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March 8, 2004

TO: Members of the MAG POPTAC Ad Hoc Subcommittee

FROM: Harry Higgins, Scottsdale, Chairman

SUBJECT: TRANSMITTAL OF MEETING NOTICE AND TENTATIVE AGENDA

Tuesday, March 16, 2004 - **9:00 a.m.**
MAG Office, Suite 200, Saguaro Room
302 North 1st Avenue, Phoenix

A meeting of the MAG Population Technical Advisory Committee (POPTAC) Ad Hoc Subcommittee will be held at the time and place noted above.

Members of the POPTAC Ad Hoc Subcommittee may attend either in person, by telephone conference call or by videoconference. To videoconference to the meeting, prior arrangements need to be made with Heidi Pahl at MAG and or your site coordinator. Those attending by telephone conference call are requested to call 602-261-7510 between 8:55 a.m. and 9:00 a.m. After prompting, please enter the meeting ID number 767822 (POPTAC) on your telephone key pad followed by the pound sign. If you have a problem or require assistance, please dial 0 after calling the number above.

If you are driving, please park in the garage under the Compass Bank building. Bring your ticket to the meeting and marking will be validated. For those using transit, the RPTA will provide transit tickets for your trip. For those using bicycles, please lock your bicycle in the bike rack in the garage.

Please be advised that under procedures approved by the MAG Regional Council on June 26, 1996, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership or 4 people for the MAG POPTAC. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. If you have any questions or need additional information, please contact Anubhav Bagley at (602) 254-6300.

TENTATIVE AGENDA

1. Call to Order

2. Call to the Audience

An opportunity will be provided to members of the public to address the MAG POPTAC on items not scheduled on the agenda that fall under the jurisdiction of MAG, or on items on the agenda for discussion but not for action. Members of the public will be requested not to exceed a three minute time period for their comments. A total of 15 minutes will be provided for the Call to the Audience agenda item, unless the Chair of the POPTAC requests an exception to this limit. Please note that those wishing to comment on action agenda items will be given an opportunity at the time the item is heard.

3. Approval of Meeting Minutes of September 23, 2004

4. Enhancements to the Population Estimates Process

In February two special meetings of the DES Methodology Subcommittee were held to discuss enhancements to the population estimates process. At the March 5, 2004 DES POPTAC methods and data for developing state and county estimates of resident population were discussed. MAG staff will provide a status report.

5. Adjournment

SUBCOMMITTEE ACTION REQUESTED

2. For information.

3. Review and approve meeting minutes of September 23, 2003.

4. For information and discussion.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
POPULATION TECHNICAL ADVISORY COMMITTEE ADHOC SUBCOMMITTEE

September 23, 2003
MAG Office, Suite 200, Cholla Room
302 North 1st Avenue
Phoenix, Arizona

MEMBERS IN ATTENDANCE

Harry Higgins, Scottsdale, Chairman
Penny Colo-Goff for Tim Tilton, Phoenix
David de la Torre, Chandler
Ryan Levesque, Tempe
Ron Short, Glendale

Tom Ellsworth, Mesa
* Tim Bolton, Peoria
*Matt Holm, Maricopa County
*Adrian Williamson, Avondale

*Those members neither present nor represented by proxy.

OTHERS IN ATTENDANCE

Anubhav Bagley, MAG
Don Worley, MAG
Sam Andrea, Chandler

Rita Walton, MAG
Seth Paine, MAG

1. Call to Order

Chairman Harry Higgins called the meeting to order at 8:40 a.m.

2. Approval of Minutes of March 25, 2003

It was moved by David de la Torre, seconded by Ron Short and unanimously recommended to approve the meeting minutes of March 25, 2003.

3. Preparation of July 1, 2003 Maricopa County Resident Population Update

Anubhav Bagley presented to the Subcommittee information that had been made available to MAG staff at the last Arizona Department of Economic Security (DES) State Population and Technical Advisory Committee meeting on September 12. Anubhav explained that the population updates are used to distribute \$23 million annually in lottery funds, to prepare financial plans, to determine municipal per capita water use targets and to set expenditure limitations where necessary. At the September 12, 2003 meeting of the DES POPTAC, the draft July 1, 2003 population updates for the State of Arizona and its counties were distributed for review and discussion.

Anubhav Bagley distributed a chart explaining the method used by DES. Estimates are prepared at the State and County levels and two methods, namely the Composite and the Housing Unit Method (HUM) used for each level. At the State level, the Composite method with a 20 percent weight uses data on school enrollment, licensed drivers and Medicare

recipients. The HUM method with an 80 percent weight estimates the population based upon a count of current housing units and occupancy and persons per household rates at the County level from Census 2000. Similar methods and weights are used at the County level for the estimate, except that the population in the 18 to 64 age group is estimated using a vital rates ratio approach. Mr. Bagley discussed each of these methods in detail. He explained that in their review MAG staff had concerns regarding the data used in the Composite method. The school enrollment and Medicare data used was from 2001-2002. He also expressed concern about the consistency of data and the methodology used to estimate the variables in the Composite method.

Mr. Bagley explained, that MAG staff supported the use of two methods to estimate population. Since there were data issues and not enough time to review the methodology and data, MAG staff recommended using just the HUM method to estimate the population this year. It should be recommended to DES State POPTAC to further examine current data sources and its estimates methodology for next year. Using the HUM method the 2003 resident population for Arizona is estimated to be 5.6 million. For Maricopa County, the 2003 population is estimated at 3.4 million.

Harry Higgins asked how the Composite and HUM methods have compared in the past? Rita Walton explained that in the last two years, DES had used just the HUM method. In 2003, the two methods have very similar numbers.

Harry Higgins inquired about possible improvements in the Composite method. Anubhav Bagley explained that school enrollment and Medicare recipients data should use a ratio approach to estimate population in the less than 18 and above 64 age groups. Using raw data could mean not counting children in the less than 4 years age group. Similarly, for estimating the 18 to 64 years age population, the data collected from the Motor Vehicle Department needs to be checked for consistency. It is important to make sure that the license data does not double count people with more than one drivers licenses.

Rita Walton added that in 2005 the DES population estimates could be used for state shared revenue and that these numbers must be based upon solid data and methodology.

David De La Torre asked which method is used for sub-county estimates. Rita Walton explained that the DES HUM numbers for the County are used as the control for the sub-county population estimates. The difference in the use of occupancy rates and persons per household by jurisdiction by unit type requires a benching at the County level.

It was moved by Ron Short, seconded by Penny Colo-Goff and unanimously approved to recommend to MAG POPTAC to:

- Recommend to DES that they only use the Housing Unit Method this year and that State POPTAC reviews its methodology for the composite method for next year.
- Recommend approval of the July 1, 2003 Maricopa County Update provided that it is within one percent of 3.4 million in the final update.

4. Preparation of July 1, 2003 Municipality Resident Population Updates

Rita Walton explained that MAG staff have drafted July 1, 2003 Municipality Updates using a County Control Total of 3.4 million. This control total is used as a benchmark for municipality population updates. The Municipality updates are based upon the residential completions collected by MAG from all member agencies. Ms. Walton further explained that the occupancy rates and persons per household used were by unit type by municipality. The final numbers were benched to the 3.4 million county control discussed in the previous agenda item. MAG staff recommends the approval of the July 1, 2003 Municipality Resident Population Updates provided they are within one percent of 3.4 million people in the final update.

Ryan Levesque mentioned that Tempe contested the U.S. Census Group Quarters totals. Harry Higgins suggested that if the Bureau of the Census accepts Tempe's Group Quarter totals, Tempe would be reimbursed for lost shared revenue retroactively to 2000. Rita Walton recommended that Tempe notify DES of the challenge and discuss with them regarding any updates.

Harry Higgins inquired about the deadline for a Census challenge. Rita said that she would find out after the meeting and get back to the committee.

A motion was made by Ron Short, seconded by Ryan Levesque and unanimously agreed to recommend to MAG POPTAC to recommend approval of the July 1, 2003 MAG Municipality Updates provided that they are within one percent of the final update.

5. Population Options for 2005

Anubhav Bagley informed the subcommittee that printed information on Population Options for 2005 was provided to MAG POPTAC Ad Hoc Committee members in their agenda packets. Since Mr. Harry Wolfe was not at the meeting, discussion was deferred to the full MAG POPTAC where Mr. George Petit would make a presentation to the POPTAC.

The meeting adjourned at 9:10 a.m.