

# CV-1K+ Initiative



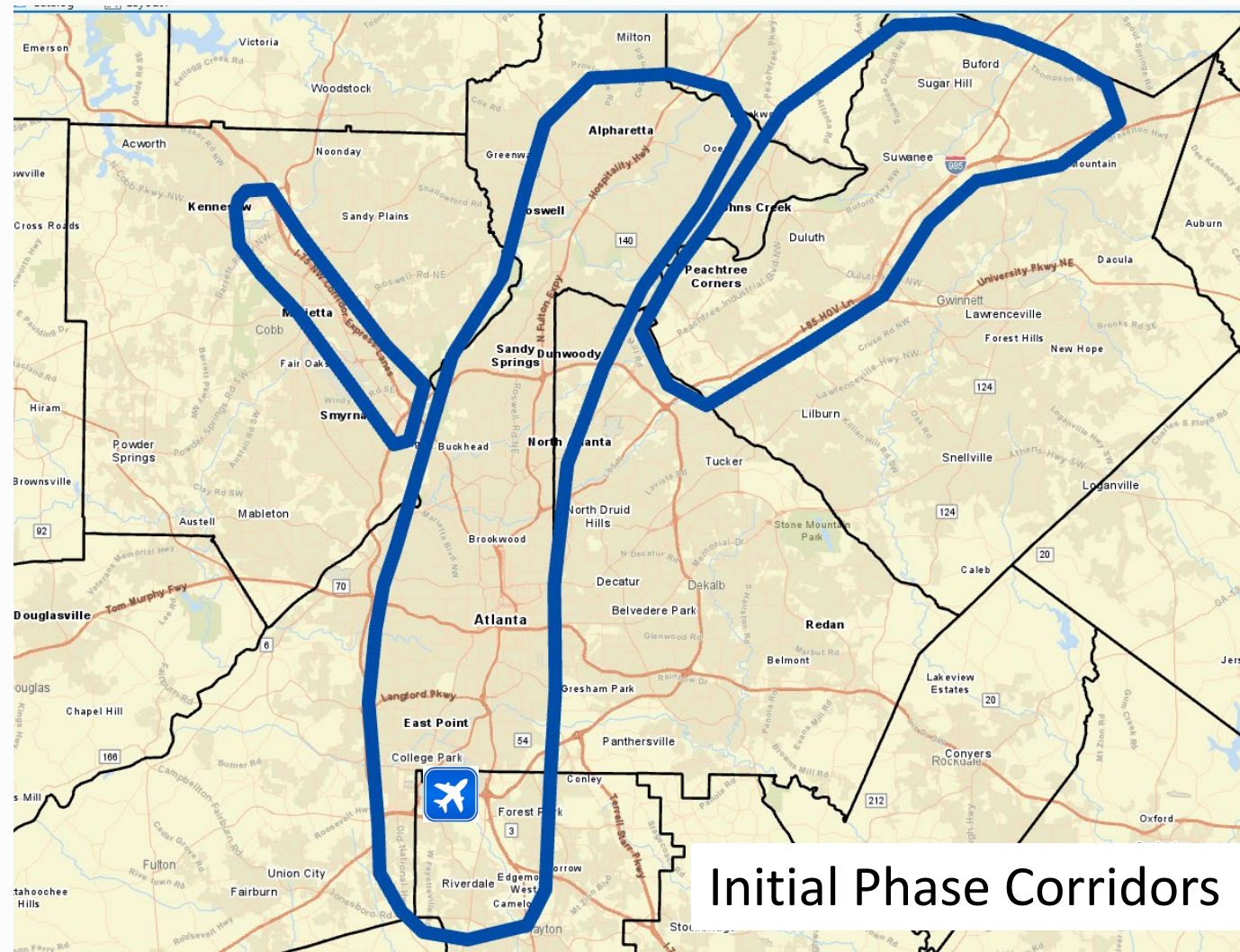
Source: USDOT

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# Generalized Concept (high level)

- Implement connected vehicle technologies operating in the 5.9 GHz safety spectrum at traffic signal intersections
- Pursue applications that improve safety and mobility, such as emergency vehicle preemption and transit signal priority
- Multi-year regional implementation, with initial phase beginning in FY 2020



# CV-1K+ Initiative Imperatives

- Private sector led initiative
- To accomplish the Vision, the technology will determine the scope and geography of the deployment
- It must encompass (at a minimum) the Hartsfield Jackson International Airport area north through the City of Atlanta to Alpharetta
- It must work for C-V2X, CV2N and DSRC technology
- Communities which have already invested will be able to beneficially participate
- Data resulting from the deployment will be available to the communities, GDOT and ARC
- It must be readily expandable in scope and capabilities
- It must be “Future Proof” and “Open”
- This is entirely about enabling the infrastructure. Its specific uses within jurisdictions are matters of policy, entirely within the control of the communities they serve.