jeff would like to see a commercial asphalt mix be added to the specifications. The gradation of the mix would be close to the old C-3/4 MAG mix. Several of the local designers are having problems with choosing the correct asphalt mix. Most of the designers know little about the subject. Jeff was requested to read the last paragraph in Section 710.1 regarding the placement of each type of asphalt mix. Based on the discussion that followed, several of the members were not in favor of the changes.

5. Adjournment:

The meeting was adjourned at 3:00 p. m.