

April 24, 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, May 2, 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 April 11, 2007 Meeting Minutes</u>	2. Corrections and approval of April 11, 2007 minutes.
3. <u>2006 &amp; 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

April 11, 2007

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

AGENCY MEMBERS

Jim Badowich, Avondale	Jesse Gonzalez, Peoria
* Steven Borst, Buckeye	Jeff Van Skike, Phoenix (St. Trans.)
David Fern, Chandler	Jami Erickson, Phoenix (Water)
* Mark Weiner, Gilbert	Gerald Wright, Queen Creek
* Greg Rodzenko, Glendale	Rodney Ramos, Scottsdale
* David Ramirez, Goodyear	* Don Moseley, Surprise
Bob Herz, MCDOT, Chairman	James Bond, Tempe
Kelly Jensen, Mesa	

ADVISORY MEMBERS

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

MAG ADMINISTRATIVE STAFF

Gordon Tyus

\* Members not attending or represented by proxy.

GUESTS/VISITORS

John Shi, MCDOT

1. Call to Order

Chairman, Bob Herz, called the meeting to order at 1:36 p.m.

2. Approval of Minutes

The members reviewed the March 7, 2007 meeting minutes. Kelley Jensen introduced a motion to accept the minutes as written. John Ashley seconded the motion. A voice vote of all ayes and no nays was recorded.

3. 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. The committee had no discussion on this item.

4. 2007 Cases (new cases)

a. **Case 07-01A – Miscellaneous Corrections:** Dimension correction to Detail 535 catch basin type “F”. Revised detail was handed out that included a note referencing basin bottom thickness and slope per Detail 534-1 (see attached). Rod Ramos said that grate outside dimension tolerances were excessive and should be reduced to ¼-inch to improve fit. Dale Phelan noted that it may be easier and less costly to change the frame instead of the grate. Paul Nebeker stated that he would check with a local manufacturer on the difficulty in making any of the changes discussed and get back to the committee on his findings.

b. **Case 07-01B – Miscellaneous Corrections:** Drafting correction to Detail 222 single curb. The committee had no discussion on this item.

c. **Case 07-01C – Miscellaneous Corrections:** Typographic correction to Section 105.5 titled “Cooperation of Contractor”. The committee had no discussion on this item.

d. **Case 07-02 – Revisions to Asphalt Concrete, Section 710:** Major re-writes of Asphalt Concrete materials Section 710 as proposed by the Asphalt Paving Technical Committee (APTC). Tom Kennedy and Adrian Green stated that the APTC was in the process of finishing modifications to Section 321 so that all changes to Section 710 (specifically portions had been moved from 710 to 321) would be easily identified. The APTC planned to meet on Friday, April 13<sup>th</sup> to finalize modifications and planned to have changes ready for review by next month’s committee meeting.

e. **Case 07-03 – PVC Catch Basins, Proposed New Details 535-2, 535-3, 537-2, 539-2, 542-1 through 4, and 543-1 through 5:** Dale Phelan provided updated details that included more material and dimension information. After a discussion, Dale stated that he would include more detailing, materials and backfill references on the drawings, but did request that members review the details as handed out and provide comments for the next meeting.

f. **Case 07-04 – Revision to Water Service Taps, Section 631.3.5:** Removing requirements for insulation of copper service pipe at corporation stops with dielectric

insulators. Jami Erickson reported back to the committee that she had verified that new light rail construction was following the insulation requirements of the section. It was suggested that this requirement be reworded so that agencies could specify whether the requirement applied to specific projects. Jesse Gonzalez said that he would provide the committee a modification of a City of Phoenix supplemental detail for service installations that would show the insulation installation. This detail could then be included in the MAG specifications and Section 631.3.5 could be written to allow agencies the option of using it for their work.

g. **Case 07-05 – Revision to Fire Hydrant Installation, Detail 360:** Add a new note to allow the use of joint restraint systems along with thrust blocks. It was noted that any change to delete CIP would require a search of the sections and details to find any possible cross-references. The committee also agreed to continue reviewing elimination of thrust blocks in lieu of joint restraint systems and consult with city fire departments on this issue prior to making the change.

h. **Case 07-06 – Revision to Section 104, Scope of Work:** Add order of precedence for contract documents and eliminate gender-specific wording. A number of members noted that they have additional sections (such as General Conditions and Technical Specifications) identified in contract documents that may need to be included in the order of precedence. Members were requested to review their internal contract documents and be ready to discuss any additions for the next meeting.

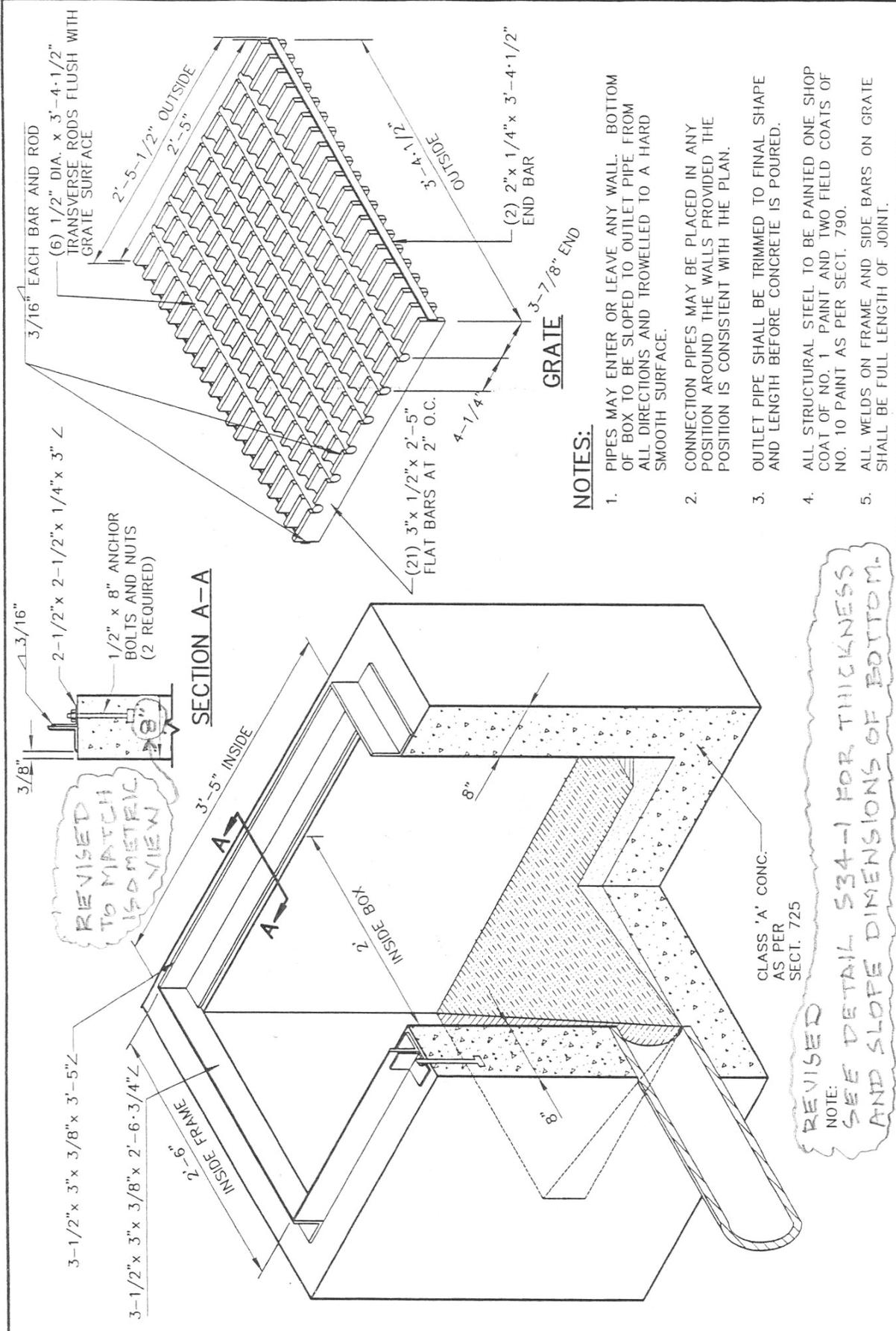
i. **Case 07-07 – Revision to Section 109, Measurements and Payments:** Clarification of language when duplicate Weighmaster's Certificates are to be provide to the Engineer, clarification on payment rate calculations, and references state statutes that govern retention. Bob Herz noted that he was in the process of researching the ADOT payment rate factor to find out how frequently it changes. This would help determine if a specified number should be noted in the MAG section or if there should just be a reference to the latest values per ADOT.

5. General Discussion:

The committee had no discussion items.

6. Adjournment:

The meeting was adjourned at 2:49 p.m.



**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.

DETAIL NO. <b>535</b>	STANDARD DETAIL ENGLISH	CATCH BASIN TYPE 'F' (FOR USE WITHOUT CURB)	REVISIONS	DETAIL NO. <b>535</b>
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