

February 4, 2016

TO: Members of the MAG Bicycle and Pedestrian Committee

FROM: James Hash, Mesa, Chair of the MAG Bicycle and Pedestrian Committee

SUBJECT: MEETING NOTIFICATION AND TRANSMITTAL OF TENTATIVE AGENDA

Tuesday, February 16, 2016 at **1:00 p.m.**
MAG Offices, Saguaro Room, Second Floor
302 North First Avenue, Phoenix

A meeting of the MAG Bicycle and Pedestrian Committee will be held at the time and place noted above. If you are attending in person, please park in the garage under the building. Bring your ticket to the meeting as 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 parking garage.

Committee members may attend the meeting either in **person, by video conference or by telephone conference call**. Those attending by videoconference must notify the MAG site three business days before the meeting. Those attending by telephone conference call 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.

Please be advised that under procedures adopted by the MAG Regional Council on August 21, 2013, all MAG committees need to have a quorum to conduct business. A quorum is a simple majority of the membership based on the attendance of the three previous Bicycle and Pedestrian Committee meetings. If the Bicycle and Pedestrian Committee does not meet the quorum requirement, members who have arrived at the meeting will be instructed that a legal meeting cannot occur and will subsequently be dismissed. Your attendance at the meeting is strongly encouraged. If you are unable to attend the meeting, please make arrangements for a proxy from your jurisdiction to represent you. Please contact Jason Stephens at (602) 452-5004 (office)/(602) 327-1819 (cell) or jstephens@azmag.gov if you have any questions or need additional information.

TENTATIVE AGENDA

	COMMITTEE ACTION REQUESTED
<p>1. <u>Call to Order</u></p> <p>Quorum is required at all times to conduct the meeting. For the February 16, 2016 meeting, the quorum requirement is 12 committee members.</p>	
<p>2. <u>Approval of Draft January 19, 2016 Minutes of the Bicycle and Pedestrian Committee</u></p>	<p>2. For information, discussion and action to approve the meeting minutes of the January 19, 2016 Bicycle and Pedestrian Committee meeting.</p>
<p>3. <u>Call to the Audience</u></p> <p>An opportunity will be provided to members of the public to address the 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 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. Please fill out blue cards for Call to the Audience and yellow cards for Action Items.</p>	<p>3. For information and discussion.</p>
<p>4. <u>Staff and Member Agency Reports</u></p> <p>Staff and committee members are invited to provide an update of pedestrian and bicycle-related activity in their agencies.</p>	<p>4. For information and discussion.</p>

- | | |
|---|---|
| <p>5. <u>Rails to Trails Conservancy</u></p> <p>Ana Valenzuela of Rails to Trails Conservancy will provide a presentation on the utilization of connectivity analysis to identify trails as part of a complete network of low-stress bicycle facilities serving a region.</p> | <p>5. For information and discussion.</p> |
| <p>6. <u>Valley Metro Bike Month</u></p> <p>Suzanne Day of Valley Metro will provide a presentation on the various elements of Valley Bike Month, including the Valley Bike Month Team Challenge.</p> | <p>6. For information and discussion.</p> |
| <p>7. <u>FAST Act</u></p> <p>MAG Government Relations Manager Nathan Pryor will provide an update on legislative issues of interest including the recently enacted federal surface transportation Fixing America's Surface Transportation "FAST" Act.</p> | <p>7. For information and discussion.</p> |
| <p>8. <u>Request for Future Agenda Items</u></p> <p>Members will have the opportunity to suggest future agenda topics.</p> | <p>8. For information and discussion.</p> |
| <p>9. <u>Next Meeting Date</u></p> <p>Tuesday, March 15, 2016, 1 p.m. in the Ironwood room.</p> | <p>9. For information.</p> |

MINUTES OF THE
MARICOPA ASSOCIATION OF GOVERNMENTS
BICYCLE AND PEDESTRIAN COMMITTEE

Tuesday, January 19, 2016 at 1:00 p.m.
MAG Office Building, Ironwood Room
302 North First Avenue, Phoenix

MEMBERS ATTENDING

Jim Hash, Mesa, Chair of Bicycle and Pedestrian Committee	Mike Gillespie, Litchfield Park
Jose Macias, El Mirage, Vice-Chair of Bicycle and Pedestrian Committee	Dave Maestas for Ryan Wozniak, Maricopa
Michael Sanders, ADOT	Denise Lacey, Maricopa County
* Raquel Schatz, Apache Junction	# Brandon Forrey, Peoria
Alison Rondone, Avondale	Katherine Coles, Phoenix
Phil Reimer, Buckeye	# Sidney Urias, Queen Creek
# Stacy Bridge-Denzak, Carefree	Susan Conklu, Scottsdale
# Ian Cordwell, Cave Creek	Stephen Chang, Surprise
Jason Crampton, Chandler	Eric Iwersen, Tempe
Kristin Myers, Gilbert	Amanda Leuker, Valley Metro
# Purab Adabala, Glendale	* Robert Carmona, Wickenburg
Steve Careccia, Goodyear	# Grant Anderson, Youngtown
* Kelly LaRosa, FHWA-Arizona	* Tiffany Halperin, American Society of Landscape Architects
	# Bob Beane, Coalition of Arizona Bicyclists

*Members neither present nor represented by proxy
#Attended via audio-conference

OTHERS PRESENT

Mercedes McPherson, Scottsdale	Radu Nan, Kittleson & Associates
Steve Tate, MAG	Jason Harrington, HPD
Tim Strow, MAG	Jeff Caslake, Tempe Bicycle Action Group
Kenneth Steel, MCDPH	Chris Milner, T.Y. Lin International
Laurel Arndt WSP/PB	Vinay Vanapalli, STANTEC
Craig Chenery, MAG	Jason Stephens, MAG

1. Call to Order

Chair Jim Hash of Mesa called the meeting to order at 1:00 p.m.

2. Approval of the December 15, 2015 Meeting Minutes of the Bicycle and Pedestrian Committee

Chair Hash asked the committee if there were any questions in regard to the minutes taken at the December MAG Bicycle and Pedestrian Committee meeting. There were no questions and he asked

for a motion to approve the minutes. Jason Crampton of Chandler moved to approve the December meeting minutes. Kristin Meyers of Gilbert seconded the motion. The motion passed unanimously.

3. Call to the Audience

An opportunity was provided to members of the public to address the MAG Bicycle and Pedestrian 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 were requested not to exceed a three minute time period for their comments. A total of 15 minutes was provided for the Call to the Audience agenda item, unless the Bicycle and the Pedestrian Committee requests an exception to this limit. Those wishing to comment on action agenda items were given an opportunity at the time the item was heard. There were no members of the public who requested to speak.

4. Staff and Member Agency Reports

Susan Conklu of Scottsdale stated that she did not distribute the bike friendly business assessment out to the committee. She stated hard copies were available at the meeting. She said if members wanted them electronically, she would email Jason Stephens of MAG and have him send out the assessment. Jose Macias of El Mirage stated that there is a public safety event in El Mirage on the weekend from 10 a.m. to 2 p.m. The city will be raffling off and giving away four bikes. In addition, he said Valley Metro will be in attendance along with various other safety agencies. He encouraged committee members to come to the event if they were in the West Valley.

Grant Anderson of Youngtown stated that the Youngtown multi-use bike and pedestrian path from Agua Fria Ranch to 111th Ave. should be completed by the end of the month. He said there will be a grand opening in mid to late February. The path is being received very well by local residents and thanked the committee for supporting the project. Mr. Stephens stated that the bike count equipment if available for members to rent through the winter. He stated that the City of Avondale has four of the counters and that City of Scottsdale has also expressed interested in renting the equipment.

Chair Hash stated that the City of Mesa is putting out a call to all members to participate in a bicycle summit on April 1st in Mesa as part of Cycle Mesa. He stated that the city wants to put together a poster session to display projects and the progress of projects to show what cyclists in the region and state can look forward to in the coming years. He stated that members who want to participate should email either Mr. Stephens or Bob Beane of the Coalition of Arizona Bicyclists, who is a partner in putting on the Summit along with Greater Arizona Bicycling Association in the Tucson area.

5. Programming Changes to the Avondale I-10 Multi-use Path Project

Mr. Chris Hamilton of Avondale stated that the project was awarded in 2015 to construct an asphalt path along the Agua Fria River underneath the I-10 and connect Friendship Park to Van Buren St.. He said the city also has a developer project to be added that will help with the project. He stated that there is an existing trail system that goes from Van Buren St. to MC-85. He said that the city is attempting to get the trail system along the Agua Fria connected and working as a whole.

He said the city had a project assessment (PA) done and the assessment came out with three options. He said the first option was to come under I-10 and cross, as close as possible, the end of the ADOT drainage channel. He stated at each of the first two options, the PA looked at a low flow crossing, a bridge crossing and a culvert crossing. He said option two attempted to minimize the amount of the ADOT channel that the city had to cross. He stated that option three was to look at a low flow crossing. He said the first two options came back well beyond the programmed amount for the project. He stated that what the city would like to do in Phase I is connect the developer trail, go underneath the Agua Fria and then on the south bank of the ADOT drainage channel build a trail head facility. He said in a future phase, the city would build a bridge over the ADOT drainage channel and connect into the park. He stated that the city is trying to get people who cross from the park into the drainage channel area, because the only other way to cross the corridor is to cross at Dysart Rd., which is one of the city's most congested streets. He stated the only other way is to go down to Avondale Blvd., which is more than a mile out of the way.

He stated that with the city's proposal it could do design for both phases, then construct in 2017, which is where the money is allocated. He said the city would come back in a future phase, yet to be determined, and build the bridge.

Ms. Meyers asked Mr. Hamilton if the city was going to get environmental clearance for both phases even though a time slot for Phase II has not been identified yet. Mr. Hamilton said the city would be getting environmental clearance for both phases as that was already planned for in Phase I. Mr. Anderson stated that the estimate was \$1.34 million and asked if the decrease in scope was going to affect the grant amount. He asked what the estimate for Phase I would be since Phase II may not happen for a long period of time. Mr. Hamilton stated that with Phase I the city will be just under the \$1.3 million. He said with both phases the cost was approximately \$2.1 million. He stated that the city has not yet fully estimated Phase I. Ms. Conklu asked if Phase II was a funded project. Mr. Hamilton stated that the Phase II did not get funded. Ms. Conklu stated that she thought it was a great idea to cover everything in the design phase at this time. Ms. Meyers asked at what stage of design is the project. Mr. Hamilton stated that the city was just passed 30 percent.

Mr. Anderson asked how the city was going to direct the bicyclists who might use the path up to the south side of the drainage channel. He asked if they will stop there or find their way to Friendship Park in some other fashion. Mr. Hamilton stated that the city could place signage before the bicyclists go under I-10 to let them know that the trail ends. He stated there wouldn't be any other way to get across the drainage channel as the sloped would be too steep to go down. Mr. Anderson asked what the timing of Phase II would be. Mr. Hamilton stated the city does not know. Mr. Anderson asked if it would be best to have the trail built from the south side down to Van Buren St. and leave it unuseable for a number of years. He stated the city might want to think about a low flow crossing so that people could utilize what the city is constructing. Mr. Hamilton said the city's hope is that people will come from the south, get to the trail head area and use it as more of a recreation type facility where residents can view birds and vegetation. He said that once the city can construct the connection, then residents can use it more as a trail. Mr. Anderson asked if met the funding criteria. Steve Tate of MAG stated that under CMAQ requirements there would not be a problem for using the funding for the stated purpose.

Chair Hash read the action as needed for approval: *to change the currently funded project at the I-10 and Agua Fria to construct an asphalt underpass into two phases; one being I-10 to Agua Fria channel, which will be constructed in 2017, as well as the design of both phases of the project, with the second phase of the project not being funded until a later date.* Eric Iwerson of Tempe made a motion to approve and Phil Reimer of Buckeye seconded the motion. The motion to approve passed unanimously.

6. Love to Ride

Johann Weber of LovetoRide.org states that Love to Ride is a hybrid tech platform and marketing company whose goal is to get more people to ride bikes. Mr. Weber states that he wants to work with the members to create a regional bike challenge program. Mr. Weber states that Love to Ride is attempting to bring together social psychology, tech platform and the best practices and encouragement space. He said since Love to Ride has been in existence, it has engaged more than 160,000 people across nine countries. He stated that in 2015 Love to Ride worked in six US cities including Boulder, Madison, Indianapolis, Tallahassee, Houston and Atlanta. In 2016, he said they are adding Portland to the list. He said they would like to bring the Phoenix area into the list of cities.

Mr. Weber said they typically focus on new riders. He said about 30 percent of the people they engage are non-cyclists. He said 40 percent of those non-cyclists now ride at least once a week after joining the program and 31 percent now ride to work at least once a week. He said Love to Ride brings together the encouragement/best practices and behavior change informed approach to bare in a website platform as well as a cell phone application. He said the participants, through the platform can track their trips, rides, their challenges and beyond. He said they can share photos, goals and give each other encouragement. He said the challenge space is really all about fun spirited competition between work places and organizations. Mr. Weber introduced his colleague Thomas Stokell of Love to Ride to talk about the behavior change theory in relation to bicycling. Mr. Stokell states that a couple of years ago Love to Ride came up with a new behavior change framework. He said the first part of that is about understanding that someone who is looking at taking up bicycling goes from not riding at all to riding frequently. He said the second part of the framework is about understanding that each step on the way to becoming a frequent rider has unique barriers and unique benefits. He stated the next part of the framework is about understanding where people are on their journey. He said they can track that through the application.

Mike Sanders of ADOT states that he's been competing in the national bike challenge and asks how Love to Ride gets people to compete in all the different challenges in the communities they are working with. Mr. Weber states that Love to Ride works in Madison, which is the birthplace of the national bike challenge, and that there is no competition, because the national bike challenge is a different program. He said the national challenge appeals to the regular, enthusiastic riders. He said Love to Ride is focused on new riders. Mr. Sanders states that the Love to Ride program seems to be doing the same job as the national challenge. Mr. Weber states that the national challenge is a great program, but not getting traction with new riders. Ms. Conklu states that Valley Metro does the regional bike month challenge and asks if Love to Ride does all bike trips or bike to work trips. Mr. Weber states that Love to Ride focuses on any and all trips. Ms. Conklu asks what the cost of the program is. Mr. Weber states that the scope and scale determines the cost. He said a customized program can cost between \$45,000 and \$50,000, down to a smaller scale program for \$12,000.

7. RoadSys LLC

Dennis LeBlanc of RoadSys states that James Schmidt of RoadSys will be making the presentation about the data collection technologies that RoadSys has available. Mr. Schmidt states that piezo electric sensors are permanently in the ground and more accurate than pneumatic tube counters, because the sensors are not bouncing around the road and can be put in for a period of five to 10 years. He said the sensors can sit in a slot about three quarters of an inch to an inch and a quarter deep. The piezo sensors are used in earthquake detection technology. He stated that as communities are building out new bike paths, they should be thinking about embedding the sensors in the construction projects. He said the savings can be immense, dropping the cost by as much as 50 percent in the long run. He stated that inductive loops are another way to gather data. There are several different shapes employed with inductive loops, but they are prone to error. He stated that relaying data to the bicycle community is paramount. He stated that the cycle information display allows for community interaction with bicyclists and pedestrians. He said that variable message panels can be built in to the information displays relaying different types of information, which helps with mobility.

Mr. Schmidt said sponsorships are big with the information displays. He said many businesses will want to be a part of the displays. He said the signs are approximately eight feet tall. He stated that the other big part of data collection is air quality. He said poor air quality is not good for people who are out exercising and new technology can relay real-time roadside particle monitoring.

8. Next Meetings

Chair Hash noted that the next meeting of the MAG Bicycle and Pedestrian Committee would be on Tuesday, February 16, 2016 at 1:00 p.m. in the Saguaro Room and then he adjourned the meeting.