Breakout Session 6-I: Building a Pilot Deployment Concept and Partnerships

Gabe Guevara (FHWA)
Brian Cronin (ITS JPO)
Agenda

- Introduction (5 minutes)

- Discussion Questions (30 minutes)

- Walkthrough of the Example Sunnyside Deployment Concept (10-25 minutes)

- Optional (if time) Walkthrough of the Example H.W. Halleck Expressway Deployment Concept (10-25 minutes)

- General Discussion

WEBINAR PROTOCOL:
Please use chat box to indicate you have a comment or a question, a support staffer will jump in for you to ask the question.

Please MUTE your phones!
Introduction

- **Goal:** Gather feedback from stakeholders about recommended leaders and partnerships for a successful pilot deployment.
Discussion Questions

- What type of organization should lead a Connected Vehicle Pilot Deployment?
  - Should there be a clear leader or a collaboration of organizations?
  - Do you agree that public agencies should lead pilot deployments?
    - What kind of public agencies?
  - Should system integrator or private sector firms lead pilot deployments?
  - Should academic or research institutions lead pilot deployments?

- What partnerships are important in a CV Pilot Deployment?
  - Public-private partnerships?
  - Partnerships with academic institutions?

- How important are existing long-term partnerships in a successful CV Pilot Deployment?
Downtown Sunnyside

Sunnyside’s central business district:
- Busy signalized network in Southern U.S.
- Complex, congested intersections
- Limited parking options
- Transit corridor
- High pedestrian traffic
- Poor localized “hot spot” air quality
Example #1: Pilot Deployment Walkthrough of Sunnyside

- **Things to consider** in each example pilot deployment:
  
  - What is the **ideal composition** of the team for this specific deployment?
  
  - What **type of organization** would be best suited to lead this team?
  
  - What might be the **challenges, strengths, and weaknesses** of this effort?
H.W. Halleck Expressway

The H.W. Halleck Expressway:
- Highly congested 10-mile urban freeway
- Multiple interchanges
- Natural bottleneck at the Colfax S-Curve
- Significant issue with incidents, both minor (frequent) and major
- Unreliable travel times
- Limited arterial diversion routes
Example #2: Pilot Deployment Walkthrough of the H.W. Halleck Expressway (optional if time)

- Things to consider in each example pilot deployment:
  - What is the **ideal composition** of the team for this specific deployment?
  - What **type of organization** would be best suited to lead this team?
  - What might be the **challenges, strengths, and weaknesses** of this effort?