

**SOUTH BAY CITIES COUNCIL OF GOVERNMENTS
INFRASTRUCTURE WORKING GROUP (IWG) LUNCH MEETING**

Wednesday, May 8, 2019

LOCATION: Blue Water Grill, 665 North Harbor Drive, Redondo Beach 90277

**IWG SOCIAL & ORDER LUNCH - 11:30 A. M. to Noon
IWG MEETING – 12:00 P. M. to 1:30 P. M.**

IWG meetings rotate between agency staff only meetings and public meetings.

Agency Staff Only Meetings

**May 8, 2019
July 10, 2019
September 11, 2019**

Meetings Open to the Public

**June 12, 2019
August 12, 2019
October 9, 2019**

Lunch, including beverage and tip, is available at a cost of **\$30.00** per person and must be paid in cash. **No credit cards**. Payment will be collected during the meeting. To ensure adequate food and seating for everyone, please RSVP your attendance and whether you will be purchasing lunch by close of business, Friday, April 5, 2019 to David Leger at: DavidL@southbaycities.org

12:00 p. m. Self-Introductions & Approval of the April 10, 2019 IWG Meeting Notes (Attachment A)

12:05 p. m. Agency & Other Update Reports

- **SBCCOG – Program update – Jacki Bacharach**
- **SOUTH BAY TRAFFIC FORUM, LA County DPW – Update**
- **Caltrans District 7 South Bay Projects – Update**
- **L. A. Metro - Updates**
 - **L. A. Metro Board Actions - Update**
 - **Metro TAC & Streets and Freeway Subcommittee Actions**
 - **South Bay Representation on Metro TAC and Metro Streets and Freeways Sub-Committee**

12:10 p. m. Measure R SBHP

- **SBHP Metro Budget Request – Status Update – Isidro Panuco**
- **Metro/SBCCOG Funding Agreement – Status Update – Isidro Panuco**
- **Annual Program Evaluation Summary Table; Lead Agency Progress Reviews (Attachment B – to be distributed at meeting)**

12:15 p. m. Measure M MSPs

- **MSP 5-Year Project Lists - Status Update – Isidro Panuco**
- **South Bay Smart Net funding – Status Update**
- **Local Transportation Network – Status Update**

12:40 p. m. Spotlight Presentation: Metro Measure Up! Program Update – Eva Moon (Metro) and Tom Choe (System Metrics Group)

- **Measure Up! Fact Sheet (Attachment C)**

1:25 p. m. Three-Month Look Ahead (Attachment D)

1:30 p. m. Announcements / Adjournment

NOTE: *The June 12, 2019 IWG meeting is open to the public. To include an item on the June 12th agenda, e-mail to lantzsh10@gmail.com by May 31, 2019.*

THIS PAGE LEFT INTENTIONALLY BLANK

**South Bay Cities Council of Governments
Infrastructure Working Group Meeting Notes – April 10, 2019**

Attendees: Chair Stephanie Katsouleas (Manhattan Beach); Vice-Chair Rob Beste (Torrance); Lifan Xu (El Segundo); Kevin Kwak (Gardena); Lucho Rodriguez (Hermosa Beach); Louis Atwell (Inglewood); Carla Dillon (Lomita); Ted Semaan & Didar Khandker (Redondo Beach); Greg Grammer & David Wahba (Rolling Hills Estates); Jimmy Shih (Caltrans); William Johnson & Patrick Smith (LA County DPW); Catherine Saint (Metro); Steve Lantz & David Leger (SBCCOG); David Grethen (Hermosa Beach PW Commission); Vicky Jodoin (Dewberry); Jei Mercado (EtherWAN); Irene Lee Wyatt (FPL); Rawad Hani (General Technology Solutions); Jeanne Ogar, Glenn LaJoie & Jen Johnson (GPA); Eric Spangler (Michael Baker); Mary Santamaria (Multiplicity); Aaron Edwards (NexTech);

I. **Self-Introductions and Approval of March 13, 2019 Meeting Notes** – Chair Stephanie Katsouleas called the meeting to order at 12:03 pm. The March 13, 2019 meeting notes were approved without objection.

II. **Agency & Other Reports**

SBCCOG: No report given. Mr. Lantz noted that Jacki Bacharach was speaking at the San Gabriel Valley COG General Assembly on the SBCCOG's Smart-Net project.

South Bay Traffic Forum, LA County DPW: Patrick Smith reported the following: The Centrac System project is scheduled for Board of Supervisors' approval in August 2019; Bid package is under development for the Arterial Performance Measurement Project with advertising expected in June 2019; System Detection Analysis project is about to enter design. For more details on these and other TSSP projects, the entire report can be viewed online at:

http://southbaycities.org/sites/default/files/infrastructure/HANDOUT_April%202019%20South%20Bay%20Traffic%20Forum%20Report.pdf

Caltrans: Mr. Shih reported that the 405/Crenshaw project is still on schedule and is expected to be listed for construction in March 2020. Work also continues on the 405/110 interchange project. Mr. Shih also reported that applications for the SB1 Trade Corridor Enhancement Program are due March 2020 and applications for the SB1 Solutions for Congested Corridors Program are due January 2020. Mr. Shih noted that almost all of the South Bay projects were included in the PCH CAPM project.

L. A. Metro Updates

- **L.A. Metro Board:** Ms. Saint reported the following: the Metro Board approved \$15M for transit service on the 110/10 ExpressLanes (Torrance Transit and GTrans both received funding); the Board also approved free transit service on Earth Day; the Measure R SBHP budget request will be going to the Metro Board in May; The I-405 (El Segundo to Artesia) is in the environmental phase; a dual PSR/PAED will be done for the I-405 from Wilmington to the I-110; Measure M projects are still under review by Metro staff.
- **Metro TAC & Streets and Freeways Sub-Committee:** Mr. Semaan reported that there wasn't a significant agenda this month, with the Vermont Corridor project being the main presentation. Metro is looking at a BRT and light rail option, with BRT being the recommendation due to cost differences. No Streets and Freeways report.
- South Bay Representation on Metro TAC & Streets and Freeways Sub-Committee: One person volunteered to serve. Mr. Lantz asked for volunteers for TAC to contact him.

III. **Measure R SBHP**

- **Annual Program Evaluation Tool and Summary Table**

Mr. Leger reviewed the updated APE report and explained that projects *potentially* needing funding agreement amendment time extensions were highlighted in yellow. If the expiring funds have already been expended, no amendments are needed. If there are any errors noted, let Mr. Leger know so the edits can be made.

The report can be viewed online at:

http://southbaycities.org/sites/default/files/infrastructure/HANDOUT_March%202019%20APE%20Report.pdf

IV. **Measure M MSPs**

- **MSP 5-Year Project Lists – Status Update**

Mr. Lantz reported that the initial project list was submitted to Metro on February 15th and the subsequent list of 5 projects was submitted on March 29th. Metro has 60 days to respond to the submissions. Mr. Lantz explained that Metro will likely have a list of projects they're ready to approve, projects that need modification, and projects they see as

ineligible. In the latter two situations, Metro will need to sit down with the project applicant to discuss the issue(s). Mr. Lantz added that after the list of projects is finalized, the Metro Board will take action to officially approve the initial 5-year program of projects. After that, the lead agency can enter into a funding agreement with Metro.

Ms. Saint indicated that it's likely that funding agreements will be executed late in 2019.

Mr. Lantz then discussed the SBCCOG's Broadband/SmartNet MSP application. Mr. Lantz explained that Metro staff has indicated it's ineligible because it does not have applications already identified and does not address delay on its own. Cities have begun sending letters of support to the Metro Board, urging them to include the project. The SBCCOG believes the project is eligible for MSP funding because it will enable the reduction of demand on the road network, thereby reducing delay, despite not physically improving the roadway such as with a traditional road project. Mr. Lantz noted that the SBCCOG is also looking into other sources of funding, including SB1 funds as well as surplus ExpressLanes revenue.

Chair Katsouleas added that it is crucial for cities to send it letters of support because it will show Metro that the cities are interested in this project and that it's not just a project being pushed by the SBCCOG.

V. Other Updates

– Caltrans South Bay Projects Update

Item was covered above under Agency and Other Reports.

– Metro's LA County Curbside Mobility Demand Discussion Forum

Mr. Lantz explained that there is a growing issue surrounding how cities manage the curb. The SBCCOG hosted a CITT Workshop Series that began looking into the issue. Metro has developed a working group to begin developing a master plan that would help discuss curbside issues as they relate to the over goods movement/freight issues. This will be particularly relevant as part of the SBCCOG's Local Travel Network project.

VI. Spotlight Presentation

– EtherWAN Technology Overview

Jei Mercado (EtherWAN) presented on the importance of networking signals across city boundaries and how it relates to ITS/traffic for cities. Mr. Mercado provided a brief background on EtherWAN which was started in 1996 by NASA Engineers with the ultimate goal of increasing public safety through communications. Mr. Mercado touched on how networking and ITS impact a city day to day; the need to create a secure and reliable communications system; and best practices for network design for scalability and ease of use. For more details, the presentation is available online at:

http://southbaycities.org/sites/default/files/infrastructure/Presentation_Etherwan%20Technologies_0.pdf

VII. Three-Month Look Ahead – Received and filed.

VIII. Announcements & Adjournment

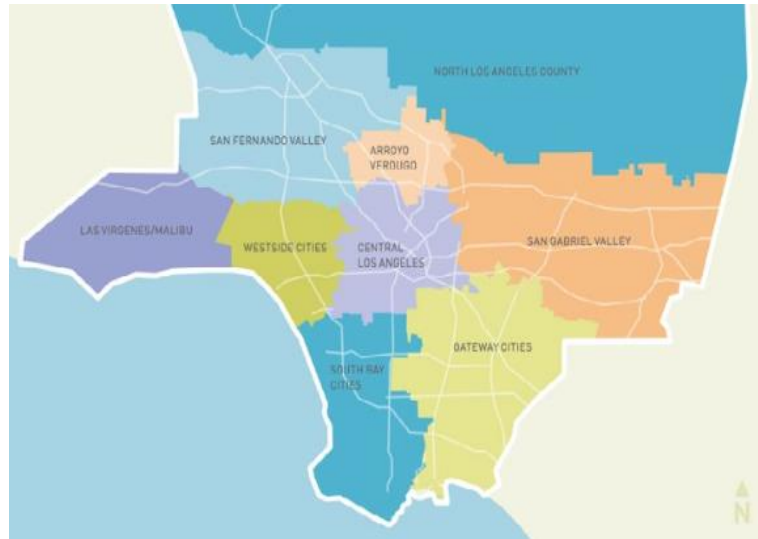
Chair Katsouleas adjourned the meeting at 1:02 pm until May 8, 2019 (it will be staff-only meeting). To include an item on the agenda, please email Steve Lantz (lantzsh10@gmail.com) by April 30, 2019.

Pilot Extension Project Fact Sheet

Attachment C

Background

Over the years, the Los Angeles County Metropolitan Transportation Authority (Metro) has been closely collaborating with its local partner agencies to implement a wide range of arterial improvements including signal synchronization, ITS investments, and bus speed improvements to improve mobility and reliability in the County. Understanding how well a transportation system performs would greatly help target the right projects to address local and regional mobility and reliability needs.



In 2014, Metro conducted the Arterial Performance Measurement Framework initiative to assess the feasibility of developing a countywide Arterial Performance Measurement Program. The study demonstrated that the concept of a countywide Arterial Performance Measurement Program is feasible. To further provide a proof of concept, the Arterial Performance Measurement Pilot was initiated in 2017 to test a vendor analytical package within a subregion of Los Angeles County (LA County). In January 2018, Metro began the Pilot test with procuring Iteris iPeMS for a 12-month duration. This Pilot included historical speed and travel time data with select volume data in the San Gabriel Valley. This Pilot Extension will extend the original pilot test with real-time and historical data for the Los Angeles County region.

Arterial Performance Measurement Pilot Extension

The Arterial Performance Measurement Pilot will test the effectiveness of a performance monitoring analytical package for LA County's complex arterial and highway system. The purpose of this pilot is to evaluate an analytics package that could best serve LA County and its subregions. The objectives of this Pilot Project are to:

- Evaluate and test an Arterial Performance Monitoring Tool to assess arterial network performance.
- **Pilot test is now available to all subregions in LA County**
- Utilize comprehensive arterial volume and travel time data.
- Collect user group input and assessments.

Using a combination of recent third-party speed data and volume data collected as part of the Countywide Baseline Conditions project, the Pilot Project will evaluate the performance of arterials using metrics described in Arterial Performance Measurement Program. Performance measures will include average speeds and travel times, vehicle and person miles traveled, and vehicle and person hours of delay

Vendor Analytical Tool

Key elements of the Arterial Performance Measurement Pilot's vendor analytical tool includes:

- A countywide cloud-based dashboard available to local agencies.
- Ability to evaluate arterials within an LA County subregion.
- Builds on data collected in the Countywide Baseline Conditions Analysis, including traffic count and speed data.
- Allows for customizable reporting on arterial performance for a variety of metrics.
- Customizable routes to evaluate a variety of facilities and services.
- Streamlines the process for reporting on arterial performance projects.
- **HERE Real time speed data with coverage of LA County**
- **1 year of archived speed data for 2018**
- **Volume (at select arterials)**

Based on an evaluation of transportation performance measures, usability, technical and cost criteria as described in the Arterial Performance Measurement Framework, iPeMS® offered the most applicable use for the Arterial Performance Measurement Pilot.

As of January 2018, the Arterial Performance Measurement Pilot analytical tool is available for public agencies to demonstrate and use. To access the analytical tool, please go to the following link:

<https://metro.iteris-pems.com>

Create an account using your agency email address. Account applications submitted with a pre-authorized agency e-mail will receive an automated account approval message within a few minutes. All other applications are reviewed within 1-2 business days by project personnel.

Pilot Extension Project Timeline

January to August 2019

Contact Us:

For more information about the Arterial Performance Measurement Pilot project, please contact:

Eva Pan Moon

(213) 418-3285

PanE@metro.net

Shrota Sharma

(213) 418-3058

SharmaS@metro.net

South Bay Measure R / Measure M Highway Programs

| May 2019 | June 2019 | July 2019 |
|--|--|--|
| <p>8. IWG Agency Staff Meeting</p> <ul style="list-style-type: none"> • Measure M MSP Projects Update • Measure R SBHP Project APE Report • Spotlight: Metro Measure Up Update Presentation <p>13. SBCCOG Transportation Committee</p> <ul style="list-style-type: none"> • SBHP Project APE Report • South Bay Measure M MSP Development Program Update <p>13. SBCCOG Steering Committee</p> <p>16. Measure M Task Force</p> <ul style="list-style-type: none"> • Measure M South Bay MSP Development Program Update <p>23. Metro Board Meeting</p> <ul style="list-style-type: none"> • Approval of SBHP Metro Budget Request <p>23. SBCCOG Board Meeting</p> | <p>10. SBCCOG Transportation Committee</p> <ul style="list-style-type: none"> • SBHP Project APE Report • South Bay Measure M MSP Development Program Update <p>10. SBCCOG Steering Committee</p> <p>12. IWG Agency Public Meeting</p> <ul style="list-style-type: none"> • SBHP Project APE Report • Spotlight: To be determined <p>20. Measure M Task Force</p> <p>27. Metro Board Meeting</p> <ul style="list-style-type: none"> • Approval of MSP 5-Year Project Plans • Approval of Metro/SBCCOG SBHP Funding agreement <p>27. SBCCOG Board Meeting</p> | <p>8. SBCCOG Transportation Committee</p> <ul style="list-style-type: none"> • SBHP Project APE Report • South Bay Measure M MSP Development Program Update <p>8. SBCCOG Steering Committee</p> <p>10. IWG Agency Public Meeting</p> <ul style="list-style-type: none"> • SBHP Project APE Report • Spotlight: To be determined <p>17. Measure M Task Force</p> <p>25. Metro Board Meeting</p> <p>25. SBCCOG Board Meeting</p> |

THIS PAGE LEFT INTENTIONALLY BLANK