

January 23, 2007

TO: Members of the MAG Specifications and Details Committee

FROM: Robert Herz, Maricopa County DOT, Chairman

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF AGENDA

Wednesday, February 7, 2007 at 1:30 p.m.
MAG Office, Second Floor, Cholla Room
302 North First Avenue, Phoenix

The meeting of the MAG Specifications and Details Committee will be held at the place and time indicated above. The agenda for the meeting is provided below. **Please park in the garage under the building. Bring your ticket to the meeting, parking will be validated. For those using transit, the Regional Public Transportation Authority will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.** Please call me at (602) 506-4760 if you have questions about the upcoming meeting.

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AGENDA

<u>ITEM</u>	<u>COMMITTEE ACTION REQUESTED</u>
1. <u>Call to Order</u>	1. No action required.
2. <u>Approval of Jan 3, 2007 Meeting Minutes</u>	2. Corrections and approval of Jan 3, 2007 minutes.
3. <u>2006 & 2007 Cases</u>	3. Review of pending cases and submission of new cases for consideration.
4. <u>General Discussion</u>	4. For information and discussion.
5. <u>Adjournment</u>	5. No action required.

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

January 3, 2007

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

AGENCY MEMBERS

Jim Badowich, Avondale	Fred Rostam for Kelly Jensen, Mesa
Steven Borst, Buckeye	Jesse Gonzalez, Peoria
David Fern, Chandler	Jeff Van Skike, Phoenix (St. Trans.)
Mark Weiner, Gilbert	Jan Erickson, Phoenix (Water)
* Greg Rodzenko, Glendale	Rodney Ramos, Scottsdale
* Tom Vassallo, Goodyear	Bill Toon for Don Moseley, Surprise
Bob Herz, MCDOT, Chairman	James Bond, Tempe

ADVISORY MEMBERS

Stew Waller for John Ashley, ACA	Don Green, ARPA
Jeff Benedict, AGC	Paul R. Nebeker, Independent
Brian Gallimore, AGC	William Ast, NUCA
Peter Kandaris, SRP, Vice Chairman	Dale Phelan, NUCA
Don Cornelison, ARPA	

MAG ADMINISTRATIVE STAFF

Gordon Tyus

* Members not attending or represented by proxy.

GUESTS/VISITORS

Christine Fiori, AZ Flash, LLC
Aaron Avery, AZ Flash, LLC
Ward Gilbert, Gilbert Plumbing
Baldemar Marciales, Surprise

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:35 p.m.

2. Approval of Minutes

The members reviewed the September 9, 2006 meeting minutes. Jesse Gonzalez introduced a motion to accept the minutes as shown. Jeff Van Skike seconded the motion. A voice vote of all ayes and no nays was recorded.

3. Update on Specifications and Details Inventory

Christine Fiori provided an update on the project, noting that Task 1 (document inventory) and Task 2 (collection of agency supplements) were complete. A summary table was handed out identifying the information available from each agency. Ms. Fiori said that the work on Task 3 (document review and analysis) was ongoing. All supplemental details had been cataloged but supplemental specification still needed to be finished. AZ Flash is still in the process of collecting electronic versions of supplemental specifications from a number of agencies. A draft of the supplemental detail catalog was handed out to the committee for review and comment. There was a discussion on the scope of Task 4 deliverables (recommendations), with a general consensus from the members that AZ Flash provide as much detail as they deem necessary based on their review of the catalog work. The final product will be provided to all members in electronic format, with paper format provided to those members who make specific requests.

4. 2006 Cases (old cases)

- a. **Case 06-04 – Reduced cement content for Reinforced Concrete Pipe (RCP) mixes, Section 735** (Revisions to Section 735 to eliminate the minimum fly ash and cement requirement). David Fern summarized the objections to the proposed changes from the last meeting and proposed to perform additional investigation on the impacts of the reduced cement content. Stew Waller provided a supplier's perspective on the subject.

5. 2007 Cases (new cases)

No new cases were introduced for discussion. A submittal of Detail 535 CATCH BASIN TYPE 'F' was submitted at the close of the meeting. The submittal is attached and shall be designated as Case 07-01A Miscellaneous Bloopers. The wall thickness shown in the isometric view and Section A-A are conflicting.

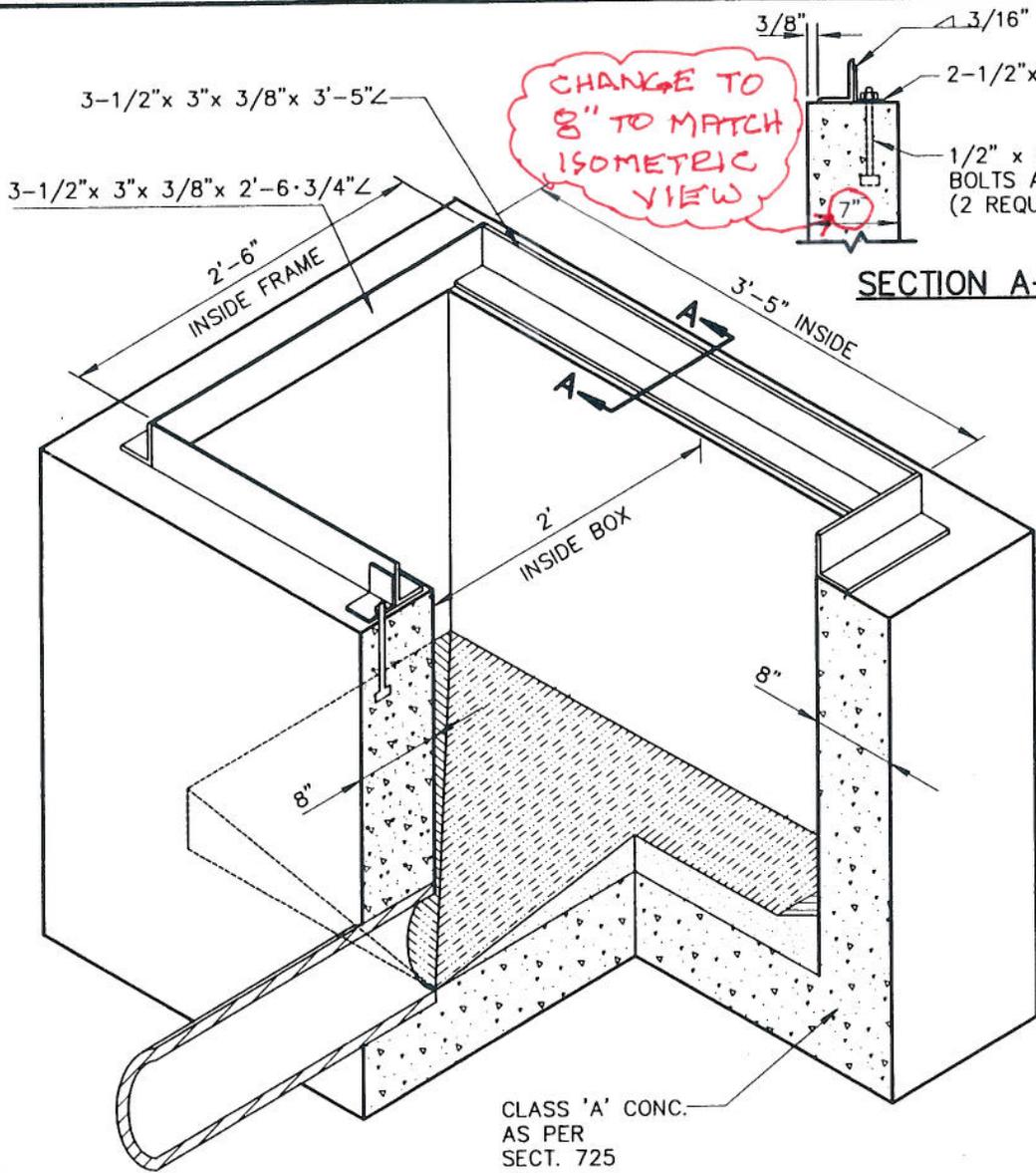
6. General Discussion:

- a. Paul Nebeker provided a discussion on the new fire code in relation to MAG hydrant details, stating that the code specifies the height above grade of the hydrant coupler while MAG details specify the height above grade of the break-off flange. Mr. Nebeker said that he would look into submitting a case on this issue.

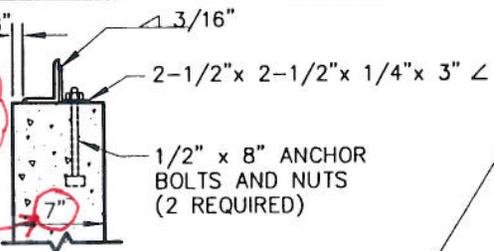
- b. Don Green noted that he would be submitting modifications to the asphalt pavement specifications this year. MAG Section 710 proposed revisions would be ready for submittal at next month's meeting.
- c. The committee discussed supplemental specifications that are being developed within individual agencies. Members were encouraged to submit proposed MAG revisions to the committee to help keep the MAG standards current and also to obtain feedback from industry and other agencies. This would benefit the originating agency as well as other agencies.
- d. The committee discussed the need for a return-type driveway detail that would be ADA compliant. It was noted that a number of member agencies have already developed details for this purpose and that a case should be prepared to include this as a MAG document.
- e. Gordon Tyus noted that the 2007 revisions to the MAG Specifications and Details are printed and now available for purchase. The price remains the same as last year, \$10 per update copy. Electronic versions have been updated on the MAG web site. Full books would also be available as of Monday, January 8th.
- f. James Bond asked members to comment on MAG cast iron manhole cover details that allow two weight options, but MAG specifications only allow use of the heavier cover. After discussion it was noted by the members that the details probably need to be revised to only allow the heavier option. It was noted that manufacturers should also be consulted on the constructability of the heavier covers to insure that they are available.

7. Adjournment:

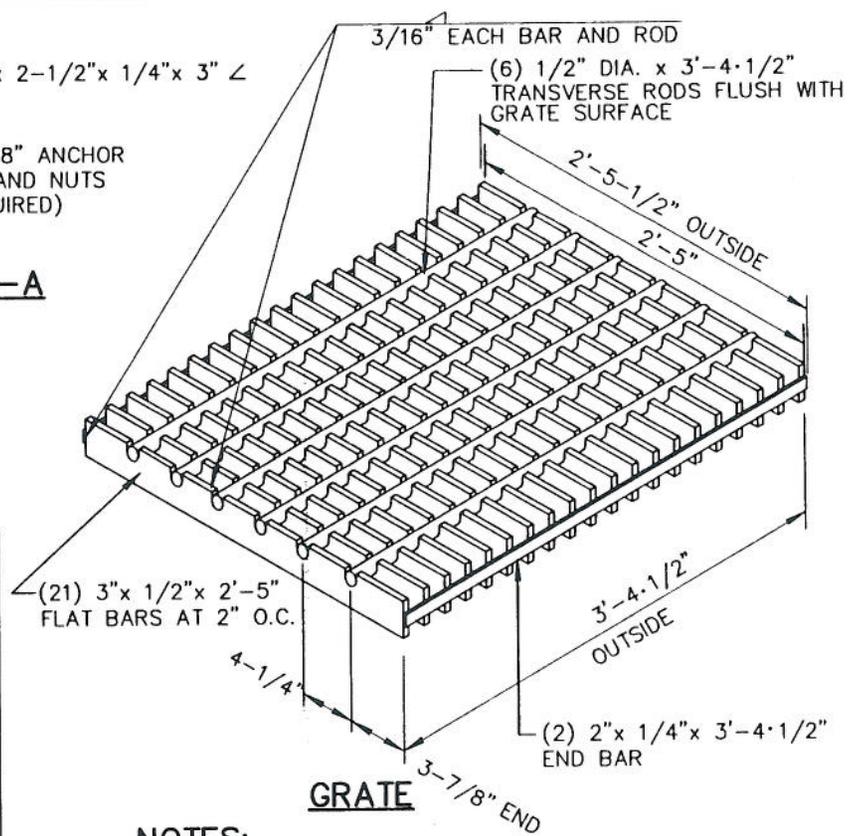
The meeting was adjourned at 2:20 p.m.



CHANGE TO 8" TO MATCH ISOMETRIC VIEW



SECTION A-A



GRATE

NOTES:

1. PIPES MAY ENTER OR LEAVE ANY WALL. BOTTOM OF BOX TO BE SLOPED TO OUTLET PIPE FROM ALL DIRECTIONS AND TROWELLED TO A HARD SMOOTH SURFACE.
2. CONNECTION PIPES MAY BE PLACED IN ANY POSITION AROUND THE WALLS PROVIDED THE POSITION IS CONSISTENT WITH THE PLAN.
3. OUTLET PIPE SHALL BE TRIMMED TO FINAL SHAPE AND LENGTH BEFORE CONCRETE IS POURED.
4. ALL STRUCTURAL STEEL TO BE PAINTED ONE SHOP COAT OF NO. 1 PAINT AND TWO FIELD COATS OF NO. 10 PAINT AS PER SECT. 790.
5. ALL WELDS ON FRAME AND SIDE BARS ON GRATE SHALL BE FULL LENGTH OF JOINT.

NOTE:
CONSTRUCT BOX AS PER CATCH BASIN TYPE 'E'
(LOWER PORTION ONLY).

DETAIL NO.
535



STANDARD DETAIL
ENGLISH

CATCH BASIN TYPE 'F'
(FOR USE WITHOUT CURB)

REVISED

DETAIL NO.
535