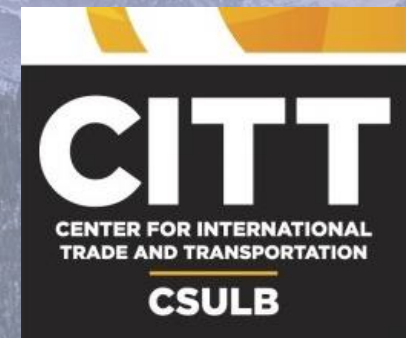




Dr. Tom O'Brien, Director
California LTAP Center
tom.obrien@csulb.edu



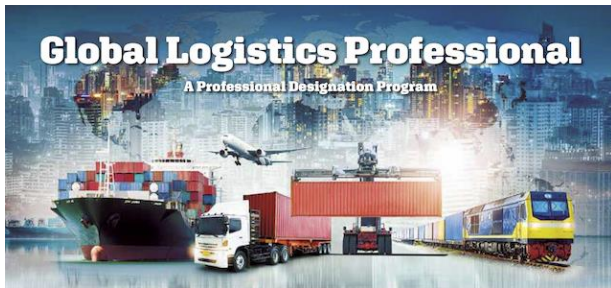
LTAP





Center for International Trade & Transportation

connecting and empowering the trade and transportation workforce



The California Local Technical Assistance Program



The California LTAP Center is based at the Center for International Trade & Transportation (CITT) at California State University Long Beach

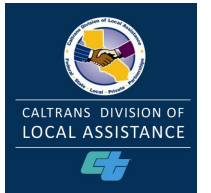
“We are keenly focused on expanding our Center’s reach and engagement and to be more receptive and responsive to the needs of a broader range of local public agencies in California, including those of underserved and disengaged smaller, rural, and tribal communities.”

— Tom O’Brien, Director, California LTAP



What is California LTAP?

- FHWA/State DOT sponsored local technical assistance program (one of 51 centers nationally)
- Provide local, rural, and tribal road agencies with training, technical assistance, and technology transfer services to help them manage and maintain their roadway systems
- Mission: to improve the safety and performance of California's transportation systems by serving local agencies as the "place to go" for relevant information, resources, and training
- Dedicated to transferring innovative transportation technology and best practices to municipalities across the state
- DLA-managed partnership: CITT, TechTransfer, Sac State CCE



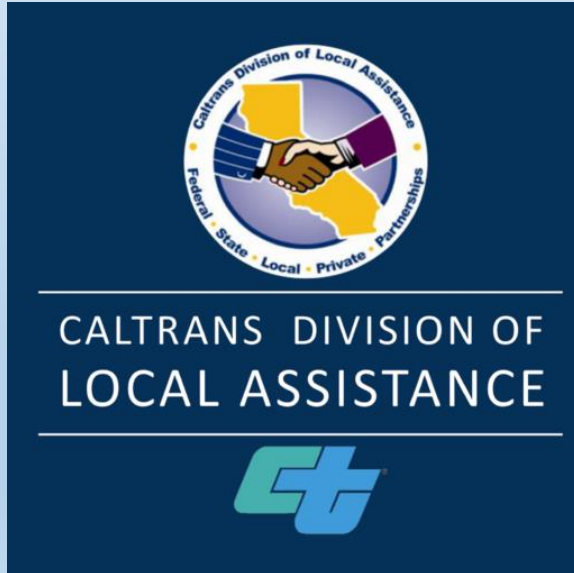
California State DOT: Caltrans

Daniel Burke

CA Department of Transportation

Division of Local Assistance (DLA)

daniel.burke@dot.ca.gov

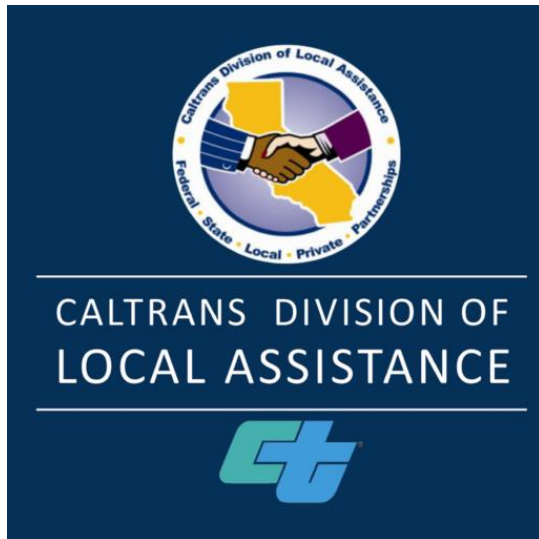


Caltrans DLA

- Serves over 600 local agencies
- \$3.5B delivery budget (2021-22)
- 1200 projects authorized annually
- 2021 LTAP accomplishments:
 - 6188 workers trained
 - 61 training sessions
 - 637 training hours



Who is California LTAP?



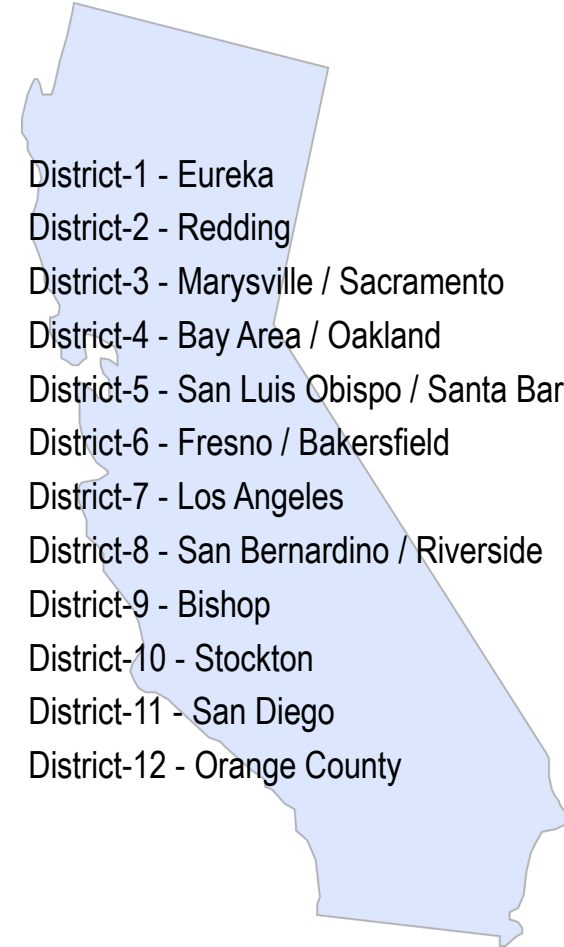
Administration, Outreach, Technical
Support, Specialized Training



Professional & Technical Training



Administrative & Compliance Training



Our Service Area

- California's 600+ local public agencies (LPAs) responsible for maintaining the state's local and rural roadway systems & infrastructure
- 58 counties, 482 municipalities, 18 MPO/RTPAs, and 109 federally recognized tribal nations
- Represented as 12 statewide Caltrans Districts
- Includes LPA employees, agents, & contractors
- *How well do your agencies work w/ Caltrans?*
- *Would process or compliance training help?*



Our Priorities & Objectives

- “1-stop shop” for training & technical assistance
- Build a community of local agency partners
- Connect w/ underserved, rural, tribal agencies
- Spotlight agency innovation & best practices
- Assess & address agency training needs/gaps
- Improve local agency experience w/ Caltrans
- Provide quick access to industry news, policies, regs, funding opportunities, & professional development
- *How can CA LTAP better support your needs?*



Popular Training Courses

Federal Aid Series

- Getting Your Federal Aid Project Started
- Requirement for Environmental Analysis
- Procedures for Right-of-Way Acquisition
- Federal-Aid Project Development
- Federal Rules for Contract Administration

Resident Engineering Academy

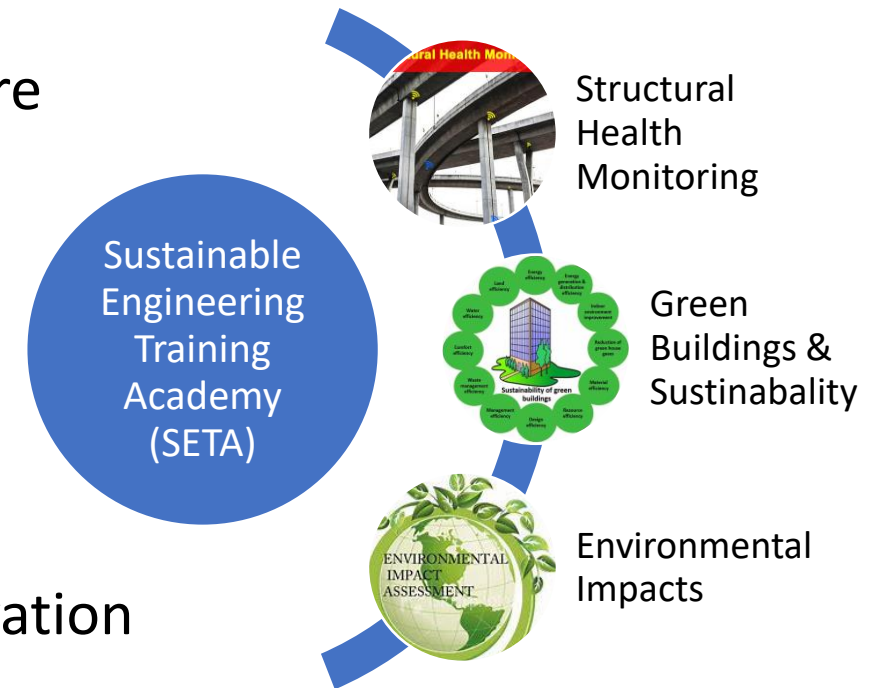
- Labor Compliance, DBEs
- Claims & Claim Avoidance, Change Orders
- Project Completion & Invoicing
- Local Agency / Resident Engineer Liability
- Construction Oversight Responsibilities
- Scope of Work, Safety/Traffic Control

Technical & Engineering

- Pavement Engineering & Management
- Asphalt Concrete Materials & Mix
- Seismic Design of Concrete Bridges
- Construction Inspection of Traffic Signals
- BRT: Planning, Design, and Operations ^[L]_[SEP]
- Planning Fundamentals for CA Streets
- Fundamentals of Traffic Engineering ^[L]_[SEP]
- CA Traffic Engineering License Exam
- Roundabouts: Balancing Safety/Mobility ^[L]_[SEP]
- Sustainable Parking Management ^[L]_[SEP]
- California MUTCD Overview/Updates

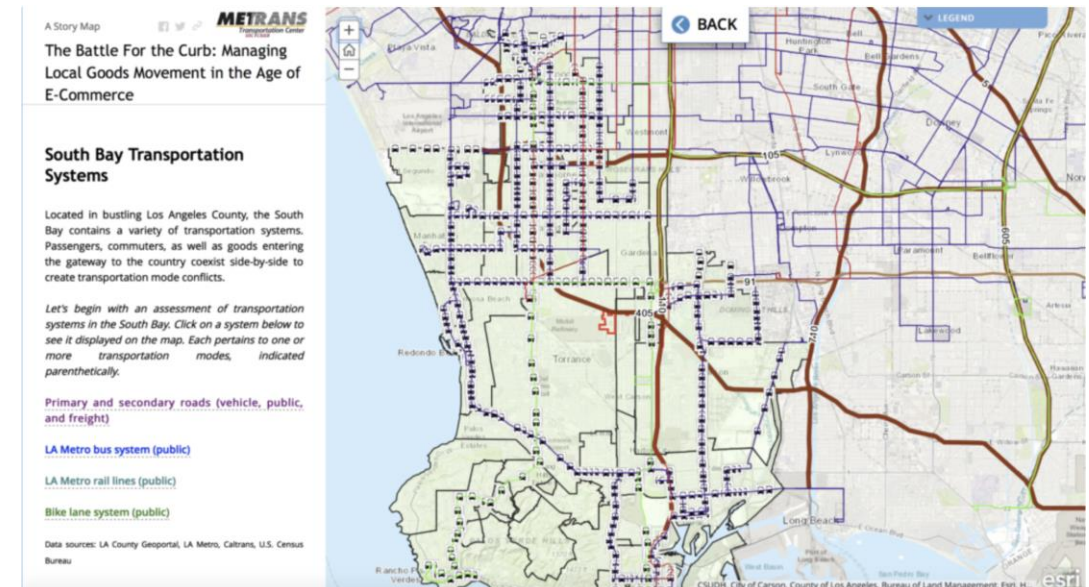
Specialized Training: SETA

- Sustainable Engineering Training Academy for transportation planning & construction engineers
- Identify, calculate, & help mitigate the environmental impacts of construction projects, existing infrastructure
 - Calculating project carbon footprint
 - Construction contributions to climate change
 - Primary/secondary air pollutants, impact on biodiversity
 - Elements of Green Building & certification process
 - Structural health monitoring systems/applications
 - Using CalEEMod to calculate/document
- Focus on practical applications, critical thinking, innovation
- ***November pilot launch: now seeking industry participation***



Specialized Training: GIS

- Digital Storytelling: The Value of StoryMaps
Inform, inspire, and contextualize narratives with rich features like embedded text, images, videos, etc.
- An overview of GIS concepts/applications for LPAs
 - Introduction to GIS technology for local public agencies
 - Communicating complex data to a non-technical audience
 - Overview of GIS technology & geospatial datasets
 - Overview of GIS StoryMaps & data visualization
 - Asset tagging, management, location awareness
 - Working with ESRI's ArcMap GIS platform
- ***Is your agency using GIS technology?***
- ***What applications would you prioritize?***



Engaging w/ CA LTAP

To find subsidized training, get technical assistance, or help us better understand your agency support needs:

- Visit our website: www.caltap.org
- Send us an email: admin@caltap.org
- Request assistance: scott.jakovich@csulb.edu
- Follow us on social media:
 - LinkedIn ([California LTAP](#))
 - Facebook ([CaliLTAP](#))
 - Youtube: ([California LTAP](#))

How can CA LTAP Help?

- *Technical & procedural training*
- *Industry & agency best practices*
- *Reg, policy, & research reports*
- *Access to tech transfer resources*
- *Access to loaner equipment*
- *Connect w/ industry SMEs*
- *Regular informative webinars*
- *Spotlight workplace innovation*
- *Showcase your agency VIPs*
- *Subscribe for regular updates!*





Dr. Tom O'Brien, Director
California LTAP Center
tom.obrien@csulb.edu



LTAP

