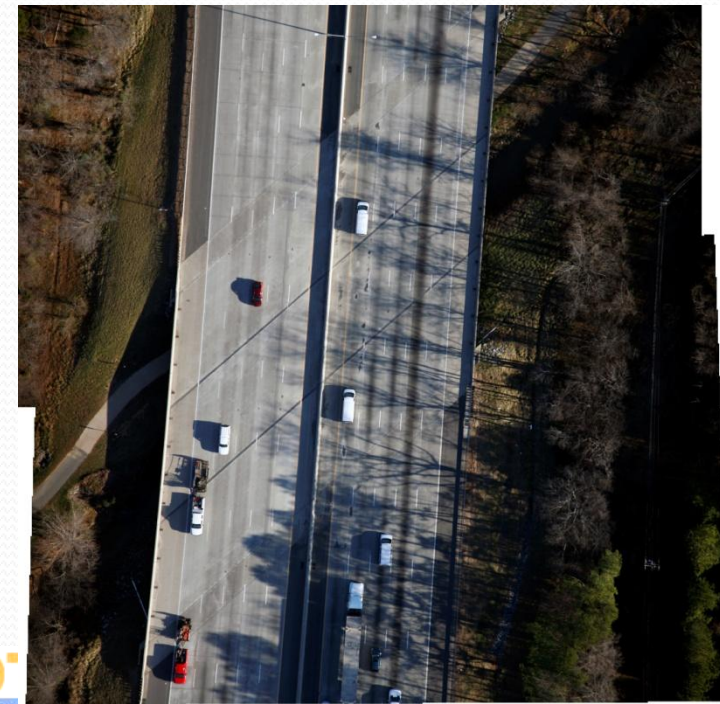# FLYOVER Objectives

- **Establish Sub-inch aerial photo for bridge evaluation**
  - Cracks
  - Damage
  - Expansion Joints
- **Ground truth with visual inspection**
  - Determines accuracy of analysis
- **Develop image process algorithm**

Tasks

- Completed Flyover of 20 selected bridges.
- 20 bridge sub-in resolution images submitted by Boyle Consulting.
- Bridge image analysis for crack-joint detection completed - 10 photos.
- Issues of bridge image analysis currently summarized.

Functionalities

Higher Resolution Photo with possible automation for:

- Damage Detection
- Bridge Movement
- Settlement Issue
- Debris
- Channel Capacity Analysis
- Asset Identification

Google Earth vs. Sub-in Flyover