

# College Park Airport Safety Project Report

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Prince George's County



# Safety Project: Goals

- Safety for Public and Pilots
- Environmental Stewardship
  - Minimize Impact & Restore Resources
- Enhanced Amenities
- Improved Community Engagement and Communications



# Safety Project: Phases

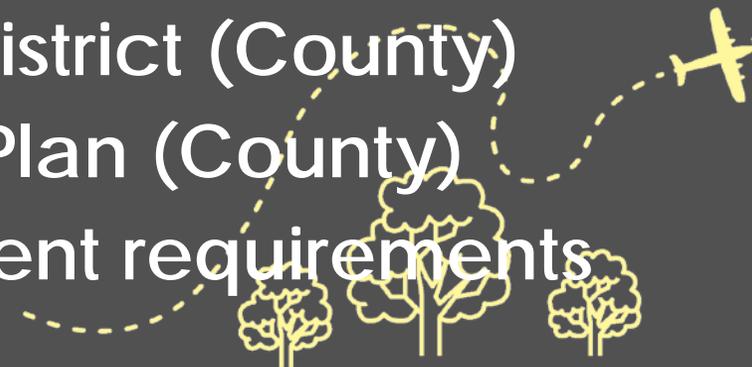
- Phase One: Airport Layout Plan Development includes Obstruction Analysis (2012)
- Phase Two: Runway Renovation and Compliance with FAA / MAA Threshold Recommendations (2019)
- Phase Three: Obstruction Removal and Conservation / Community Commitment (2020)
- Phase Four: Precision Guidance System and Taxiway Renovation (2021)



# Safety Project: Compliance

Met or exceeded all Federal, State, County and Local Regulations

- Federal Aviation Administration (Federal)
- Army Corp of Engineers (Federal)
- Maryland Department of the Environment (State)
- Department of Natural Resources (State)
- Maryland Aviation Administration (State)
- Prince George's County Soil Conservation District (County)
- Prince George's County Tree Conservation Plan (County)
- City of College Park tree canopy replacement requirements



# Airport Operations

- Airport operating license was renewed on October 1, 2020 through September 30, 2021 by the Maryland Aviation Administration
- Airplane traffic over the past three years:
  - 2018: 5 flights/day, 36 flights/week, 155 flights/month
  - 2019: 8 flights/day, 58 flights/week, 252 flights/month
  - 2020: 6 flights/day, 41 flights/week, 176 flights/month



# Obstruction Mitigation



# Obstruction Mitigation

- Work is complete with 387 trees removed and 1,173 trees trimmed, which is 60 percent less than the projected 3,000
- FAA dictates the exact mitigation area and obstruction height
- No intention to significantly expand airport operations
- Department of Natural Resources conducted final inspection and approved site – noting that all operations have been completed and all skid trails have been stabilized





RW 15

# Tree Trimming Impact Counts by Zone

**RW 33**



**Beyond F**  
256 trees

# Tree Impact Counts by Zone



# Obstruction Mitigation



# Tree Re-Planting



# Tree Re-Planting

- Spring 2020: Planted 122 trees near eastern side of the Airport runway 33
- Fall 2020: Planted 589 trees in and around the City of College Park including 376 canopy trees and 213 flowering trees
- Spring 2021: Donating 500 trees to local community
- Summer 2021: Continued stabilization, invasive species removal, cover crop planting, landscaping



# Tree Re-Planting

Fall 2021:

- 1,054 trees will be planted in the City of College Park and watershed including 719 canopy and 335 understory
- 8,585 shrubs and 3,265 herbaceous plants will be planted in the areas near the east and west ends of the runways

A total of 1,765 trees will be planted by December, 2021.



# Tree Re-Planting Plan

## Survivability Strategy:

- Evaluation of tree loss due to trimming will take place after the 2022 growing season. Lost trees will be re-planted in Fall 2023.
- Evaluation of tree loss from the Fall 2020 re-planting will take place in September 2021 (after cicadas). Lost trees will be re-planted in Fall 2022.



# Phase One

## Zone 2 Species & Counts

- *Viburnum lentago* - 10
- *Viburnum dentatum* - 8
- *Viburnum prunifolium* - 10
- *Cornus sericea* - 5
- *Amelanchier canadensis* - 5
- *Magnolia virginiana* - 5
- *Aronia arbutifolia/melanocarpa* - 8
- *Lindera benzoin* - 8
- *Cercis canadensis* 'Covey' - 4
- *Chionanthus virginicus* - 4

**Zone 2**  
Spring 2020

## Zone 1 Species & Counts

- *Cercis canadensis* - 5
- *Cornus florida* - 10
- *Quercus rubra/alba/palustris* - 10
- *Acer rubrum* ('October Glory' & 'Red Sunset') - 10
- *Betula nigra* - 3
- *Fagus grandifolia* - 2
- *Nyssa sylvatica* - 5
- *Tilia americana* - 2
- *Platanus occidentalis* - 4
- *Carya ovata* - 2
- *Ulmus americana* 'Valley Forge' varietal - 2

**Zone 1**  
Spring 2020

**Zone 3**  
TBD

Campus Drive

Kenilworth Avenue



# Phase Two

5211 Campus Dr

**Zone 4**  
Fall 2020

Campus Drive

**Zone 5**  
Fall 2020

## Zone 4 Planned Types

- Flowering - 12
- Canopy - 34

## Zone 5 Planned Types

- Flowering - 67
- Canopy - 55



4901 Lakeland Rd

Rhode Island Avenue

Pierce Avenue

# Zone 6

Fall 2020

## Zone 6 Planned Types

- Flowering - 25
- Canopy - 32

# Phase Two



# Phase Two

**Zone 9**  
Fall 2020

**Zone 7**  
Fall 2020

**Zone 8**  
Fall 2020

4300 Metzerott Rd

Metzerott Road

Baltimore Ave

### Zone 7 Planned Types

- Flowering- 14
- Canopy - 35

### Zone 8 Planned Types

- Flowering- 30
- Canopy - 66

### Zone 9 Planned Types

- Flowering- 17
- Canopy - 80

# Phase Two

**Zone 10**  
Fall 2020

## Zone 10 Planned Types

- Flowering - 48
- Canopy - 74

9699 53rd Ave



# Phase Three

**Zone 11**  
Fall 2021

## Zone 11 Planned Types

- Understory Tree- 73
- Shrub- 2066



# Phase Three

**Zone 12**  
Fall 2021

## Zone 12 Planned Types

- Understory- 9
- Canopy- 30



# Phase Three

**Zone 13**  
Fall 2021

## Zone 13 Planned Types

- Understory - 6
- Canopy - 90



# Phase Three

8200 55th Ave

## Zone 14 Planned Types

- Understory -5
- Canopy -60

**Zone 14**  
Fall 2021



# Phase Three

## Zone 15

Fall 2021

### Zone 15 Planned Types

700 mixed species 1" caliper trees will be planted in a new Forest Stand Delineation

# Phase Three

**Zone 16**  
Fall 2021

## Zone 16 Planned Types

- Understory - 67
- Shrub - 6519
- Herbaceous - 3265



Old Calvert

# Phase Three

**Zone 17**  
Fall 2021

## Zone 17 Planned Types

- Canopy- 14

# Enhanced Amenities



# Shade Structures



Two permanent shade structures.



# Art Sculptures



Six Art Sculptures.



# Art Sculptures



Six Art Sculptures.



# Art Sculptures



Six Art Sculptures.



# Art Sculptures



Six Art Sculptures.



# Art Sculptures



Six Art Sculptures.



# Disc Golf

- On-site meeting Sunday, April 18
- Replanting in this area can't take place until course is finalized



Existing  
ground

# Community Engagement



# Planting a Partnership

- Department will give away 500 trees to local community on May 1 as part of a “trees for tomorrow” campaign and our overall tree renewal commitment.



**TREE GIVE-AWAY DAY**

SATURDAY, MAY 1, 2021  
9 AM–1 PM



**JOIN US ON SATURDAY, MAY 1 AS M-NCPPC, DEPARTMENT OF PARKS AND RECREATION, PRINCE GEORGE'S COUNTY GIVES AWAY TREES TO THE COMMUNITY!**

As part of its conservation commitment, College Park Airport and College Park Aviation Museum are planting more than 1,500 trees in the City of College Park and surrounding areas, and giving away 500 to the local community.

**WE HOPE TO SEE YOU THERE!**

**COLLEGE PARK AIRPORT**  
1909 Corporal Frank Scott Drive  
College Park 20740

  @pgparks  
 @pgparks  
 @pgparksandrec

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# Planting a Partnership

- Trekking the Tarmac – New tour of the Airport that includes the many “firsts” such as first military aviation training facility and the first airmail flight.
- Latinas in Aviation: October 2021
- Exploring: Ideas for Underused Space, Air Show



# Questions

Email

[PublicAffairs@pgparks.com](mailto:PublicAffairs@pgparks.com)

Presentation

[www.mncppc.org/3030/College-Park-Airport](http://www.mncppc.org/3030/College-Park-Airport)

