

August 5, 2015

TO: Members of the MAG Street Committee

FROM: Maria Angelica Deeb, Mesa, Chair

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, August 11, 2015 - 1:00 p.m.
MAG Office, Suite 200, Ironwood Room
302 North First Avenue, Phoenix

The next meeting of the MAG Street Committee will be held at the time and place noted above. Committee members or their proxies may attend in person, via video-conference or by telephone conference call. Those attending by video conference must notify the MAG site three business days prior to the meeting. Those attending by telephone conference please contact MAG offices for conference call instructions.

Pursuant to Title II of the Americans with Disabilities Act (ADA), MAG does not discriminate on the basis of disability in admissions to or participation in its public meetings. Persons with a disability may request a reasonable accommodation, such as a sign language interpreter, by contacting Jason Stephens at the MAG office. Requests should be made as early as possible to allow time to arrange the accommodation.

The next meeting of the MAG Street Committee will be held at the time and place noted above. If you have any questions or need additional information, please contact Teri Kennedy or Steve Tate at (602) 254-6300.

TENTATIVE AGENDA

	<u>COMMITTEE ACTION REQUESTED</u>
<p>1. <u>Call to Order</u></p> <p>For the August meeting, the quorum requirement is 13 committee members.</p>	
<p>2. <u>Introductions and Attendance</u></p> <p>An opportunity for new members to introduce themselves and record member attendance at the meeting will be provided.</p>	2. For information.
<p>3. <u>Approval of the June 9, 2015 Meeting Minutes</u></p>	3. Review and approve the minutes from the June 9, 2015 meeting.
<p>4. <u>Call to the Audience</u></p> <p>An opportunity will be provided to members of the public to address the Street Committee 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 Street Committee 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.</p>	4. For information.
<p>5. <u>Transportation Programming Manager's Report</u></p> <p>The MAG Transportation Programming Manager will review recent transportation planning activities and upcoming agenda items for MAG Committees and other related regional transportation activities. Please see attachment for the AZ LTAP training schedule.</p>	5. For information and discussion.
<p>6. <u>MAG Spine Study</u></p> <p>In partnership with the Federal Highway Administration and the Arizona Department of Transportation, MAG is developing a master plan study of Interstate 10 and Interstate 17. The</p>	6. For information and discussion.

Study will examine long-term mobility options, including transit options, and will produce a detailed strategy to manage traffic along the I-10 and I-17 corridors through 2040.

At the meeting MAG staff will brief the Committee on the Study.

7. El Mirage Road Improvements

Over the next few years El Mirage Road will be reconstructed from Northern to Grand and Thunderbird Road from 127th to El Frio, ADOT will reconfigure Thunderbird to improve the connection with US 60 and reconstruct the frontage road up to Greenway, and Northern Parkway will be constructed at the south end of the city.

At the meeting City of El Mirage staff will brief the Committee on the project.

8. Rio Salado Pathway

The City of Phoenix's Rio Salado Pathway project between 24th Street and the I-10/Tempe Drain provides a safe, recreation non-motorized connection to the amenities within and along the Salt River, promoting alternative modes of transportation, and ultimately connecting to a regional pathway system.

At the meeting, City staff will brief the Committee on the project.

9. Scottsdale's Northsight Roundabout

The multi-lane roundabout at Northsight Boulevard and Hayden Road is Scottsdale's first arterial roundabout and was opened to the public in January 2014. The presentation will provide project background and a approval and operational analysis summary.

7. For information and discussion.

8. For information and discussion.

9. For information and discussion.

10. Development of FY2017-2021 Transportation Improvement Program and the August Call For Projects

MAG is underway with the development of the FY 2017-2021 Transportation Improvement Program (TIP) and the August 2015 Call For Projects. A general overview of the types of applications that the Street Committee will be evaluating and general technical criteria will be discussed. Applications include Congestion Mitigation and Air Quality Improvement Program (CMAQ) Paving of UnPaved Roads, PM-2.5 Congestion Mitigation and Air Quality Improvement Program (CMAQ-2.5) Paving of UnPaved Roads, CMAQ funded FY 2016 PM-10 Street Sweeper, and Surface Transportation Program FY 2020 Arterial-Bridge projects (limited area).

An overview of the programming process will be discussed. Please see attachments a, b and c.

11. Request for Future Agenda Items

Topics or issues of interest that the Street Committee would like to have considered for discussion at a future meeting will be requested.

12. Member Agency Update

This section of the Agenda will provide Committee members with an opportunity to share information regarding a variety of transportation-related issues within their respective communities.

13. Next Meeting Date

The next regular Street Committee meeting will be scheduled for Tuesday, September 9, 2015 at 1:00 p.m. in the MAG Offices, Ironwood Room.

Adjournment

10. For information and discussion.

11. For information and discussion.

12. For information and discussion.

13. For information.

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
STREET COMMITTEE

Tuesday June 9, 2015 1:00 p.m.
MAG Offices, Suite 300,
302 North First Avenue, Phoenix, Arizona 85003

MEMBERS ATTENDING

Maria Angelica Deeb, Mesa, Chair	Mike Gillespie for Julius Diogenes, Litchfield – Park
Chris Hauser, El Mirage, Vice Chair	* James Shano, Paradise Valley
Susan Anderson, ADOT	Jenny Grote, Phoenix
* Emile Schmid, Apache Junction	# Scott Bender, Pinal County
* Paul Lopez, Avondale	Ben Wilson, Peoria
* Jose Heredia, Buckeye	# Janet Martin, Queen Creek
Warren White for Dan Cook, Chandler	Jennifer Jack, Salt River Pima-Maricopa Indian Community
@Romare Truely for Aryan Lirange, FHWA	* Phil Kercher, Scottsdale
# Morris Taylor for Wayne Costa, Florence	# Suneel Garg for Dana Owsiany, Surprise
Tim Oliver, Gila River Indian Community	German Piedrahita, Tempe
* Greg Smith, Gilbert	* Jason Earp, Tolleson
Purab Adabala for Bob Darr, Glendale	# Grant Anderson, Youngtown
# Hugh Bigalk, Goodyear	
* Bill Fay, City of Maricopa	
* Laurie A. Santana, Maricopa County	

* Members neither present nor represented by Proxy
Members attending by phone
@Ex-officio member, non voting member

OTHERS PRESENT

Eileen Yazzie, Phoenix	David Massey, MAG
John Bullen, MAG	Tim Strow, MAG
Dean Giles, MAG	Stephen Tate, MAG
Teri Kennedy, MAG	

1. Call to Order

Chair Maria Deeb called the meeting to order at 1:03 p.m.

2. Introductions and Attendance

A roll call of members attending the meeting was conducted. The following member agencies were not represented at the meeting: Apache Junction, Buckeye, Gilbert, Maricopa, Maricopa County, Paradise Valley, Scottsdale and Tolleson.

3 Approval of the April 14, 2015 Meeting Minutes

Ms. Jenny Grote moved the approval of the minutes. Vice Chair Chris Hauser seconded the motion. The motion carried unanimously.

4 Call to the Audience

Chair Maria Deeb read the request contained in the agenda for public participation.

No member of the audience requested to speak before the Committee.

5. Transportation Programming Manager's Report

Ms. Teri Kennedy briefed the Committee. She noted that funding for the federal surface transportation act - MAP-21- had been continued by the Congress through July, 2015. MAG is collecting a contingency list for the ALCP, should funding estimates improve. It is anticipated that the conformity analysis will go forward. The ALCP Policies and Procedures, and the Federal Fund Programming Guidelines that had been previously reviewed by the Committee were approved by the Regional Council at its last meeting.

On May 5th, ADOT released a call for HSIP funded projects. MAG has sent a notice to member agencies.

MAG has sent notice of the award of contingency funding for street sweepers. The agencies to receive additional sweepers include: Maricopa, Chandler, Scottsdale and Pinal County. MAG has also obtained a new list of certified sweepers from the South Coast Air Quality Management District.

Ms. Kennedy then introduced Mr. German Piedrahita. Mr. German Piedrahita is the new member representing Tempe.

MAG will be releasing the Programming Guidebook and a call for projects in the first week of August. Applications for the design assistance program have been released and are due Monday, June 29, 2015 at 10:00 AM.

6. MAG Freight Plan Kick Off

Mr. Tim Strow briefed the Committee. He indicated that MAG will be kicking off a major freight study in the next month and that the Committee input is needed to insure that items of interest are included in the study. He noted that the study builds off prior studies. The new study builds off the 2010, Freight Transportation Framework Study with CAG and PAG. This

was a very high level study of freight movement within the Sun Corridor along I-10. The main recommendation of the study was that MAG needs to develop a freight plan for the region.

The new study will focus on the MAG region and, in particular, on the I-10 corridor and major distribution centers. It will include analysis of access problems shippers experience on local agency streets getting to and from final destinations and will include an analysis of over weight vehicles. The study will also identify potential projects for funding.

This study will dovetail into the State freight plan that will be at a very high level. The State does have a State freight advisory group that the members are free to participate in.

Mr. Ben Wilson asked if MAG could look at Class C overloaded freight vehicles. He noted that the freeways system often cannot accommodate these vehicles due to the height of freeway overpasses for these loads to be carried on member agency roadways.

Mr. Strow noted that the MAG study will touch on the issues a little, but that MAG will need to address the issue in a separate study.

Mr. Grant Anderson asked what the relationship will be between this study and the Spine Study. Tim indicated that they are coordinating closely with the Spine Study.

Mr. Anderson asked if the freight study will affect debate about the South Mountain. Mr. Strow indicated that the study will focus primarily on I-10 and is not expected to impact the debate over South Mountain.

Chair Deeb noted that it is desirable to control freight movements in residential and downtown areas and asked what the horizon year for the study would be. Mr. Strow indicated that the horizon year for the study has not yet been set and that he shared her belief about the desirability of controlling freight movements in downtown and residential areas and that the study would specifically address the issue.

7. Air Quality Overview of the Evaluation Process for Congestion Mitigation and Air Quality Improvement (CMAQ) Program, Paving of Un-Paved Road Projects, and PM-10 Street Sweeper Applications

Ms. Kennedy introduced the topic. She noted that the topic impacts the funding applications that will be released in August.

Mr. Dean Giles briefed the Committee. He noted that the call for projects will include street sweepers, ITS, paving and bicycle and pedestrian projects. He noted that CMAQ funding is targeted to attain or maintain air quality standards. MAG develops a CMAQ score for programming projects.

Projects should be presented in sufficient detail to allow for air quality evaluation. MAG has recently evaluated the CMAQ scoring methodology and it was found to be more sophisticated than those used elsewhere in the Nation. The methodology calculates emission

reductions using EPA models and equations for the year the project is going to be open. The methodology includes seasonal adjustments and weights for pollutants based on attainment status. Cost values in the methodology include a capital recovery factor and the final resulting measure is cost per metric tone of reduced pollutant.

Eligible street sweepers are those listed for the South Coast Air Quality Management District Rule 1186. Applications may be made to purchase new sweepers and to replace old sweepers. MAG requires one of the following to replace a sweeper: eight years or more in service, 12,000 hours of service or 96,000 miles of operation.

He then stepped them through an example calculation. The calculation reflected the lane miles to be swept, its location and specific features of the sweeper. It included a capital recovery factor and costs used in the final score.

For paving the type of paving, the roadway surface, traffic volume, number of access points paved and location are all important in the CMAQ calculation. He then showed an example calculation.

8. Review of Previous Applications Used to Select Paving Projects and PM-10 Street Sweepers

Ms. Kennedy provided a brief overview of the upcoming call for projects. The call will be for projects to be programmed in FY 2018, FY 2019 and FY 2020 and will include ITS, paving, bicycle and pedestrian and Pinal County area STP projects. The call for street sweepers will be for FY 2016. This will be the last call for ITS projects as no additional funding is available for ITS projects after FY 2020.

The call for projects will occur in August and will include a work shop and two open time slots for applicants to discuss their applications. All projects will need to complete the ADOT administered, Federal Highway Administration design and clearance process by June 1st of the year they are programmed.

Mr. Tate then stepped the Committee through the street sweeper applications and asked whether the questions were adequate and reasonable.

Ms. Deeb suggested that the sweeping application be strengthened to better identify eligible cost items. She cited warranties and sales taxes as an examples.

Mr. Tate then stepped the Committee through the paving application. He noted that MAG will try to schedule a site visit for each application. There were no questions.

9. Review of Functional Classification for New Roadways Added Since 2004

Mr. Tate briefed the Committee. He noted that the update will focus on arterial streets. He indicated that few roadways had been functionally classified since 2004 and classification to major collector or above is an eligibility requirement for STP funding.

He went on to compare the MAG model network against the current federal functional classification network. Highlighted a number of roadways in the MAG model network indicating that many of them clearly function as arterial roadways.

He concluded by indicating that he would send out packet of materials for member agencies to submit to classify roadways and submit to ADOT and FHWA for approval.

10. Request for Future Agenda Items

The Chair requested that MAG staff provide information for funding sources for small format street sweepers.

11. Member Agency Update

Ms. Jennifer Jack indicated that the road paving project on the Salt River Pima-Maricopa Indian Community would go to bid on June 19th.

The Chair indicated that the light rail extension to Mesa Drive would open on August 22, 2015. Mesa is anticipating heavy use of the light rail by ASU students.

Ms. Grote indicated that Ms. Eileen Yazzie had joined the City of Phoenix.

12. Next Meeting Date

The Chair indicated that the next meeting of the Street Committee will be on August 11, 2015 in the Chaparral Room.

Adjournment

The meeting adjourned at 2:28 PM.



AZ LTAP

One of the core functions of the LTAP program is to provide On-Demand technical training for the local communities. AZ LTAP does not schedule classes on a regular or cyclical basis. On-Demand training is scheduled when specifically requested by Contributing Member Agencies

AZ LTAP Training Schedule

Contributing Member Agency Employees are Free unless noted
 LG = Local Government (Not From A Contributing Member Agency)
 P = Private Sector, Non-Local Government, etc.

Class Name	Start Date	End Date	Location	Avail Seats	Registration fees/Notes
BWTC/ Flagger	7/21/2015	7/21/2015	Flagstaff	5	ADOT \$0; LG \$35; P \$70
BWTC/ Flagger	8/6/2015	8/6/2015	Fountain Hills	1	ADOT \$0; LG \$35; P \$70
Work Zone Traffic Control II	8/13/2015	8/13/2015	Fountain Hills	7	ADOT \$0; LG \$35; P \$35
Work Zone Traffic Control III	8/26/2015	8/27/2015	Fountain Hills	7	ADOT \$0; LG \$35; P \$35
NHI-AASHTO Audit Guide Procure & Admin of A/E Contracts	7/9/2015	7/9/2015	Phoenix	15	ADOT \$0; LG \$75; P \$150
Certified Payroll Workshop	7/8/2015	7/8/2015	Phoenix	4	No Fee
Certified Payroll Workshop	8/5/2015	8/5/2015	Phoenix	6	No Fee
Certified Payroll Workshop	9/16/2015	9/16/2015	Phoenix	5	No Fee
Certified Payroll Workshop	10/7/2015	10/7/2015	Phoenix	10	No Fee
Certified Payroll Workshop	11/4/2015	11/4/2015	Phoenix	10	No Fee
Certified Payroll Workshop	12/9/2015	12/9/2015	Phoenix	10	No Fee
Design and Construction ADA Facilities In the Public ROW	10/14/2015	10/14/2015	Phoenix	13	ADOT \$0; LG \$0; P \$35
Design and Construction ADA Facilities In the Public ROW	4/6/2016	4/6/2016	Gilbert	10	ADOT \$0; LG \$0; P \$35

If there are no seats available you may still register which places you on the waiting list. Seat fill occurs on a first-come, first-served basis as they become available. Wait lists help determine additional training demand.

All training is scheduled On-Demand requested by Contributing Member Agencies

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To see if your agency is a contributing member agency, visit the AZ LTAP web site: [Contributing Member Agency](#)  
 To register for any class please fax your [Enrollment Form](#) to (602) 712-3007

View the entire schedule, pricing and course descriptions Online!

<http://www.azltap.org/Services/Training/schedule.html>



# AZ LTAP

## Enrollment Request Form

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Please fill out completely to register. If the courses are filled, the requester will be added to the waiting list. All requests are first-received, first-registered. Any questions regarding training information please call the LTAP staff at (602) 712-4050.

Fax requests to AZ LTAP at (602) 712-3007 or email to [TTraining@azdot.gov](mailto:TTraining@azdot.gov)  
or mail to 1130 N. 22<sup>nd</sup> Avenue, Phoenix, AZ 85009

**Please PRINT or TYPE.** All information is required to process your enrollment. Incomplete forms will not be processed.

|                                                             |  |
|-------------------------------------------------------------|--|
| <b>NAME (First MI. Last)</b>                                |  |
| <b>Agency</b>                                               |  |
| <b>Job Title</b>                                            |  |
| <b>Email Address and administrative copy e-mail address</b> |  |
| <b>Telephone Number and Administrative telephone number</b> |  |
| <b>Mailing Address</b>                                      |  |
| <b>City, State, Zip</b>                                     |  |

| <b>Class Name</b> | <b>Class Date</b> | <b>Class Location</b> |
|-------------------|-------------------|-----------------------|
|                   |                   |                       |

*A final confirmation will be sent to you 1 week prior to the class with detailed logistics. A \$100 no-show fee will be invoiced to your Agency / Org / Department if you fail to attend the class or cancel within 3 business days prior to class start.*

**\*\*Other Government Agencies, Private Agencies, and Private Individuals:**

- There may be a registration fee for this class.
- Payment is required prior to attending the class.
- Please contact AZ LTAP at 602-712-4050 for class fees.

Please send any registration fee to: AZ LTAP  
(Make Payable to ADOT) Mail Drop 069R  
1130 N. 22<sup>nd</sup> Avenue  
Phoenix, AZ 85009

|                                |  |              |  |
|--------------------------------|--|--------------|--|
| <b>Participant's Signature</b> |  | <b>Date</b>  |  |
| <b>Print Supervisor's Name</b> |  | <b>Phone</b> |  |
| <b>Supervisor's Signature</b>  |  | <b>Date</b>  |  |

# Call For Projects Amounts<sup>1</sup>

| Programming Levels By Mode and MAG Program, in Millions of \$ |                            |                  |                |                                           |                       |                                   |                                                                   |                                                        |
|---------------------------------------------------------------|----------------------------|------------------|----------------|-------------------------------------------|-----------------------|-----------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|
| STP - with OA applied                                         | CMAQ with OA applied       |                  |                |                                           |                       | Specific Programs with OA applied |                                                                   |                                                        |
| Year                                                          | Non Lifecycle <sup>5</sup> | ITS <sup>3</sup> | Bicycle/Ped    | Air Quality PM-10 Paving of UnPaved Roads | PM-10 Street Sweepers | CMAQ 2.5                          | Transportation Alternatives Urban & NU, Non-Infrastructure (SRTS) | Transportation Alternatives Urban & NU, Infrastructure |
| 2016                                                          |                            |                  |                |                                           | 1.08                  |                                   |                                                                   |                                                        |
| 2017                                                          |                            |                  |                |                                           |                       |                                   | 0.51                                                              |                                                        |
| 2018                                                          | 0.35                       | 3.68             | 7.68           | 4.00                                      |                       | 0.65                              |                                                                   | 4.09                                                   |
| 2019                                                          | 0.00                       | 3.68             | 7.90           | 4.00                                      |                       | 0.67                              |                                                                   | 4.22                                                   |
| 2020                                                          | 1.27                       | 0.00             | 8.06           | 4.00                                      |                       | 0.67                              |                                                                   | 4.31                                                   |
| <b>Totals 16-20</b>                                           | <b>\$1.62</b>              | <b>\$7.36</b>    | <b>\$23.64</b> | <b>\$12.00</b>                            | <b>\$1.08</b>         | <b>\$1.99</b>                     | <b>\$0.51</b>                                                     | <b>\$12.63</b>                                         |

<sup>1</sup> Growth rate is estimated and was included in the 2035 RTP approved funding projections. Amounts may include loans, program admin, and repayments.

<sup>3</sup> MAG ITS Program completes in 2018, and 2019. Take down of \$7,358,000 completes the \$50 million program.

<sup>5</sup> Loan Repayment from Arterial to Non-Lifecycle

## Competitive FHWA Federal Fund Programming Process FY 2016, and Draft FY2017-2021 TIP Development

### 2015

|           |      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| August    | 10   | <ul style="list-style-type: none"> <li>FHWA Federal Fund Project Applications available for CMAQ PM-10 Paving Unpaved Road Projects, CMAQ PM-2.5 Paving Unpaved Road Projects, CMAQ Bicycle-Pedestrian Projects, and Transportation Alternative Projects Infrastructure for FY2018, 19, &amp; 20. CMAQ Intelligent Transportation Systems in FY 2018 and 2019. Surface Transportation Program for Pinal County in FY2020, FY 2017 Transportation Alternatives NonInfrastructure FY 2017, and PM-10 Certified Street Sweepers for FY2016.</li> </ul> |
|           | 10   | Early Phase <b>Public Involvement</b> Mailing.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|           | 19   | <ul style="list-style-type: none"> <li><b>Workshop on FHWA Applications, 10:00 - 11:30 A.M. - Saguaro Room, 2nd Floor MAG. Breakout sessions, various rooms.</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                         |
|           | 24   | <ul style="list-style-type: none"> <li><b>8:30 - 10:00 a.m., MAG Chaparral Room, Open Working Group - Federal Fund Project Applications</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                              |
| September | 4    | <b>Early Phase Public Involvement Comments DUE.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|           | 14   | <ul style="list-style-type: none"> <li><b>9:00 - 11:00 a.m., MAG Chaparral Room, Open Working Group - Federal Fund Project Applications</b></li> </ul>                                                                                                                                                                                                                                                                                                                                                                                              |
|           | 9    | <b>Management Committee reviews submitted project comments from early phase notification.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           | 21   | <ul style="list-style-type: none"> <li><b>Monday, September 21st: 10:00 A.M. - Due Date and Time, signed Project Applications due to MAG. <u>Late Applications will not be accepted.</u></b></li> </ul>                                                                                                                                                                                                                                                                                                                                             |
|           | 23   | Applications posted to Website                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| October   | 7    | ITS Committee reviews Federal Fund Applications, First Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|           | 13   | Street Committee reviews Federal Fund Applications, First Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|           | 20   | Bike Ped Committee reviews Federal Fund Applications, First Review                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|           | 22   | AQ TAC Reviews and recommends AQ Score for ITS, BP, and Paving Projects, and Ranking of PM-10 Street Sweepers.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| November  | 2-30 | TIP Data Entry System Available, Collect and Submit Regionally Significant Project information for inclusion in TIP.                                                                                                                                                                                                                                                                                                                                                                                                                                |
|           | 4    | ITS Committee Second Review of Federal Fund Applications, CMAQ Evaluations Available, Presentations.                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|           | 10   | Street Committee Second Review of Federal Fund Applications, CMAQ Evaluations Available, Presentations.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|           | 17   | Bike Ped Committee Second Review of Federal Fund Applications, CMAQ Evaluations Available, Presentations.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|           | 27   | <b>Happy Thanksgiving!</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| December  | 2-30 | Continue to Collect, and Submit Regionally Significant Project information for inclusion in TIP.                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|           | 3    | AQ TAC: <i>Alternate day for review of AQ Scores for Paving UnPaved Roads and PM-10 Street Sweepers; <b>only if needed.</b></i>                                                                                                                                                                                                                                                                                                                                                                                                                     |
|           | 8    | Street Committee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|           | 10   | TRC Mail out DUE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|           | 17   | TRC reviews Federal Fund Priority Listing of Projects and TIP listings                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

### 2016

|          |            |                                                                                                                                                                                                                                             |
|----------|------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| January  | 2-29       | Continue to Collect, and Submit Regionally Significant Project information for inclusion in TIP.                                                                                                                                            |
|          | 13         | Management Committee reviews Federal Fund Priority Listing of Projects and TIP listings.*                                                                                                                                                   |
|          | 20         | TPC reviews TIP Listings for Federal Fund projects.*                                                                                                                                                                                        |
|          | 27         | RC reviews/approves Federal Fund Priority Listing of Projects.* **                                                                                                                                                                          |
| February | 1-29       | Continue to Collect, and Submit Regionally Significant Project information for inclusion in TIP.                                                                                                                                            |
|          | 25         | TRC recommends AQCA for Pinal County, and regionally significant projects to be included in the TIP.                                                                                                                                        |
| March    | 8          | <b>DEADLINE: All Regionally Significant Project Changes to be submitted for Transportation Modeling and AQCA. (Work years and Open to service years finalized).</b>                                                                         |
|          | 9          | Management Committee recommends AQCA for Pinal County, and regionally significant projects to be included in the TIP.                                                                                                                       |
|          | 16         | TPC                                                                                                                                                                                                                                         |
|          | 17         | Draft 2017-2021 TIP Project Listings available for TAC and public review. <b>Publish Public Notice, Mid Phase review.</b>                                                                                                                   |
|          | 23         | RC Takes action on AQCA for Pinal County, and regionally significant projects to be included in the TIP.**                                                                                                                                  |
| April    | 13, 20, 27 | <b>TIP undergoes Air Quality Conformity Analysis</b> (Transportation Division runs horizon year models and Environmental Division runs preliminary AQCA).<br>Draft 2017-2021 TIP Project Listings review and approval to proceed with AQCA. |
|          | 19         | <b>Mid-Phase</b> joint Open House and Public Hearing for MAG, RPTA (Valley Metro), Metro Rail, City of Phoenix Department of Public Transit, on Draft FY 2017-2021 TIP. <b>Tuesday, April 19, 2016 at 5:00 p.m.</b>                         |
|          | 1-5        | <b>Air Quality:</b> Conformity Analysis                                                                                                                                                                                                     |
| May      | 3          | <ul style="list-style-type: none"> <li><b>ADOT PPAC final project funding changes to be included in AQCA for updates to the SCMPO TIP, Plan and MAG TIP, RTP, and ALCP.</b></li> </ul>                                                      |
|          | 4          | Transportation: Submit final listing of projects for amendment to AQ staff. (funding and non regionally significant changes/additions only.)                                                                                                |
|          | 5          | <ul style="list-style-type: none"> <li><b>Publish 30 day Public Notice - Conformity Determination, Final Phase Draft FY2017-2021 TIP</b></li> </ul>                                                                                         |

|      |     |                                                                                                                                      |
|------|-----|--------------------------------------------------------------------------------------------------------------------------------------|
|      | 26  | ● TRC: recommends Draft FY2017-2021 TIP & Draft FY2017 ALCP, and modifications to 2035 RTP .                                         |
|      | 1   | <b><u>DUE DATE: ADOT Project Submittal Deadline for FY 2016 Project obligation and Federal Authorization.</u></b>                    |
|      | 6-7 | ● Public Hearing for FY2017-2021 TIP, 2035 RTP update, and AQCA.                                                                     |
| June | 8   | ● Managers: recommends AQCA, Draft FY2017-2021 TIP & FY2017 ALCP, and modifications to 2035 RTP.                                     |
|      | 15  | ● TPC: recommend the Draft FY2017-2021 TIP, & Draft FY2017 ALCP and modifications to the 2035 RTP.                                   |
|      | 22  | ● RC: reviews Public Involvement Report, and approves AQCA, Draft FY2017-2021 TIP, Draft FY2017 ALCP, and modifications to 2035 RTP. |
|      | 30  | End of State Fiscal Year.                                                                                                            |
|      | 1   | <b><i>Beginning of the new State Fiscal Year (FY 2017)</i></b>                                                                       |
| July | 18  | Estimated completion date of review & approval by federal & state agencies.<br>Projects may proceed when notice is issued.           |

\* If needed: If the Street Committee does not need to meet a 2nd time, the information to AQTAC, Management, and RC will be advanced by a month.

\*\* Projects that are contingent on a new finding of conformity may need to wait to be included in the TIP until March for projects located within Pinal County, or June for project located within Maricopa County.

This schedule is subject to change. Flexibility is needed to meet federal Clean Air Act mandates and changes in guidance from the Environmental Protection Agency and U.S. Department of Transportation.

**Excerpt from:**  
**MAG Federal Fund Programming Guidelines & Procedures**  
**Competitive Project Selection Process for MAG Federal Funds**

Updated June 24, 2015

<snip>

**400.3. Technical Committee Application Review and Project Ranking**

1. **Eligibility review.** Once a completed application is received, MAG will review the application to ensure that the proposed project and its components are generally eligible to receive federal funding. If it is determined that the proposed project or components of the project are not eligible for federal funding, the member agency will be notified within two weeks of the determination and MAG will work with the member agency to revise the application to address the eligibility issue. If the member agency decides to move forward with the revised application, both the original and revised application will be presented to the reviewing modal technical committee and an explanation will be provided by MAG and the member agency of the reason for the revision(s). Members of ADOT and FHWA may comment on and provide additional eligibility determination at the modal technical committee meetings. Certain types of applications may require Federal and/or State eligibility determinations after committee review, prior to being included in the TIP and STIP.
2. **Modal Technical committee information review and ranking.** All applications will be reviewed and evaluated by a MAG modal technical committee as identified in the *Transportation Programming Guidebook*. This review and technical analysis will be completed in one or two meetings as appropriate.
  - a. **First meeting – information review.** At the first meeting, the modal technical committee will review the application information provided by the sponsoring agency for its reasonableness and accuracy. At the meeting:
    - i. **Presentation and Q&A Session.** An opportunity will be provided for each application to be presented, for committee members to ask questions, and for the sponsoring agency to respond to questions. Presentations will provide information needed for the five determinations listed below, have a length of no more than ten minutes and be followed by a ten minute question and answer session with the committee.
    - ii. **Committee determinations.** For each application, the committee will determine the following:

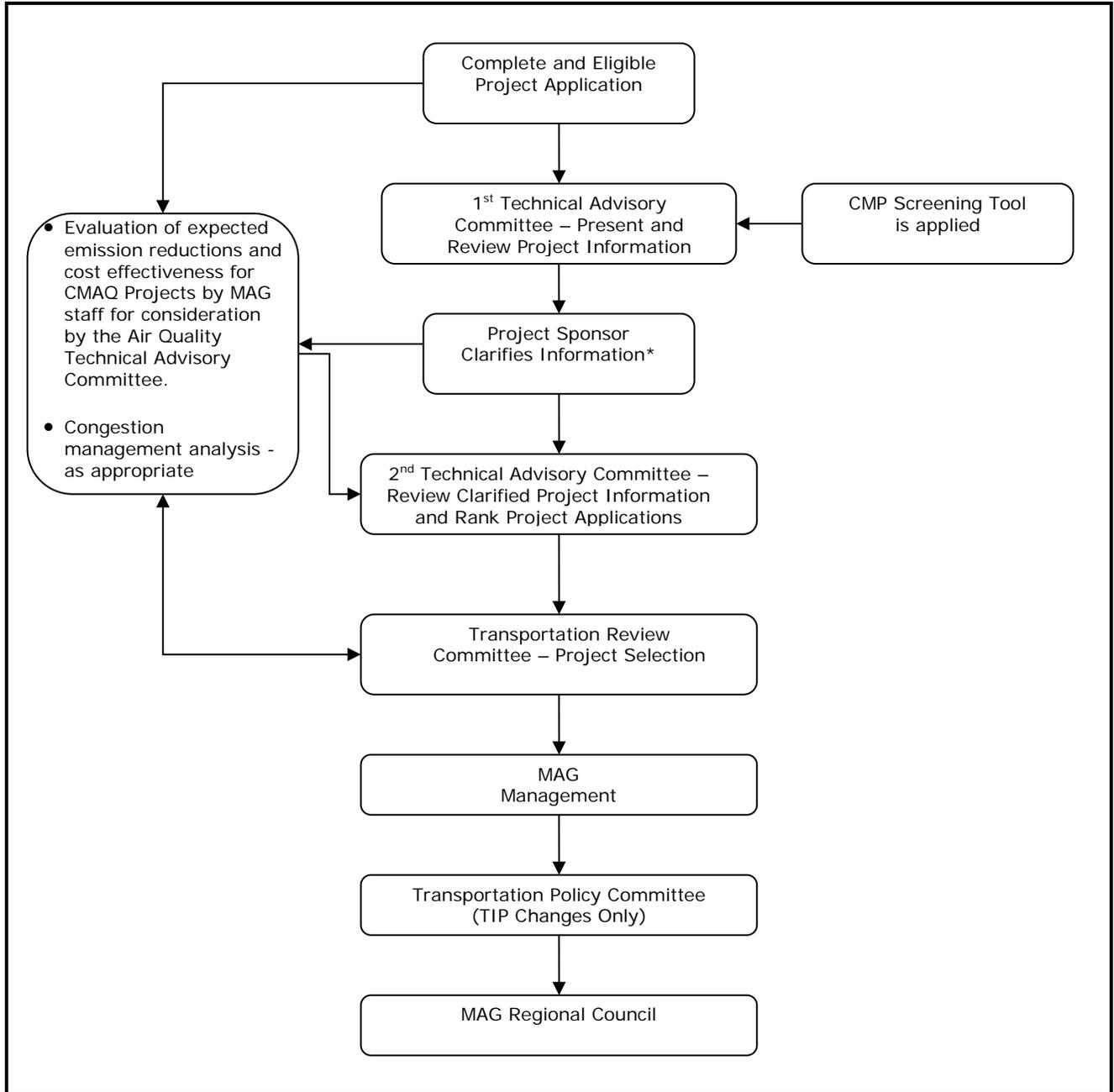
Approved June 24, 2015

1. **Project definitional adequacy.** The committee will determine that the project is defined in sufficient detail to allow technical review.
  2. **Project feasibility.** The committee will determine that the project is free from fatal flaws (e.g. major utilities and drainage issues) that would prevent it from being implemented.
  3. **Schedule adequacy.** The committee will determine that the schedule laid out for the project, including locally funded work phases is reasonable and adequate for the year the project is requested to be authorized.
  4. **Cost estimate adequacy.** The committee will determine that cost estimates for the project are reasonable, accurate and account for all work phases (e.g. preliminary engineering, right-of-way, construction, etc.) and fees (e.g. ADOT review fees) necessary to complete the project.
  5. **Performance data adequacy.** The committee will determine that performance data (e.g. ADT, miles of sweeping) or surrogate measures used to determine performance (e.g. number of trip generators along a bicycle route) is reasonable and well documented.
- iii. **Revisions.** If there are outstanding questions concerning the project, MAG may require the sponsoring agency to revise its application to address the questions. If an updated application is required, the sponsoring agency has one week to provide an updated application. The revisions will be presented at the second meeting of the Committee.
- b. **Second meeting – project ranking.** At the second meeting the committee will review and address outstanding issues from the previous meeting and recommend a ranked listing of projects for review by the Transportation Review Committee. This ranked list will include all projects presented to the Committee along with the committee’s determinations and the results of required analyses as identified below. If there are no outstanding issues from the information review, this meeting may be combined with the first meeting.  
Street Sweeper Projects will be forwarded to the TRC for information only.
3. **Required analysis for committee review and ranking.** In reviewing and ranking projects, review committees will do the following:
- a. **Air Quality Cost Effectiveness Analysis.** If Congestion Mitigation Air Quality (CMAQ) funding is sought, air quality effectiveness analysis is required. Technical review committees will review the reasonableness and accuracy of data provided for the calculation of air quality cost effectiveness scores; the Air Quality Technical Advisory Committee will review cost effectiveness scores; and committees will be presented with these scores prior to the ranking of projects.

- b. **Congestion Management Process (CMP).** All projects types (e.g. bicycle-pedestrian, ITS, etc.) that are covered by the CMP will be analyzed by technical committees. This analysis will include a review of the reasonableness and data used for CMP and development, and consideration of CMP scoring in the ranking of projects.
- c. **Safety.** The safety benefits and impacts of proposed projects will be considered by modal technical committees – Street, Bicycle-Pedestrian, ITS, Safety– based on the MAG Regional safety mission and goals, and evaluated on criteria and processes developed by the modal technical committees. The review will apply to the specific mode and specific federal funding source(s) funding the selected project. The criteria and evaluation process will be detailed in the application or made available with the applications.
- d. **Limitations on the scope of modal technical committee review and ranking.** The scope of technical review committees is limited to a review of the information provided and the development of a recommended ordering of projects. Technical review committees may not:
  - i. Change the project scope,
  - ii. Change the project schedule,
  - iii. Change the project budget or amount of requested federal funds

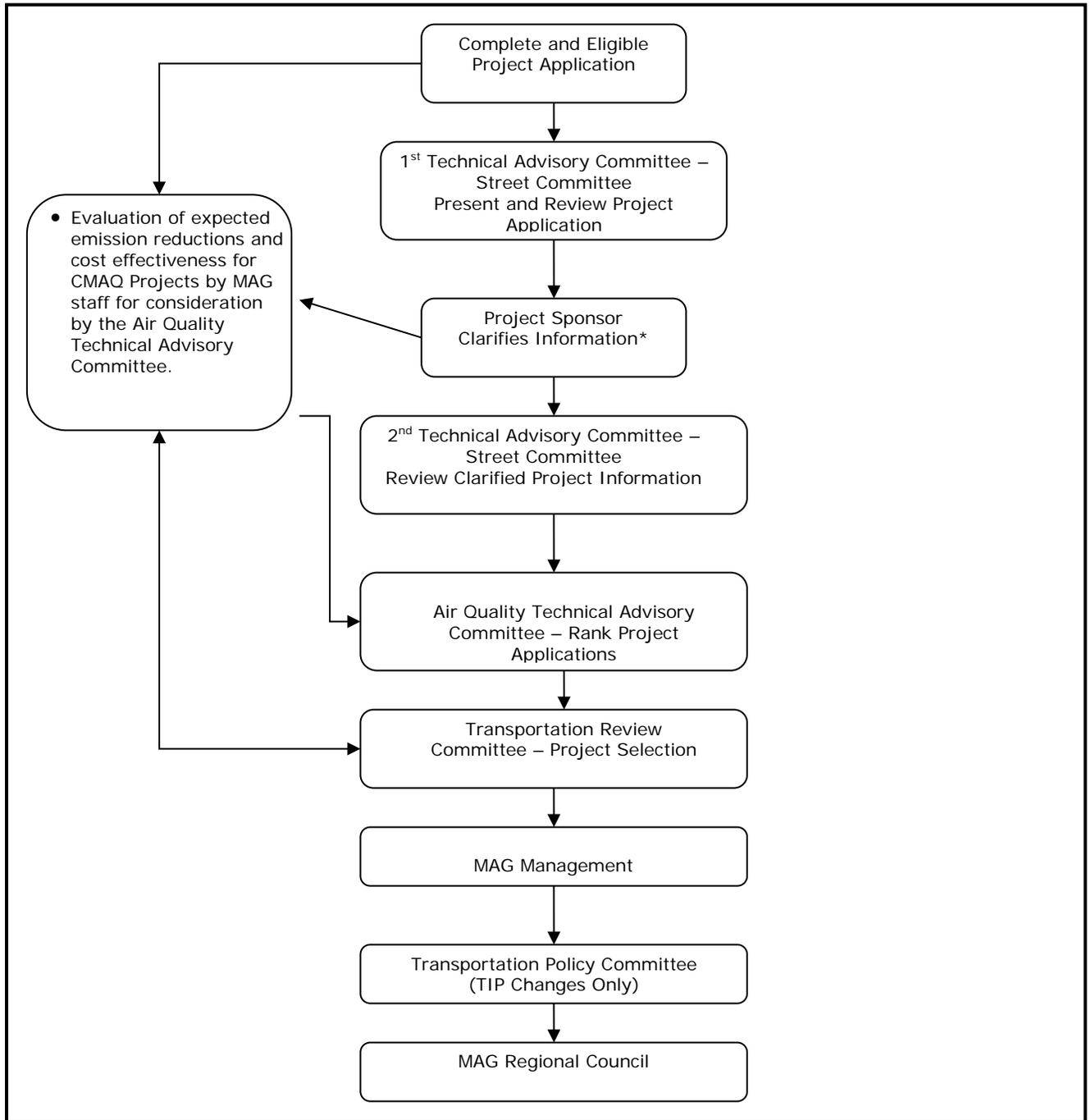
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**FIGURE C - Generic Flowchart of the Competitive Selection Process**



\*If needed <snip>

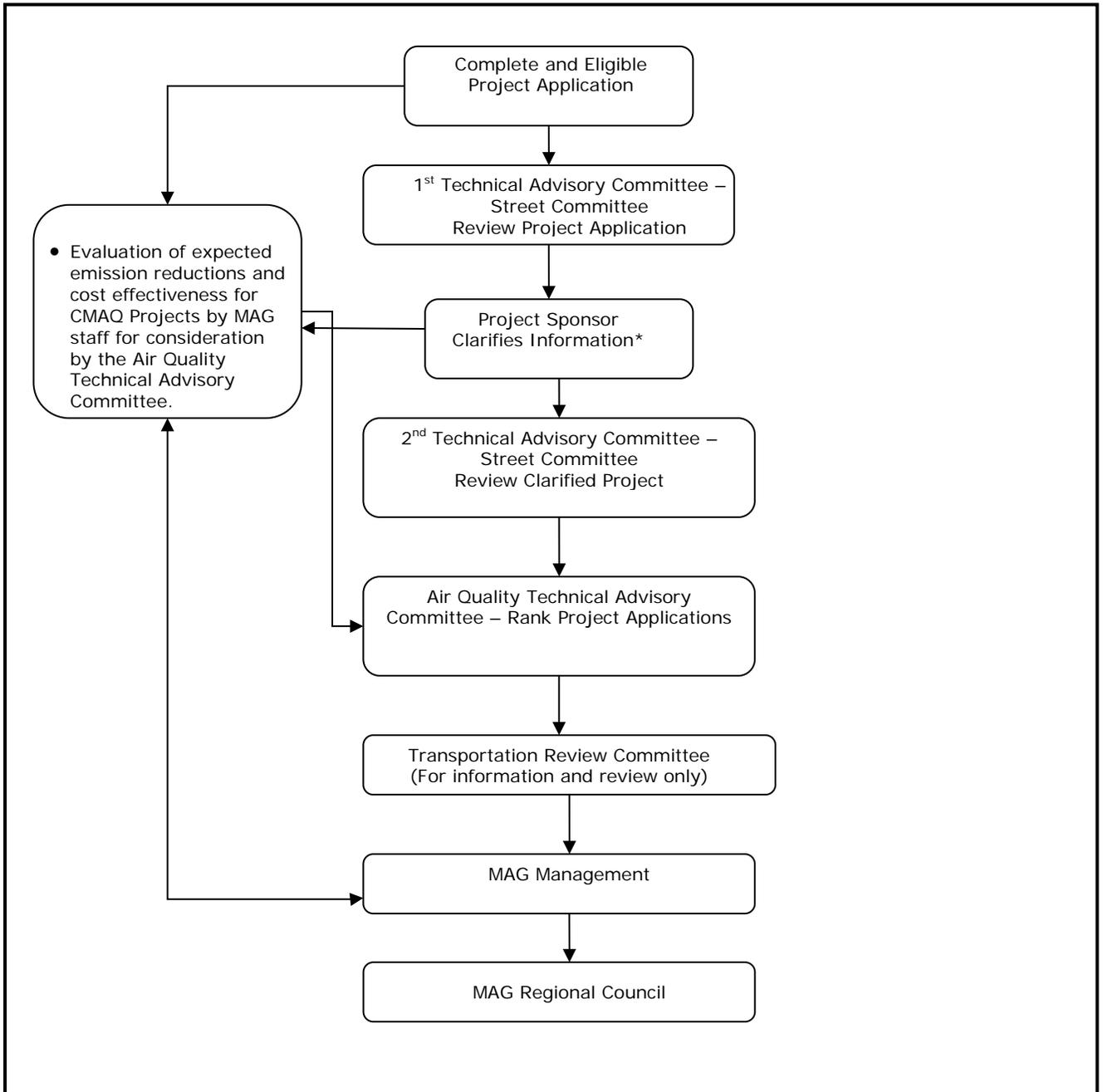
**FIGURE F - Flowchart of the Competitive Selection Process Paving Projects**



\*If needed

Note: Applies only to the paving of unpaved roadways for dust mitigation purposes.

**FIGURE G - Competitive Selection Process for Street Sweepers**



\*If needed

Note: Applies only to the purchase of PM-10 Certified Street Sweepers

<snip>