INTELLIGENT TRANSPORTATION SYSTEM (ITS) **ACADEMIC WORKSHOP**



Tampa, FL

MARCH 27 & 28, 2019

MICHELLE NOCH
ITS PCB PROGRAM MANAGER
ITS JOINT PROGRAM OFFICE
U.S. DEPARTMENT OF TRANSPORTATION



U.S. Department of Transportation



ITS PROFESSIONAL CAPACITY BUILDING PROGRAM

MARCH 27, 2019

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ITS PCB PROGRAM BACKGROUND

Part of USDOT ITS Joint Program Office (JPO)

- **1996:** Authorized by Congress
- 2010: Reauthorized by MAP-21
- 2016: Reaffirmed by FAST Act
- 2010: Embarked on new strategic direction:
 - Develop new ITS content and fill gaps in existing content
 - Build partnerships to direct learning to the right audiences
 - Move to cost-effective, engaging delivery methods

PROGRAM STRATEGY

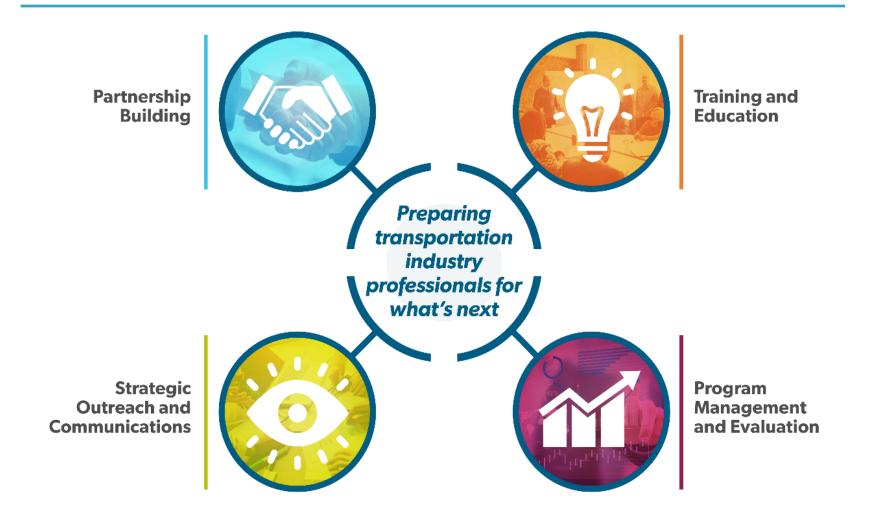
The ITS PCB Program supports a variety of ITS learning opportunities to accelerate ITS deployments and encourage more efficient operations

Vision: Prepare a dynamically knowledgeable community of transportation industry professionals for a connected automated transportation system

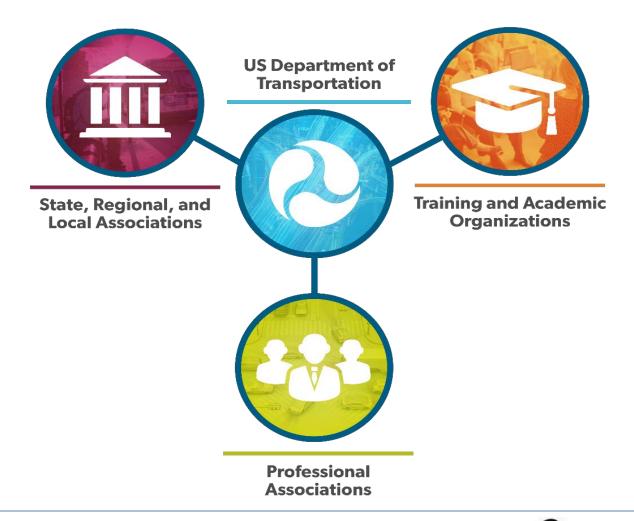
PROGRAM STRATEGY

Mission: Provide a multimodal and multi-disciplinary capacity building program for all levels of current and future transportation professionals to accelerate preparation for and the deployment of innovative ITS

PROGRAM STRATEGY



THE ROLE OF PARTNERSHIPS



PROGRAM STAKEHOLDER & MODAL PARTNERS

PCB Program Team

- Volpe Center
- Booz Allen Hamilton
- Noblis
- ITS America
- NOCoE
- ITE
- National Highway Institute

Modal Partners

- Federal Highway Administration
 - Offices of Operations, Safety, Planning and Innovative Program Delivery
- FHWA Resource Center
- Federal Transit Administration
- Maritime Administration
- Federal Motor Carrier Safety Administration

Key Program Stakeholders

- Universities
- Community Colleges/Trade Schools
- Transportation Workforce Centers
- Professional Associations
 - AAPA
 - > AMPO
 - > APA
 - > APTA
 - > AASHTO

- > CTAA
- Consumer Electronics Association (CEA)
- > IEEE
- > IMSA
- > International Road Federation (IRF)

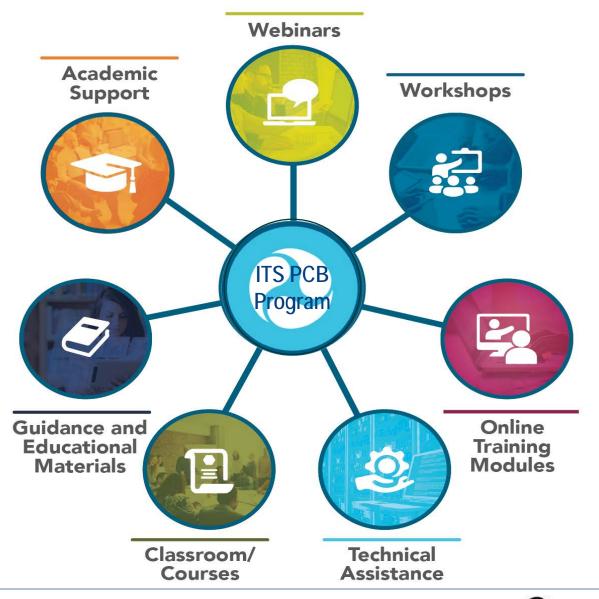
- NACo
- > NADO
- > NARC
- SAE International



ITS AUDIENCE TRAINING SEGMENTS

Agency Management Executives and General Managers Transportation System Users **Transportation** Management Commercial Vehicles/ • Transportation Management Freight **Center Operations** General Public • Transportation Operations/ **Traffic Engineers** • ITS Project Managers Transit Professionals Technical Development/Device Policy and Planning Agency IT/Tech Support • Legal and Legislative Automakers/ Planners Original Equipment Public Safety Manufacturers (OEMs) Professionals • Software Engineers/ Technology Managers/ **Specialized Operations Application Developers** • Infrastructure Integrators/ • Incident Management **Equipment Vendors** Operators Maintenance Engineers Safety Analysts/Engineers

ITS PCB PROGRAM - PORTFOLIO OF PRODUCTS



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