

Transportation Operations Technology Expert Task Group (TOT)

Member Name	Division/Branch	Title
Xiugang “Joe” Li	PDAD – Research	Research Coordinator
Miguel Figliozzi	PSU	Professor
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	Maintenance and Operations Branch, ITS Section	Systems Operations and ITS Manager
Shyam Sharma	Region 1 – Tech Center	Senior Traffic Unit Manager
Don Crownover	Policy, Data & Analysis Division	Team Lead – Professional Engineer
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Research Priorities

This ETG reviews any research problem statements related to transportation operations and analysis.

The following bullet points are areas of potential research this Expert Task Group (ETG) will pursue and examine for funding:

Transportation Operations Technology Topics

- Intelligent transportation systems;
- Transportation systems management and operations;
- Planning for operations;
- Freeway operations;
- Traffic signal operations and design;
- Unsignalized intersection operations and design;
- Highway capacity and reliability;
- Transportation system monitoring and data;
- Operations performance of roadway design; and
- Strategies to improve transportation operations and mobility.
- Corridor and network level operations integration;
- Operations resilience;
- Arterial operations including long-distance highway corridor operations; and
- Operations analysis and investment as supplementing and substituting for physical capacity expansion.