



**SGVCOG Public Works TAC Approved Meeting Minutes**

Date: July 16, 2018  
 Time: 12:00 P.M.  
 Location: Upper San Gabriel Valley Municipal Water District  
 602 E. Huntington Dr., Suite B, Monrovia, CA 91016

**PRELIMINARY BUSINESS**

1. Call to Order. The meeting was called to order at 12:06 p.m.
2. Pledge of Allegiance. R. Guerrero led the Public Works TAC in the Pledge of Allegiance.
3. Roll Call

**Public Works TAC Members Present**

P. Wray; Arcadia  
 F. Lopez; Claremont  
 D. Liu, K. Young; Diamond Bar  
 J. Chung; El Monte  
 D. Co, A. Hanna; Irwindale  
 A. Tachiki, C. Velarde, M. Moreno; Monrovia  
 R. Guerrero; Pomona  
 K. Patel, S. Garwick; San Dimas  
 R. Salas; South El Monte  
 M. Forbes; Temple City  
 J. Lu, A. Ross, J. Yang; LACDPW

**Public Works TAC Members Absent**

Azusa  
 Glendora  
 San Gabriel  
 West Covina

**Guests**

D. Cadena; WKE, Inc.	D. Johnson; Project Partners
S. Ahmad; SA Associates	A. Chang; Transtech Engineers
F. Alamolhoda; LAE Associates	J. Martinez; NCE
G. Jaquez; MNS Engineers	V. Sedagat, S. Ariannia; Geo-Advantec, Inc.
S. Novotny; Caltrans	B. Janka; City of Pasadena
J. Nelson; City of Industry/CNC	N. DeBenon; Ghirardelli Associates

**SGVCOG Staff**

P. Duyshart

4. Public Comment.

There was no public comment.

**CONSENT CALENDAR**

5. Review Public Works TAC Meeting Minutes: 06/18/2018  
**There was a motion to approve the minutes (M/S: R. Salas/D. Liu).**

**[Motion Passed]**

Ayes	Arcadia, Claremont, Diamond Bar, El Monte, Irwindale, Monrovia, Pomona, San Dimas, South El Monte, Temple City, LACDPW
Noes	
Abstain	
Absent	Azusa, Glendora, San Gabriel, West Covina

## INFORMATION ITEMS

### 6. MSRC Local Government Partnership Funding Program

Rainbow Yeung, the Regional Director of Legislative and Public Affairs for the South Coast Air Quality Management District (SCAQMD), gave a relatively brief update and reminder to the cities of the Public Works TAC about the MSRC Local Government Partnership program. She provided a background about the tenets and goals of the program are, and she also went City by City to announce which cities had applied for their MSRC funding to-date, and which cities still had not. She reminded all cities in attendance that the final deadline to secure their already-allocated MSRC funding is August 2<sup>nd</sup>.

## ACTION ITEMS

## PRESENTATIONS

### 7. AT&T's 5G Towers and Technology

Donovan Green, Director of External Affairs for the Southern California region, Amir Johnson, the Area Director for the SGV subregion, and three other AT&T representatives, Samuel Cha, Ursula Moran, and Walter Callejas, provided a comprehensive presentation on this item to the Public Works TAC. D. Green began by mentioning how AT&T and other cellular providers are constantly challenged with filling holes and gaps in its network, improving network speeds, and improving network capacity. An average family of four has 10 cellular, Internet, and/or "smart" devices in the home. Thus, the cellular network is very impacted and stressed.

The presenters explained that 5G network capability will be anywhere from 2 to 15 times faster than current 4G network capabilities. They also went on to discuss how "small cell" technologies are needed in order the 5G network to operate properly, since the network will need as much capacity and bandwidth as possible. A. Johnson reiterated that network capacity must be upgraded and enhanced in order to keep pace with the surging demands for data consumption.

The majority of the second half of the presentation included information about different types of cell sites (and why small cells are the most practical and effective), how small cells can be situated on light poles or other utility poles, and how cities can work with cellular companies from a public policy perspective (i.e. permitting processes, Master Leasing Agreements, and pole attachment rates and fees) in order to facilitate deployment and installation of small cell technologies.

Questions/Discussion: The following issues were discussed:

- A TAC member asked for clarification regarding the specifications of the street light poles, more specifically, if the street light poles with small cells are still a bit thicker than regular street light poles are.
- Another Public Works TAC member asked if there are draft franchise or partnership agreements in place already? D. Green of AT&T responded that since AT&T is a utility, it does not enter into franchise agreements.
- If a new utility pole is required in order to install a small cell cellular network device, who ultimately pays for this expenditure. A. Johnson responded by saying that AT&T would pay for this cost.
- One City staff member asked: will small cell devices also help to shore up some coverage gaps and vacuums in communities and neighborhoods, rather than only improving network capacity? AT&T representatives pointed out that they have plans to look at the data and analytics to find out where coverage is lacking, struggling, and is insufficient.

- A TAC member remarked that some fellow SGV cities are very concerned about aesthetics and making sure that new utility infrastructure does not look bad or “stick out.” That being said, this City official also pointed out that AT&T has come a long way from previous infrastructure technologies that he has seen, as equipment is not as bulky anymore.
- One City engineer expressed concern that the small cell radios will not fit inside the circumference of the street light cylinder.
- One TAC member said that the cellular providers have been very unclear about the fastening requirements on street light poles, regarding whether or not equipment has to go on the outside or can fit inside the radius or circumference.
- Does AT&T have the ability to co-locate with other cellular providers? A. Johnson and D. Green mentioned that while this is possible, it is very difficult because each carrier operates at a different frequency. Carriers’ equipment all has to be a minimum of 10 feet apart, too. This is also difficult from an aesthetics point of view, too. A member of the TAC pointed out that different carriers might need to put equipment in different locations of a City anyway, due to current infrastructure and different frequencies of the networks.
- Someone asked if AT&T can comment on “5 Bars” and what they are selling and offering? “5 Bars” is a 3<sup>rd</sup> party intermediary between AT&T and the cities. “5 Bars” takes a percentage of the terms from a city’s revenue and AT&T’s revenue. AT&T recommends working directly with AT&T to prevent middleman miscommunication.
- Another City engineer asked: Why go with small cells rather than continue with the macro cells? Macro cells can also blend in with towers, trees, buildings, etc. AT&T stated though how small cells enable the carriers to get “closer” to the user. Small cells are also the main path to 5G LTE speeds because they can fill key gaps in coverage.
- What is AT&T’s timeline for installing small cells, and how many small cells has AT&T installed in the LA region so far? AT&T has actually already constructed about 200 small cells in Altadena, DTLA, La Canada, and Compton.

## DISCUSSION ITEMS

### UPDATE ITEMS

#### 8. ACE/COG Integration

P. Duyshart updated the TAC on this item. He notified TAC members that the Classification portion of the SGVCOG/ACE Integrated Classification and Compensation study is complete, but the Compensation portion of the study will not be complete until October, when it will go to the Governing Board for review and direction. Mr. Duyshart also reminded cities that the deadline to submit their projects as part of the SGVCOG/ACE Project Review and Selection Process is August 31, and he urged members to submit their projects for review on-time. With the ACE integrated as part of the SGVCOG now, the ACE division is now able to take over project management duties for municipal or County capital construction projects, and SGV agencies can now apply for this project assistance program.

#### 9. Update on Measure M Subregional Fund Programming

P. Duyshart provided an update to the TAC on this matter. He reminded TAC members that Mark Christoffels, the SGVCOG Chief Engineer, recently announced a call for projects for both First-Last Mile and Active Transportation projects, and encouraged cities to submit projects for Measure M subregional funding. The SGVCOG has about \$14.5 million in available Measure M programming funds for Active Transportation, and \$17.29 million in available Measure M funds

to program for First-Last Mile projects. The original deadline for SGV cities and LA County to submit projects for consideration for Measure M MSP subregional funds was July 13<sup>th</sup>. However, in order to give more cities a fair and equitable chance to submit projects for consideration, the SGVCOG has extended this deadline to July 31<sup>st</sup>. Duyshart also announced to the TAC that voting members can expect to have an opportunity to vote on a proposed Measure M MSP project list in the Fall, either in September or October.

#### **EXECUTIVE DIRECTOR'S COMMENTS**

No comments.

#### **ANNOUNCEMENTS**

R. Guerrero announced that there will be no Public Works TAC meeting during the month of August. He also mentioned that the next Public Works TAC meeting will take place on Monday, September 17, 2018.

#### **ADJOURN**

The meeting adjourned at 1:11 p.m.