

September Presentation: Updating Irvine's Travel Model

Sean McAtee - Principal, Cambridge Systematics

Ali Barnava, TE - Senior Transportation Analyst, City of Irvine

This presentation will summarize the latest version of the Irvine Transportation Analysis Model (ITAM). The City of Irvine and Cambridge Systematics collaborated to update ITAM based on the most current version of the parent model, OCTAM. The latest version of the model incorporates legacy components that allow continuity for use in traffic studies, while also adopting new elements such as mode choice, a modern interface and back-end, improved intersection post-processing, and a suite of visual tools that display model results.

Speaker Bios:



Sean McAtee is a Principal with Cambridge Systematics, leading our Mountain West travel modeling group. He has 20 years of experience in travel model development, application, and data analysis. Sean has contributed to travel models in California including OCTAM, ITAM, and aspects of the SCAG Model. Other projects throughout the country include development of models in Colorado, Texas, and the NYC Metropolitan Area. Areas of expertise include model calibration and validation, automation, and development of user-friendly interfaces and dashboards.



Ali Barnava is a licensed Traffic Engineer and a senior transportation analyst at the City of Irvine. He has been with the City for 7 years and has more than 20 years of experience in transportation modeling, forecasting and engineering. He has developed a number of travel forecasting models for Southern California local governments and cities throughout his career.

SEPTEMBER MEETING

September 23, 2021

12:00 PM to 1:00 PM

Virtual Meeting

Fees:

Member - FREE

\$5 (Non-Member) - Ends 9/22 @ 5 pm

Please register via Eventbrite at:

<https://octec-september2021.eventbrite.com>

If you have any questions,
please contact

Adrian Rodriguez, at

arodriguez@newportbeachca.gov

THIS MONTH'S MEETING IS SPONSORED BY:

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President's Address

Dear OCTEC Members and Future Members,

We would like to welcome everyone back since our last virtual meeting in June and we hope everyone is staying healthy and safe during these unprecedented times. The OCTEC Board regularly monitors Covid-19 information: due to the ongoing Covid-19 pandemic and highly contagious Delta variant, OCTEC will be having virtual meetings for the remainder of this year for the safety of everyone.

Some highlights of our 2020-2021 fiscal year:

- *OCTEC hosted seven monthly virtual meetings with an average meeting attendance of 80 people.*
- *OCTEC held one virtual joint meeting with ITE SoCal section.*
- *OCTEC held one virtual joint Student Night and contributed \$10,000 of scholarship money to transportation engineering students.*
- *OCTEC hosted our annual Golf Tournament in May 2021.*

On behalf of the OCTEC Board and Members, I would like to thank Archie Tan, OCTEC Past President, for the flawless execution of the above-mentioned events, for his successful four-year service on the OCTEC Board and for his dedication and commitment to the transportation engineering industry.

Also, I would like to thank Ron Keith, OCTEC Golf Co-Chair, for always doing such a fantastic job in organizing and hosting our golf tournaments. The 2021 OCTEC Golf Tournament was the only in-person event, and it brought some sense of normalcy to those who were able to participate in the event during these challenging times.

I would like to welcome our newest Board member, Adrian Rodriguez, as Sponsorship/Membership Coordinator. Adrian, and the rest of the OCTEC Board, are here to serve and support you, please do not hesitate to contact us as we always welcome your input and strive to improve.

Finally, the 2021-2022 OCTEC Board would like to thank all our generous and dedicated sponsors and our committed members, we appreciate your continued support and contribution to the organization! We hope to have a successful new year together.

Sincerely,

Olga Polunin, OCTEC President 2021-2022



Since OCTEC had no June meeting in 2021 due to Covid-19, the Board recognized Archie Tan's four year service during the July Board Meeting. Olga Polunin is presenting the President's Plaque to Archie Tan



Archie Tan, OCTEC Immediate Past President



Board members planning out the year ahead during the first Board meeting of the 2021-22 Season

LOCAL, REGIONAL & NATIONAL NEWS

\$158 Million Savings for Taxpayers with OCTA's Federal Loan Reset for 405 Project

The Orange County Transportation Authority today reset the interest rate to 1.95 percent on its \$629 million federal loan for the I-405 Improvement Project, a first-of-its-kind reset that will help save an additional \$158 million over the life of the loan.

OCTA finalized its initial loan in 2017 with a 2.91 percent interest rate through the Transportation Infrastructure Finance and Innovation Act, commonly called TIFIA. Late last year, OCTA began working with the U.S. Department of Transportation's Build America Bureau, the agency that runs the TIFIA program, to pay off its existing loan and execute a new one to take advantage of lower interest rates. [\[Continue here\]](#)

LA Metro To Implement Photo Enforcement on Rail Line

Starting Oct. 1, the Los Angeles County Metropolitan Transportation Authority (Metro) and the Los Angeles Sheriff's Department (LASD) will activate a photo enforcement program along the future Crenshaw/LAX light rail line to help deter motorists from disobeying traffic signals. Motorists will receive warnings for 30 days before actual citations are issued.

The enforcement program is aimed at mitigating potential train/vehicle collisions and resulting injuries and/or fatalities. The program also seeks to improve vehicular and pedestrian safety in the Crenshaw District. Metro began intermittent train testing on Crenshaw Boulevard in December 2020. The photo enforcement program is designated to detect motorists who make illegal left-hand turns. [\[Continue here\]](#)

High-Speed Rail Impasse Means No Active Transportation Boost, Other Projects Also Denied Funding

\$500 million proposed as a one-time augmentation for Active Transportation Projects will go back to the General Fund - as will a total of \$3.3 billion in other proposed allocations including for LA Olympics projects.

Negotiations over \$4.2 billion in voter-approved High-Speed Rail funds came to a halt last week, and that meant that a number of unrelated programs that were slated to receive some of the general fund surplus will not get that funding. That means no \$500 million bump for the Active Transportation Program, where staff were poised to allocate extra funds to projects that have already

applied, scored highly, and were not awarded money because there wasn't enough in the program. It also means an offer to add about \$1 billion to transportation improvement projects in L.A. for the 2028 Olympics is off the table.

JOB ANNOUNCEMENTS

OC Public Works/Traffic Engineering

OC Public Works is currently looking for a Civil Engineer to perform a variety of complex field and office engineering work. The incumbent will be an experienced and licensed professional by the state of California as a Civil Engineer and will be responsible for independent engineering analysis on the most complex and specialized assignments and projects. The incumbent will provide staff training, project leadership to lower-level staff, consulting in an area of specialty, and may independently review, complete, and approve County designed plans as the responsible engineer.

Please continue [here](#) for more information.

City of Anaheim/Principal Transportation Planner

The City of Anaheim Public Works Department – Engineering Division: Traffic and Transportation Section is seeking a Principal Transportation Planner for the Traffic & Transportation Section. The Principal Transportation Planner, under direction of the City Traffic Engineer, will manage transportation initiatives and transit planning projects, oversee local and regional transportation planning efforts, administer the Anaheim Tourism Improvement District (ATID) program for projects within the Anaheim Resort Area and Platinum Triangle, and coordinate with local and regional transportation agencies such as OCTA, SCAG and Caltrans.

Please continue [here](#) for more information.

Please contact [Olga Polunin](#) or any Board member if you have any job listings that you would like posted to the OCTEC website or included in the next month's OCTEC newsletter.

Visit our [WEBSITE](#) for the latest job posts, newsletters, and presentations from current and past meetings.



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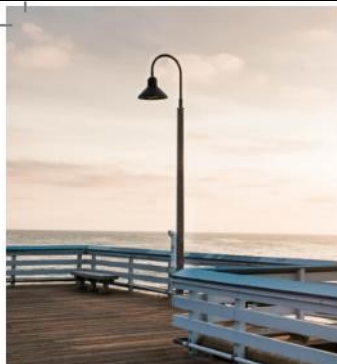
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2021 -2022 Sponsors

OCTEC would like to give a special thanks to all of our generous sponsors!

Meeting Date

Newsletter Sponsors

Lunch/Meeting Sponsors

September 23, 2021

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South Coast Lighting



October 28, 2021
Joint Meeting – ITE SoCal

General Technologies and Solutions
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January 27, 2022

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February 24, 2022

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April 28, 2022

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May 6, 2022
TBD

OCTEC Golf Tournament
SoCal ITE/OCTEC Student Chapter Night

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June 23, 2022

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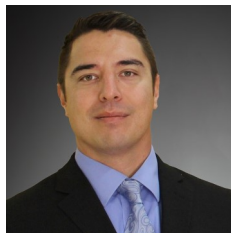
For more information and sponsorship opportunities, please contact Adrian Rodriguez at (949) 644-3345 or arodriguez@newportbeachca.gov

OCTEC 2021 - 2022 Officers



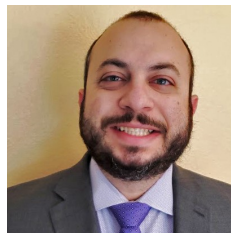
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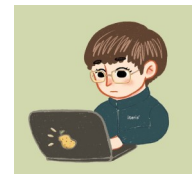
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Adrian Rodriguez

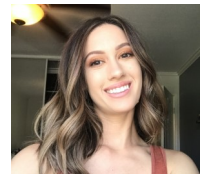
**Sponsorship/
Membership Coordinator**
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OCTEC Committee Chairs



Casey Hu

Webmaster
(949) 270-9521
chu@iteris.com



Sonia Sanchez

Social Media Chair
ssanchez38@csu.fullerton.edu

OCTEC has one Social Media Chair position available.

Contact any of the board members if you are interested in joining the OCTEC Team.