



MEETING NOTICE AND AGENDA

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SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL (SANTEC)

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

Thursday, December 18, 2014

9:30 to 11:30 a.m.

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

Staff Contact: Peter Thompson
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AGENDA HIGHLIGHTS

- **SAN DIEGO FORWARD: THE REGIONAL PLAN: REGIONAL PARKING MANAGEMENT TOOLBOX**
- **PASEO SANTA FE STREETScape AND INFRASTRUCTURE PROJECT**
- **CITY OF SAN DIEGO - ENERGY EFFICIENCY FUNDED PROJECTS**

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MEMBER AGENCIES

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Chula Vista
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El Cajon
Encinitas
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Imperial Beach
La Mesa
Lemon Grove
National City
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Poway
San Diego
San Marcos
Santee
Solana Beach
Vista
and
County of San Diego

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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, December 18, 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>The SANTEC is asked to review and approve the minutes from its:</p> <p>+3a. October 16, 2014, meeting.</p> <p>+3b. November 20, 2014, meeting.</p>	
CHAIR'S REPORT		
4.	NORTH COUNTY SANTEC MEETING	DISCUSSION/ POSSIBLE ACTION
	<p>SANTEC members are asked to nominate a location for a North County SANTEC meeting to be held in February 2015.</p>	
REPORTS		
+5.	SAN DIEGO FORWARD: THE REGIONAL PLAN: REGIONAL PARKING MANAGEMENT TOOLBOX (Antoinette Meier)	INFORMATION
	<p>Last year, staff presented outcomes of a local parking policy inventory for the San Diego region. Since then, stakeholder outreach and case study research have been conducted to inform the development of a Regional Parking Management Toolbox. Staff has developed an interactive, web-based document that will assist local jurisdictions and communities with designing and implementing parking management strategies and plans. Staff will provide an overview of the Regional Parking Management Toolbox and next steps.</p>	
6.	PASEO SANTA FE STREETScape AND INFRASTRUCTURE PROJECT (Husam Hasenin)	INFORMATION
	<p>Paseo Santa Fe is a revitalization project that will transform S. Santa Fe Avenue between Vista Village Drive and Civic Center Drive into a complete and livable street and develop the adjacent properties into mixed use where people can live and shop. The street improvements include a road diet, roundabouts, angle parking, wider sidewalks with pedestrian amenities, street furniture, landscaping, and water quality features.</p>	

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| 7. | CITY OF SAN DIEGO - ENERGY EFFICIENCY FUNDED PROJECTS
(Lorie Cosio-Azar) | INFORMATION |
| | Staff from the City of San Diego will provide an overview of the project recently funded through the California Department of Energy "Energy Efficient Finance" program to retrofit street light fixtures from high pressure sodium to a more energy efficient light source. City staff will discuss how the retrofits will save the City of San Diego 1,539,184 Kilowatt hour, which represents approximately 30 percent energy reduction from the existing system, representing a greenhouse gas emission reduction of approximately 530 tons per year. City staff will discuss the approach to using California Energy Commission "Energy Efficiency Financing" to fund the project. | |
| 8. | CALTRANS UPDATES | INFORMATION |
| | Caltrans will provide an update on various local programs, funding program deadlines, and announcements regarding upcoming conferences | |
| 9. | CITIES/COUNTY TRANSPORTATION ADVISORY COMMITTEE
MEETING BRIEFING (SANTEC Members) | INFORMATION |
| | SANTEC members will be provided with an overview of the Cities/County Transportation Advisory Committee (CTAC) discussion items presented during the CTAC, December 2014 meeting. | |
| 10. | MATTERS FROM MEMBERS | INFORMATION |
| | SANTEC members are encouraged to discuss additional topics of general interest. | |
| 11. | UPCOMING MEETINGS/AGENDA ITEMS | INFORMATION |
| | <ul style="list-style-type: none"> * Ad-Hoc Working Group "TIS Guidelines Update" * Evacuation Operational Challenges | |

+ next to an agenda item indicates an attachment

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

December 18, 2014

AGENDA ITEM NO.: **3a**

Action Requested: APPROVE

OCTOBER 16, 2014, MEETING MINUTES

File Number 7300500

The meeting of the San Diego Regional Traffic Engineers Council (SANTEC) was called to order by Chair Husam Hassenin (City of Vista) at 9:35 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. APPROVAL OF MEETING MINUTES (APPROVAL)

Review and approval of the September 18, 2014, meeting minutes.

Action: Upon a motion by Jim Greenstein (City of Solana Beach), and a second by Ali Shahzad (City of Escondido), the meeting minutes of the October 16, 2014, SANTEC meeting were approved. Yes: Frank Rivera (City of Chula Vista), Mario Sanchez (City of El Cajon), Mr. Shahzad; Kathy Feilen (City of La Mesa); David DiPierro (City of Oceanside); Minjie Mei (City of Santee); Chair Hasenin; Michael Kenney (County of San Diego); Mr. Greenstein; Jim Newton (City of Coronado); Brian Wagner (representing - City of Carlsbad); Ryan Zellars (representing – City of Del Mar). Abstain: Stephen Manganiello (City of National City). No: None. Absent: Carlena Darrieulat (Caltrans); Rob Blough (City of Encinitas); Melody Rocco (City of Poway); Duncan Hughes (City of San Diego); Mark Thomsen (MTS); Leon Firsht (City of Lemon Grove); Omar Dayani (City of San Marcos).

REPORTS

4. SAN DIEGO FORWARD: THE REGIONAL PLAN: PREFERRED REVENUE CONSTRAINED TRANSPORTATION SCENARIO (DISCUSSION)

Staff provided a status update on the Preferred Revenue Constrained Transportation Network Scenario and next steps for the San Diego Forward: The Regional Plan. Staff stated that “choices” was the focus of the plan, and provided examples from transit, highway, bikeway, transportation systems management/transportation demand management elements within the preferred scenario. Staff drew attention to the current preferred plan’s demonstrated a benefit cost ratio, social equity analysis, and schedule for delivery of the environmental impact report.

SANTEC members asked questions related to the scenario phasing, definitions, and assumptions that underpinned the preferred scenario.

5. DRAFT REGIONAL COMPLETE STREETS POLICY (DISCUSSION)

Staff provided an overview of the development of a regional Complete Streets policy. Based on feedback on the Complete Streets discussion paper from regional stakeholders, staff provided SANTEC members with a walkthrough of each of the sections contained within the Complete Streets policy that was adopted by the Transportation Committee. Staff noted that the adoption of the policy was to be supported through the design practice by providing additional training, tools, and reference material considering best practice to member agency staff, with SANDAG not wishing to be prescriptive, but rather supportive as an enabler on the path to greater levels of adoption.

SANTEC members asked questions related to impacts of the new Complete Streets policy to ongoing operations, with questions centering around whether SANDAG would now develop design guidelines for implementation, and how first responders were to be considered when implementing the policy.

6. MISSION AVENUE COMPLETE STREET PROJECT UPDATE (INFORMATION)

Mr. DiPerro provided a lessons learned update on the street improvements completed downtown area of Oceanside along Mission Avenue. The presentation included the reason underpinning the project at the outset, and the levels of justification required when redesigning from a four-lane two-way street to a two-lane one-way street. The lessons learned presentation discussed street improvements including wider sidewalks, pop-outs, green stripe bike route, reverse angle parking, transit stop enhancements, and other traffic calming elements that featured at the conclusion of this constructed road diet project.

SANTEC members were congratulatory in their remarks, noting many of the features and traffic control approaches to undertaking such an impactful project were well considered and commendable in their execution. All agreed that the result delivered to the City of Oceanside a much better walking and business climate. SANTEC members were also highly engaged by the characterization of the lessons learned in enforcing greater levels of coordination between construction crews and landscaping crews.

7. CALTRANS UPDATES (INFORMATION)

A written submission was distributed due to a conflict with District Local Assistance Engineer staff compulsory meetings.

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

The Cities/County Transportation Advisory Committee meeting in October was cancelled.

9. MATTERS FROM MEMBERS (INFORMATION)

No matters were entered.

10. UPCOMING MEETINGS (INFORMATION)

- Ad-Hoc Working Group "Tis Guidelines Update"
- Connected Vehicles Update
- Evacuation Operational Challenges
- North County SANTEC Meeting

The next meeting of the SANTEC is scheduled for Thursday, November 20, 2014.

Chair Hassenin adjourned the meeting at 11:15 a.m.

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

December 18, 2014

AGENDA ITEM NO.: **3b**

Action Requested: APPROVE

NOVEMBER 20, 2014, MEETING MINUTES

File Number 7300500

The meeting of the San Diego Regional Traffic Engineers Council (SANTEC) was called to order by Vice Chair Mike Kenney (County of San Diego) at 9:35 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. APPROVAL OF MEETING MINUTES (APPROVAL)

Approval of the minutes from the October 16, 2014, were delayed to the December 18, 2014, meeting.

REPORTS

4. CALTRANS INTERSECTION EVALUATION CONTROL MINI-WORKSHOP (DISCUSSION)

The CALTRANS Traffic Engineering and Analysis, Branch Chief, Ms. Karen Jewel, provided a brief review of the new Traffic Operations Policy Directive (13-02) called Intersection Evaluation Control (ICE). CALTRANS staff reviewed the policy directive's intent, requirements, considerations, application areas, and the process required to be followed when establishing the context and performance-based evaluation of practical intersection control alternatives.

CALTRANS staff provided discussion on the key aspects of intersection geometry and high-level performance criteria, including layout optimization, operational analysis, costs, impacts/benefits, service life assumptions, and other reference information.

Multiple members of the SANTEC provided feedback on the benefits and challenges related to operational decision making relevant to the ICE policy at the local layer with CALTRANS staff, and several members highlighted where local streets and roads projects were underway to implement ICE relevant solutions.

5. CONNECTED VEHICLE UPDATE (DISCUSSION)

SANDAG staff provided members of the SANTEC with an update on progress of the Federal Department of Transportation's Research, Innovation and Technology Administration's Connected Vehicle Program.

Staff provided input to SANTEC members on parallel efforts to the Federal research program that are now underway at the National Highway Safety Transportation Administration, American Association of State and Highway and Transportation Officials (AASHTO), and the Institute of Transportation Engineers, to move prepare the nation for the move towards a Federal mandate for inclusion of Connected Vehicle technologies into all new vehicles.

SANTEC members were provided with currently understood timelines for inclusion of the technology into the Regional fleet, and existing reference material provided through the AASHTO Connected Vehicle Infrastructure Footprint Analysis. Staff provided an overview of the Connected Vehicle applications, researched and developed through Federal government contracts, that provided documented benefits in the areas of safety, mobility and the environment.

SANDAG staff provided the SANTEC with visibility to the Federal Connected Vehicle Pilot Deployments request for proposal that is expected in early 2015, and discussed the approach California was taking to respond.

6. CALTRANS UPDATE (INFORMATION)

Caltrans provided an update on various local programs. A copy of the CALTRANS DLAE update was provided at the meeting.

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

Mario Sanchez (El Cajon) provided SANTEC members with an update on the presentations that were provided in the November CTAC meeting. No comments were raised.

8. MATTERS FROM MEMBERS (INFORMATION)

The SANTEC Vice Chair Mike Kenney (County of San Diego) asked SANTEC members about their comment letters submitted to the Office of Planning and Research on Senate Bill 743. Members discussed feedback provided.

9. UPCOMING MEETINGS (INFORMATION)

- * City of Vista: "Paseo Santa Fe Complete Streets"
- * Ad-Hoc Working Group "TIS Guidelines Update"
- * Evacuation Operational Challenges
- * North County SANTEC Meeting

The next meeting of the SANTEC is scheduled for Thursday, December 18, 2014.

10. ADJOURNMENT

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

San Diego Association of Governments
SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

December 18, 2014

AGENDA ITEM NO.: **5**

Action Requested: INFORMATION

SAN DIEGO FORWARD: THE REGIONAL PLAN:
REGIONAL PARKING MANAGEMENT TOOLBOX

File Number 3310701

Introduction

Staff has prepared a Regional Parking Management Toolbox (Toolbox) as a component of San Diego Forward: The Regional Plan. The Toolbox provides member agencies with an interactive, web-based document for designing and implementing parking management strategies that support local economic development, sustainability, and mobility goals. Staff will present an overview of the Toolbox and discuss next steps.

Background

The 2050 Regional Transportation Plan and its Sustainable Communities Strategy identifies the need for a toolbox of parking strategies for local jurisdictions and resources to support local parking management efforts. Development of the Toolbox began in January 2013, with an inventory of local parking policies and stakeholder outreach to understand parking challenges and to identify potential solutions. Representatives from all 19 member agencies participated in the inventory and outreach efforts. Results were presented to the Regional Planning and Transportation Committees in November 2013. Based on the feedback received from both Committees, staff has developed an interactive, web-based document that navigates users through the process of assessing parking problems, identifying appropriate solutions, applying management strategies, administering a parking program, and effectively engaging and communicating with the public. The Toolbox was presented to the Transportation and Regional Planning Committees earlier this month.

Discussion

Designing and implementing a successful parking management program is a multi-step process. The Toolbox has defined this process in steps that are tailored to a variety of communities and special uses:

- 1) Identify the community type: The Toolbox encompasses 12 community types that are representative of the San Diego region and build upon the Smart Growth Concept Map place types. While there are overlapping trends and issues among these communities, each location poses unique opportunities and challenges for implementation, ongoing management, and application.

- 2) Understand the issues: This step is rooted in data collection and analysis and enables a community to identify real versus perceived problems. Data collection and analysis includes parking occupancy, parking duration, review of citations, trends, and user surveys. The Toolbox describes the process for collecting and analyzing the necessary parking data and provides examples of various parking studies.

- 3) Explore strategies: With the data, the Toolbox user can drill down on specific issues and explore the potential solutions. The Toolbox navigates users through a wide range of parking management strategies that, when applied, offer many community benefits. These strategies can be categorized as follows:
 - Balancing Competing Users
 - Enforcement and Regulation
 - Parking Demand Management
 - Managing Parking Supply Effectively
 - Creating New Parking Supply
 - Implementing and Managing Paid Parking
 - Transportation Demand Management
 - Sustainable Parking Initiatives
 - Communication Strategies

- 4) Evaluate solutions: This step assists the user with selecting the optimal parking management strategies for implementation. Testing new parking strategies first through pilot projects enables users the flexibility needed to assess and adjust strategies to achieve the highest level of success before investing in broad implementation.

- 5) Parking program management: This step discusses the key considerations for the development of a parking program; including program structure, staffing considerations, operations and administration, technology, and budgeting/financing.

- 6) Communications and marketing: Engaging the community is critical at all stages of the parking management process. Attaining buy-in early on can lead to successful implementation. The Toolbox describes the range of steps for outreach and education as well as effective marketing and promotion.

The Toolbox was developed with input from numerous parking professionals from 22 different case study locations; each provided a unique approach and context for inclusion in the Toolbox. A section of the Toolbox is dedicated to the case studies in addition to a resource section that provides direct links to a variety of parking management resources.

Next Steps

The Toolbox is available for member agency use on the Transportation Demand Management section of the SANDAG website (www.sandag.org/TDM). It also will be added to the Smart Growth Tool Box and included as an appendix to San Diego Forward: The Regional Plan.

Key Staff Contact: Antoinette Meier, (619) 699-7381, antoinette.meier@sandag.org