



401 B Street, Suite 800
 San Diego, CA 92101-4231
 (619) 699-1900
 Fax (619) 699-1905
 sandag.org

MEETING NOTICE AND AGENDA

SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

The San Diego Regional Traffic Engineers Council (SANTEC) may take action on any item appearing on this agenda.

Thursday, April 20, 2017

9:30 to 11:30 a.m.

SANDAG, 7th Floor Conference Room
 401 B Street, Suite 800
 San Diego, CA 92101

Please take the elevator to the 8th floor to access the meeting room.

Staff contact: Peter Thompson
 (619) 699-4813
 peter.thompson@sandag.org

AGENDA HIGHLIGHTS

- **CITY OF SAN DIEGO SMART STREET LIGHT PROGRAM**
- **CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES REVISION 2**
- **TRUCK VISUALIZATION PROJECT**

*SANDAG offices are accessible by public transit.
 Phone 511 or visit 511sd.com for route information.
 Secure bicycle parking is available in the building garage off Fourth Avenue.*

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting.

To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.

MEMBER AGENCIES

Cities of
 Carlsbad
 Chula Vista
 Coronado
 Del Mar
 El Cajon
 Encinitas
 Escondido
 Imperial Beach
 La Mesa
 Lemon Grove
 National City
 Oceanside
 Poway
 San Diego
 San Marcos
 Santee
 Solana Beach
 Vista
 and
 County of San Diego

ADVISORY MEMBERS

Imperial County
 California Department
 of Transportation
 Metropolitan
 Transit System
 North County
 Transit District
 United States
 Department of Defense
 San Diego
 Unified Port District
 San Diego County
 Water Authority
 Southern California
 Tribal Chairmen's Association
 Mexico



Welcome to SANDAG. Members of the public may speak to the Working Group on any item at the time the Working Group is considering the item. Please complete a Speaker's Slip, and then present the slip to the Clerk of the Working Group. Members of the public may address the Working Group on any issue under the agenda item entitled Public Comments/Communications/Member Comments. Public speakers are limited to three minutes or less per person unless otherwise directed by the Chair. The Working Group may take action on any item appearing on the agenda.

Public comments regarding the agenda can be sent to SANDAG via comment@sandag.org. Please include the agenda item, your name, and your organization. Email comments should be received no later than 12 noon, two working days prior to the meeting. **Any handouts, presentations, or other materials from the public intended for distribution at the meeting should be received by the Clerk of the Working Group no later than 12 noon, two working days prior to the meeting.**

In order to keep the public informed in an efficient manner and facilitate public participation, SANDAG also provides access to all agenda and meeting materials online at sandag.org/meetings. Additionally, interested persons can sign up for e-notifications via our e-distribution list at either the SANDAG website or by sending an email request to webmaster@sandag.org.

SANDAG operates its programs without regard to race, color, and national origin in compliance with Title VI of the Civil Rights Act. SANDAG has developed procedures for investigating and tracking Title VI complaints and the procedures for filing a complaint are available to the public upon request. Questions concerning SANDAG nondiscrimination obligations or complaint procedures should be directed to SANDAG General Counsel, John Kirk, at (619) 699-1997 or john.kirk@sandag.org. Any person who believes himself or herself or any specific class of persons to be subjected to discrimination prohibited by Title VI also may file a written complaint with the Federal Transit Administration.

In compliance with the Americans with Disabilities Act (ADA), SANDAG will accommodate persons who require assistance in order to participate in SANDAG meetings. If such assistance is required, please contact SANDAG at (619) 699-1900 at least 72 hours in advance of the meeting. To request this document or related reports in an alternative format, please call (619) 699-1900, (619) 699-1904 (TTY), or fax (619) 699-1905.

SANDAG agenda materials can be made available in alternative languages. To make a request call (619) 699-1900 at least 72 hours in advance of the meeting.

Los materiales de la agenda de SANDAG están disponibles en otros idiomas. Para hacer una solicitud, llame al (619) 699-1900 al menos 72 horas antes de la reunión.

如有需要, 我们可以把SANDAG议程材料翻译成其他语言.

请在会议前至少 72 小时打电话 (619) 699-1900 提出请求.

SANDAG offices are accessible by public transit.

Phone 511 or visit 511sd.com for route information. Bicycle parking is available in the parking garage of the SANDAG offices.

To access the meeting room please arrive on the 8th floor.



SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

Thursday, April 20, 2017

ITEM NO.	RECOMMENDATION
-----------------	-----------------------

1.	INTRODUCTIONS	
----	---------------	--

2.	PUBLIC COMMENTS/COMMUNICATIONS/MEMBER COMMENTS	
----	--	--

Members of the public shall have the opportunity to address the San Diego Regional Traffic Engineers Council (SANTEC) on any issue within the jurisdiction of SANDAG that is not on this agenda. Anyone desiring to speak shall reserve time by completing a "Request to Speak" form and giving it to the meeting coordinator prior to speaking. Public speakers should notify the meeting coordinator if they have a handout for distribution to SANTEC members. Public speakers are limited to three minutes or less per person. SANTEC members also may provide information and announcements under this agenda item.

+3.	APPROVAL OF MEETING MINUTES	
-----	-----------------------------	--

APPROVE

SANTEC is asked to review and approve the minutes from its March 16, 2017, meeting.

REPORTS

4.	CITY OF SAN DIEGO SMART STREET LIGHT PROGRAM (Lorie Cosio-Azar, City of San Diego Environmental Services Department)	
----	---	--

INFORMATION

After the successful conclusion of a street lighting study and subsequent pilot project completed in August 2016, the City of San Diego has moved forward with a significant expansion of smart street lights. Following on from the presentation to SANTEC in late 2015, Lorie Cosio-Azar, Energy and Sustainability Program Manager for the City of San Diego Environmental Services Department, will provide members with a recap of the initial study's intent and findings, lessons learned from the pilot project, and an overview of the upcoming deployment.

5.	CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES REVISION 2 (Zoubir Ouadah, County of San Diego)	
----	---	--

INFORMATION

Zoubir Ouadah (County of San Diego) will provide an update on the Caltrans approved California Manual on Uniform Traffic Control Devices (CA MUTCD) 2014 Revision 2, to provide uniform standards and specifications for all official traffic control devices in California. Caltrans has received a letter from the Federal Highway Administration (FHWA) confirming substantial conformance for the CA MUTCD 2014, Revision 2 edition. The revised CA MUTCD includes the FHWA's Manual on Uniform Traffic Control Devices, policies on traffic control devices issued by Caltrans since December 9, 2015, and other corrections and format changes. This action, effective April 20, 2017, was taken pursuant to the provisions of California Vehicle Code Section 21400 and the recommendations of the California Traffic Control Devices Committee.

ITEM NO.		RECOMMENDATION
6.	<p data-bbox="267 155 899 182">TRUCK VISUALIZATION PROJECT (Scott Strelecki)</p> <p data-bbox="267 226 1193 323">Staff will provide an update on the truck visualization project. This will include a review of draft technical memorandums, including discussion on visualization tools.</p>	INFORMATION
+7.	<p data-bbox="267 371 537 399">CALTRANS UPDATES</p> <p data-bbox="267 443 1193 506">Caltrans staff will provide an update on various local programs, funding program deadlines, and announcements regarding upcoming conferences.</p>	INFORMATION
8.	<p data-bbox="267 554 1159 617">CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE MEETING BRIEFING</p> <p data-bbox="267 659 1193 722">Staff will provide an overview of the Cities/County Transportation Advisory Committee discussion items presented during its April 2017 meeting.</p>	INFORMATION
9.	<p data-bbox="267 770 618 798">MATTERS FROM MEMBERS</p> <p data-bbox="267 837 1193 863">SANTEC members are encouraged to discuss additional topics of general interest.</p>	INFORMATION
10.	<p data-bbox="267 911 773 938">UPCOMING MEETINGS/AGENDA ITEMS</p> <p data-bbox="267 980 1193 1077">SANTEC members are asked to provide input to staff on possible items for future meeting agendas. The next SANTEC meeting is scheduled for Thursday, May 18, 2017, at 9:30 a.m.</p>	DISCUSSION/ POSSIBLE ACTION

+ next to an item indicates an attachment

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

April 20, 2017

AGENDA ITEM NO.: **3**

Action Requested: APPROVE

MARCH 16, 2017, MEETING MINUTES

File Number 7300500

The meeting of the San Diego Traffic Engineers Council (SANTEC) was called to order by Chair Kathy Feilen (City of La Mesa) at 9:43 a.m.

1. INTRODUCTIONS

Members of the SANTEC and of the public introduced themselves.

2. PUBLIC COMMENTS

There were no public comments.

3. APPROVAL OF MEETING MINUTES (APPROVE)

Upon a motion by Ali Shahzad (City of Escondido), and a second by Zoubir Ouadah (County of San Diego), the SANTEC approved the minutes of the September 15, 2016, October 20, 2016, and December 15, 2016, meetings.

Action: Chair Feilan, Joshua Reese (Caltrans), Eddie Flores (City of Chula Vista), Ryan Zellars (City of Del Mar), Mario Sanchez (City of El Cajon), Luke Baker (City of Encinitas), Mr. Shahzad, David Di Pierro (City of Oceanside), Jon Collins (City of Poway), Minjie Mei (City of Santee), Duncan Hughes (City of San Diego), Jim Greenstein (City of Solana Beach), and Mr. Ouadah. No – None. Abstain – None. Absent – City of Carlsbad, City of Coronado, City of Imperial Beach, City of Lemon Grove, City of National City, City of San Marcos, City of Vista, Metropolitan Transit System (MTS), and North County Transit District (NCTD).

CHAIR'S REPORTS

4. NOMINATION AND ELECTION OF THE SANTEC CHAIR AND VICE CHAIR (APPOINT)

Upon a motion by Mr. Ouadah, seconded by Mr. Zellars, Mr. Ouadah was nominated as the SANTEC Vice Chair for 2017.

Action: Chair Feilan, Mr. Reese, Mr. Flores, Mr. Zellars, Mr. Sanchez, Mr. Baker, Mr. Shahzad, Mr. Di Pierro, Mr. Collins, Mr. Mei, Mr. Hughes, Mr. Greenstein, and Mr. Ouadah. No – None. Abstain – None. Absent – City of Carlsbad, City of Coronado, City of Imperial Beach, City of Lemon Grove, City of National City, City of San Marcos, City of Vista, MTS, and NCTD.

5. 2017 MEMBERSHIP LIST, UPCOMING ELECTIONS, AND OTHER ADMINISTRATIVE ITEMS (INFORMATION)

Staff provided members with a copy of the 2017 SANTEC Membership List, and requested any amendments be submitted to staff support at member's earliest convenience. Staff then directed the attention of members to the Form 700 handout, providing information on instructions for making this year's submission and the 2017 deadlines.

REPORTS

6. REGIONAL ARTERIAL MANAGEMENT SYSTEM UPDATES (DISCUSSION/POSSIBLE ACTION)

Stan Glowacki, Senior Information Systems Analyst, provided members with an update on upgrades that were currently underway for the Regional Arterial Management System (RAMS), including carrier network upgrades, server hardware, communications hardware, and software upgrades. Staff reported that due to unforeseen delays in accessing aging serial line communications interface hardware, the project had been delayed by three to six months, impacting project completion on a day-to-day basis. SANTEC members questioned staff on the newly installed carrier network, and whether the updated software would support varying configurations. Staff provided insight into scheduled activities completed, or those scheduled for deployment in the next 3 to 6 months for each of the 14 participating member agencies. Staff then discussed early stage support activities covered by the RAMS fund pool allocation, and sought member recommendation for the fund pool allocations be to sent to the Cities/County Transportation Advisory Committee (CTAC) for authorization.

Upon a motion by Mr. Ouadah, seconded by Mr. Collins, a motion to "Recommend that the RAMS fund pool allocation be forwarded to CTAC for consideration and approval of 2018 financial year contribution" was entered.

Action: Chair Feilan, Mr. Reese, Mr. Flores, Mr. Zellars, Mr. Sanchez, Mr. Baker, Mr. Shahzad, Mr. Di Pierro, Mr. Collins, Mr. Mei, Mr. Hughes, Mr. Greenstein, and Mr. Ouadah. No – None. Abstain – None. Absent – City of Carlsbad, City of Coronado, City of Imperial Beach, City of Lemon Grove, City of National City, City of San Marcos, City of Vista, MTS, and NCTD.

7. INTEGRATED CORRIDOR MANAGEMENT PROJECT UPDATE (DISCUSSION/POSSIBLE ACTION)

Alex Estrella, Senior Transportation Planner, provided members with an update on the lessons learned while operating the Integrated Corridor Management (ICM) system from it's original 'go-live' date in 2013 to present. Staff discussed how the ICM has been an effective institutional integration tool, providing the users of the system with operational visibility to the corridors unified management view of multi-jurisdictional multi-modal operational systems deployed along the Interstate 15 (I-15). Staff noted this increased visibility, improved the willingness of agencies to cede control under defined scenarios, and enabled faster response to both predicted and existing conditions. Staff provided members with a demonstration of the 'live' ICM system, and invited members interested in gaining access to the system for the purposes of familiarizing themselves with its capabilities to fill out and submit back to SANDAG a 'new user' account form.

SANTEC members shared personal experience on the I-15 with ICM deployed, requesting feedback on the operational scenarios the system addresses, and on future plans of SANDAG to extend the system to other corridors now that it had transitioned from being a federally-funded pilot project into an operational tool.

8. CALTRANS UPDATES (INFORMATION)

Bing Luu (Caltrans) provided members with a District Local Assistance Engineer update for the month of March 2017. Mr. Luu provided verbal guidance on the handout, including information on:

- Emergency relief funds available from Federal Highway Administration (FHWA) for relief projects after the January 2017 storm event
- Upcoming Southern California Local Assistance management meeting
- California Federal Lands Access Program 2017 Call for Projects
- Posting of training and materials resulting from the recent FHWA/California Local Technical Assistance Program collaboration on roadway safety to the Local Assistance Roadway Safety Training and Materials website
- Update to the 2017 Local Programs Procedures Manual
- Projects soon to be flagged as 'inactive'
- Subsidized classes for local agencies
- Upcoming California Transportation Planning conference
- A new Division of Local Assistance blog and email distribution list

9. CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE MEETING BRIEFING

Mr. Sanchez provided members with an update on the March CTAC meeting; noting presentations on the Regional Transportation Congestion Improvement Program update, Measure A analysis, and various bike programs/projects around the region.

10. MATTERS FROM MEMBERS

Members discussed matters related to open data policy, active transportation management, autonomous vehicle proving grounds, revenue offers for access to signal data, and traffic impact study guidelines.

11. UPCOMING MEETINGS/AGENDA ITEMS (DISCUSSION/POSSIBLE ACTION)

Vice Chair Bilse adjourned the meeting at 11:15 a.m.

**SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL
 MEETING ATTENDANCE FOR MARCH 16, 2017**

JURISDICTION/ORGANIZATION	NAME	ATTENDING	COMMENTS
City of La Mesa	Kathy Feilen, Chair	Yes	
City of Carlsbad	Doug Bipse, Vice Chair	Yes	Arrived late after the voting
Caltrans	Joshua Reese	Yes	
City of Chula Vista	Eddie Flores	Yes	
City of Coronado	Jim Newton	No	
City of Del Mar	Ryan Zellers	Yes	
City of El Cajon	Mario Sanchez	Yes	
City of Encinitas	Luke Baker	Yes	
City of Escondido	Ali Shahzad	Yes	
City of Imperial Beach	Hank Levien	No	
City of Lemon Grove	Pat Lund	No	
City of National City	Alynn Sun	Yes	
City of Oceanside	David Di Pierro	Yes	
City of Poway	Jon Collins	No	
City of San Diego	Duncan Hughes	Yes	
City of San Marcos	Paul Vo	No	
City of Santee	Minjie Mei	Yes	
City of Solana Beach	Jim Greenstein	Yes	
City of Vista	Sam Hasenin	No	
County of San Diego	Zoubir Ouadah	Yes	
Metropolitan Transit System	Mark Thompson	No	
North County Transit District	Bruce Smith	No	
OTHER ATTENDEES			
Bing Luu, Caltrans Jon Collins, Kimley Horn Kevin Drummond, McCain, Inc. David Leingang, McCain, Inc. Brian Wagner, McCain, Inc. Ellison Alegre, SANDAG			



California Department of Transportation (Caltrans), District 11
DISTRICT LOCAL ASSISTANCE ENGINEER (DLAE) UPDATE
San Diego Regional Traffic Engineers Council (SANTEC)
April 20, 2017

Start of Review for Emergency Relief Projects from January-February 2017 Storms Event

The Federal Highway Administration (FHWA) released Emergency Relief (ER) funds for the January-February 2017 Storms Disaster Event, \$10 million of which is immediately available for Local Agency ER authorization requests on projects associated with this event (CA 17-2).

Clarification: The specific dates of this Disaster were January 3 through February 28, 2017.

Review of Damage Assessment Form (DAF) drafts is now underway. If Caltrans and/or FHWA needs verification of work scope, funding eligibility, etc., an unsigned draft of the DAF may be submitted with as much supporting material as possible to make an eligibility or other needed determination. Agencies should not delay DAF completion with considerable statewide competition for federal disaster funds. The earlier FHWA approves a DAF, the greater an opportunity for securing federal funds.

Funding will be distributed on a “first come-first served” basis to applicants requesting authorization. More information is available at the following link:

<http://dot.ca.gov/hq/LocalPrograms/erp/erp.html>

Inactive Projects

SANDAG and the County of San Diego, as well as cities of Carlsbad, Encinitas, La Mesa, National City, San Diego, Santee, and Vista, have projects flagged for inactivity in submitting a project invoice. Please submit an invoice to the District by **May 19, 2017**, if you have not yet done so.

In addition, SANDAG and the County of San Diego, as well as cities of Chula Vista, El Cajon Escondido, La Mesa, National City, Oceanside, San Diego, San Marcos, and Vista have projects **that will soon be** flagged for inactivity. Please submit an invoice to the District before **August 21, 2017**.

A complete list of inactive projects can be found at the link provided below.

<http://www.dot.ca.gov/hq/LocalPrograms/Inactiveprojects.htm>

June 20, 2017: Highway Bridge Program Training at Caltrans District Office in San Diego

Managers of the Highway Bridge Program in Local Assistance at Caltrans-HQ will be delivering free training on Tuesday, June 20.

The tentative class time would be 10:00 – 3:00, including a one-hour lunch break. As soon as possible, please advise with the number of representatives from your respective agencies who are interested and available then. To enroll, email Debora Ledesma-Ribera at Debora.Ledesma-Ribera@dot.ca.gov or contact your Area Engineer.

Architectural & Engineering (A&E) Contract Training Survey

A&E Contract Training is one of the many great tools that Caltrans Local Assistance provides to local agencies. The goal of this survey is to receive feedback that allows us to focus on your agencies' needs pertaining to the success of procuring A&E consultant contracts.

Please allow a few minutes to complete our short survey:

<https://www.surveymonkey.com/r/D8DLKWR>



**California Department of Transportation (Caltrans), District 11
DISTRICT LOCAL ASSISTANCE ENGINEER (DLAE) UPDATE
San Diego Regional Traffic Engineers Council (SANTEC)
April 20, 2017**

New Consultant Procurement Manual for Local Assistance

The *Consultant Procurement Manual* is now available for local agencies to adopt their own A&E procurement procedures. This manual only supplements Chapter 10, "Consultant Selection" in the *Local Assistance Procedures Manual*. For more helpful tools and guidance, please refer to the Caltrans Local Assistance A&E page:

<http://www.dot.ca.gov/hq/LocalPrograms/AE>

Roadway Safety Training and Materials

FHWA, in collaboration with Caltrans, the California Local Technical Assistance Program (LTAP) Center, and the County Engineers Association of California, recently held training on Roadside Safety Systems Design, Inspection and Maintenance, specifically Guardrail and End Terminals. LTAP recorded this 2016 training into seven sessions, which is now available on the Caltrans Local Assistance Roadway Safety Training and Materials website. Also posted are the participants' notebook, roadside safety pocket guide and five technical briefs.

The target audience includes designers, inspectors, and maintenance staff who have direct responsibility for designing, installing, inspecting or maintaining traffic barriers (including end terminals, barrier transitions and crash cushions).

<http://www.dot.ca.gov/hq/LocalPrograms/HSIP/training.htm>

Reminder: Subsidized Classes for Local Agencies

California LTAP is a jointly funded effort between FHWA and Caltrans to provide local governments with training, information, technology and direct assistance to help improve transportation infrastructure. Upcoming classes are listed by following the link provided below:

registration.techtransfer.berkeley.edu/wconnect/ShowSchedule.awp?&Mode=GROUP&Group=:FULL&Title=Complete+Listing

Federal Aid Series

The next training on June 12-16, 2017 (Los Angeles) is at capacity. However, District 11 plans to host this series in the next fiscal year. Please check for updates through the LTAP online registration link below:

<http://www.californialtap.org/index.cfm?pid=1077>

Resident Engineers Academy

April 24-27, 2017	San Jose, CA
May 22-25, 2017	San Francisco, CA
June 5-8, 2017	Los Angeles, CA

Interested participants must request admission by emailing Debora Ledesma-Ribera at Debora.Ledesma-Ribera@dot.ca.gov. Upon completion of the priority registration list, those who have been admitted will receive online registration instructions via email.