

DCA South of Airport Aircraft Noise and Mitigation Study

Project Update



Virtual Community Meeting
City of Alexandria
May 22, 2025



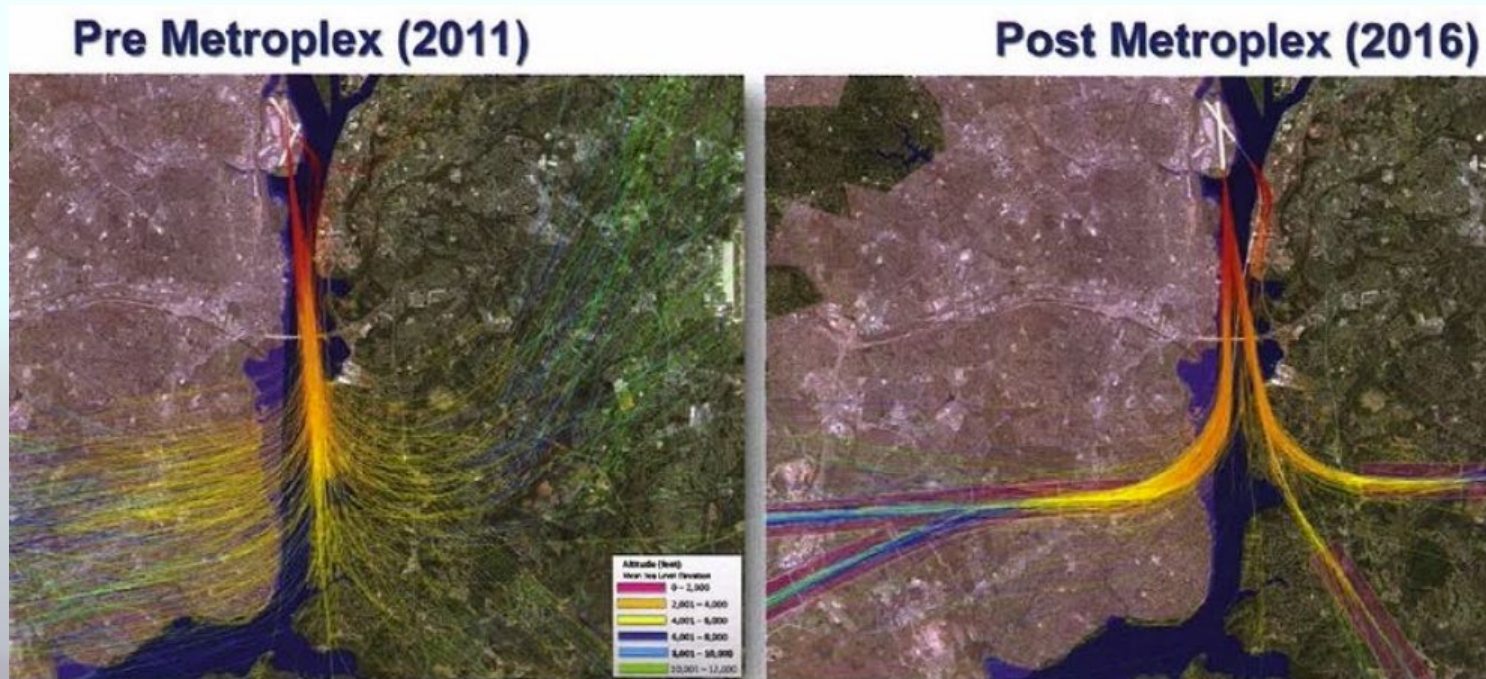
AGENDA

-
- | | |
|----|-------------------------|
| 01 | Welcome & Introductions |
|----|-------------------------|
-
- | | |
|----|--------------------|
| 02 | Project Objectives |
|----|--------------------|
-
- | | |
|----|---------------------------------|
| 03 | Design Team & Design Philosophy |
|----|---------------------------------|
-
- | | |
|----|-----------------|
| 04 | Recommendations |
|----|-----------------|
-
- | | |
|----|------------|
| 05 | Next Steps |
|----|------------|
-
- | | |
|----|------------------|
| 06 | Discussion / Q&A |
|----|------------------|
-

Project Objectives

Changes in the airspace and flight procedures (arrivals and departures), post-Metroplex, 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 the City of Alexandria and Fairfax and Prince George's Counties.



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

City of Alexandria

Melissa Atwood – Senior Environmental Specialist, Department of Transportation & Environmental Services (T&ES)

William Skrabak – Deputy Director, T&ES

Felipe Ip – Acting Environmental Manager, T&ES

Fairfax County

Katie Hermann, Assistant Director, Planning Division, 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

Project Design Team



Travis Ludwig - City of Alexandria

CWG representative, Captain with United Airlines

Norman Leader - City of Alexandria

CWG representative, Retired Air Traffic Controller

Bob Meier - Fairfax County

CWG representative, Fairfax County Airports Advisory Committee (AAC) member

Mike Rioux - Fairfax County

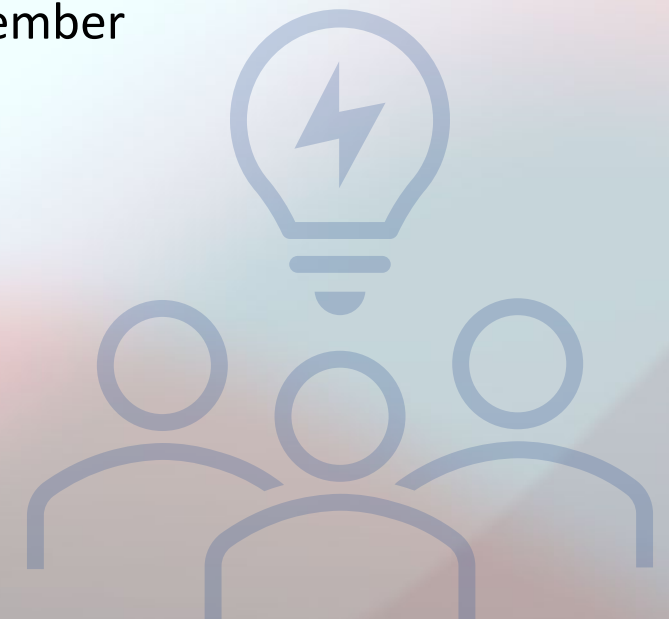
CWG representative, Fairfax County AAC member

Eric Woods - Prince George's County

CWG representative, Prince George's County – Ft. Washington

Bill Parker - Prince George's County

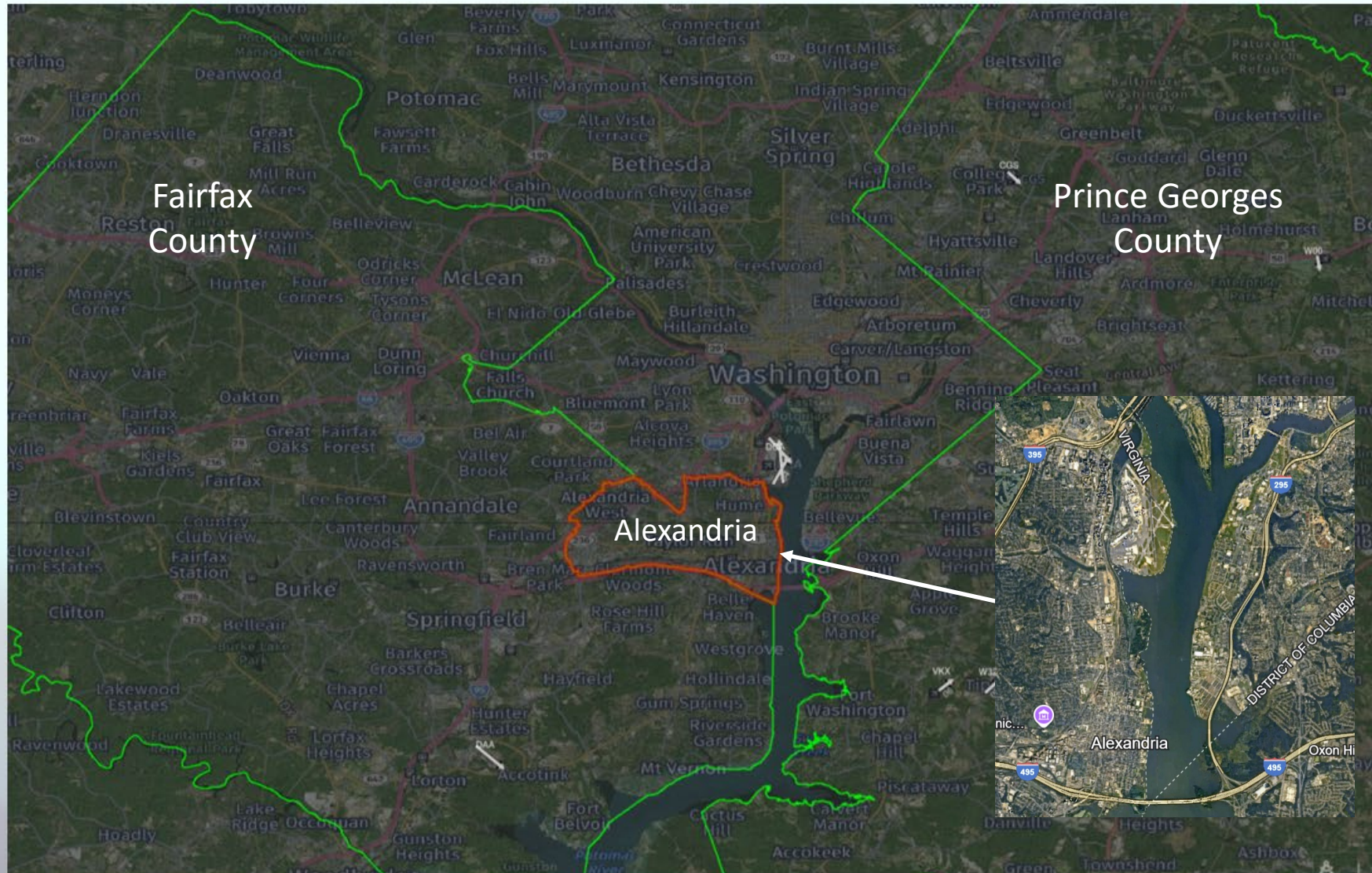
CWG representative, Prince George's County – Accokeek



(DCA Community Working Group (CWG) Representatives)

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.).

Study area for jurisdictions south of the airport



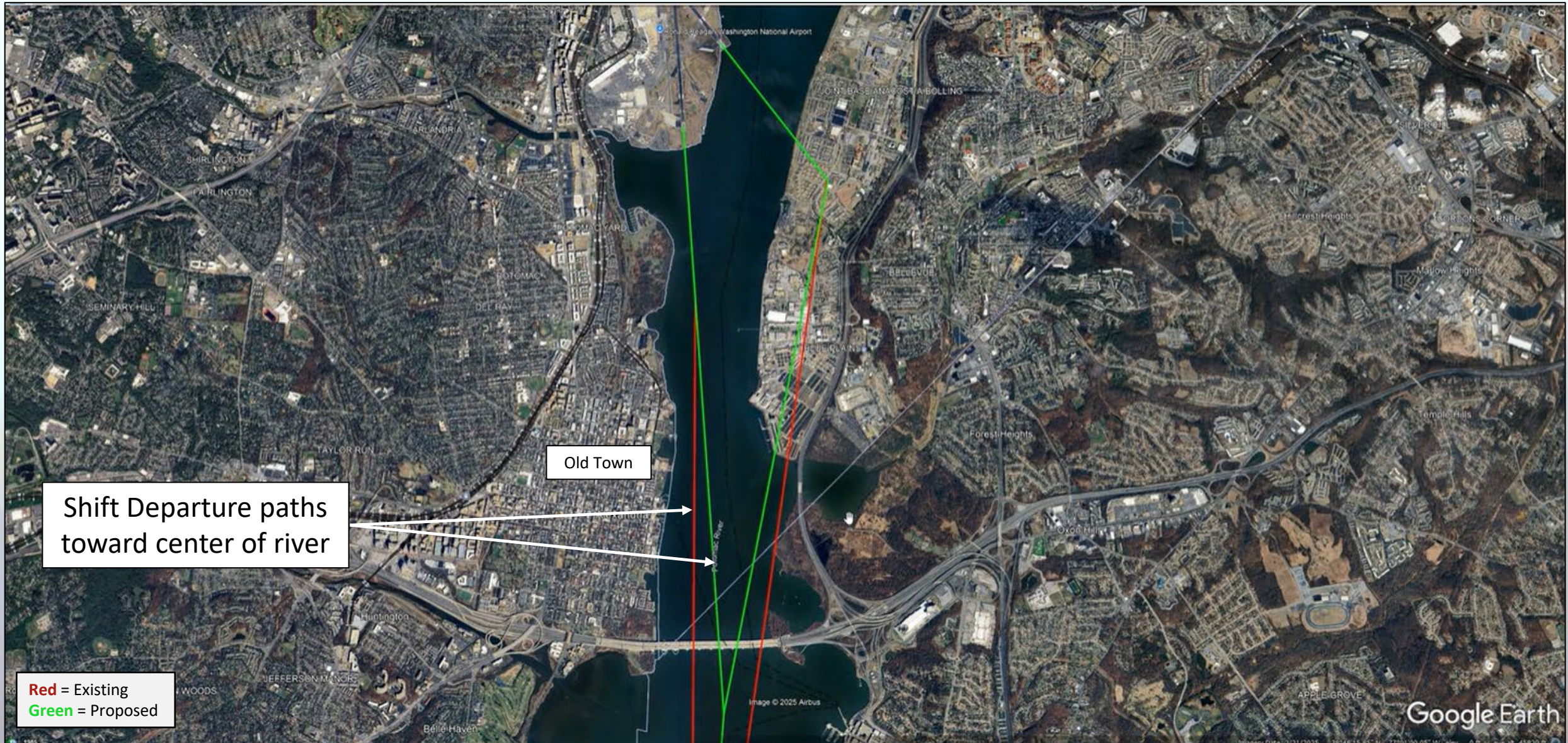
North and South Flows



Airspace and Flight Procedure Changes



Flight Procedures Changes – South Flow (Departures)



Flight Procedures Changes – North Flow (Arrivals)



Next Steps

- Memo with recommendations sent to City Council in April/May 2025.
 - Design Team finalizes recommendations in June/July 2025
 - Final Metropolitan Washington Airports Authority (MWAA) CWG Briefing and Adoption of Recommendations, July 24th, 2025
 - Submission to FAA expected late Summer/ Fall 2025
-

Comments / Questions?



www.vianair.com

info@vianair.com