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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, November 13, 2008

9 to 11 a.m.

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

Chair: Kathy Feilen, City of La Mesa
 Vice-Chair: Frank Rivera, City of Chula Vista

Staff Contact: Alex Estrella
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 aes@sandag.org

AGENDA HIGHLIGHTS

- SMART GROWTH TRIP GENERATION AND PARKING DEMAND STUDY UPDATE
- SANTEC VICE-CHAIR NOMINATIONS AND ELECTIONS
- SAN DIEGO SMART PARKING PILOT AND RESEARCH PROJECT

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SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

Thursday, November 13, 2008

ITEM #		RECOMMENDATION
1.	INTRODUCTIONS	
+2.	MEETING SUMMARY OF OCTOBER 9, 2008	APPROVE
	<p>SANTEC is asked to review and approve the meeting notes of the October 9, 2008, meeting.</p>	
3.	PUBLIC COMMENTS	
4.	PROPOSITION 1B TRAFFIC LIGHT SYNCHRONIZATION PROGRAM (TLSP) UPDATE (SANDAG Staff)	INFORMATION
	<p>SANTEC will be provided with an update on the TLSP projects and will share any efforts completed to date.</p>	
+5.	SMART GROWTH TRIP GENERATION AND PARKING DEMAND STUDY UPDATE (SANDAG Staff)	INFORMATION
	<p>SANDAG has begun data collection efforts for the Smart Growth Trip Generation and Parking Demand Guidelines. An update on the status of the effort will be provided. Recent issues that have emerged with respect to the economic slowdown will be discussed as well.</p>	
6.	SANTEC VICE-CHAIR NOMINATIONS AND ELECTIONS (SANTEC Chair)	ELECT
	<p>The Council will consider candidates for a Vice-Chair for the 2009 Calendar Year. The Council will be asked to confirm the appointment of Frank Rivera (current Vice-Chair), as the new Chair starting on January 2009.</p>	
7.	REGIONAL ARTERIAL MANAGEMENT SYSTEM PROJECT UPDATE (SANDAG Staff)	INFORMATION/ DISCUSSION
	<p>The Regional Arterial Management System (RAMS) project will create the ability for agencies to develop traffic signal timing plans for regional arterials that cross multiple jurisdictions. SANTEC will be provided with a progress update on the RAMS project and specifically work efforts completed since Fall 2007.</p>	

ITEM #

RECOMMENDATION

- 8. SAN DIEGO SMART PARKING PILOT AND RESEARCH PROJECT (SANDAG Staff)

INFORMATION

Over the past months, SANDAG in coordination with North County Transit District, Caltrans Department of Research and Innovation, and Federal Highways Administration’s Value Pricing Program have been working on a Smart Parking pilot and research project. The project focuses on assessing the application of Smart Parking technology along several Coaster Stations to determine if such system can improve parking management, while also examining several parking management strategies. Staff will provide a presentation on the development of these efforts.

- 9. CTAC MEETING BRIEFING

INFORMATION

The SANTEC will be provided with an overview of the CTAC meeting held on November 5, 2008.

- +10. UPCOMING MEETINGS/AGENDA ITEMS

INFORMATION

Possible agenda items for future SANTEC meetings will be discussed.

- 11. MATTERS FROM MEMBERS

INFORMATION

SANTEC members are encouraged to discuss additional topics of general interest.

+ next to an item indicates an attachment

San Diego Association of Governments

SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

November 13, 2008

AGENDA ITEM NO.: **2**

Action Requested: APPROVE

MEETING SUMMARY OF OCTOBER 9, 2008

File Number 1109101

1. Introductions

The attendees of the meeting introduced themselves at the request of the SANTEC Chair.

2. Approval of Meeting Summary

SANTEC members reviewed and approved the meeting notes of September 11, 2008.

3. Comments from the Public

There were no comments from the public.

4. Proposition 1B Traffic Light Synchronization Program (TLSP) Update

Alex Estrella (SANDAG staff) provided a progress update on the TLSP projects. SANTEC members were reminded that all TLSP project Baseline Agreements were due on August 22, 2008, and that SANDAG along with other San Diego County local agency grant recipients were still waiting on receipt the of executed TLSP Project Baseline Agreements. Staff indicated that SANDAG will be contact D-11 Local Assistance staff for further information on this process and suggested that local agency grant recipients also do the same. Staff will continue to provide on-going updates on the TLSP projects.

5. Smart Growth Visual Simulations

This item was presented by Carolina Gregor (SANDAG) and provided an introduction on SANDAG's efforts on the development of simulation tools for visualizing how smart growth place types could look like in the San Diego region. This effort is part of the Smart Growth Tool Kit to implement the Regional Comprehensive Plan. Staff indicated that SANDAG and various consultants have been developing "2-D" and "3-D" visual simulations to demonstrate what smart growth and transit oriented development (TOD) could like in local areas in the San Diego region. In addition she presented several examples of completed 2-D and 3-D visual simulations completion along several Smart Growth place types in the San Diego Region.

SANTEC members were also informed on the level effort including cost for the completed visual simulations. Staff indicated that the cost for 2-D simulation range from \$8,000 to \$12,000 and from \$30,000 to \$60,000 for 3-D simulations. During her discussion she expressed the possibility of having local agencies leverage consultants services through an on-call consultant process lead by SANDAG for similar simulation efforts. On this note, she indicated that SANDAG would be sending a link for a survey to determine the level of interest on these services.

6. Draft 2008 Congestion Management Program

Heather Werdick of SANDAG provided an overview of the Draft 2008 Congestion Management Program (CMP) Update and referred to the staff report developed and included in the SANTEC packet for presentation at the November 7, 2008, Transportation Committee. Her discussion focused on the anticipated request for adoption by the Transportation Committee including highlighting key 2008 CMP Update Sections. Key sections included an overview of the updated CMP Roadway LOS Analysis, Deficient CMP Segment Analysis and anticipated Deficiency Plans, and an extensive discussion on the future development of CMP Updates. Two specific options were briefly highlighted and included Streamlining the CMP approach and corresponding analysis and an option of CMP Opting Out. A final item that was discussed included a listing of proposed addition of Arterials to the CMP network and these included Telegraph Canyon Road/Otay Lakes Road in the City of Chula Vista (I-805 to SR 125) and Mira Mesa Boulevard (I-805 to I-15) in the City of San Diego.

7. Multi-Modal Performance Measurement System Project Update

This item was introduced by Alex Estrella (SANDAG Staff) and included a brief overview on SANDAG's current efforts for improving the current transportation performance management tool used by SANDAG. In short, this system is a web enabled tool that allows transportation professionals and the public, to obtain information on the performance of the State Highway System and is known as the Freeway Performance Measurement System (PeMS). PeMS is a joint effort by Caltrans, U.C. Berkeley, Partners for Advanced Transit and Highways, and Berkeley Transportation Systems. Staff indicated that SANDAG is working toward a vision that is shared by Caltrans to extend the capabilities of PeMS to include real-time arterial and transit data.

Current efforts have focused on the development of a multi-modal performance measurement and evaluation tool. This is being achieved by undertaking a pilot project that is focused assessing the ability of gathering and analyzing real-time arterial and transit data. This effort includes the development of arterial and transit proto-type PeMS applications. These applications will allow PeMS to collect, view and analyze, arterial and transit transportation data. These efforts have focused on developing an understanding of how data is structured, reported, and updated based on an assessment of existing and evaluation of arterial and transit data collection systems. These enhancements, once implemented, will help the region develop door to door travel times and compare trip times across all modes.

Past SANDAG efforts have included the support for the several PeMS enhancements tailored to the San Diego region including adding modules to view and analyze ramp data and trends, and loading historical San Diego regional freeway data into PeMS. As the project moves forward, staff agreed to bring this item back for future updates and progress reports.

8. Cities/County Transportation Advisory Committee (CTAC) Meeting Briefing

Frank Rivera, CTAC Vice-Chair, briefed members on several key items that were presented at the CTAC meeting held on October 2, 2008. Items included a similar presentation on the smart growth visual simulations, update on the 2008 CMP Update, SANDAG's effort for establishing an Ad Hoc Technical Advisory Group to provide technical input and feedback in the development of the Fair Share Methodology Study.

9. Upcoming Meetings/Agenda Items

Staff reviewed the upcoming SANTEC meeting dates and corresponding proposed agenda items. Staff announced that the next SANTEC meeting is scheduled for November 13, 2008.

10. Matters from Members

None Discussed.

The meeting adjourned at 11:00 a.m.

San Diego Association of Governments

SAN DIEGO REGIONAL TRAFFIC ENGINEERS COUNCIL

November 13, 2008

AGENDA ITEM NO.: **5**

Action Requested: INFORMATION

SMART GROWTH TRIP GENERATION AND PARKING DEMAND STUDY UPDATE File Number 3000206

Introduction

The Smart Growth Trip Generation and Parking Demand Guidelines will identify trip generation rates and parking demand associated with smart growth developments. Findings from the study effort will be used to update the *San Diego Traffic Generators* manual and the SANDAG transportation model. SANDAG has retained Fehr and Peers and its subconsultant team for this effort. Fehr and Peers, together with subconsultants VRPA Technologies, KTU+A, Robert Cervero, and Reid Ewing, have established a methodology and begun contacting site owners throughout the region regarding data collection. The following report outlines the status of this effort.

Discussion

- Permission to gather travel survey data at local sites has been very difficult to achieve. Of the ten candidate sites, the project team has full permission to conduct surveys at only two sites.
- A pilot trip generation survey was conducted on October 2, at Otay Ranch. Although permission was originally given to survey the site, this permission was revoked on the day that the counts were taken. The withdrawal of permission was received too late to stop the surveys, but this raises questions about whether the data can be used. Other than the withdrawal of permission to conduct the surveys, the data collection was successful.
- The nationwide and regional economy is in the midst of a slowdown and questions have been raised as to whether the counts taken at this time are representative of normal conditions.
- A new methodology is emerging for conducting trip generation studies at mixed-use, transit-oriented, and pedestrian-oriented developments. This methodology is from an EPA nationwide study being conducted by Fehr & Peers and other consultants. The methodology relies on historical surveys conducted for use in regional travel demand models as well as geo-coding of results to obtain information on traveler behavior at specific smart growth developments. This methodology could be applied to the SANDAG study by using nationwide data or by using SANDAG Travel Behavior Survey data from 2006. In either case, the data would be supplemented by local counts at smart growth sites in the San Diego

area. From discussions with property owners, it is apparent that permission to conduct counts is easier to achieve than permission to conduct travel surveys involving face-to-face interviews.

Next Steps



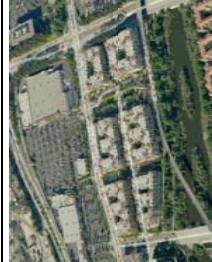


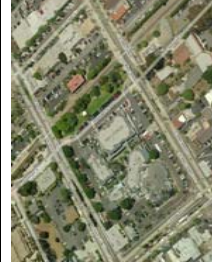
Given these developments, the project team is planning to prepare an outline for applying the methodology of the nationwide study to the SANDAG Smart Growth Trip Generation Study. The outline would be discussed with the Cities/County Transportation Advisory Committee (CTAC) and SANTEC prior to proceeding. Additionally, the project team is also discussing the possibility of collaborating with Caltrans on their statewide infill trip generation study, as Caltrans has also been experiencing difficulty in obtaining permission to collect data at infill sites.





Attachment: 1. SANDAG Smart Growth Trip Generation and Parking Demand Guidelines List of Priority Sites for Data Collection

Key Staff Contact: Christine Eary, (619) 699-6928; cea@sandag.org

SANDAG Smart Growth Trip and Parking Generation - 7/17/08

Updated on July 14, 2008 by Chris Gray- 4:00 PM

Candidate Site, City		Area	City	Land Uses	Transit Availability	Pedestrian Friendliness Adjacent Area (High, Medium, Low)	Traffic Counts (Yes/No)	Parking Counts (Yes/No)	Surveys (Yes/No)	Time Frame (Summer, Fall)	Notes	Photos
LRT TRANSIT ORIENTED DEVELOPMENT SAMPLES												
1	Morena/ Linda Vista Trolley Station	Central San Diego	San Diego	Residential, Retail	LRT	Medium	Yes	Yes	Yes	Fall		
3	Hazard Center, San Diego (7676 Hazard Center Dr)	Central San Diego										
4	Rio Vista Trolley Station, Promenade (2185 Station Village Way)	Central San Diego	San Diego	Retail	LRT	Medium	Yes	Yes	Yes	Fall		
BUS CORRIDOR TRANSIT ORIENTED DEVELOPMENT SAMPLES												
10	Egyptian District, Park Blvd. & University-Egyptian Apts.	Central San Diego										
COMMUTER RAIL TRANSIT ORIENTED DEVELOPMENT SAMPLES												
14	Poinsetta Station Apartment near Poinsetta Transit Station (Carlsbad)	Coastal North County	Carlsbad	Residential	Commuter Rail	Low	Yes	Yes	No	Fall	Walkability to adjacent commuter rail station is limited. Other sites may be preferable.	
16	Village Faire-Grand/Washington (Carlsbad)	Coastal North County	Carlsbad	Retail	Commuter Rail	Medium	Yes	Yes	Yes	Fall		
OTHER SITES												

Candidate Site, City		Area	City	Land Uses	Transit Availability	Pedestrian Friendliness Adjacent Area (High, Medium, Low)	Traffic Counts (Yes/No)	Parking Counts (Yes/No)	Surveys (Yes/No)	Time Frame (Summer, Fall)	Notes	Photos
18	Del Mar, Del Mar Plaza, (1555 Camino Del Mar)	Coastal North County		Retail	Standard Bus	High	Yes	Yes	Yes	Summer		
19	Uptown District, University Ave (1270 Cleveland)	Central San Diego										
22	Little Italy, India Street- Aperture (1494 Union St.)	Central San Diego	San Diego	Retail, Residential	Frequent Bus	High	Yes	Yes	Yes	Summer	There is at least one residential building near this site (Allegra) which is closer to an LRT station.	
23	Olay Ranch Heritage Town Center, E Palomar St/Monarche Dr, Chula Vista	South County	Chula Vista	Retail, Office	Standard Bus	Medium	Yes	Yes	No	Fall		

San Diego Association of Governments
**SAN DIEGO REGIONAL
TRAFFIC ENGINEERS COUNCIL**

November 13, 2008

AGENDA ITEM NO.: **10**

Action Requested: INFORMATION

UPCOMING MEETINGS/AGENDA ITEMS

File Number 1109101

December 11, 2008

- TLSP Update
- Cities/County Transportation Advisory Committee (CTAC) Meeting Update
- Communications/Interconnect Protocols
- Smart Growth Trip Generation and Parking Demand Study Update

January 11, 2009

- TLSP Update
- CTAC Meeting Update
- I-15 Integrated Corridor Management (ICM) Project

Key Staff Contact: Alex Estrella, (619) 699-1928; aes@sandag.org