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MEETING NOTICE AND AGENDA

SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

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

Thursday, June 19, 2014

9:30 to 11:30 a.m.

SANDAG, 7th Floor Conference Room
 401 B Street, Suite 800
 San Diego, CA 92101-4231

CHAIR: Hassan Husenin, City of Vista
 VICE CHAIR: Michael Kenney, County of San Diego

Staff Contact: Peter Thompson
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AGENDA HIGHLIGHTS

- **SENATE BILL 743: UPDATE ON OFFICE OF PLANNING AND RESEARCH OUTREACH**
- **CITY OF SAN DIEGO: THE DEPLOYMENT OF INNOVATIVE BIKEWAY SOLUTIONS**
- **COUNTY OF SAN DIEGO: BEST PRACTICES IN YELLOW TIMING**

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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
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 Unified Port District
 San Diego County
 Water Authority
 Southern California
 Tribal Chairmen's Association
 Mexico

SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

Thursday, June 19, 2014

ITEM NO.		RECOMMENDATION
1.	INTRODUCTIONS	
2.	PUBLIC COMMENTS	
	<p>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 SANTEC coordinator prior to speaking. Public speakers should notify the SANTEC coordinator if they have a handout for distribution to working group members. Public speakers are limited to three minutes or less per person. SANTEC members also may provide information and announcements under this agenda item.</p>	
3.	APPROVAL OF MEETING MINUTES	APPROVE
	<p>+3A. The SANTEC is asked to review and approve the minutes from its March 20, 2014, meeting.</p>	
	<p>+3B. The SANTEC is asked to review and approve the minutes from its April 17, 2014, meeting.</p>	
	REPORTS	
4.	SENATE BILL 743: UPDATE ON OFFICE OF PLANNING AND RESEARCH OUTREACH	INFORMATION
	<p>Staff will provide SANTEC members an overview of SANDAG response to the Office of Planning and Research (OPR) Call for Comments on Senate Bill 743. Staff will also update members on recent OPR meetings to discuss comments received and approaches being considered.</p>	
5.	CITY OF SAN DIEGO: THE DEPLOYMENT OF INNOVATIVE BIKEWAY SOLUTIONS (Brian Genovese)	DISCUSSION
	<p>SANTEC members will be provided with a presentation from the City of San Diego on recent bikeway construction and implementation projects to encourage more people to use active transportation. This will include program overview, approach to project justification, construction schedules, and challenges faced when deploying new bikeway solutions. SANTEC members are encouraged to attend this presentation to learn more.</p>	
6.	COUNTY OF SAN DIEGO: BEST PRACTICES IN YELLOW TIMING (Michael Kenney)	DISCUSSION
	<p>The County San Diego Traffic Engineer, Michael Kenney, will provide input to the SANTEC members on currently understood best practices in timing the yellow phase. This presentation will address the recent changes in California Traffic Control Devices Committee Standards, and provide input on ensuring compliance.</p>	

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| 7. | CALTRANS UPDATES | INFORMATION |
| | Caltrans will provide an update on various local programs, funding program deadlines, and announcements regarding upcoming conferences. | |
| 8. | CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE MEETING BRIEFING (SANTEC Members) | INFORMATION |
| | SANTEC members will be provided with an overview of Cities/County Transportation Advisory Committee (CTAC) discussion items presented during the CTAC, June 2014 meeting. | |
| 9. | MATTERS FROM MEMBERS | INFORMATION |
| | SANTEC members are encouraged to discuss additional topics of general interest. | |
| 10. | UPCOMING MEETINGS/AGENDA ITEMS | INFORMATION |
| | <ul style="list-style-type: none"> • City of Oceanside "Mission Avenue Upgrades - Lessons Learned" • City of San Diego - Lessons Learned from adaptive signal evaluation • City of Vista: Complete Streets project on South Santa Fe | |

+ next to an agenda item indicates an attachment

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

June 19, 2014

AGENDA ITEM NO.: **3A**

Action Requested: APPROVE

MARCH 20, 2014, MEETING MINUTES

File Number 7300500

The meeting of the San Diego Regional Traffic Engineers Council (SANTEC) was called to order by Hassan Husenin, Chair (City of Vista), at 9:40 a.m.

1. INTRODUCTION

Introductions were made.

2. PUBLIC COMMENTS

No public comments were entered.

3. APPROVAL OF MEETING MINUTES (APPROVAL)

Members review and approval of the March 20, 2014, meeting minutes.

Action: Upon a motion by Ali Shahzad (City of Escondido) and a second by Carlena Darrieulat (Caltrans), the meeting minutes of the March 20, 2014, SANTEC meeting were approved.

Yes: Muna Cuthbert (City of Chula Vista), Ms. Darrieulat, Kathy Feilen (City of La Mesa), Jim Greenstein (City of Solana Beach), Sam Hasenin (City of Vista), Brian Genovese (City of San Diego), Michael Kenney (County of San Diego), Mario Sanchez (City of El Cajon), Luke Baker (City of Encinitas), Minjie Mei (City of Santee), Jim Newton (City of Coronado), Brian Zellars (City of Del Mar); Abstain: None; No: None.

REPORTS

4. CONGESTION MAPPING IN THE CITY OF CARLSBAD (INFORMATION)

At the request of the SANTEC Chair Doug Bilse (City of Carlsbad) provided the SANTEC with an overview of the Bluetooth test bed that has been established in the North County. City staff provided a "live" demonstration of the software in use, noting its ability to report in near real-time the status of the City's network. City staff noted the ease with which equipment was installed and operational, and went on to discuss its intended use in creating a congestion map, conduct travel time studies, and create O-D surveys.

SANTEC members inquired about additional infrastructure needs such as cabinet space, backhaul requirements, and whether the deployed equipment were accessed individually or from a

centralized repository. There was additional discussion on data validation (18 months of experience) and the types of data available (not volumes, but origin/destination and travel times).

City staff then discussed the contracting approach that was being developed with the intent to establish a piggy-back clause within an Request for Proposals (yet to be published) for other cities to follow the Carlsbad lead, in the intent to have a single central resource shared by the regional agencies.

5. CALIFORNIA TRAFFIC CONTROL DEVICES COMMITTEE UPDATE ON PROPOSED SIGNAL TIMING CHANGE (INFORMATION)

Mr. Kenney provided SANTEC members with an update on the pending Assembly Bill 612, which recommended an increase in minimum yellow change intervals by one second at signalized intersections where red light camera enforcement devices are being used in the state.

SANTEC Members discussed the reason for the proposed change, and the schedule required for implementation. The SANTEC members of Caltrans, Carlsbad, and Del Mar led additional detailed discussions about the approach to achieving and maintaining the newly enforceable rules.

6. EMERGING TECHNOLOGY RESEARCH UPDATE - CONNECTED VEHICLES (INFORMATION)

SANDAG staff provided the SANTEC with an overview of the Federal Connected Vehicle Program that may impact Traffic Systems Management and Operations.

Staffs presentation of the current status of the United States Department of Transportation research into vehicle-to-vehicle and vehicle-to-infrastructure communications highlighted three key American Association of State Highway and Transportation Officials Footprint Analysis documents for members to review (Slide 14).

SANTEC Members requested staff to keep them informed of this program.

7. THE REGIONAL MODEL - DYNAMIC TRAFFIC ASSIGNMENT (INFORMATION)

Staff provided an update on the plan for inclusion of a Dynamic Traffic Assignment traffic simulation software package into the Regional Transportation forecast.

During this presentation, staff discussed with SANTEC members the approach to capturing additional data that will be used to correctly simulate the functioning of intersections.

Mr. Bilse offered to provide feedback on the data capture approach prior to sending this out to all agencies. This feedback will ensure that data expected to be captured is reasonable for small- to medium-sized jurisdictions, and that the existing sources of data have been used most effectively to limit the amount of additional information being requested for validation.

8. CALTRANS UPDATES (INFORMATION)

Caltrans provided the SANTEC members with an update on the Active Transportation Program, the Southern Californian Local Assistance Management Meeting, and notified clients of an upcoming "Every Day Counts" webinar.

9. CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE MEETING BRIEFING (INFORMATION)

Mr. Sanchez (Cities/Counties Transportation Advisory Committee [CTAC] Chair) provided SANTEC with an update of CTAC discussion items presented during the February 2014 meeting. These included updates to the *TransNet* Regional Transportation Congestion Improvement Program Fee Adjustment; Smart Growth Concept Map and Board Policy; and *TransNet* Local Streets and Road Program and Expenditure Plan Implementation Guides.

10. MATTERS FROM MEMBERS (INFORMATION)

Mr. Shahzad asked SANTEC members about approaches to migrating AT&T communications infrastructure.

Mr. Genovese notified the SANTEC that the City of San Diego had undertaken a project to evaluate the rhythm engineering equipment on Lusk Boulevard. A future presentation would be offered.

Mr. Genovese discussed the City of San Diego's current efforts to deploy bike lane projects, and agreed to provide a presentation on Lessons Learned back to SANTEC at a future date.

11. UPCOMING MEETINGS/AGENDA ITEMS (INFORMATION)

- Connected Vehicle NHTSA Decision
- Traffic Impact Study Update
- FHWA Green Lanes Guidance
- City of Oceanside "Mission Avenue" Update

The next meeting of the SANTEC is scheduled for April 17, 2014.

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

June 19, 2014

AGENDA ITEM NO.: **3B**

Action Requested: APPROVE

April 17, 2014, MEETING MINUTES

File Number 7300500

San Diego regional Traffic Engineers Council (SANTEC) Chair, Husam Hasenin (City of Vista) called the meeting to order at 9:40 a.m.

1. WELCOME AND INTRODUCTIONS
2. PUBLIC COMMENTS

Members of the public had the opportunity to address the SANTEC on any issue. There were no public comments.

3. APPROVE MEETING MINUTES (APPROVE)

SANTEC members did not achieve a quorum in April. Approval of March meeting minutes was postponed to the May meeting.

CONSENT

4. SAN DIEGO FORWARD: THE REGIONAL PLAN: DRAFT WHITE PAPERS (INFORMATION)

SANDAG staff announced that the Economic Prosperity, Climate Change Mitigation and Adaptation, and Emerging Technologies Draft White Papers will be available at www.sdforward.com for a 45-day public review period. Members were informed that the review period is from April 4 to May 19, 2014. Members were encouraged to provide comments to the white papers via the noted link. White papers will support and provide background information to the development of San Diego Forward: The Regional Plan. Following the public review period, the white papers will be updated to the noted link.

REPORTS

5. STATE AND FEDERAL ACTIVE TRANSPORTATION PROGRAM (INFORMATION)

SANDAG staff presented an overview of the Active Transportation Program, which was created by Senate Bill 99 (Chapter 359, Statutes of 2013) and Assembly Bill 101 (Chapter 354, Statutes of 2013), which encouraged increased use of active modes of transportation, such as biking and walking. Staff's presentation included a summary of the Active Transportation Program (ATP) timeline, funding, and guidelines overview for the SANTEC information.

Staff noted that the ATP consolidates existing federal and state transportation programs, including the Transportation Alternatives Program, Bicycle Transportation Account, and State Safe Routes to School, into a single program and is funded from various federal and state funds appropriate in the

annual Budget Act. Staff also identified that the California Transportation Commission oversight of funding will be awarded in two stages, beginning with a statewide competition that occurred in March 2014, which is to be followed by a regional competition in August 2014.

Discussion centered around procedural aspects of applying to both state and local programs; whether this duplication was necessary; what council resolutions would be required should an award be offered; and which SANDAG Policy Advisory and Working Groups were responsible for reviewing the local guidelines.

6. COMPLETE STREETS DISCUSSION PAPER (DISCUSSION)

Stephan Vance (SANDAG) presented a discussion paper on Complete Streets to Cities/Counties Transportation Advisory Committee (CTAC) members. The discussion paper calls for the development of a comprehensive regional Complete Streets policy, which was a commitment set forth in the 2050 Regional Transportation Plan and its Sustainable Communities Strategy. The purpose of the discussion paper is also to serve as the platform for identifying guiding principles that would support the implementation of the Complete Streets Act of 2008 and help meet greenhouse gas reduction goals established by Senate Bill 375 (Steinberg, 2008). The discussion paper provides an overview of Complete Streets principles and practices and will inform the process of developing a Regional Complete Streets Policy for SANDAG.

SANDAG staff provided a brief overview of the discussion paper, which contains four main sections: (1) defining complete streets: describes Complete Streets as a planning process and details the elements of a comprehensive Complete Streets policy; (2) context and need: describes existing and emerging Complete Streets policies and practices by local jurisdictions within the San Diego region and the legal requirements for Complete Streets planning; (3) best practices: details Complete Streets efforts by regional planning agencies around the country; and (4) implementation: identifies a range of regional implementation options that can be used to support and influence local Complete Streets practices and inform the project development process at SANDAG.

7. REGIONAL ARTERIAL MANAGEMENT SYSTEM UPDATE (DISCUSSION)

SANDAG staff provided an update on the Regional Arterial Management System Regional Maintenance and Support contract and ongoing efforts. The presentation provided SANTEC members with a breakdown of costs through the previous 12 months; and projections for the following 12 months.

Most notable was that support contract costs had not increased. Staff also identified the need to complete a full hardware refresh. In the following 12 months, staff would procure and install new servers, software, and networking equipment under the existing maintenance contract, at no additional cost to agencies participating in the Regional Funds Pool.

8. EMERGING TECHNOLOGY WHITE PAPER REVIEW (DISCUSSION)

SANDAG staff introduced the draft Emerging Technology White Paper to CTAC members and provided a brief overview of the white paper's three key areas: (1) emerging vehicle technologies, such as connected and autonomous vehicles; (2) emerging transportation infrastructure technologies, such as electric corridor charging and mobility hubs; and (3) other emerging technologies that are typically outside of the transportation field yet have influence on travel demand, such as teleworking and traveler information systems. SANTEC members did not have questions at this time.

9. CALTRANS UPDATES (INFORMATION)

No updates were available at this time.

10. CCTAC (INFORMATION)

Members were provided with an update on the CTAC meeting by SANDAG staff. It was noted by SANDAG staff that many of the items on the current SANTEC agenda had previously been presented at CTAC, including Items 4, 5, and 6 on the current agenda.

11. MATTERS FROM MEMBERS (INFORMATION)

Members discussed lessons learned from the use of differing paint products used in the marking of crosswalks.

12. UPCOMING MEETINGS/AGENDA ITEM (INFORMATION)

Members were provided with a list of upcoming topics, and provided feedback to SANDAG staff on possible other topics of interest to the Council.

The next SANTEC meeting will be Thursday, May 15, 2014.