

Boster, Kobayashi & Associates

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John Y. Liu, P.E., TE

Curriculum Vitae

EDUCATION:

B.S. Civil Engineering, UC Berkeley, 1991
M.S. Civil Engineering, UC Berkeley, 1992

PROFESSIONAL REGISTRATION:

Civil Engineer, C52512
Traffic Engineer. TR1841

PROFESSIONAL MEMBERSHIP:

Institute of Transportation Engineers (ITE)

PRESENT POSITION:

Associate of Boster, Kobayashi & Associates, a consulting firm specializing in the technical aspects of traffic engineering and accident reconstruction. Typical assignments involve traffic safety, highway design, highway maintenance and traffic engineering.

PREVIOUS POSITIONS:

Deputy District Director, Caltrans District 6 (Fresno) Division of Maintenance and Operations

March 2018 to December 2025

October 2014 to September 2017

December 2006 to June 2014

- Manage the Division of Maintenance and Operations, which has a staff of approximately 500 people and a budget exceeding \$150 million. Direct reports consist of 5 Supervising Transportation Engineers and one Staff Services Manager II. Responsible for maintaining and operating approximately 2,000 centerline-miles of highways, including the issuance of encroachment permits.
- Extensive engagement with local partners and external stakeholders. Work with staff to deliver the Major Maintenance program.
- Developed the statewide guidance and training for the Intersection Safety and Operational Assessment Process (ISOAP).
- Led the implementation of multiple roundabouts, road diets, and complete streets elements.

Acting Assistant Division Chief, Caltrans Headquarters Division of Traffic Operations

September 2017 to March 2018

July 2014 to October 2014

- Responsible for State highway operations. Supervised 7 Office Chiefs.
- Duties included managing the day-to-day engineering and planning activities for the division, including reviewing legislation, monitoring the budget, and recommending corrective actions.

Branch Chief, Caltrans District 10 (Stockton) Office of Traffic Engineering

March 2006 to November 2006

- Temporary assignment to assist District 10 to restructure their Traffic branches with the creation of a new unit focused on capital support.
- Duties included performing safety analyses, capital reviews, safety reviews, permit reviews, Minor B design, and sign ordering.

Branch Chief, Caltrans District 6 Office of Traffic Engineering

February 2000 to February 2006

- Supervised the Traffic Engineering branch, with a staff of 11 engineers and technicians
- Served as the District Traffic Safety System Coordinator.

- Duties included preparing safety and operational analyses, local development reviews, permit reviews, safety reviews, PS&E reviews, and Traffic Census.

Transportation Engineer, Caltrans District 6 Office of Traffic Operations

December 1998 to January 1999

February 1997 to February 1998

- Prepared operational analyses, local development review, prepare lane closure charts, permit reviews, and PS&E reviews.

Transportation Engineer, Caltrans District 6 Office of Traffic Investigations

March 1998 to November 1998

- Conducted safety investigations, safety analyses, permit reviews, construction safety reviews, and respond to public concerns.

Transportation Engineer, Caltrans District 4 (Oakland) Office of Traffic Operations

February 1997 to February 1998

- Conducted safety investigations, local development review, construction safety reviews, and permit reviews for highways in Contra Costa County.
- Prepared Project Study Reports for sign upgrades, open grade pavement overlay, new traffic signal, and signal interconnect.

Associate Engineer, City of Roseville Public Works Department

April 1995 to January 1997

- Oversaw the Traffic Section of the Engineering Division. Supervised a staff of 5 fulltime and 5 parttime employees.
- Prepared PS&E for signal projects, respond to public concerns, time signals, prepare parking studies, and permit reviews.
- Staff duties included signal maintenance and preparing engineering and traffic surveys.

Transportation Engineer, Caltrans District 6

May 1992 to March 1995

- Permanent assignment in Traffic Investigations and rotational assignment in Materials Lab, Construction, Project Development, and Traffic Investigation.
- Duties included conducting safety investigations, construction inspections, preparing signing and striping plans, preparing project initiation documents,

designing structural sections, and conducting quality assurance testing in the Materials Lab.

Student Intern, City and County of San Francisco, Department of Public Works and Department of Parking and Traffic

May 1990 to May 1992

- Assisted Project Managers on pavement projects and earthquake damage restoration projects.
- Responded to public concerns, prepare parking studies, and propose signal timing changes.