

Boster, Kobayashi & Associates

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DARIO A. SENOR, P.E., T.E.

Curriculum Vitae

EDUCATION:

Master of Industrial & Technical Studies/Engineering Management, June 1999
California Polytechnic State University, San Luis Obispo

Bachelor of Science, Civil Engineering, June 1997
California Polytechnic State University, San Luis Obispo

PROFESSIONAL REGISTRATION:

Registered Professional Civil Engineer, License #62645
Registered Professional Traffic Engineer, License #2221

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 construction and maintenance, and traffic engineering.

PREVIOUS POSITIONS:

Traffic Safety Branch Chief, Traffic Safety Division (May 2017 to June 2024)
California Department of Transportation, Traffic Safety Division, San Luis Obispo

- District Bicycle and Pedestrian Safety Specialist
- ADA (Americans with Disability Act) Engineer
- Manage the reactive/proactive Safety programs and Complete Streets
- District Highway Safety Improvement Program Advisor
- Responsible for the District Traffic Investigation Report (TIR) safety review process and investigations
- Provide safety engineering analysis for traffic control devices, and all projects
- Manage the Traffic Accident Surveillance and Analysis System-Transportation System Network (TASAS-TSN)
- Perform LD-IGR (Local Development and Inter Governmental Review) process

Transportation Engineer, Traffic Operations Division (September 2014 to May 2017)
California Department of Transportation, Traffic Operations Division, San Luis Obispo

- Perform traffic investigations generated by Americans with Disability Act (ADA) complaints
- Develop and maintain a program to recognize potential ADA deficiencies on the state highway
- Recommend improvements and implementation plans
- Manage the District SHOPP ADA infrastructure program
- Bicycle and Pedestrian Coordinator for Traffic Engineering Division

Acting Statewide Pedestrian and Bicycle Safety Branch Chief (January 2013 to December 2013)

California Department of Transportation, HQ Traffic Operations Division, Sacramento

- Manage Statewide Pedestrian and Bicycle issues and policies
- Develop guidelines for the Pedestrian Safety Monitoring Report
- Co-chaired Challenge Areas 9 and 13 (Pedestrian and Bicycles) of State Highway Safety Plan (SHSP)
- Update guidelines for Traffic Safety Investigations in the HSIP Guidelines

Transportation Engineer, Traffic Operations Division (November 2007 to September 2014)

California Department of Transportation, Traffic Operations Division, San Luis Obispo

- Bicycle and Pedestrian Coordinator for Traffic Engineering Division
- Scope and initiate traffic safety improvement projects and ADA curb ramp projects
- Perform pedestrian and bicycle studies
- Complete Highway Safety Improvement Program monitoring report studies
- Perform collision investigations at high concentration locations within the District and develop solutions

City Traffic Engineer (March 2003 – November 2007)

City of San Luis Obispo, California

- Perform engineering analysis for traffic control devices and operational projects
- Prepare budgets, coordinate designs, inspect and manage the construction of transportation infrastructure
- Responsible for design, construction and maintenance of roads, bicycle and pedestrian facilities, traffic signals, traffic control devices, traffic calming devices and other related facilities
- Review, analyze and make recommendations concerning traffic engineering, operations, and control aspects of development proposals
- Monitor changes in laws, regulations and technology that may affect departmental operations; implement policy and procedural changes after approval

Dario A. Senior, P.E., Civil Engineer, (August 2000 – January 2008)

Consulting, San Luis Obispo

- Perform traffic studies including warrants and traffic calming strategies
- Provide consulting design review to the City of Paso Robles
- Check subdivision improvement plans, parcel and tract maps
- Create improvement plans and exhibits using AutoCAD
- Inspect construction projects

Transportation Engineer, Traffic Operations Division (January 2001 – March 2003)

California Department of Transportation, Traffic Operations Division, San Luis Obispo

- Liaison between Planning Division and Traffic Operations for all local projects
- First contact for public and all local agencies on Traffic Safety Division issues
- Context Sensitive Solutions Technical Assistant Group member
- Responsible for Context Sensitive Solutions in the design and review process with all local agencies
- Co-author of “Main Streets: Flexibility in Design and Operations”
- Perform collision investigations at high concentration locations within the District and develop solutions

Transportation Engineer, Design Division (August 1999 – January 2001)

California Department of Transportation, Design Division, San Luis Obispo

- Safely and efficiently designed new transportation facilities as well as modify existing facilities
- Designs included horizontal and vertical alignments, grading, drainage, and materials quantity calculations
- Developed traffic control systems and strategies that influence operation and capacity of State highways

Assistant Engineer (October 1997 - August 1999)

City of Paso Robles, California

- Assisted in the planning and design of municipal construction projects, plans and specifications
- Checked subdivision improvement plans, parcel, and tract maps
- Created improvement plans and exhibits using AutoCAD
- Prepared staff reports to be presented to City Council
- Acted as “Engineering Inspector” in the inspector’s absence
- Performed all required traffic signal and stop sign warrants

Transportation Engineering Intern

(July 1997 - October 1997)

City of San Luis Obispo, California

- Conducted speed surveys utilizing radar
- Used AutoCAD for inputting traffic collision maps and inputting traffic collision data
- Adept in the placement of traffic counters utilizing HISTAR software and equipment