



# Breakout Session 6-1: Building a Pilot Deployment Concept and Partnerships

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# Agenda

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- 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:

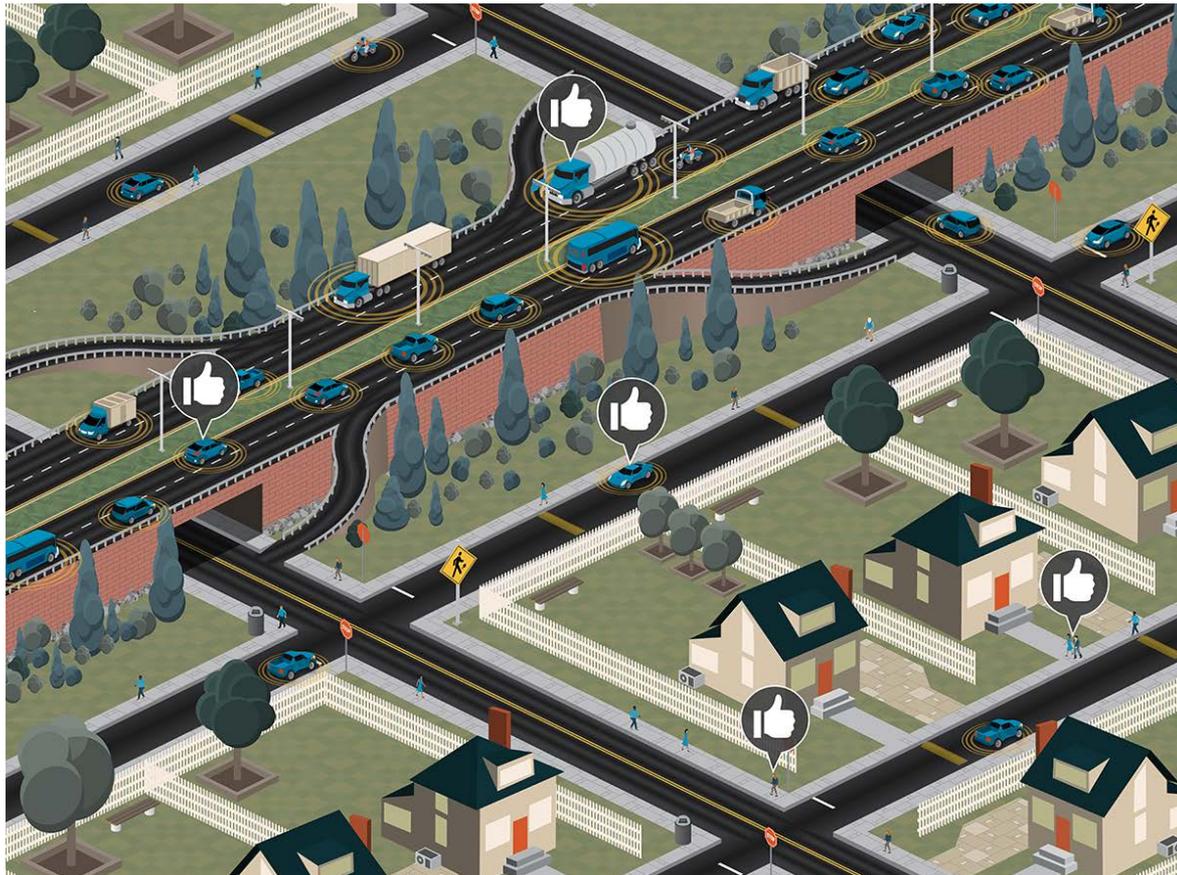
Please use chat box to indicate you have a comment or a question, a support staffer will jump in for you to ask the question.

**Please MUTE your phones!**



# Introduction

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



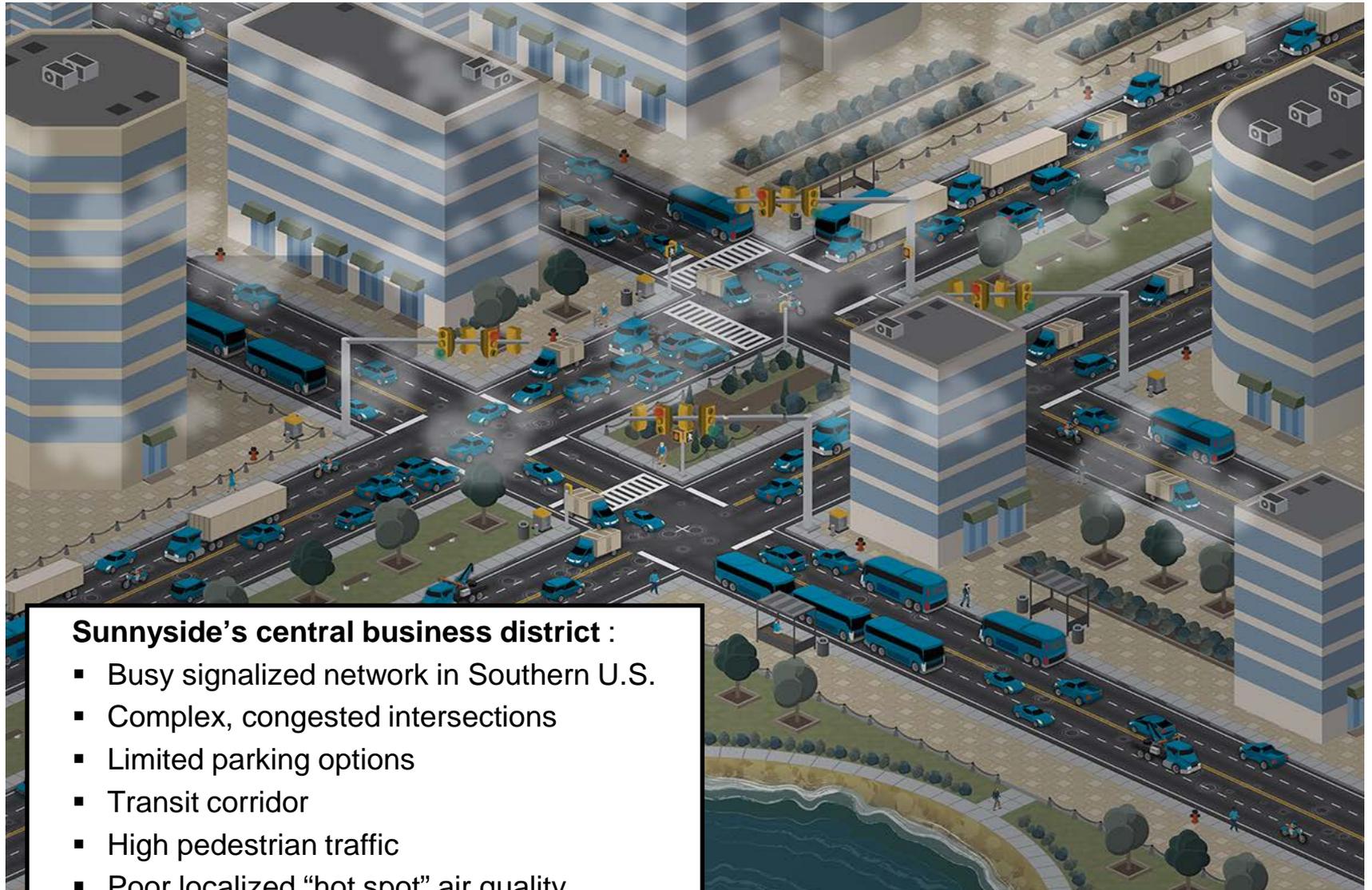
# Discussion Questions

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- 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

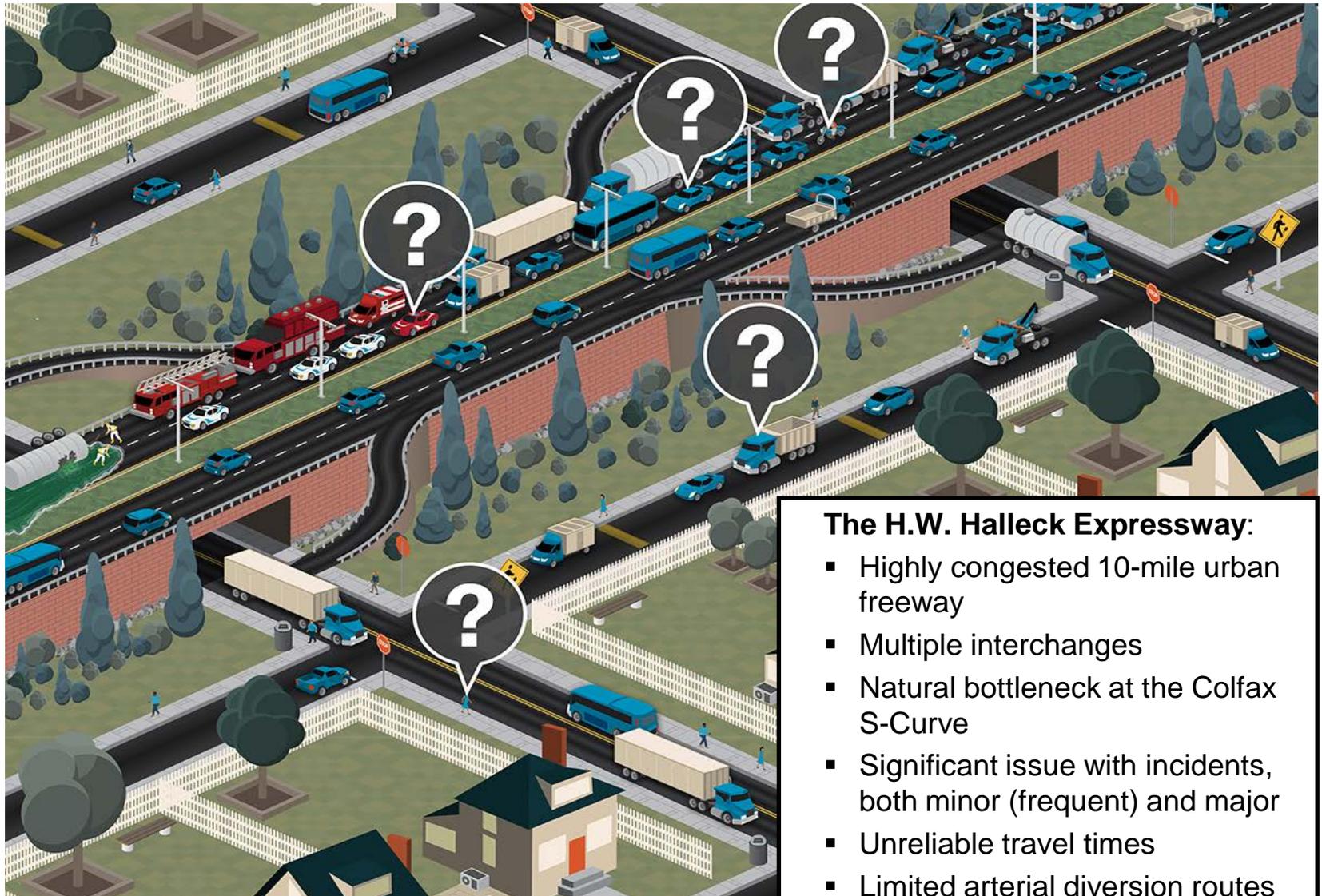
# Example #1: Pilot Deployment Walkthrough of Sunnyside

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- **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?

