

# DCA South of Airport Aircraft Noise and Mitigation Study Project Update



Fairfax County Open House  
*May 14, 2025*



# AGENDA

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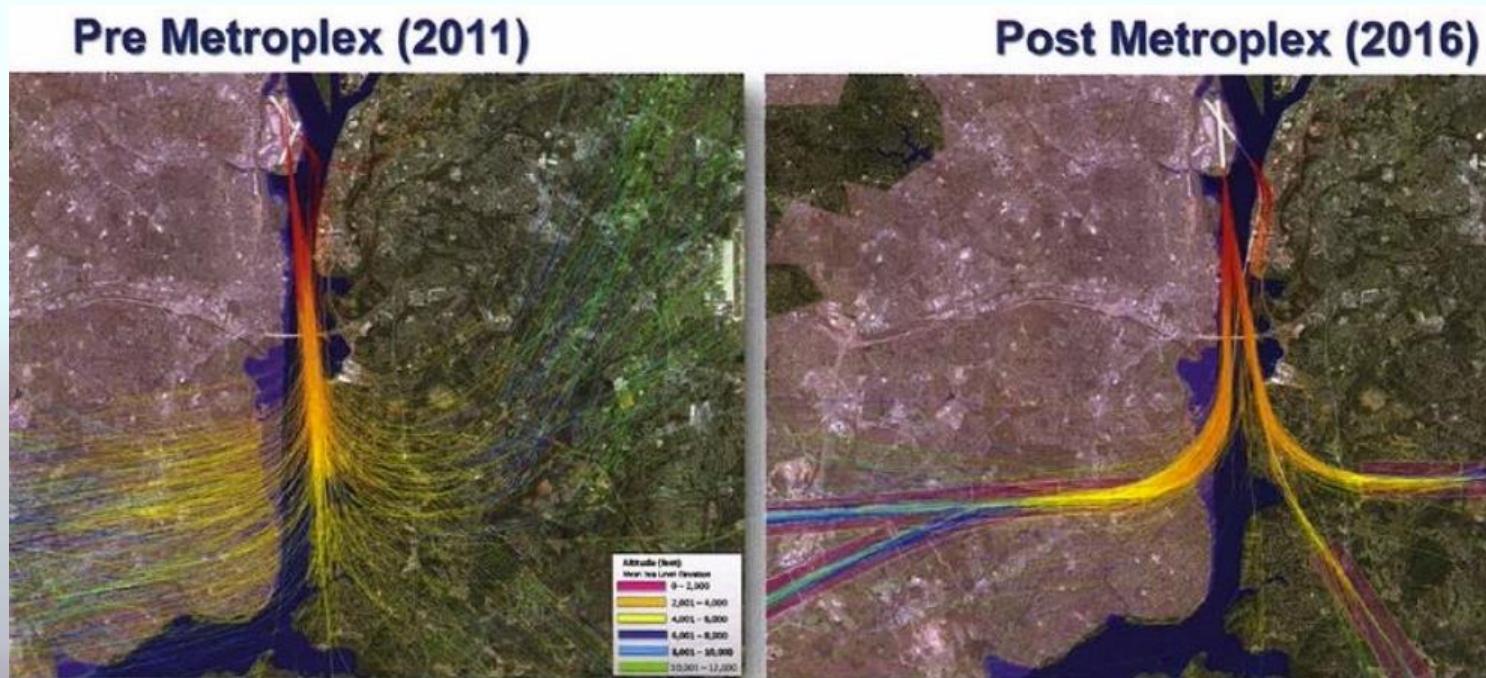
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| 01 | Welcome |
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| 02 | Project Objectives |
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# Project Objectives

Changes in the airspace and flight procedures (arrivals and departures) resulted in changes in flight paths including increased overflights of residential populations south of DCA.

The primary objectives of this project included reducing overflights and noise exposure for residents of Alexandria, Fairfax and Prince Georges Counties.



Source: <https://houseofreps.maps.arcgis.com/apps/MapJournal/index.html?appid=04b6ea5feb1e4b61b8bb4be439bd882b>

# CWG and Steering Committee Representatives



## CWG Representatives

### **Fairfax County:**

Bob Meier  
Mike Rioux

### **Prince George's County:**

Eric Woods – Ft. Washington  
Bill Parker – Accokeek

### **City of Alexandria:**

Travis Ludwig – Captain with United Airlines  
Norman Leader – Retired Air Traffic Controller

## Steering Committee Representatives

### **Fairfax County**

Katie Hermann, Assistant Director, Department of Planning and Development (DPD)  
Corinne Bebek – Senior Environmental Planner, DPD

### **Prince George's County**

Dawn Hawkins-Nixon – Associate Director, Department of the Environment (DoE)  
Deborah Patrick – Special Assistant to the Director, DoE

### **City of Alexandria**

William Skrabak – Deputy Director, Department of Transportation & Environmental Services (T&ES)  
Felipe Ip – Acting Environmental Manager, T&ES  
Melissa Atwood – Senior Environmental Specialist, T&ES



- 1. Maximize flight paths over the center of the Potomac River and “compatible” areas, including industrial areas, major highways, utility corridors, etc.**
2. Maximize altitude – Use Optimized Profile Descent to reduce noise over noise-sensitive areas.
3. Increase track variability – Reduce concentration over noise-sensitive areas.
4. Avoid disproportionate impact to any single entity (county, city, town, neighborhood, etc.).
5. Minimize overhead flights of noise sensitive areas (schools, hospitals, churches, historic sites, parks, etc.).







# North and South Flows

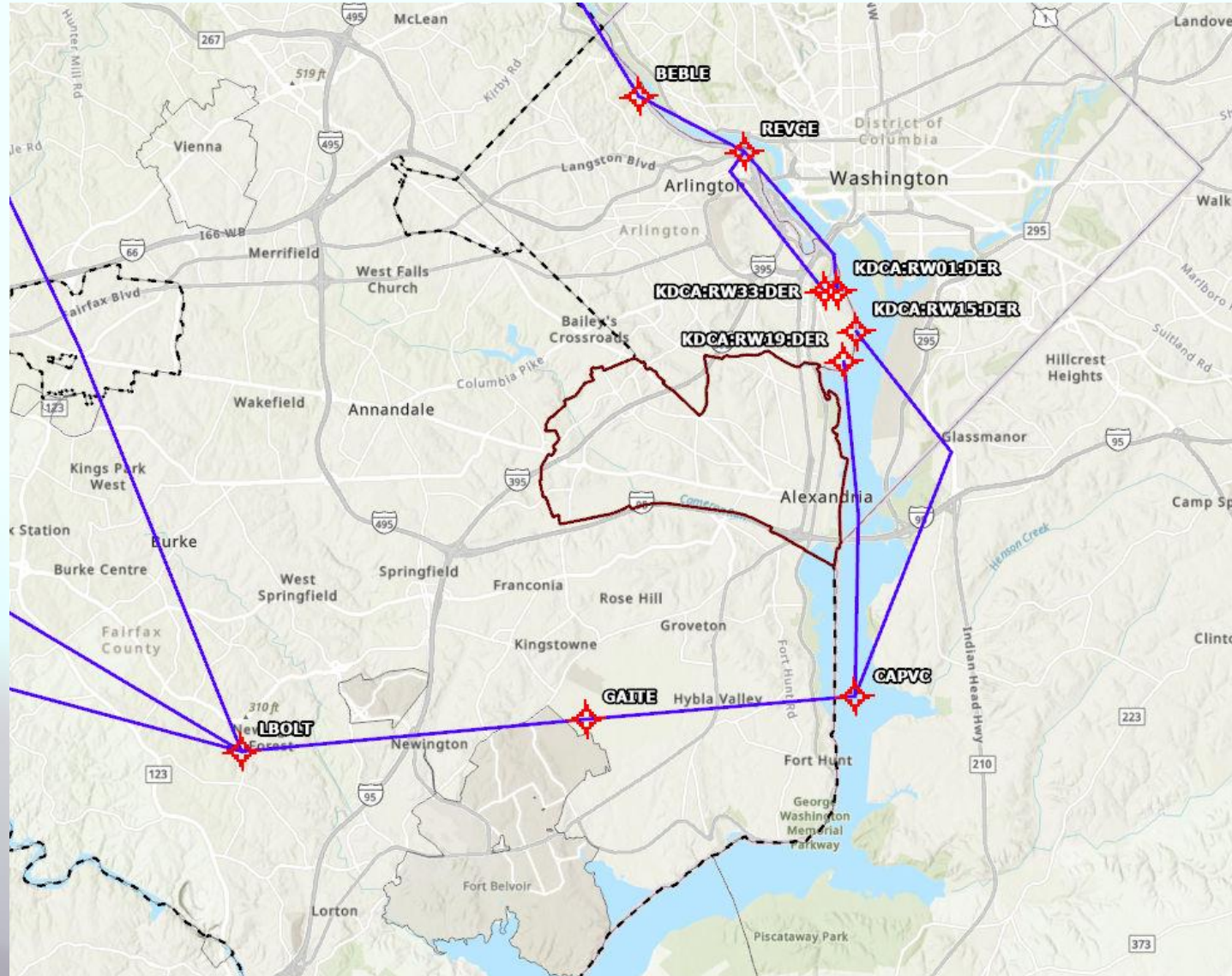


# Airspace and Flight Procedure Changes

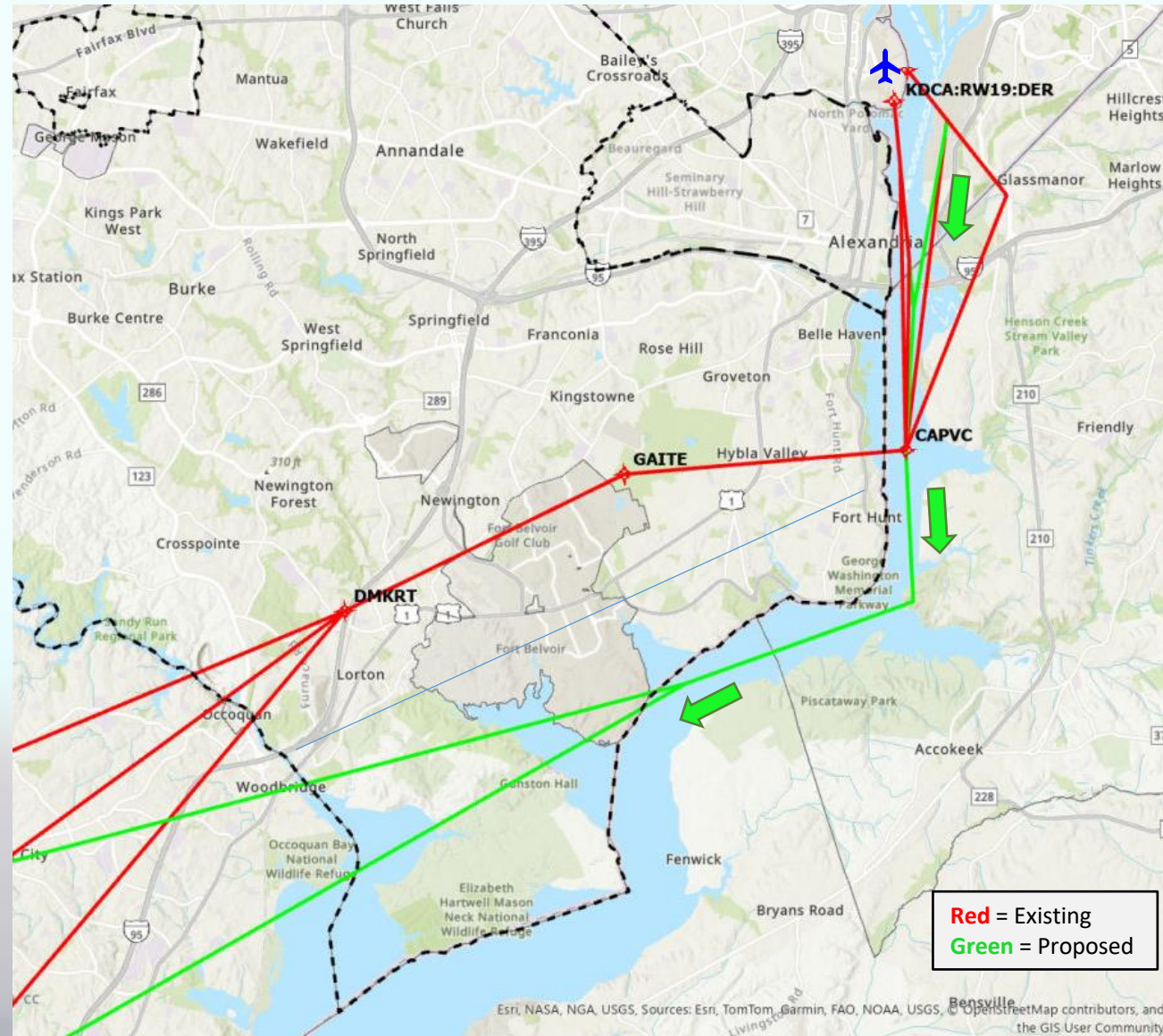




# Current Departure Routes



# Flight Procedures Changes – South Flow (Departures)

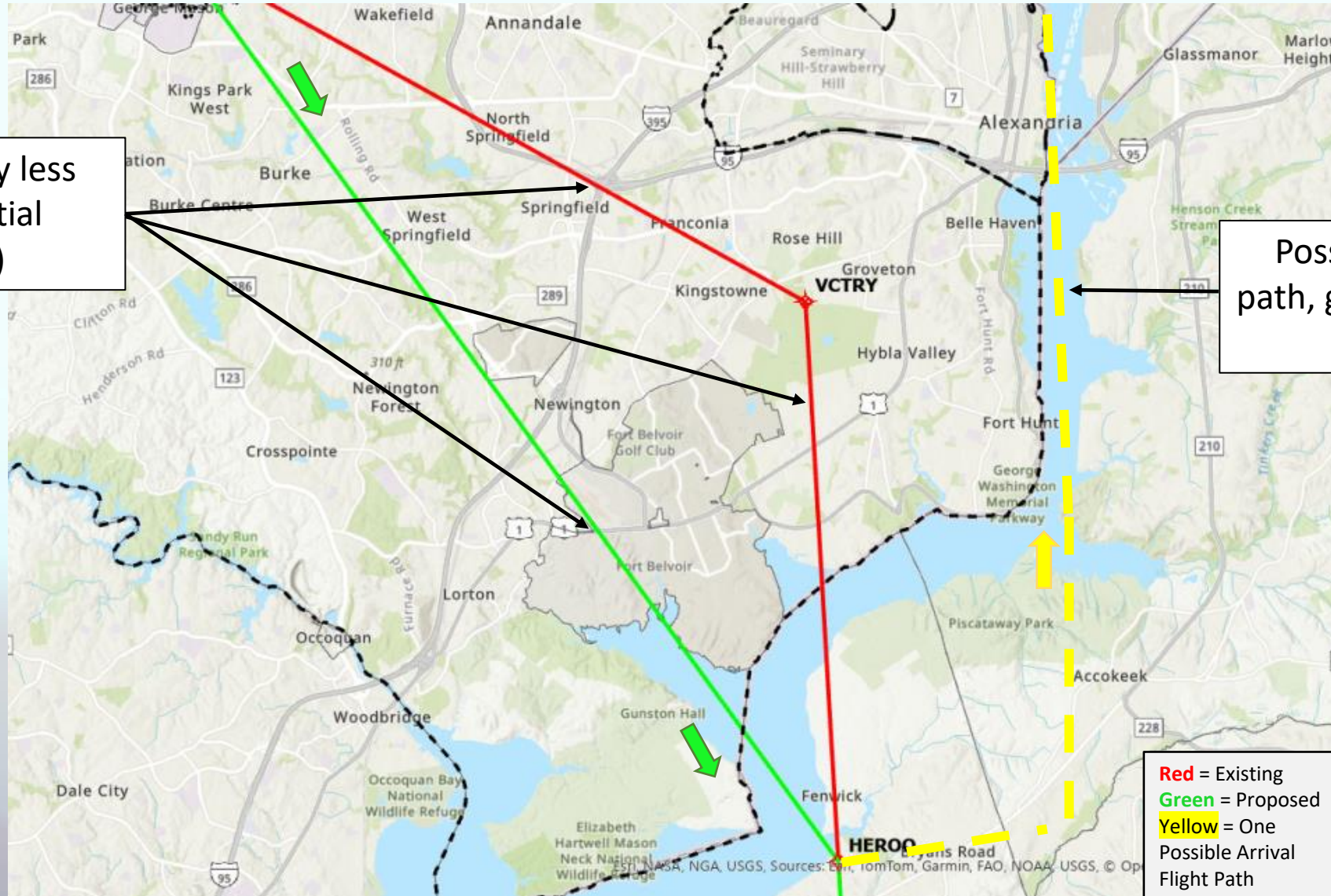




# Flight Procedures Changes – North Flow (Arrivals)

Shifted to overfly less dense residential (Zoomed In)

Possible arrival flight path, guided by Air Traffic Control





# Next Steps

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- Fairfax County Open House Meeting: May 14, 2025
- Board of Supervisor's Land Use Policy Committee Briefing: June 17, 2025
- Design Team reviews public input and finalizes recommendations
- Final CWG Briefings - July/August
- Submission to FAA: expected late Summer/ Fall, 2025



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