

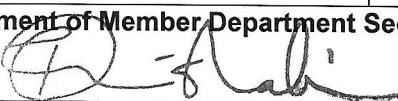


Transportation Vanguard Award 2020 Nomination Form

Who is being nominated?

Last Name: Man	First Name: David	Date: September 29, 2020	
Email: David.man@dot.ca.gov		Position Title: Chief, Office of Electrical Systems/ITS, District 4	
Department: California Department of Transportation		Phone: (510) 286-4607	
Street Address: 111 Grand Ave	City: Oakland	State: CA	Zip code: 94612
AASHTO Committee Membership (optional): Click here to enter text.			

Who is nominating this person?

Last Name: Riley	First Name: Kevin	Date: September 29, 2020	
Email: kevin.riley@dot.ca.gov		Position Title: Office Chief, Office of Technology, Division of Traffic Operations	
Department: California Department of Transportation		Phone: (916) 654-2929	
Street Address: 1120 N Street	City: Sacramento	State: CA	Zip code: 95814
Endorsement of Member Department Secretary/Director (signature): 			

Instructions:

Send nominations by **September 30, 2020**, via e-mail to jdawkins@ashto.org.

David Man is a Caltrans District Office Chief for electrical systems and intelligent transportation systems. He has consistently incorporated and implemented new traffic operational strategies and technologies. Variable advisory speeds, dynamic lane control, automated incident detection, trailblazer signs, color changeable message signs, corridor adaptive ramp metering, part-time use lanes, GPS based transit signal priority, multijurisdictional traffic signal

management, and dynamic routing were implemented for the first time by Caltrans District 4 under David's guidance. David helped overcome the technical and logical challenges through research, adaptation, analysis, testing, and industry collaboration. He integrated new elements seamlessly into the existing transportation infrastructure and updated the operational procedures within the existing policy and regulatory framework.

Over the past decade, David Man has worked closely with many San Francisco Bay Area cities, transit operators, university researchers, and regional agencies including MTC/BATA, VTA, CCTA, ACTC, SMTA, and C/CAG to improve traffic operations and safety. He took on the challenge and complexity of interagency coordination, regional traffic management, shared infrastructure, data sharing, and corridor management. David was Caltrans District 4's first traffic operations corridor manager responsible for a 20-mile stretch of Interstate 80 corridor in Alameda and Contra Costa Counties.

David was a lead for the I-80 Smart Corridor and Richmond San Rafael Bridge Part-Time Use Lane projects. Each project won California Transportation Fund Award and has been showcased at multiple transportation conferences.

More recently, David has worked with the California Highway Patrol, and local agencies to develop and implement contingency plans for the California public safety power shutdowns and wildfire emergencies, impacting traffic signals and safety lighting systems in the Bay Area.

To prepare the San Francisco Bay Area and California transportation system for the future, David facilitates new product testing and research pilots and seeks to mitigate the risks of innovation and implementation of new transportation technologies. In the past, David has supported the research of CAVs, traveler information, multimodal safety applications, traffic management algorithms, vehicle detection systems, communications equipment and analytics.

Since March 2018, David has served as the Chief of the Office of Electrical Systems/ITS responsible for the technical development and operations of intelligent transportation systems (ITS), transportation management center (TMC) infrastructure, and integrated corridor management (ICM). His teams of engineers continue to support cutting edge projects, such as the upgrade of the one of a kind San Francisco Bay Bridge mainline metering system and exploring new technologies and transportation management strategies.