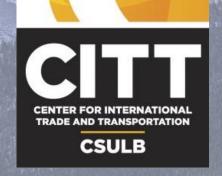


Dr. Tom O'Brien, Director California LTAP Center tom.obrien@csulb.edu







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

District-1 - Eureka

District-2 - Redding

District-3 - Marysville / Sacramento

District-4 - Bay Area / Oakland

District-5 - San Luis Obispo / Santa Barbara

District-6 - Fresno / Bakersfield

District-7 - Los Angeles

District-8 - San Bernardino / Riverside

District-9 - Bishop

District-10 - Stockton

District-11 - San Diego

District-12 - Orange County



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?





ABOUT TRAINING INITIATIVES RESOURCES NEWS/EVENTS CONTACT Q



Welcome to California LTAP's new digital home

To become your one-stop shop for training and support, our team is building a comprehensive catalog of local agency training that covers everything from staff professional development to technical/lengineering to regulatory and contract compliance. From this one catalog (and accompanying calendar), you'll be able to register for courses offered in-class, onsite, and online across multiple providers.

We're also bringing a new focus to California innovation by sharing on-the-job ingenuity and best practices captured from agencies across the stati Ways to help get your job done easier and more efficiently.

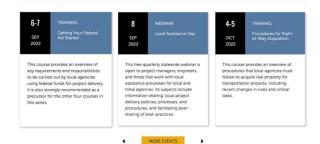
And to make sure you stay informed, we're also rolling out:

- . A national news/event aggregator for surface transportation professionals
- An "Ark the Expect" feature to connect your need to the right Caltrans expecting

We'll be unlocking new features and capabilities over the next couple of weeks, so consider subscribing to stay up on the letters deviced have a request or feature you'd like to reached with respect to the state of the second state of the second



UPCOMING TRAINING & EVENTS



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

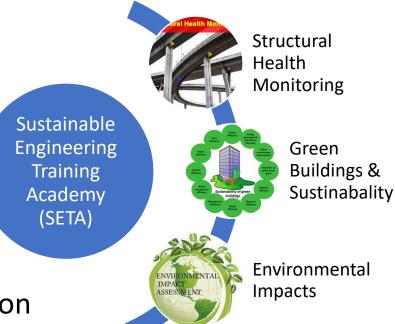
Technical & Engineering

- Pavement Engineering & Management
- Asphalt Concrete Materials & Mix
- Seismic Design of Concrete Bridges
- Construction Inspection of Traffic Signals
- O BRT: Planning, Design, and Operations [SEP]
- Planning Fundamentals for CA Streets
- Fundamentals of Traffic Engineering [SEP]
- CA Traffic Engineering License Exam
- Roundabouts: Balancing
 Safety/Mobility [1]
- Sustainable Parking Management 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?



ArcGIS StoryMaps

Storytelling that resonates

Transform your digital storytelling with custom maps.





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!





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