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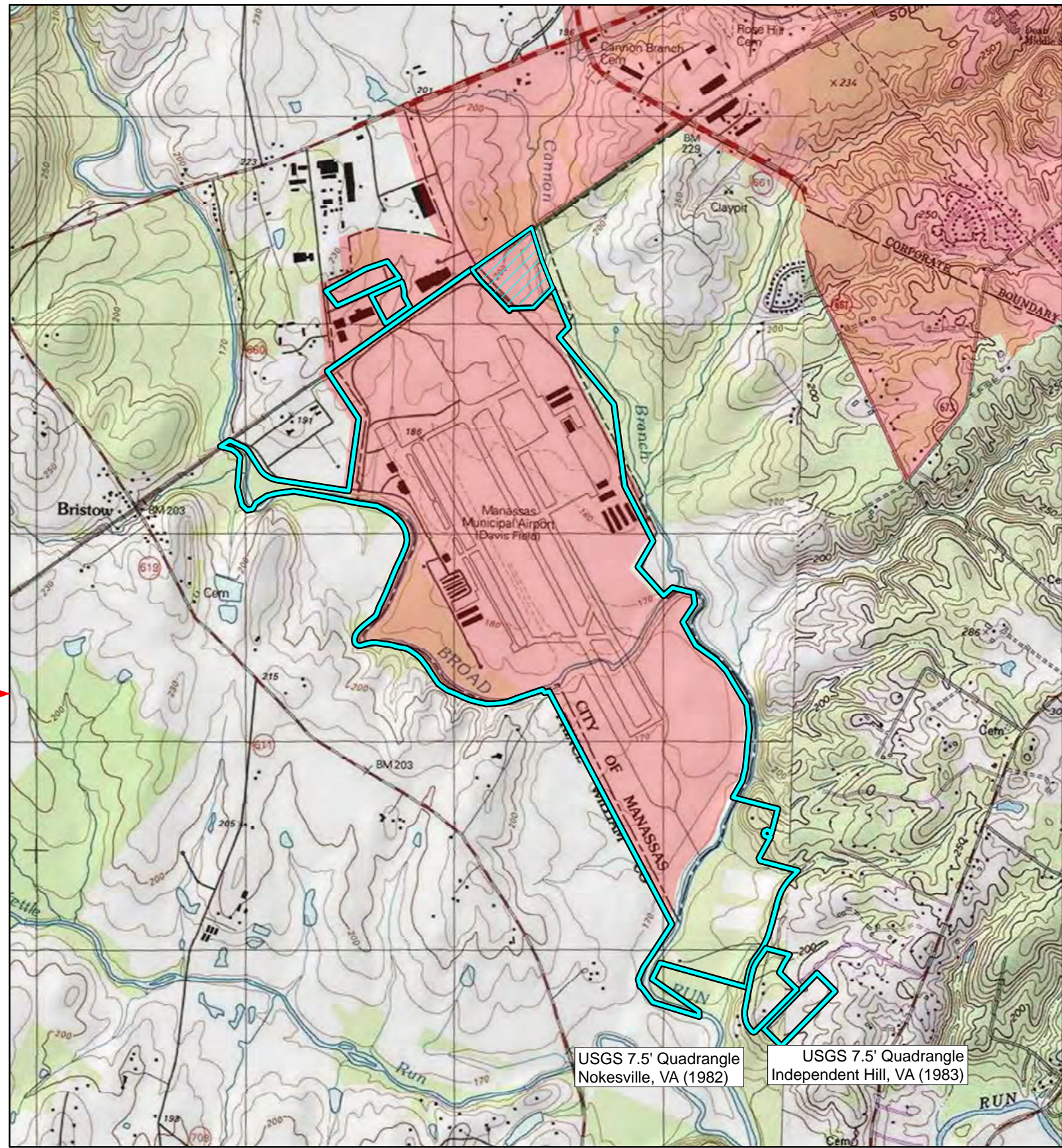
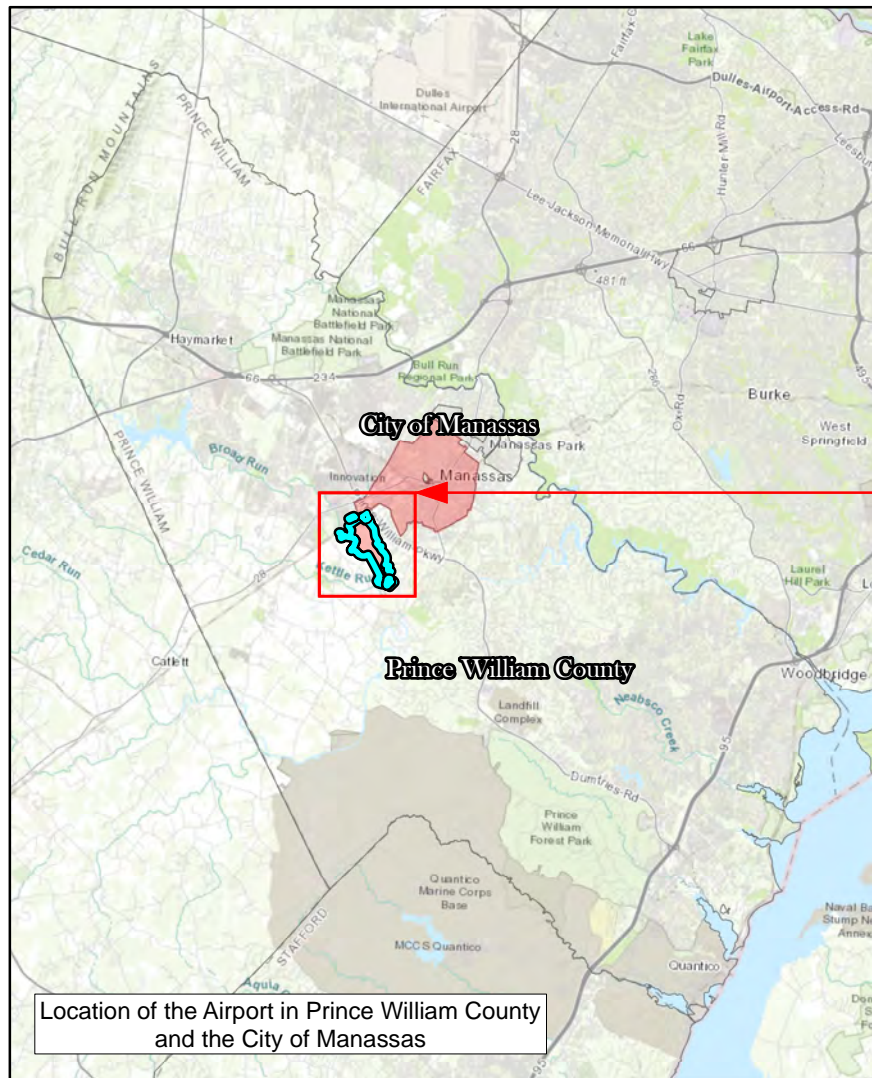
Figure A26: No Action Alternative (2036) 65-75 Noise DNL Contours

Figure A27: No Action Alternative (2041) 65-75 Noise DNL Contours




Figure A28: Receptor Locations

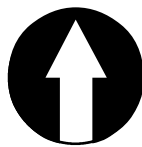
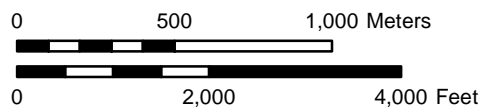
Figure A29: Preferred Alternative –Alternative #2 (2036) 65-75 Noise DNL Contours

Figure A30: Preferred Alternative –Alternative #2 (2041) 65-75 Noise DNL Contours



LEGEND

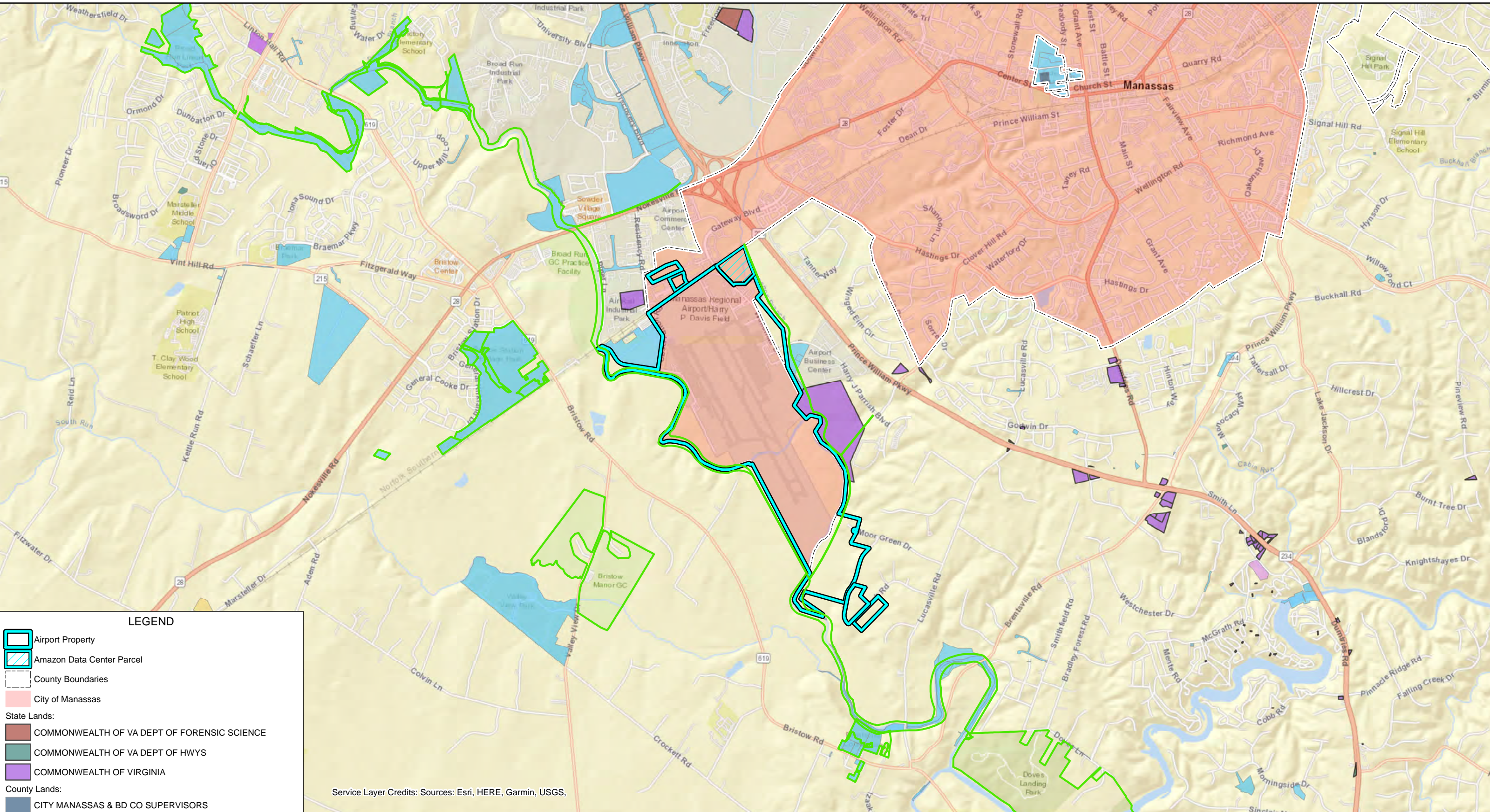
-  Airport Property
-  Amazon Data Center Parcel
-  City of Manassas



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Location of the Airport

Figure
A1



LEGEND

- Airport Property
- Amazon Data Center Parcel
- County Boundaries
- City of Manassas
- State Lands:
 - COMMONWEALTH OF VA DEPT OF FORENSIC SCIENCE
 - COMMONWEALTH OF VA DEPT OF HWYS
 - COMMONWEALTH OF VIRGINIA
- County Lands:
 - CITY MANASSAS & BD CO SUPERVISORS
 - LAKE JACKSON VOLUNTEER FIRE DEPT
 - NOKESVILLE VOLUNTEER FIRE DEPT
 - PWC BOARD OF COUNTY SUPERVISORS
 - PWC BOARD OF COUNTY SUPERVISORS
 - PWC BOCS & NOKESVILLE VOLUNTEER FIRE & RESCUE DEPT
 - PWC SERVICE AUTHORITY
 - Park Boundaries

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS.

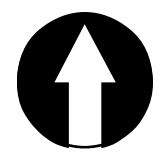
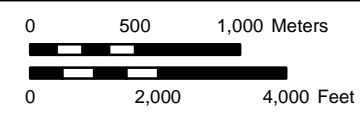


Figure
A2

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

State, County, and Local Jurisdictions

New Lease Parcel F

9980

Wakeman Dr

Wakeman Dr

10400

Harry P. ... Blvd

New Lease Parcel E

New Lease Parcel A

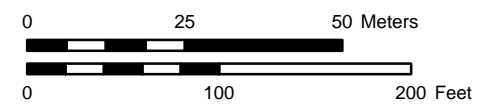
Residual Parcel

New Lease Parcel B

New Lease Parcel C

New Lease Parcel D

Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")



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LEGEND

- Airport Property
- New Lease Parcel Boundary

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Franchise Agreement Lease Parcels
A, B, C, D, E.**

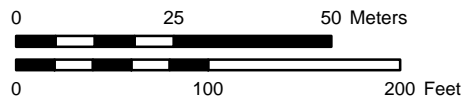
Figure A3



Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")

LEGEND

- Airport Property
- New Lease Parcel Boundary

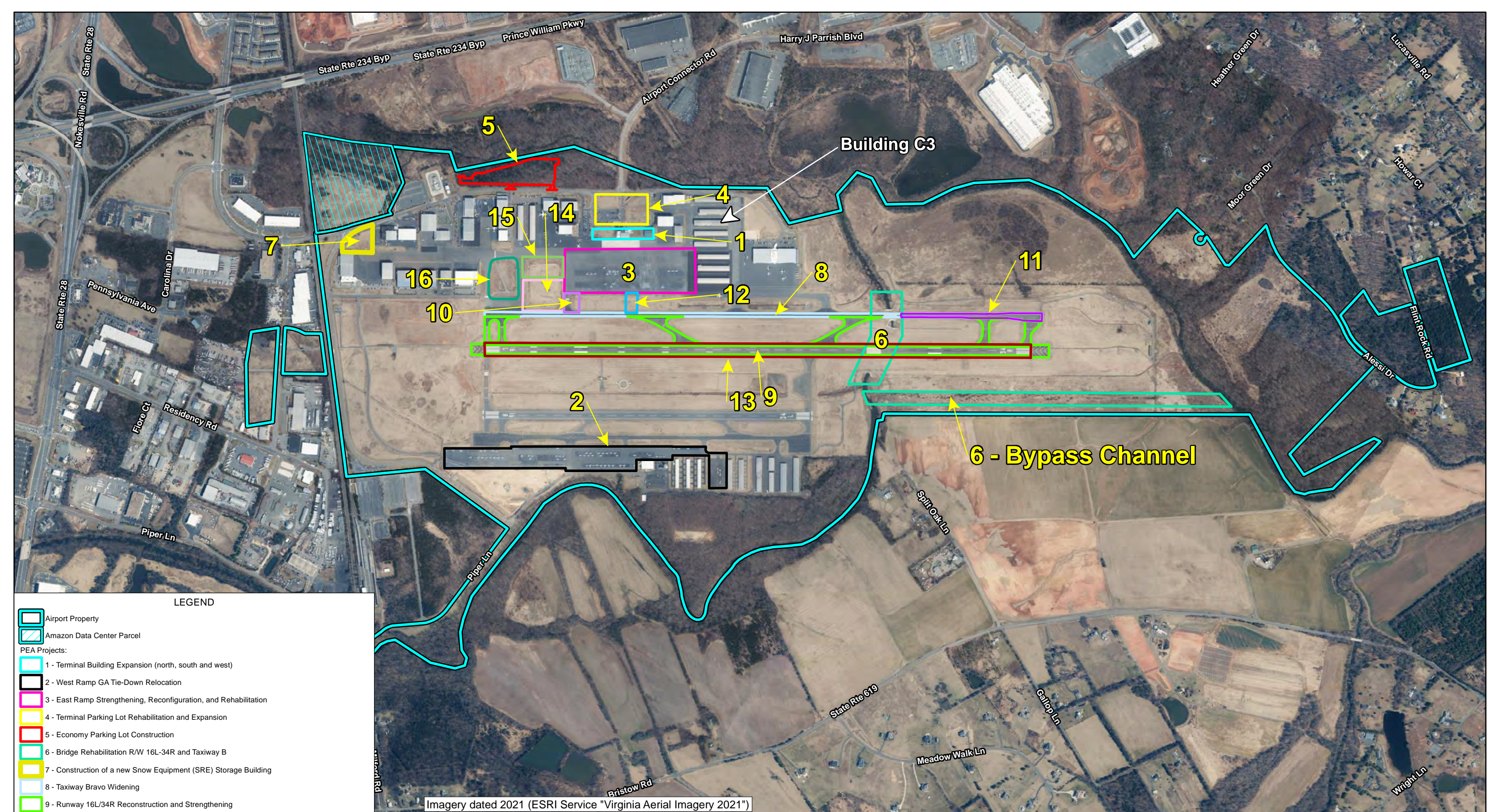


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Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment

Franchise Agreement Lease Parcel F

Figure
A4



LEGEND

- Airport Property
- Amazon Data Center Parcel
- PEA Projects:
- 1 - Terminal Building Expansion (north, south and west)
- 2 - West Ramp GA Tie-Down Relocation
- 3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation
- 4 - Terminal Parking Lot Rehabilitation and Expansion
- 5 - Economy Parking Lot Construction
- 6 - Bridge Rehabilitation R/W 16L-34R and Taxiway B
- 7 - Construction of a new Snow Equipment (SRE) Storage Building
- 8 - Taxiway Bravo Widening
- 9 - Runway 16L/34R Reconstruction and Strengthening
- 10 - Taxiway Echo Fillet Widening
- 11 - Taxiway B Reconstruction and Strengthening (South of the Bridge)
- 12 - Construction of a new East Ramp Taxiway
- 13 - Runway 16L/34R Widening
- 14 - Aircraft Deicing Pad and Apron Expansion between Taxiways D and E
- 15 - Construction of new Expanded East Ramp and Taxilane between Taxiways Delta and Echo
- 16 - Construction of a new ARFF Facility
- Project #6 - Bypass Channel

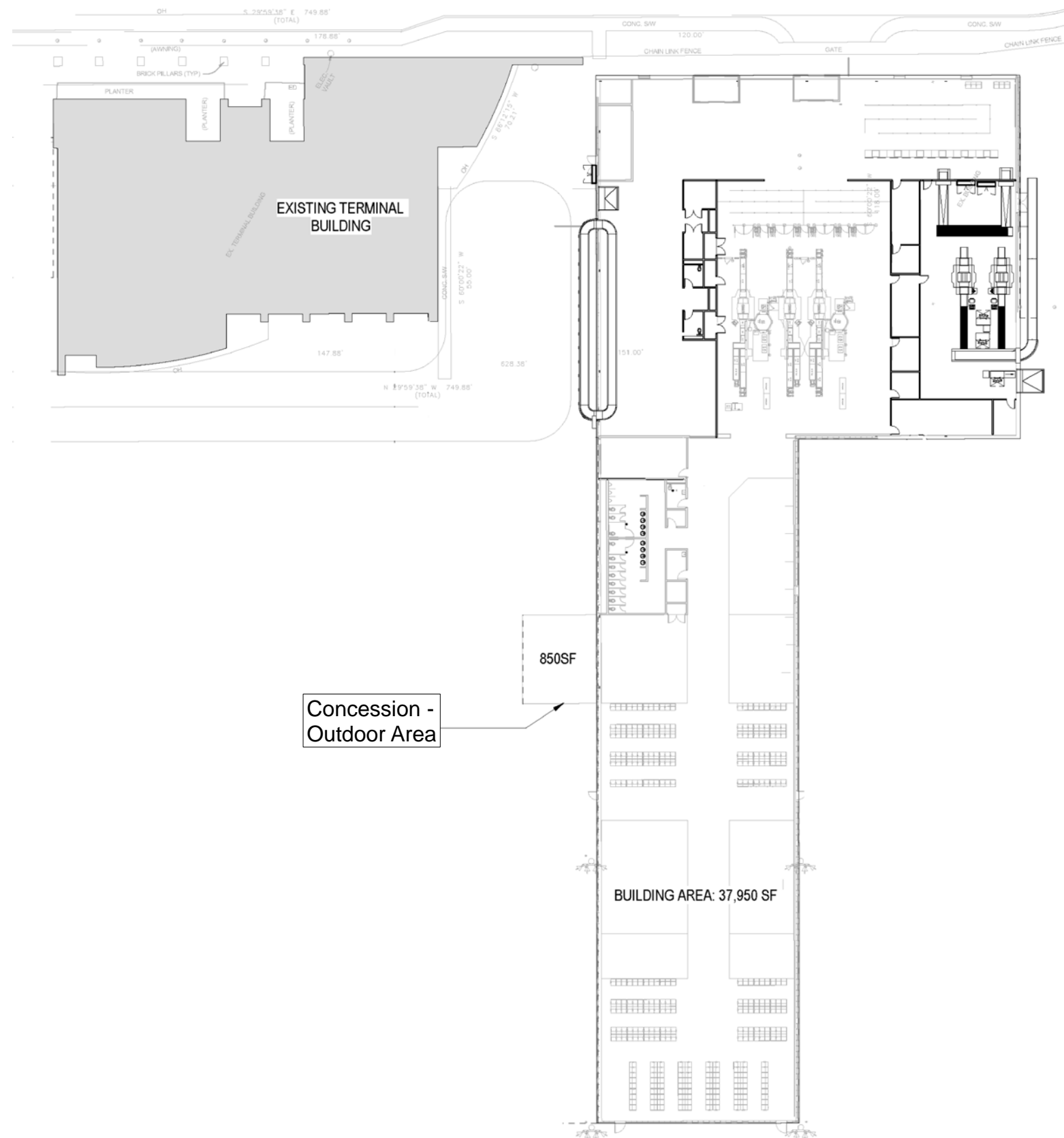
Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

PEA Projects

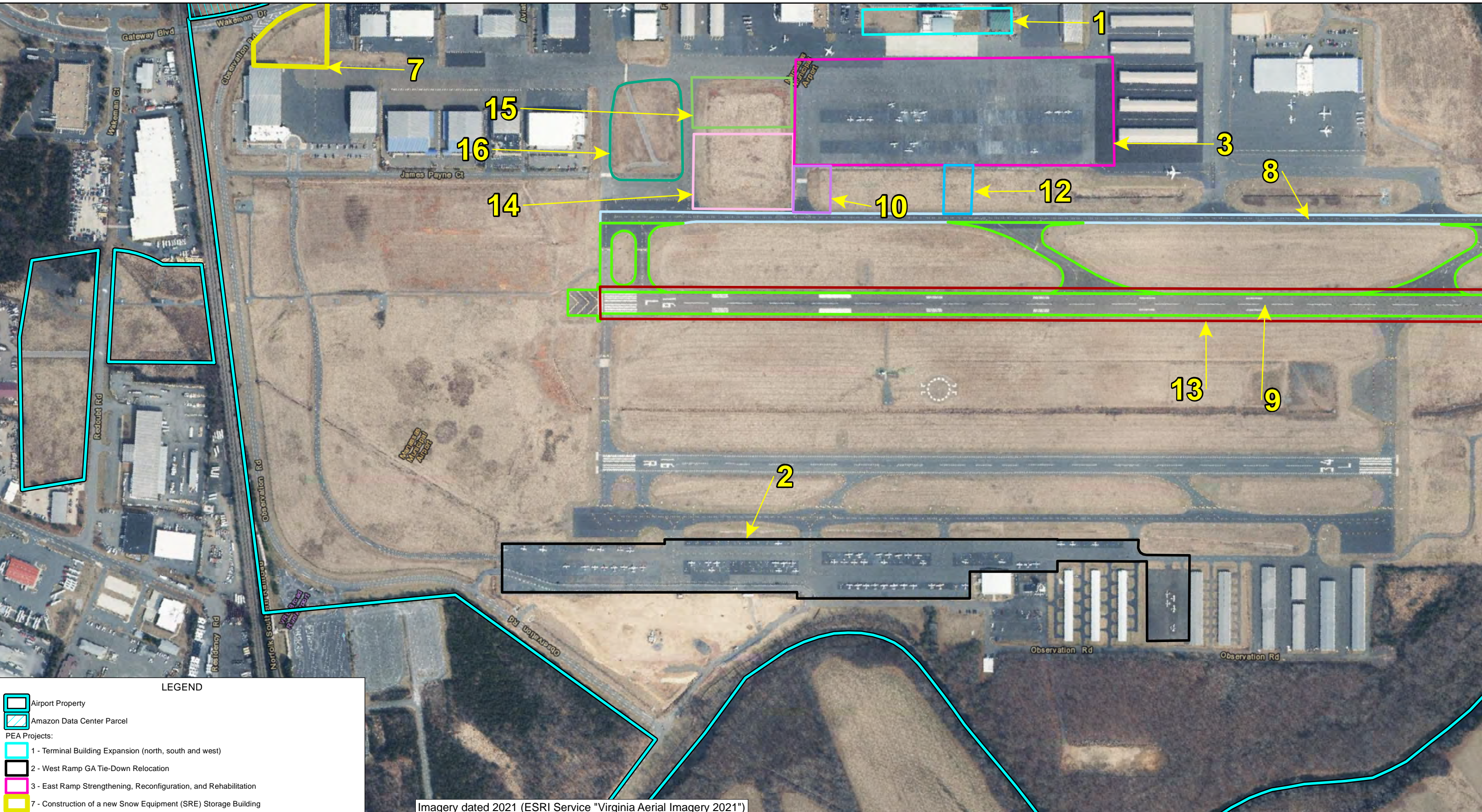
Figure
A5



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Phase 1 L-shaped Terminal Service Areas

Figure
A7



LEGEND

- Airport Property
- Amazon Data Center Parcel
- PEA Projects:
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- 7 - Construction of a new Snow Equipment (SRE) Storage Building
- 8 - Taxiway Bravo Widening
- 9 - Runway 16L/34R Reconstruction and Strengthening
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- 14 - Aircraft Deicing Pad and Apron Expansion between Taxiways D and E
- 15 - Construction of new Expanded East Ramp and Taxilane between Taxiways Delta and Echo
- 16 - Construction of a new ARFF Facility

Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")

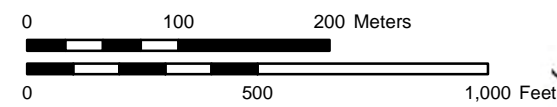
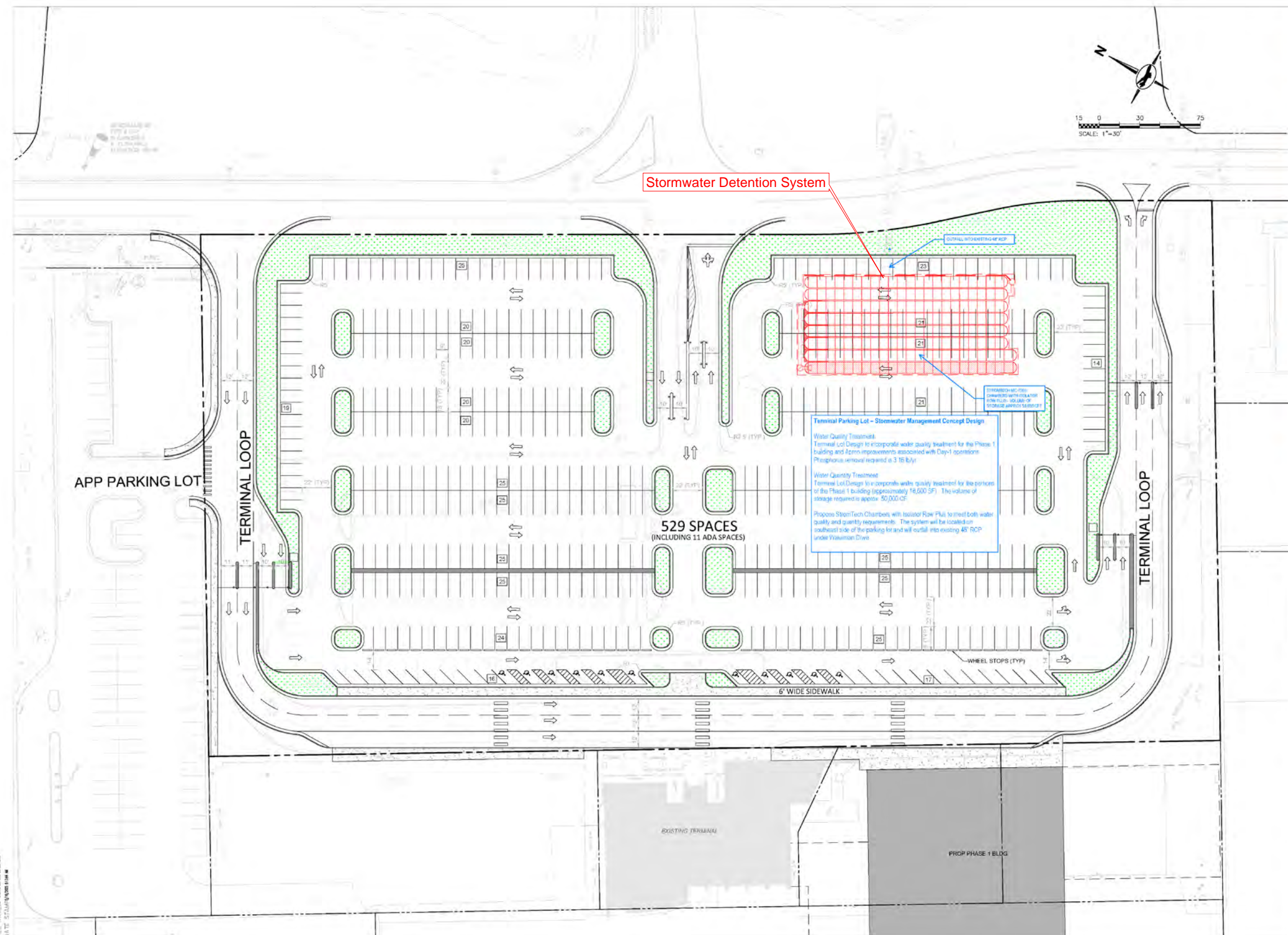


Figure
A8

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Extent of West Ramp to be Used for
GA Aircraft Tie-Down Locations**

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CLIENT

AVPORTS
AVPORT MANASSAS LLC
4525 AVIATION DRIVE,
SUITE 100
DULLES, VA 20166-7524

ARCHITECT

PGAL
3131 BRIARPARK DRIVE
SUITE 200
HOUSTON, TX 77042
(713) 622-1444
www.pgal.com
PGAL TBPE REG. NO. F-2742
DESIGN - BUILDER

WT
WHITING-TURNER
THE WHITING-TURNER
CONTRACTING COMPANY
6305 IVY LANE, SUITE 800
GREENBELT, MD 20770
(301) 656-7800

CONSULTANT

ADCI
AIRPORT DESIGN
CONSULTANTS INC.
8260 GREENSBORO DR
SUITE 120
MCLEAN, VA 22102
(703) 410-4659
www.adci-corp.com

REGISTRATION

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DRAWING HISTORY

PROJECT NAME
TERMINAL LOT
CONFIGURATIONS

PROJECT LOCATION
WAKEMAN DRIVE
MANASSAS, VA
20110

PROJECT NUMBER

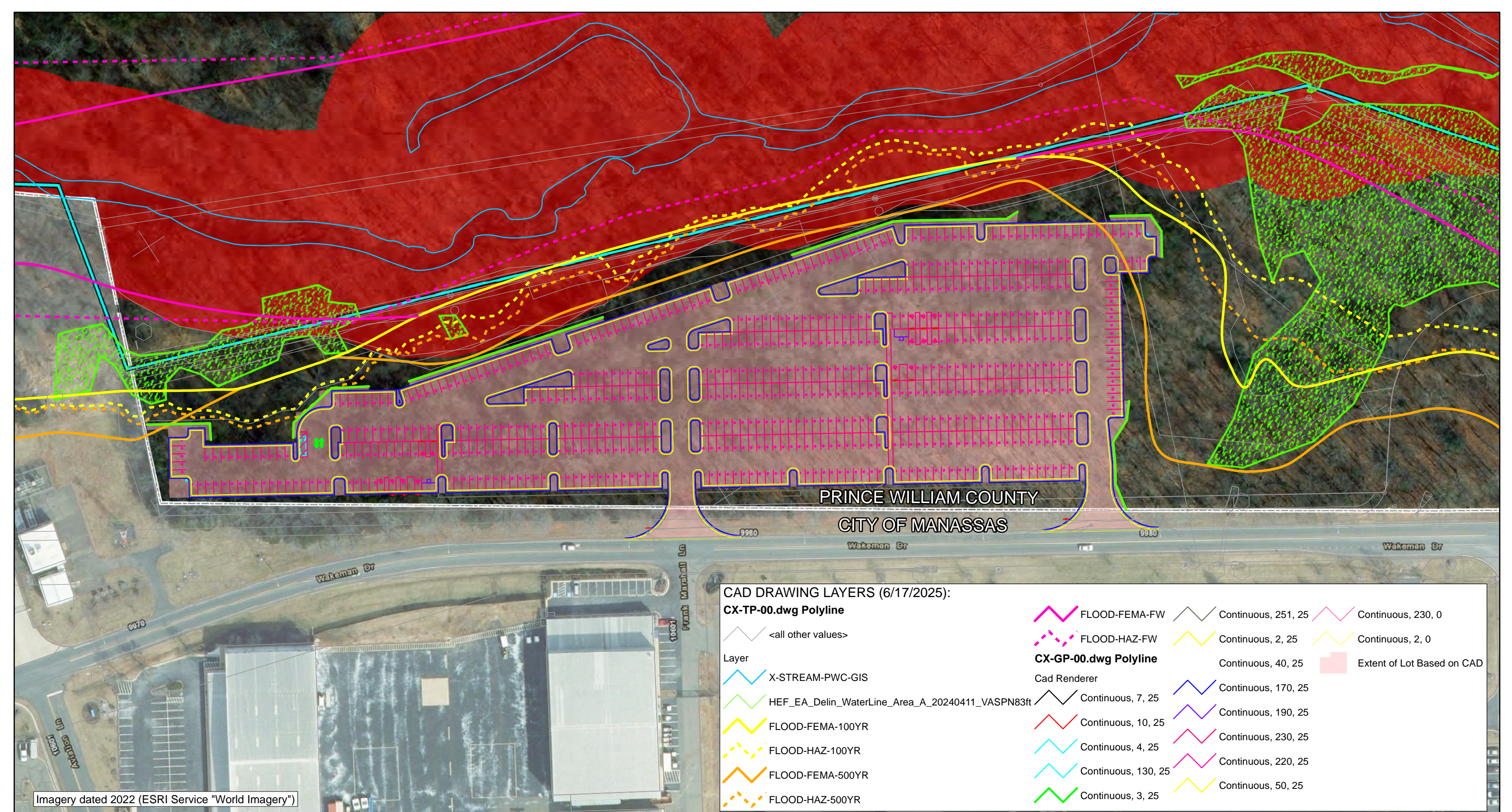
SHEET TITLE
TERMINAL
PARKING LOT
LAYOUT - Angled
Parking Close to
Terminal
MAY 13, 2025
SHEET NUMBER



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Proposed Terminal Parking Lot Detail

Figure
A9



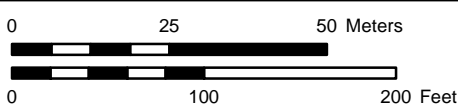
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CX-TP-00.dwg Polyline

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HEF_EA_Delin_WaterLine_Area_A_20240411_VASPN83ft	Cad Renderer	Continuous, 7, 25	Continuous, 170, 25
FLOOD-FEMA-100YR	Continuous, 10, 25	Continuous, 190, 25	Continuous, 230, 25
FLOOD-HAZ-100YR	Continuous, 4, 25	Continuous, 230, 25	Continuous, 220, 25
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FLOOD-HAZ-500YR	Continuous, 3, 25		

LEGEND

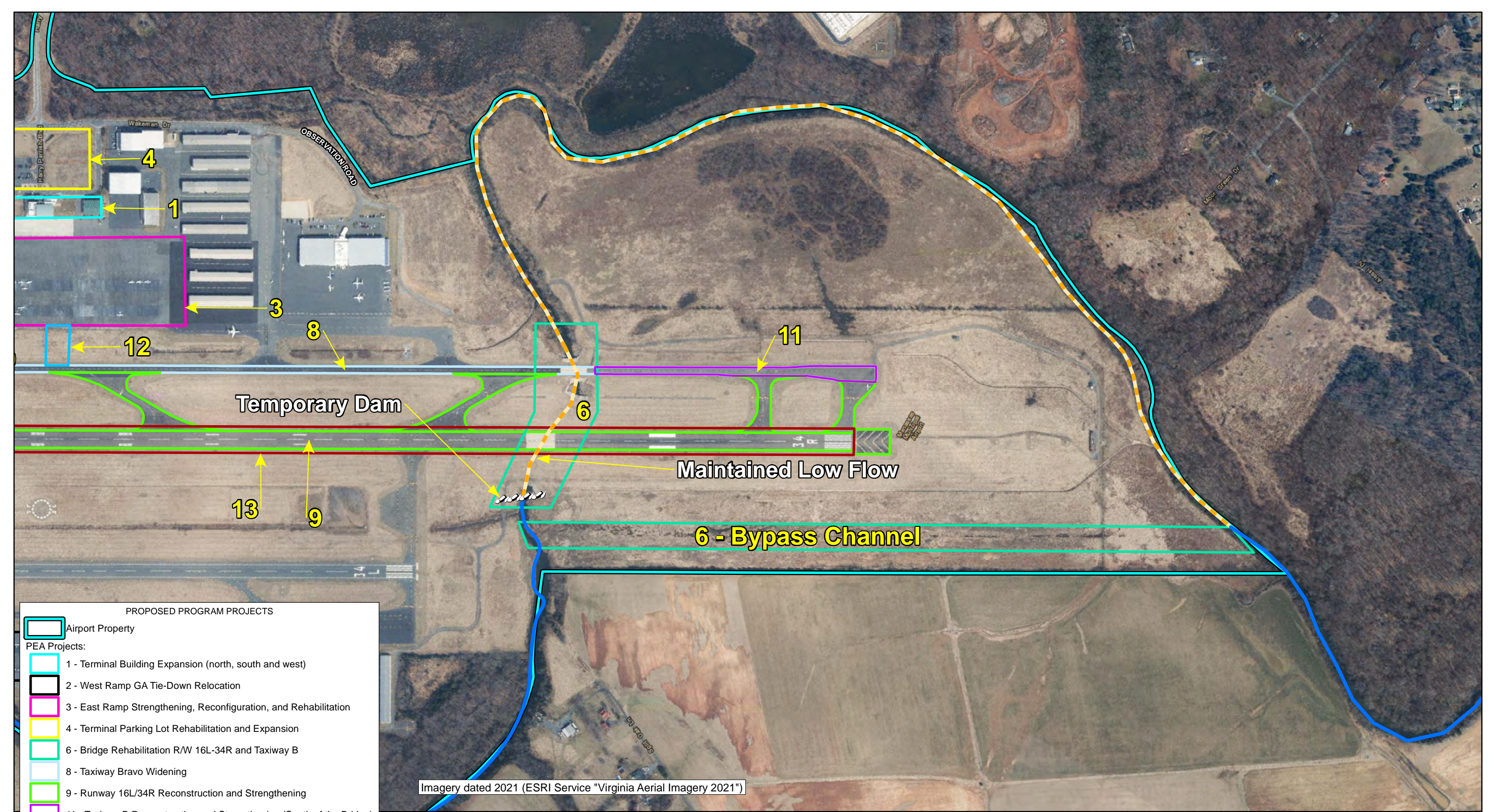
	Airport Property
	City of Manassas Boundary
	Extent of Lot Based on CAD
	Retaining Wall
	Delineated Wetland Area
	Resource Protection Area (RPA, PW Co.)



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

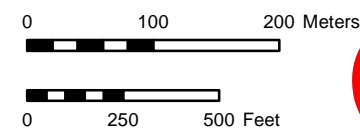
Economy Parking Lot Layout

Figure
A10



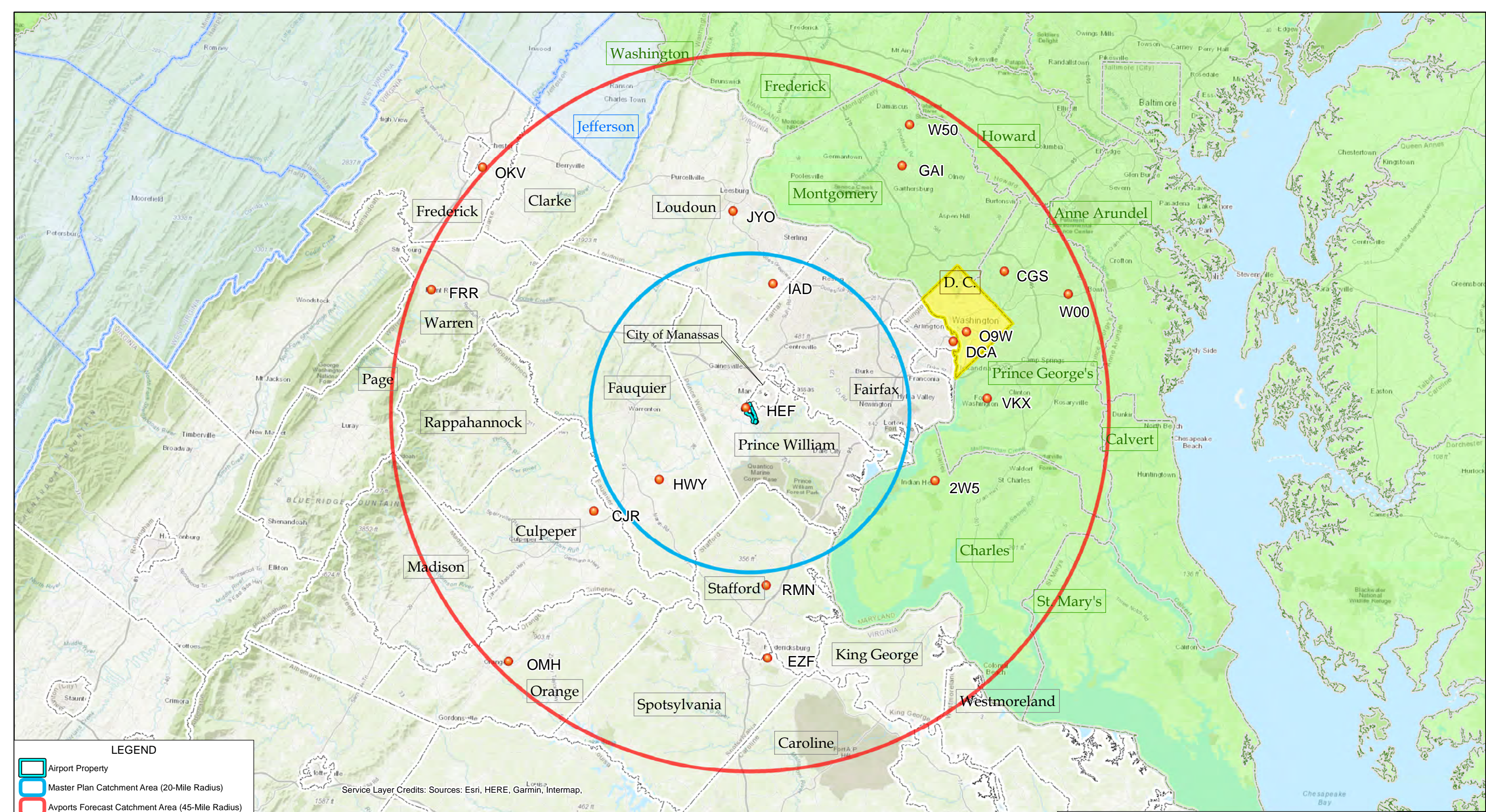
Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")

- PROPOSED PROGRAM PROJECTS**
- Airport Property
 - PEA Projects:**
 - 1 - Terminal Building Expansion (north, south and west)
 - 2 - West Ramp GA Tie-Down Relocation
 - 3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation
 - 4 - Terminal Parking Lot Rehabilitation and Expansion
 - 6 - Bridge Rehabilitation R/W 16L-34R and Taxiway B
 - 8 - Taxiway Bravo Widening
 - 9 - Runway 16L/34R Reconstruction and Strengthening
 - 11 - Taxiway B Reconstruction and Strengthening (South of the Bridge)
 - 12 - Construction of a new East Ramp Taxiway
 - 13 - Runway 16L/34R Widening
 - Broad Run Temporary Bypass:**
 - Broad Run
 - Maintained Low Flow
 - Temporary Dam



Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment
R/W 16L-34R and T/W B
Bridge Strengthening Action Areas

Figure
A11



Service Layer Credits: Sources: Esri, HERE, Garmin, Intermap,

LEGEND

- Airport Property
- Master Plan Catchment Area (20-Mile Radius)
- Airports Forecast Catchment Area (45-Mile Radius)
- Virginia Counties
- Washington D. C.
- Maryland Counties
- West Virginia Counties
- Public Use Airports within Catchment

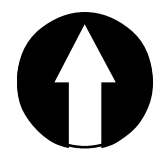
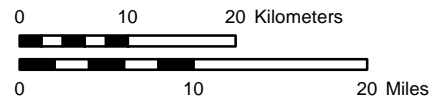
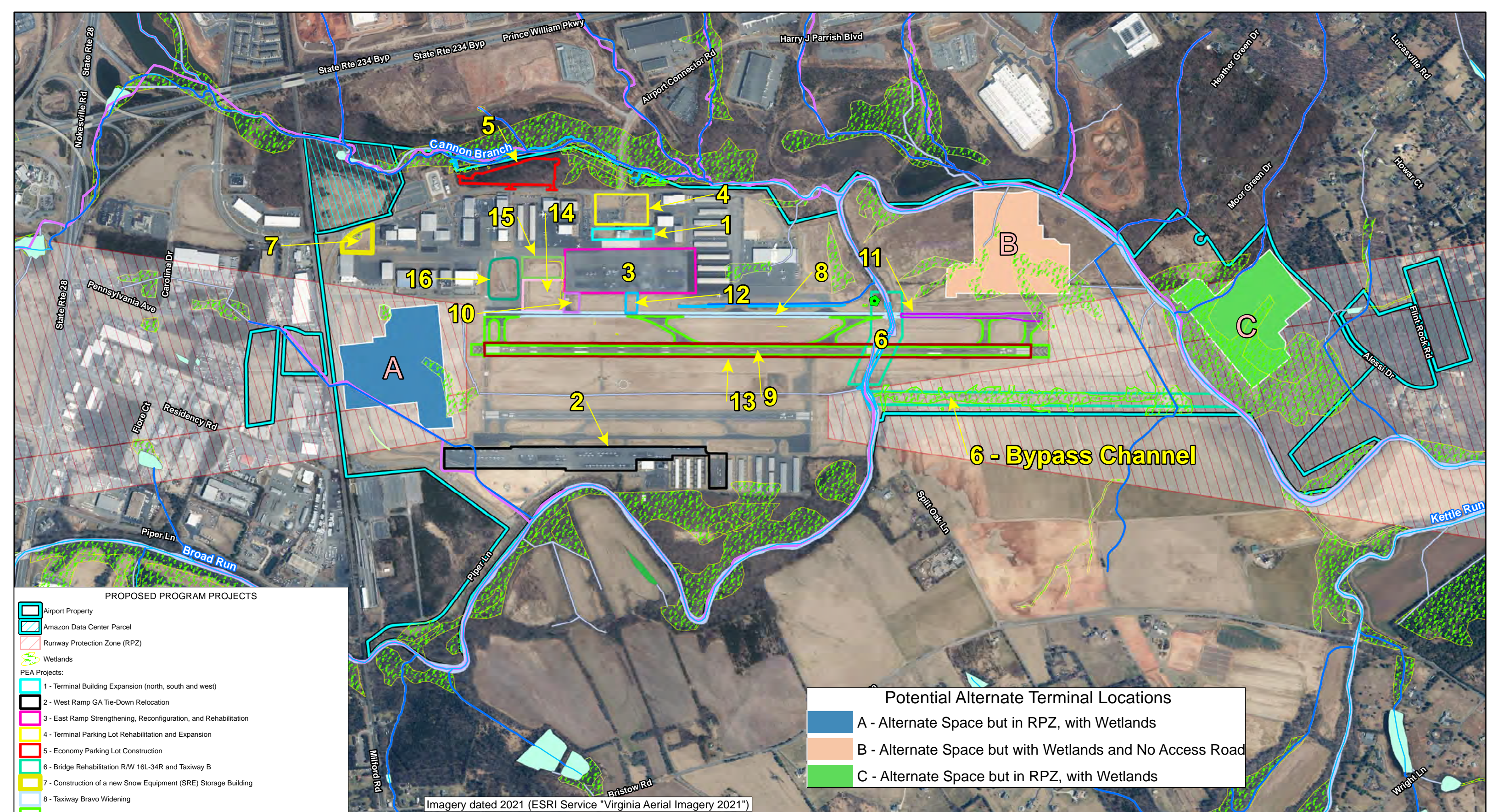


Figure A13

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Forecast Catchment Area Comparison

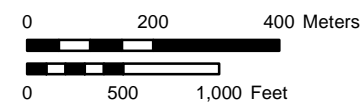


6 - Bypass Channel

Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")

- PROPOSED PROGRAM PROJECTS**
- Airport Property
 - Amazon Data Center Parcel
 - Runway Protection Zone (RPZ)
 - Wetlands
- PEA Projects:
- 1 - Terminal Building Expansion (north, south and west)
 - 2 - West Ramp GA Tie-Down Relocation
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 - 15 - Construction of new Expanded East Ramp and Taxilane between Taxiways Delta and Echo
 - 16 - Construction of a new ARFF Facility
 - Project #6 - Bypass Channel

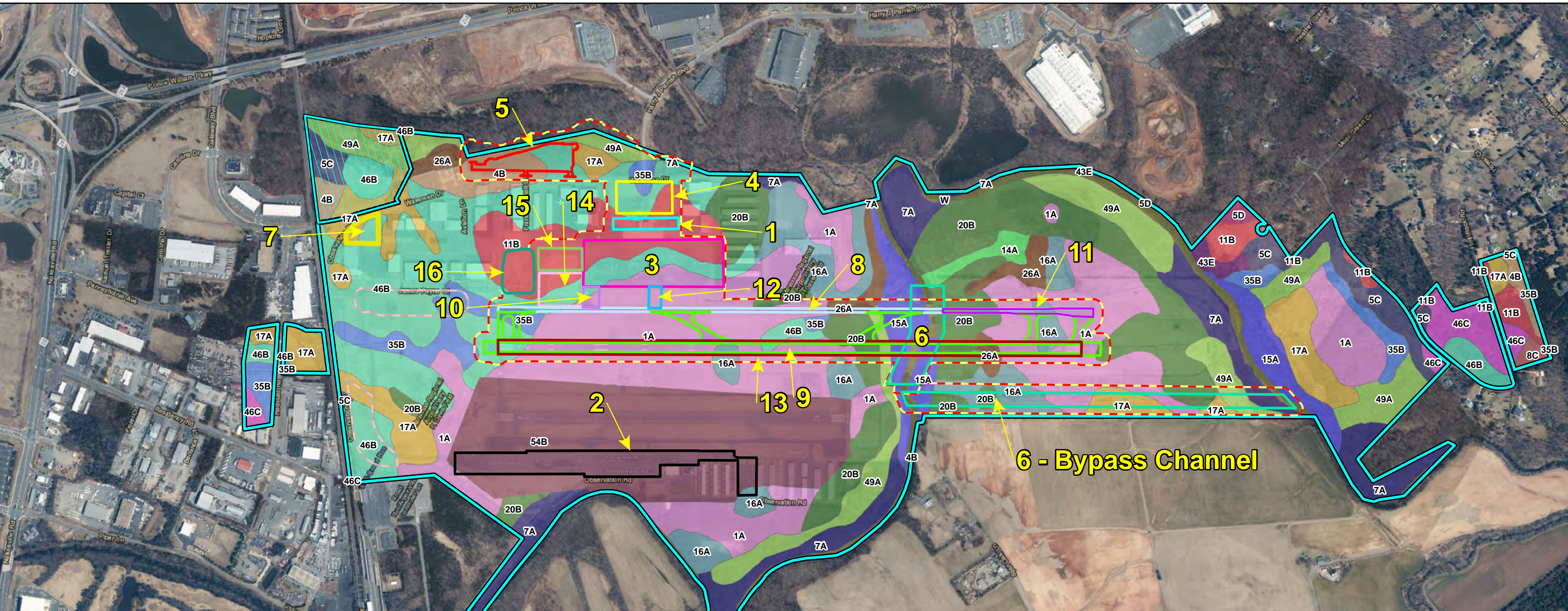
- Potential Alternate Terminal Locations**
- A - Alternate Space but in RPZ, with Wetlands
 - B - Alternate Space but with Wetlands and No Access Road
 - C - Alternate Space but in RPZ, with Wetlands



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Alternative #5: New Terminal Construction
Alternate Location**

Figure
A14



LEGEND

- Airport Property
- Amazon Data Center Parcel
- Area of Investigation, Current Projects
- Former Projects, No Longer Active

PEA Projects:

- 1 - Terminal Building Expansion (north, south and west)
- 2 - West Ramp GA Tie-Down Relocation
- 3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation
- 4 - Terminal Parking Lot Rehabilitation and Expansion
- 5 - Economy Parking Lot Construction
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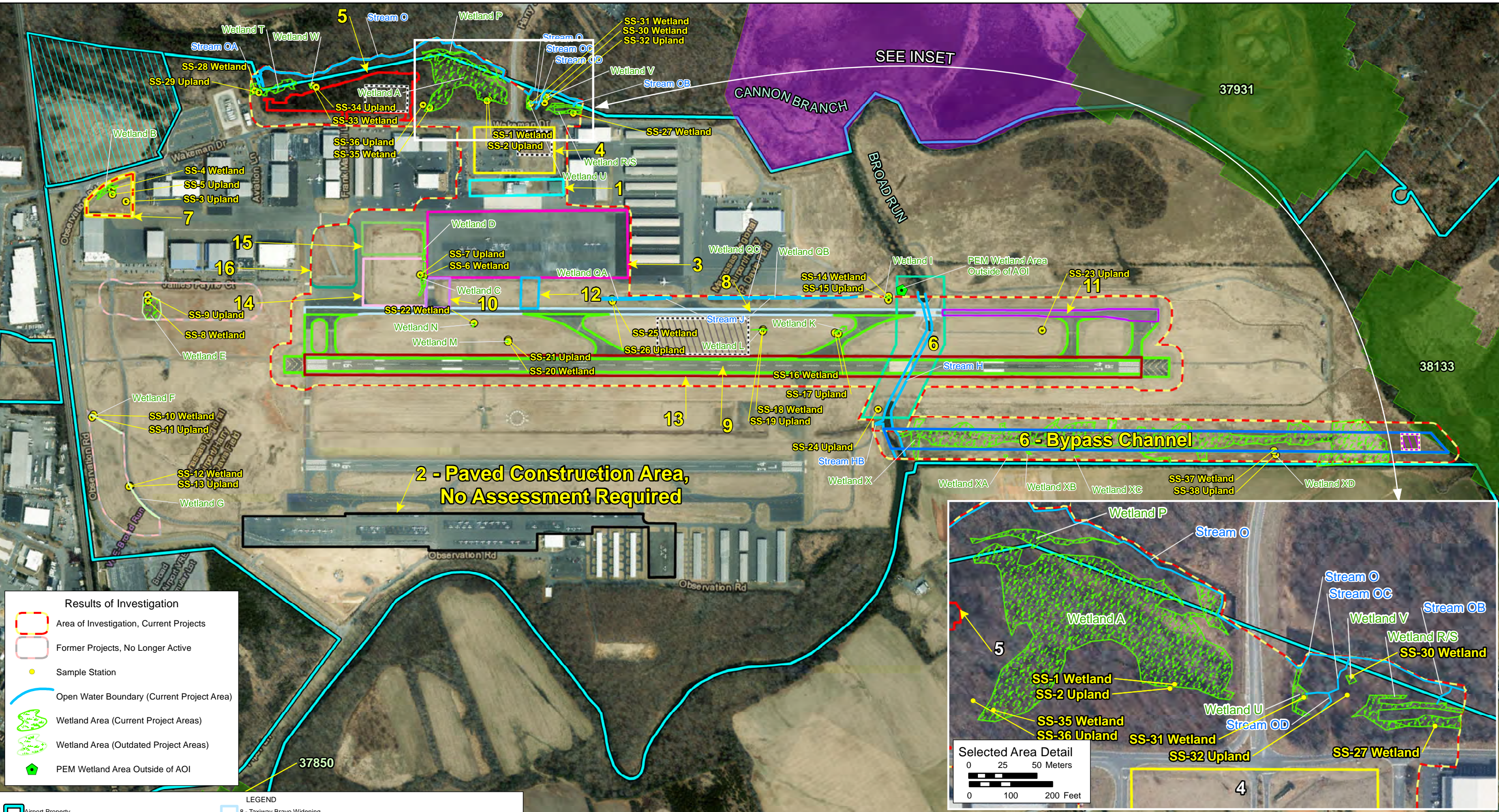
Aerial imagery dated 2021
(ESRI Service "Virginia Aerial Imagery 2021")

<ul style="list-style-type: none"> 11B - Calverton silt loam, 0 to 7 percent slopes 14A - Codorus loam, 0 to 2 percent slopes 15A - Comus loam, 0 to 2 percent slopes 	<ul style="list-style-type: none"> 16A - Delanco fine sandy loam, 0 to 4 percent slopes 17A - Dulles silt loam, 0 to 2 percent slopes 1A - Aden silt loam, 0 to 2 percent slopes 	<ul style="list-style-type: none"> 20B - Elsinboro sandy loam, 2 to 7 percent slopes 26A - Hatboro silt loam, 0 to 2 percent slopes 35B - Manassas silt loam, 2 to 7 percent slopes 	<p>Soil Series</p> <ul style="list-style-type: none"> 43E - Nestoria gravelly silt loam, 25 to 50 percent slopes 46B - Panorama silt loam, 2 to 7 percent slopes 46C - Panorama silt loam, 7 to 15 percent slopes 	<ul style="list-style-type: none"> 49A - Rowland silt loam, 0 to 2 percent slopes 4B - Arcola silt loam, 2 to 7 percent slopes 54B - Urban land-Udorthents complex, 0 to 7 percent slopes 	<ul style="list-style-type: none"> 5C - Arcola-Nestoria complex, 7 to 15 percent slopes 5D - Arcola-Nestoria complex, 15 to 25 percent slopes 7A - Bermudian silt loam, 0 to 2 percent slopes 	<ul style="list-style-type: none"> 8C - Braddock loam, 7 to 15 percent slopes W - Water
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Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment
Airport Soils,
Natural Resource Conservation Service (NRCS)
Soil Survey Geographic Database (SSURGO)

Figure A15



Results of Investigation

- Area of Investigation, Current Projects
- Former Projects, No Longer Active
- Sample Station
- Open Water Boundary (Current Project Area)
- Wetland Area (Current Project Areas)
- Wetland Area (Outdated Project Areas)
- PEM Wetland Area Outside of AOI

LEGEND

<ul style="list-style-type: none"> Airport Property Amazon Data Center Parcel Ecological Core C5: General VDOT Wetlands Mitigation Bank <p>PEA Projects:</p> <ul style="list-style-type: none"> 1 - Terminal Building Expansion (north, south and west) 2 - West Ramp GA Tie-Down Relocation 3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation 4 - Terminal Parking Lot Rehabilitation and Expansion 5 - Economy Parking Lot Construction 6 - Bridge Rehabilitation R/W 16L-34R and Taxiway B 7 - Construction of a new Snow Equipment (SRE) Storage Building 	<ul style="list-style-type: none"> 8 - Taxiway Bravo Widening 9 - Runway 16L/34R Reconstruction and Strengthening 10 - Taxiway Echo Fillet Widening 11 - Taxiway B Reconstruction and Strengthening (South of the Bridge) 12 - Construction of a new East Ramp Taxiway 13 - Runway 16L/34R Widening 14 - Aircraft Deicing Pad and Apron Expansion between Taxiways D and E 15 - Construction of new Expanded East Ramp and Taxiway between Taxiways Delta and Echo 16 - Construction of a new ARFF Facility Project #6 - Bypass Channel Approximate Location of Proposed Underground Detention Area for New Hardscaped Surfaces Approximate Location of Soil Removal for Floodplain Balancing
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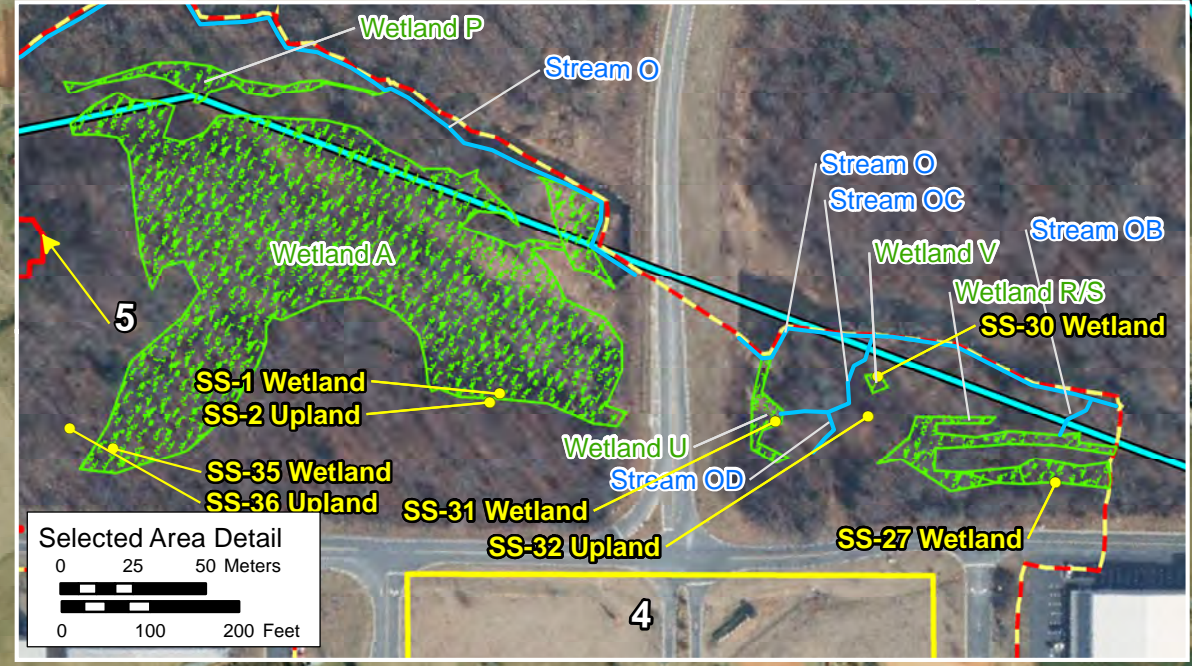
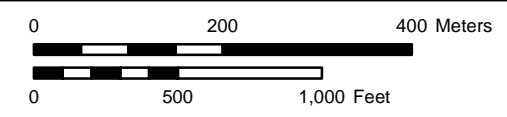
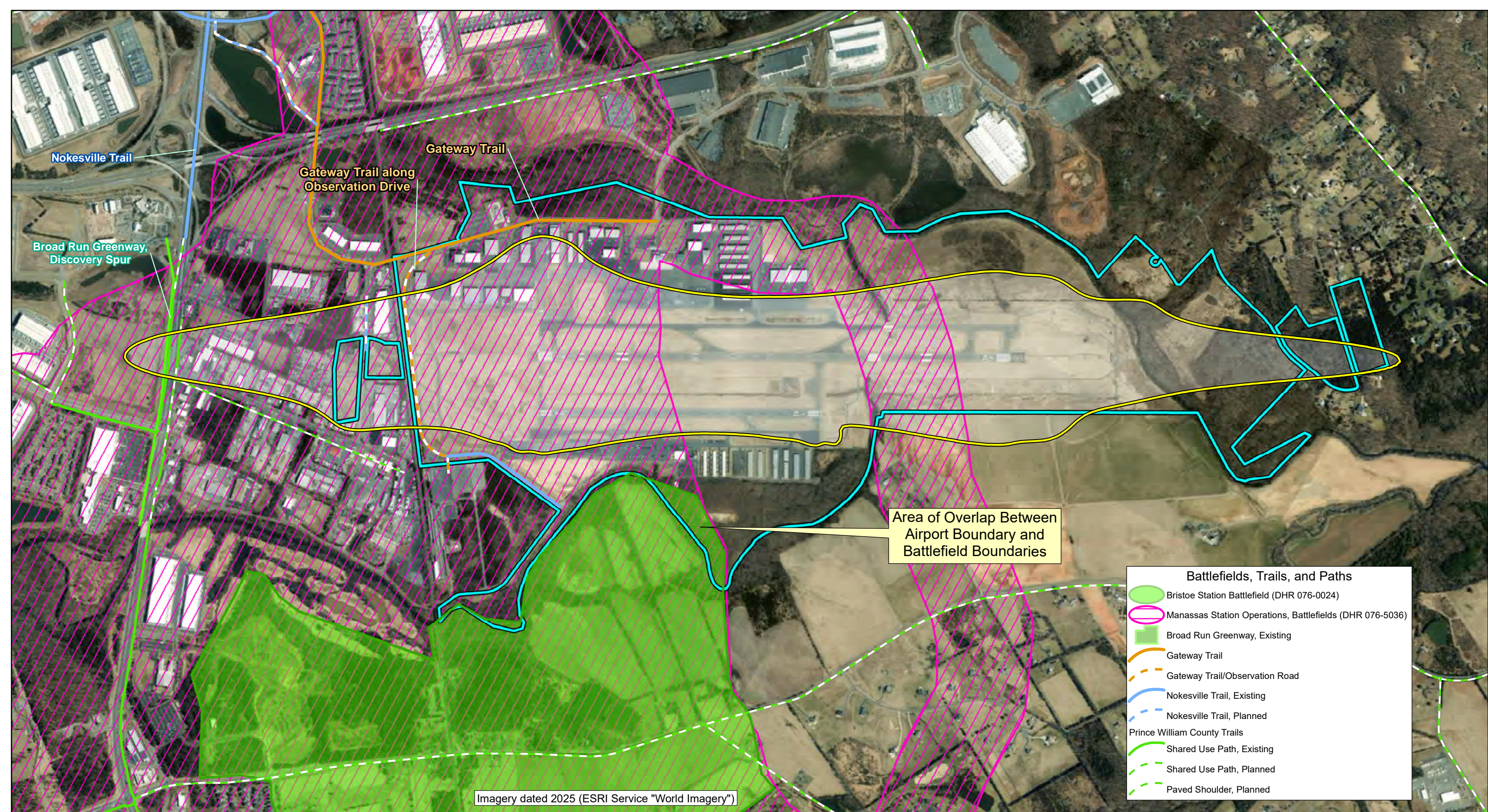


Figure
A16

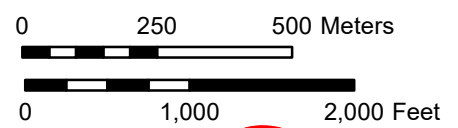
**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Delineated Features



Imagery dated 2025 (ESRI Service "World Imagery")

- Battlefields, Trails, and Paths**
- Bristoe Station Battlefield (DHR 076-0024)
 - Manassas Station Operations, Battlefields (DHR 076-5036)
 - Broad Run Greenway, Existing
 - Gateway Trail
 - - - Gateway Trail/Observation Road
 - Nokesville Trail, Existing
 - - - Nokesville Trail, Planned
 - Prince William County Trails**
 - Shared Use Path, Existing
 - - - Shared Use Path, Planned
 - - - Paved Shoulder, Planned



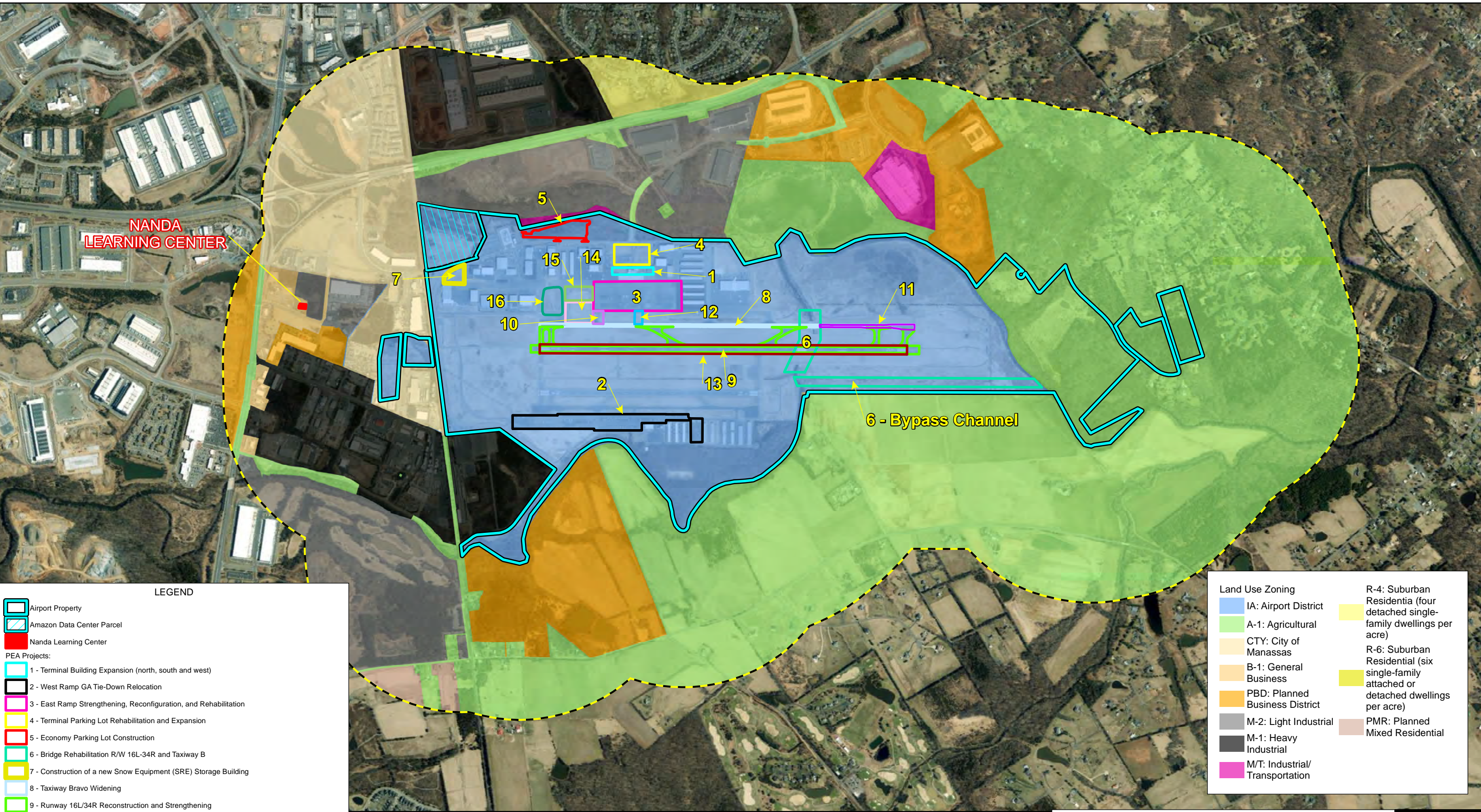
- Legend**
- Airport Boundary – Visual Effects Study Area
 - 65 DNL Preferred Alternative 2041 – Auditory Effects Study Area

Figure A18

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Section 4(f) Recreation Areas and
HAAC Battlefields in the Study Area**

Project 23-98001.002, Version: 4/17/2026 @ 3:21:19 PM

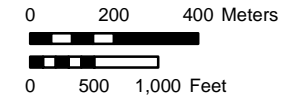


**NANDA
LEARNING CENTER**

6 - Bypass Channel

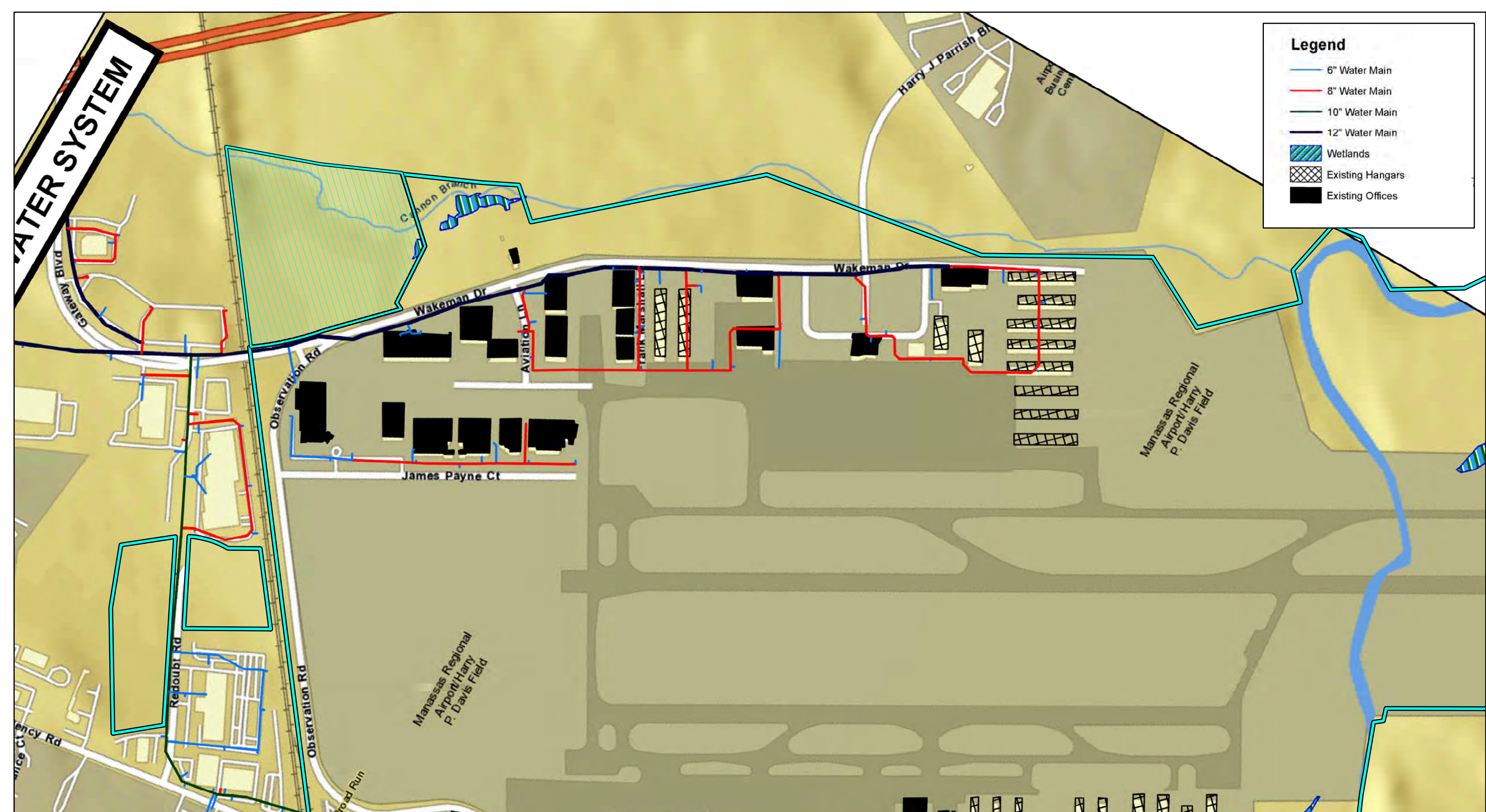
- LEGEND**
- Airport Property
 - Amazon Data Center Parcel
 - Nanda Learning Center
 - PEA Projects:
 - 1 - Terminal Building Expansion (north, south and west)
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 - 15 - Construction of new Expanded East Ramp and Taxilane between Taxiways Delta and Echo
 - 16 - Construction of a new ARFF Facility
 - Half-Mile Buffer of Airport

- Land Use Zoning**
- | | |
|--------------------------------|---|
| IA: Airport District | R-4: Suburban Residential (four detached single-family dwellings per acre) |
| A-1: Agricultural | R-6: Suburban Residential (six single-family attached or detached dwellings per acre) |
| CTY: City of Manassas | PMR: Planned Mixed Residential |
| B-1: General Business | |
| PBD: Planned Business District | |
| M-2: Light Industrial | |
| M-1: Heavy Industrial | |
| M/T: Industrial/Transportation | |



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment
Land Use in the Vicinity
(Prince William County and
City of Manassas Combined)**

**Figure
A19**



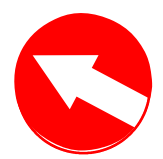
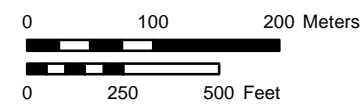
Legend

- 6" Water Main
- 8" Water Main
- 10" Water Main
- 12" Water Main
- Wetlands
- Existing Hangars
- Existing Offices

LEGEND

- Airport Property
- Amazon Data Center Parcel

Figure 2.2 from
Kimley Horn
2021 Manassas Regional Airport
Water and Sanitary Sewer

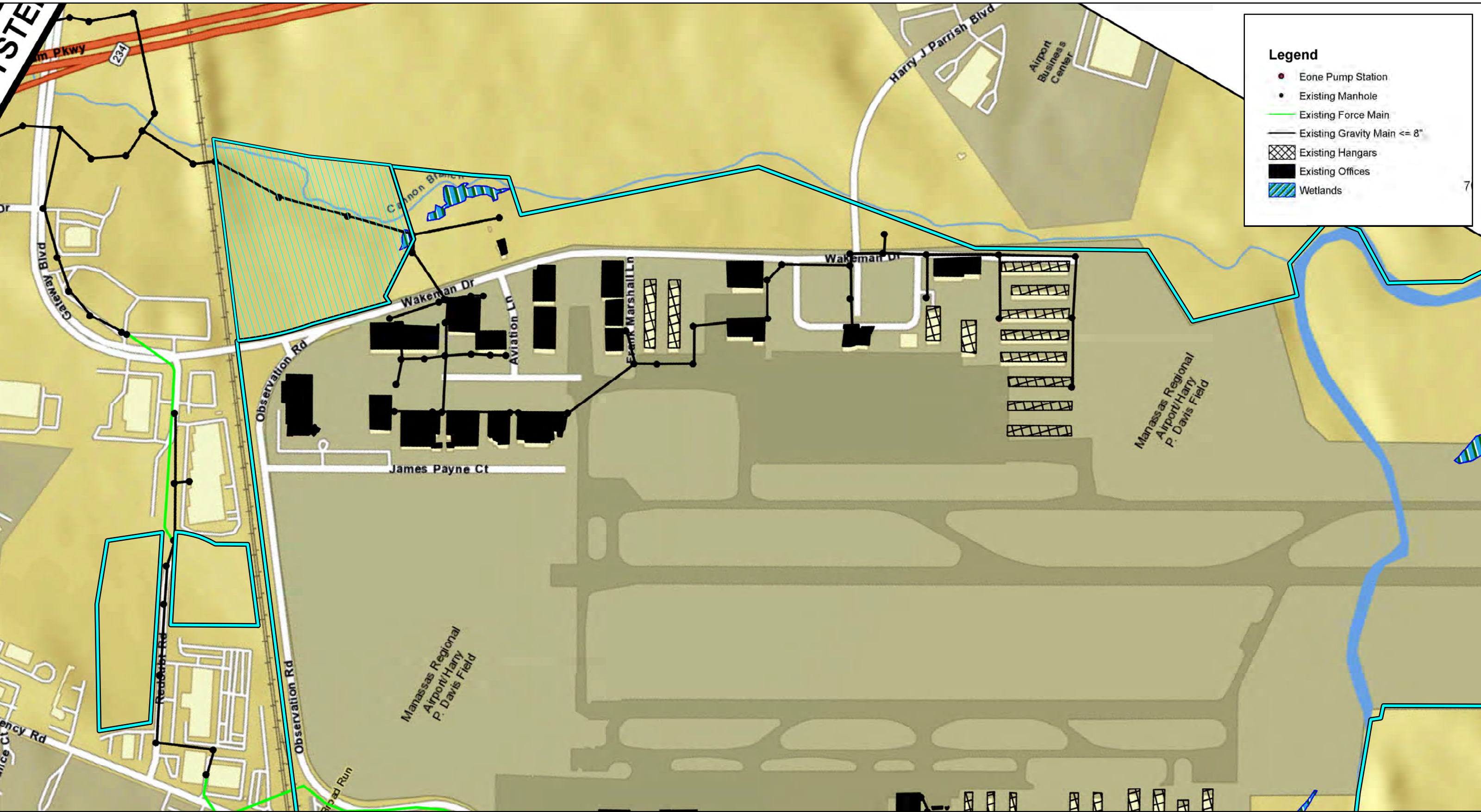


**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

East Side Water Lines

Legend

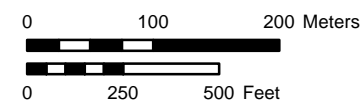
- Eone Pump Station
- Existing Manhole
- Existing Force Main
- Existing Gravity Main <= 8"
- ▨ Existing Hangars
- Existing Offices
- ▨ Wetlands



LEGEND

- ▭ Airport Property
- ▨ Amazon Data Center Parcel

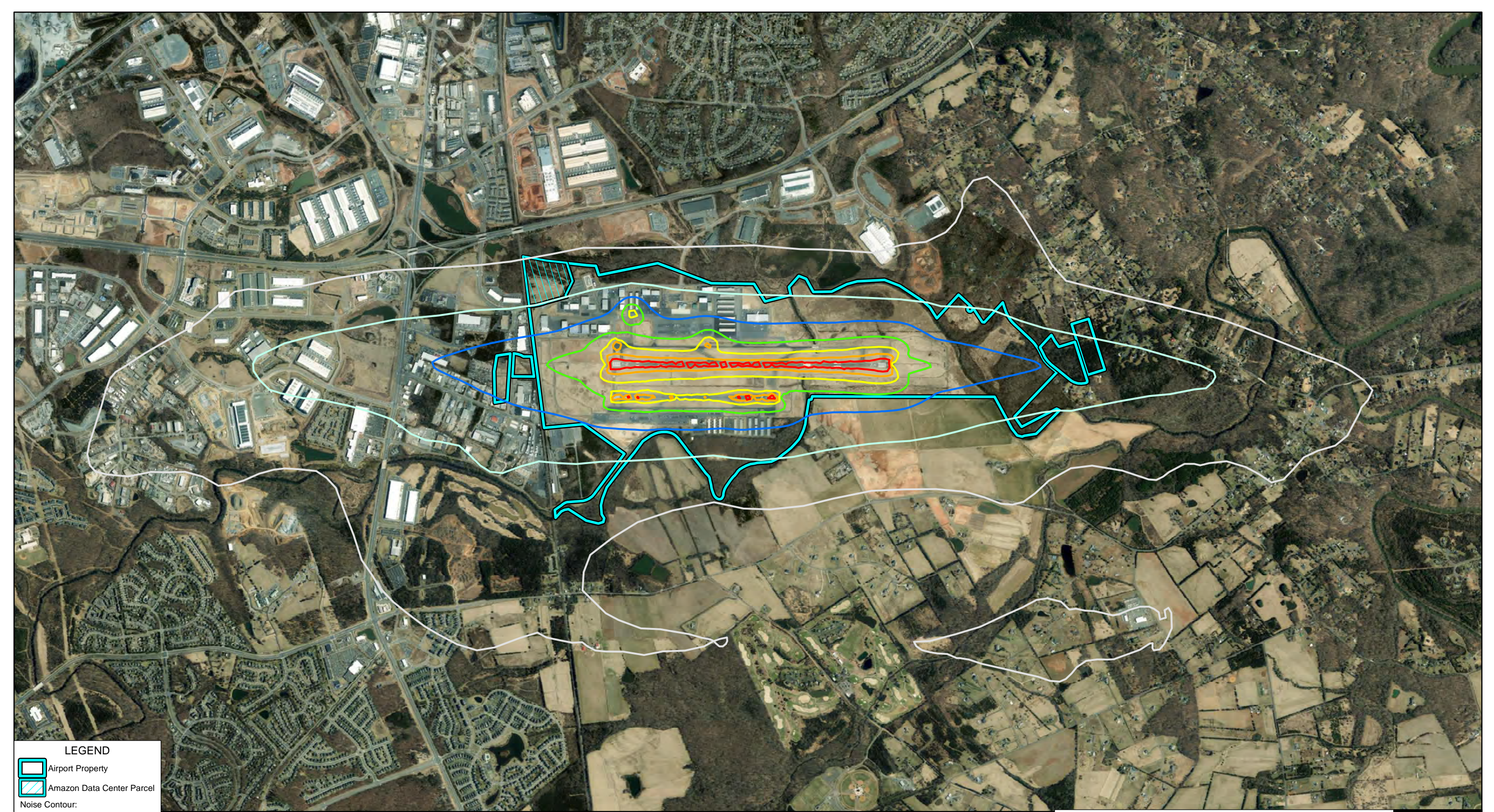
Figure 2.7 from
Kimley Horn
2021 Manassas Regional Airport
Water and Sanitary Sewer












**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

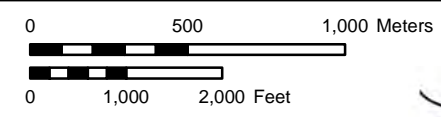
Airport Force and Gravity Mains

Figure
A21



LEGEND

-  Airport Property
-  Amazon Data Center Parcel
- Noise Contour:
-  DNL55
-  DNL60
-  DNL65
-  DNL70
-  DNL75
-  DNL80
-  DNL85



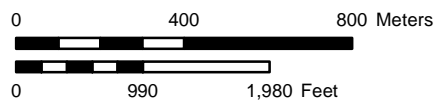
**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Aircraft Noise Contours: Existing Condition

Figure
A22



Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")



LEGEND

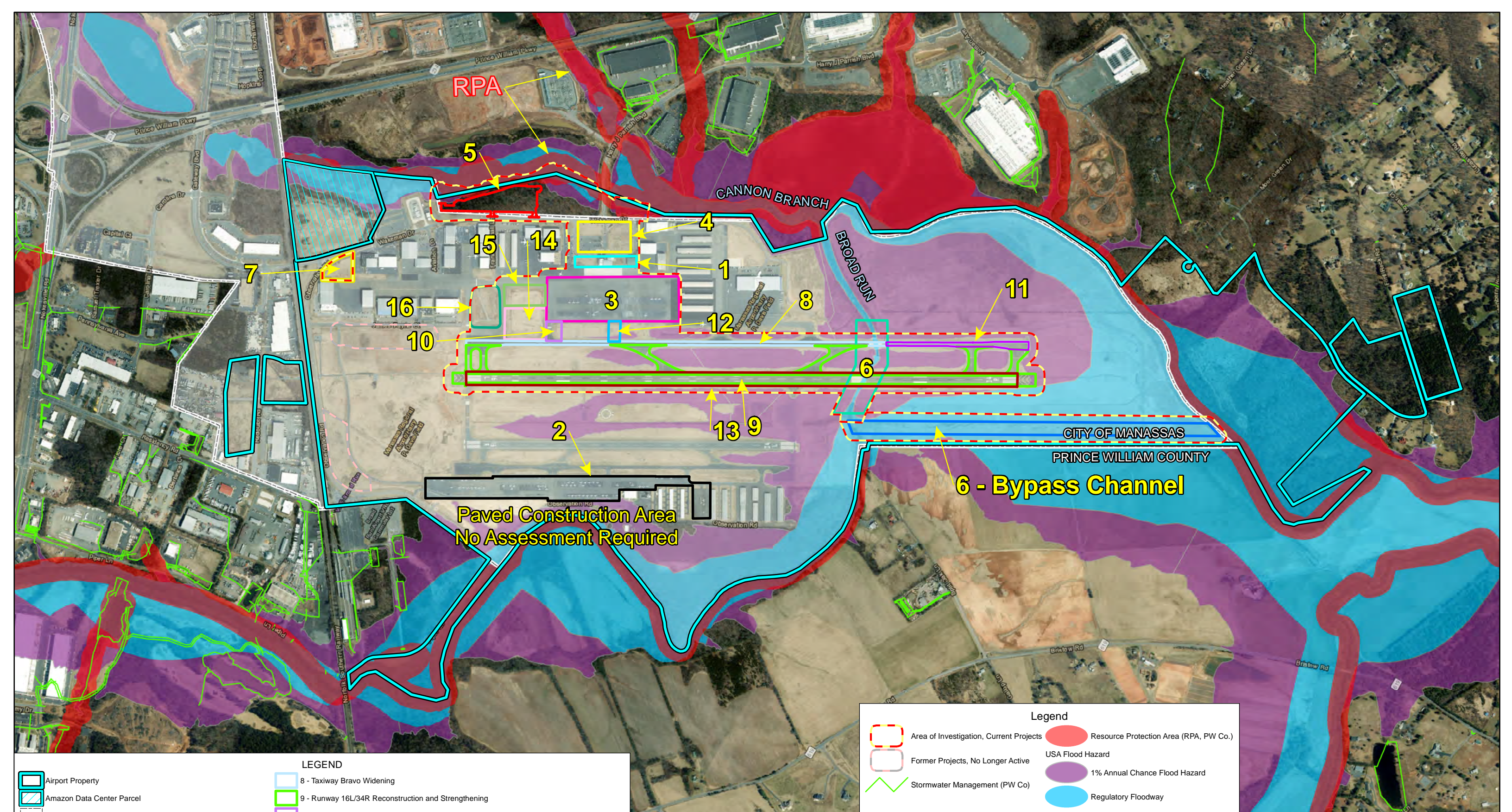
- Airport Property
- Amazon Data Center Parcel
- Half-Mile Buffer of Airport
- Census Tract Boundary



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Census Tracts

Figure
A23



LEGEND	
	Airport Property
	Amazon Data Center Parcel
	City of Manassas
PEA Projects:	
	1 - Terminal Building Expansion (north, south and west)
	2 - West Ramp GA Tie-Down Relocation
	3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation
	4 - Terminal Parking Lot Rehabilitation and Expansion
	5 - Economy Parking Lot Construction
	6 - Bridge Rehabilitation R/W 16L-34R and Taxiway B
	7 - Construction of a new Snow Equipment (SRE) Storage Building
	8 - Taxiway Bravo Widening
	9 - Runway 16L/34R Reconstruction and Strengthening
	10 - Taxiway Echo Fillet Widening
	11 - Taxiway B Reconstruction and Strengthening (South of the Bridge)
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	13 - Runway 16L/34R Widening
	14 - Aircraft Deicing Pad and Apron Expansion between Taxiways D and E
	15 - Construction of new Expanded East Ramp and Taxilane between Taxiways Delta and Echo
	16 - Construction of a new ARFF Facility
	Project #6 - Bypass Channel

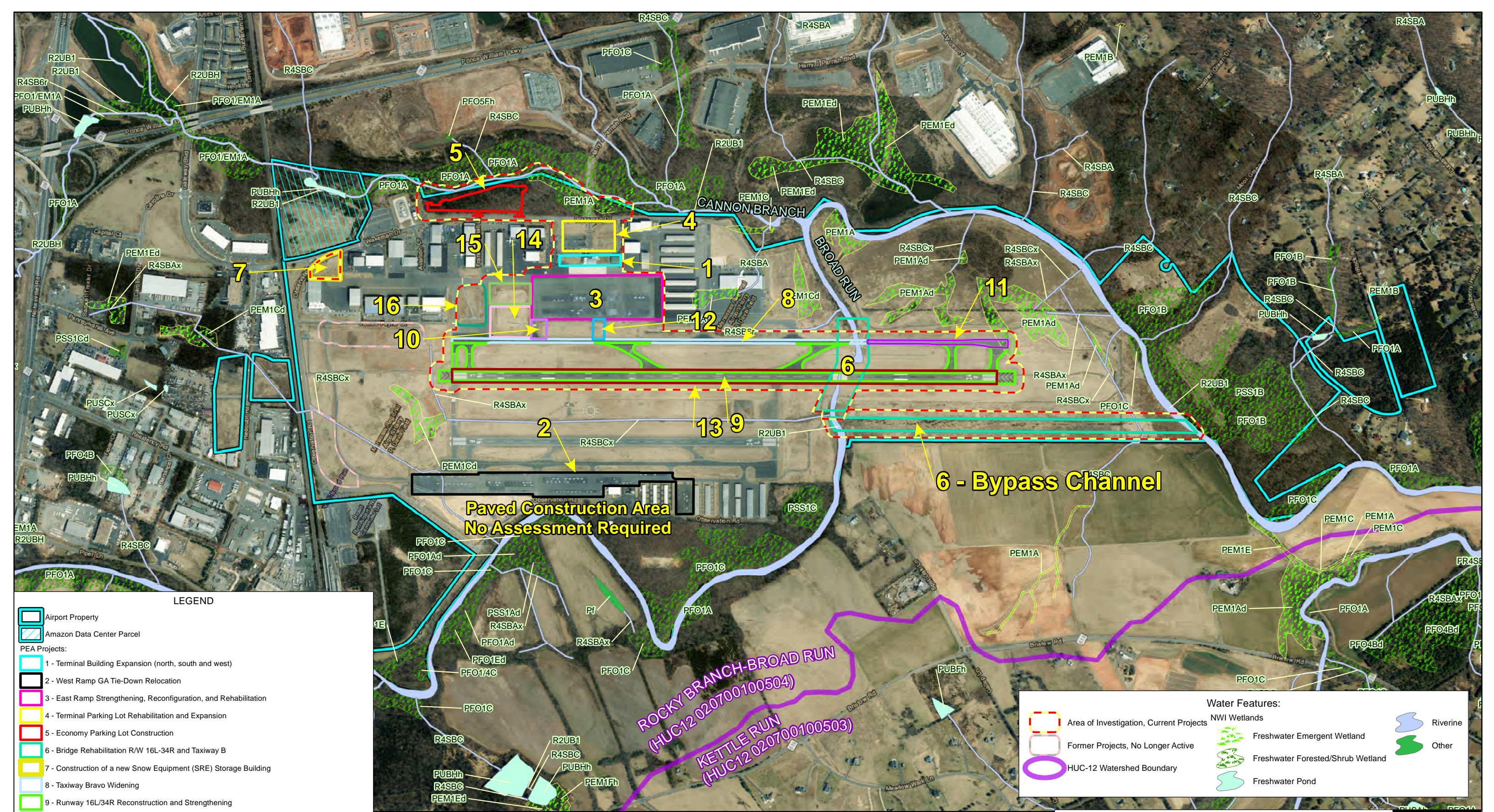
Legend	
	Area of Investigation, Current Projects
	Former Projects, No Longer Active
	Stormwater Management (PW Co)
	Resource Protection Area (RPA, PW Co.)
	USA Flood Hazard
	1% Annual Chance Flood Hazard
	Regulatory Floodway



Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment

State and Local Water Features
in the Vicinity of the Airport

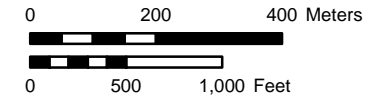
Figure
A24



LEGEND

- Airport Property
- Amazon Data Center Parcel
- PEA Projects:
- 1 - Terminal Building Expansion (north, south and west)
- 2 - West Ramp GA Tie-Down Relocation
- 3 - East Ramp Strengthening, Reconfiguration, and Rehabilitation
- 4 - Terminal Parking Lot Rehabilitation and Expansion
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- Project #6 - Bypass Channel

Wetland classification for NWI based on Cowardin, L.M., V. Carter V., F.C. Golet, and E.T. LaRoe.
 1979 Classification of Wetlands and Deepwater Habitats of the United States.
 U.S. Fish and Wildlife Service Report No. FWS/OBS/- 79/31. Washington, D.C.

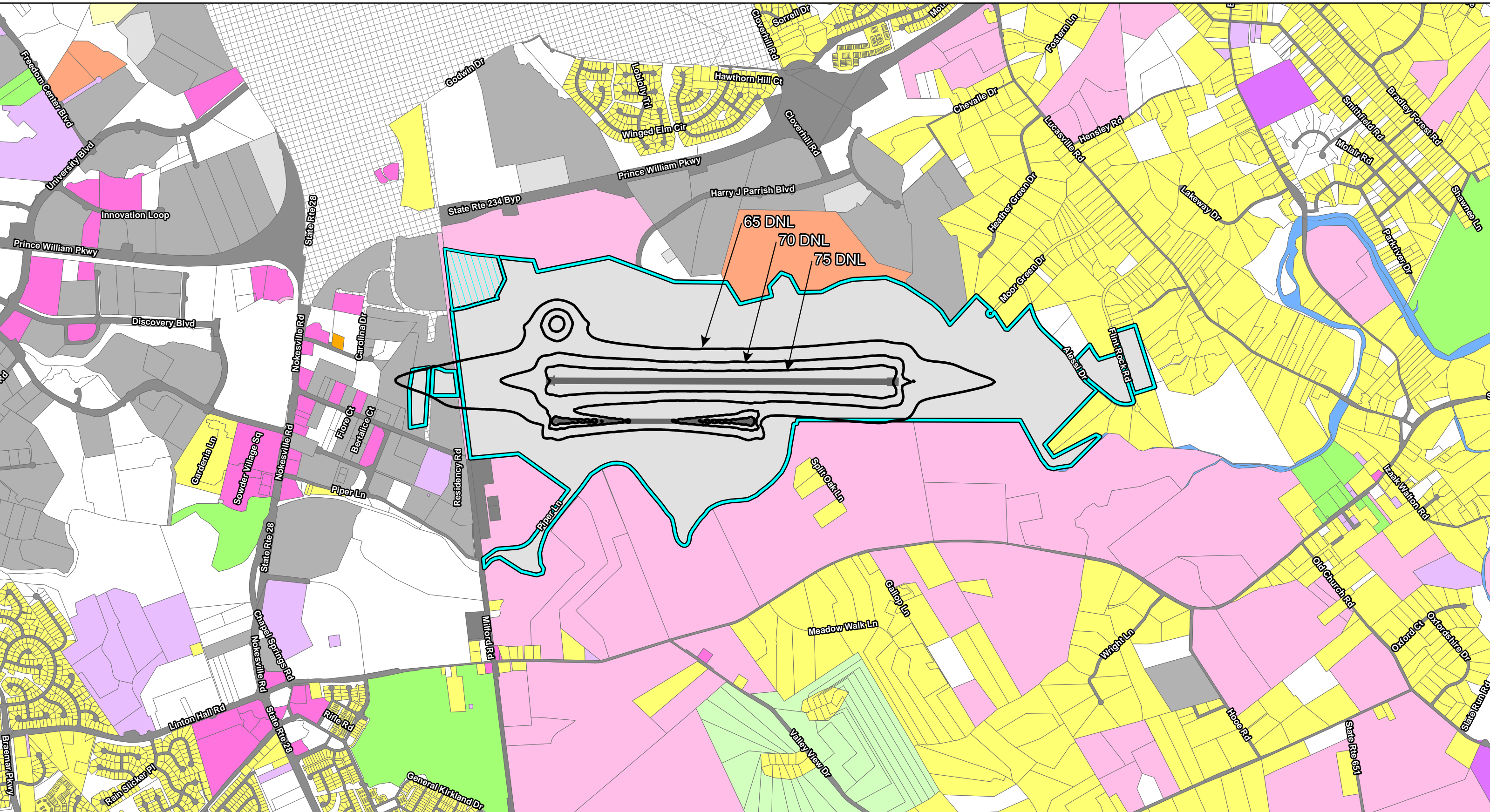


Water Features:

- Area of Investigation, Current Projects
- Former Projects, No Longer Active
- HUC-12 Watershed Boundary
- NWI Wetlands
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
- Riverine
- Other

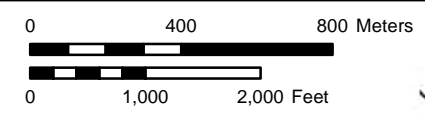
Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment
NWI Water Features and Watersheds
on the Airport

Figure
A25



LEGEND

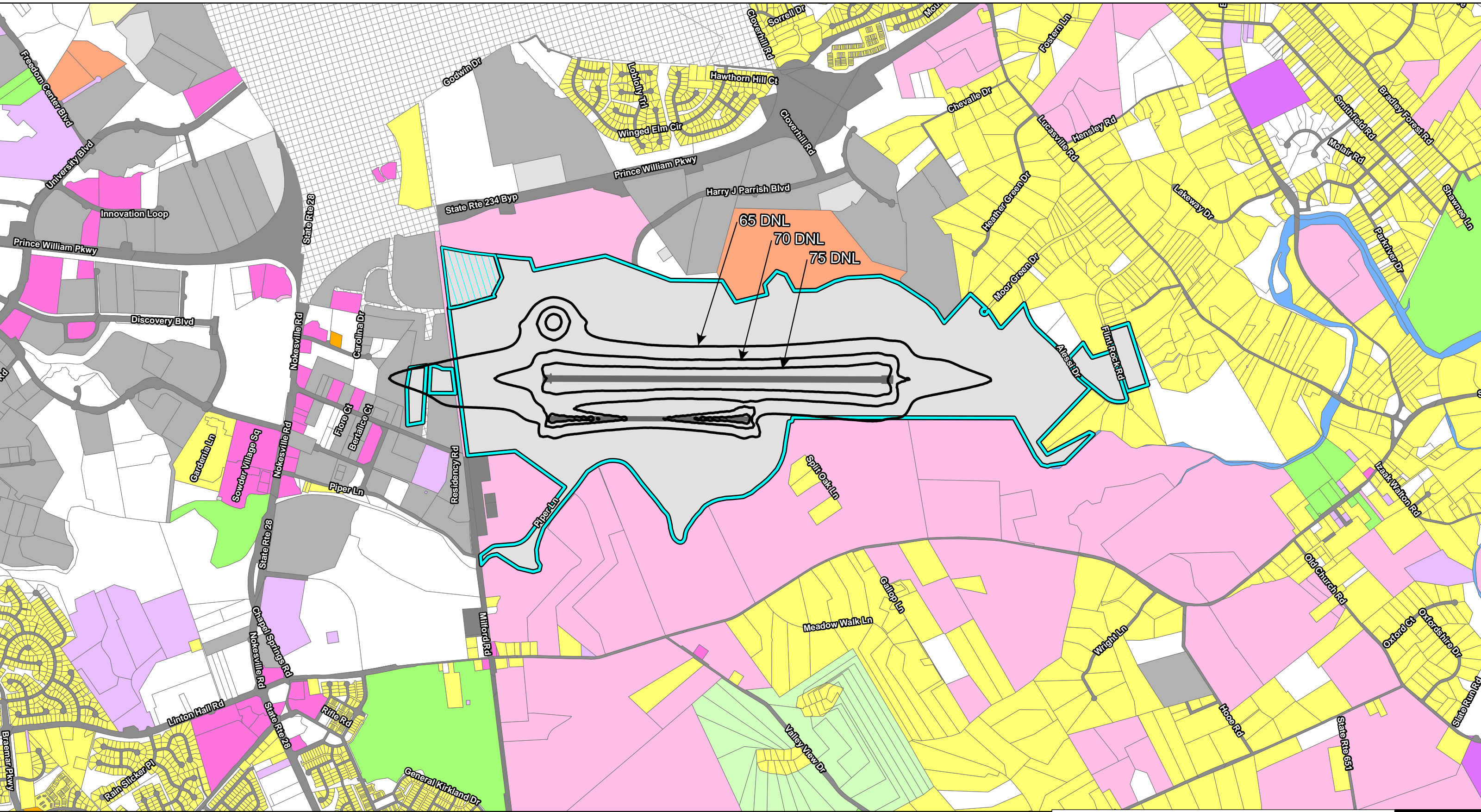
Airport Property	Agriculture	Industrial	Residential	School (Private)	Right-of-Way
Amazon Data Center Parcel	Airport	Institutional	Rail	Federal Land	Water
Runway	City of Manassas	Open Space	Recreational	Utility	
Noise Contour (DNL) - No Action, 2036	Commercial	Rural Crossroads	State Land		
	Golf Course				



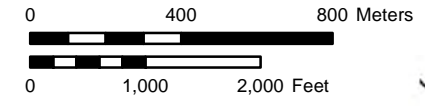
Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment

No Action Alternative (2036)
65-75 Noise DNL Contours

Figure
A26



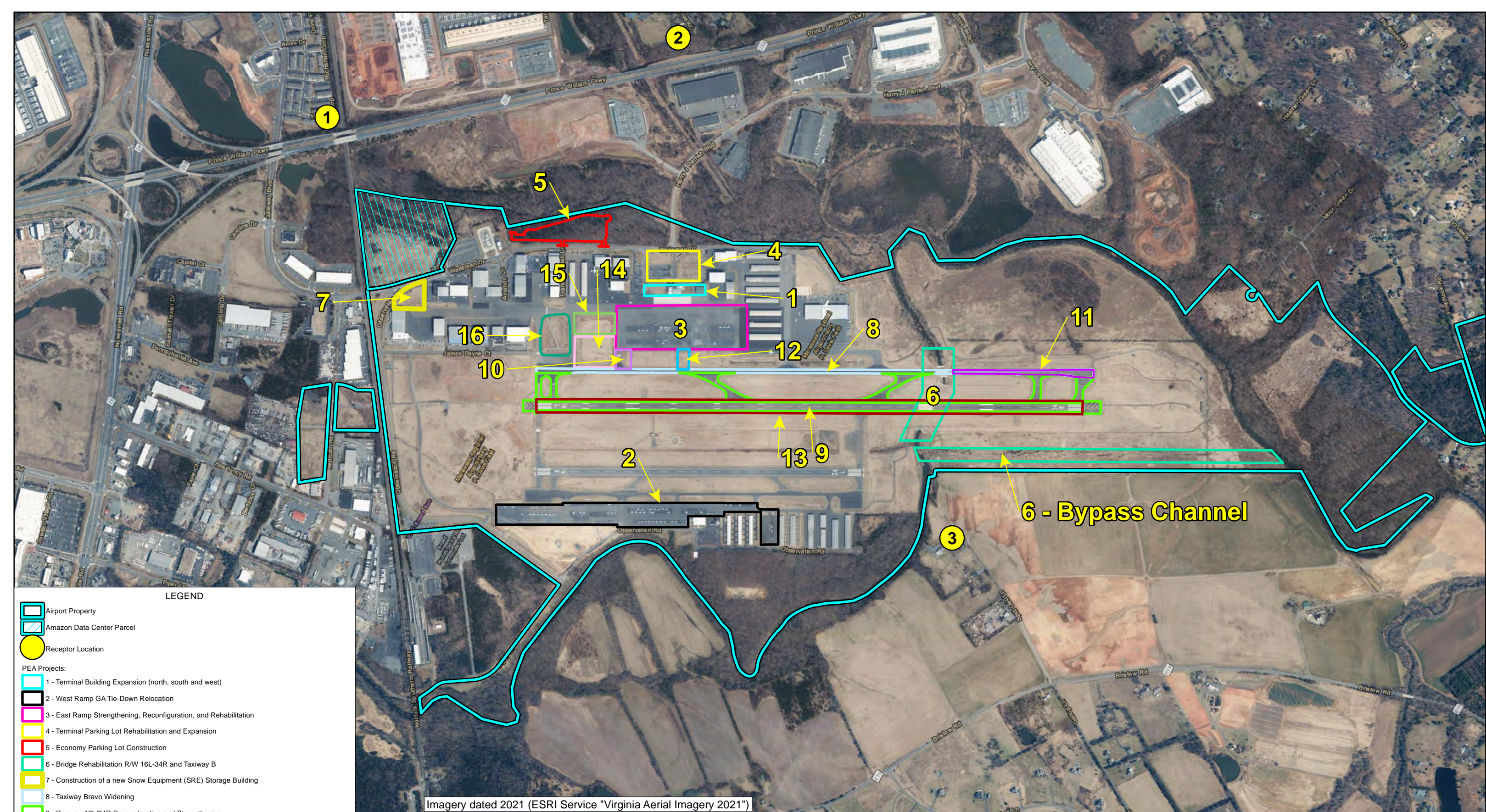
LEGEND					
	Airport Property		Agriculture		Industrial
	Amazon Data Center Parcel		Commercial		Institutional
	Runway		Open Space		Residential
	Noise Contour (DNL) - No Action, 2041		Golf Course		School (Private)
			Rural Crossroads		Federal Land
			City of Manassas		Utility
			Rail		State Land
			Right-of-Way		Water



Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment

No Action Alternative (2041)
65-75 Noise DNL Contours

Figure
A27



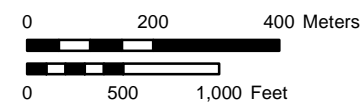
Imagery dated 2021 (ESRI Service "Virginia Aerial Imagery 2021")

LEGEND

- Airport Property
- Amazon Data Center Parcel
- Receptor Location

PEA Projects:

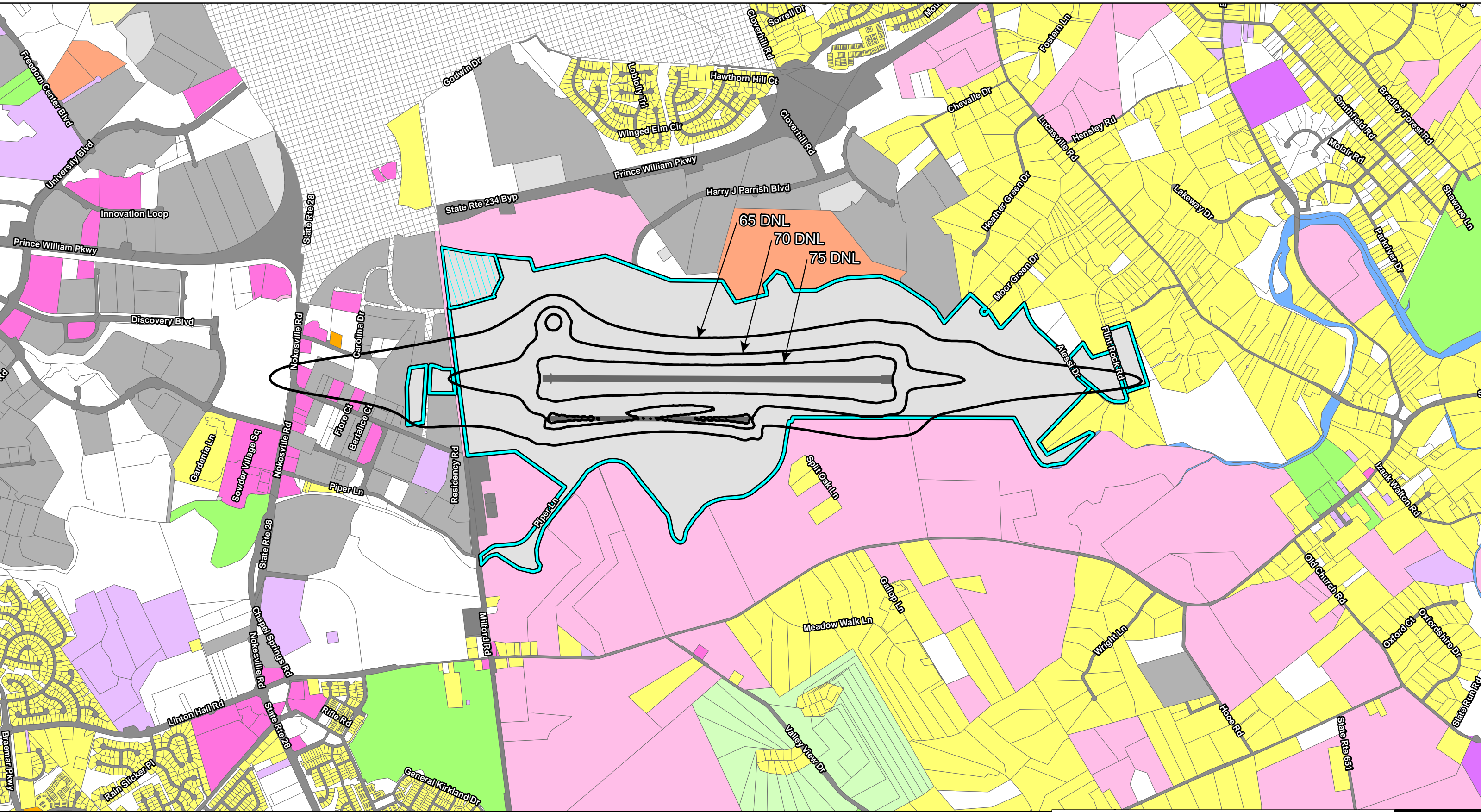
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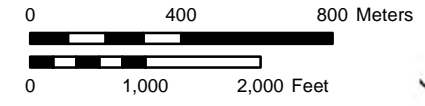
**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

Receptor Locations

Figure
A28



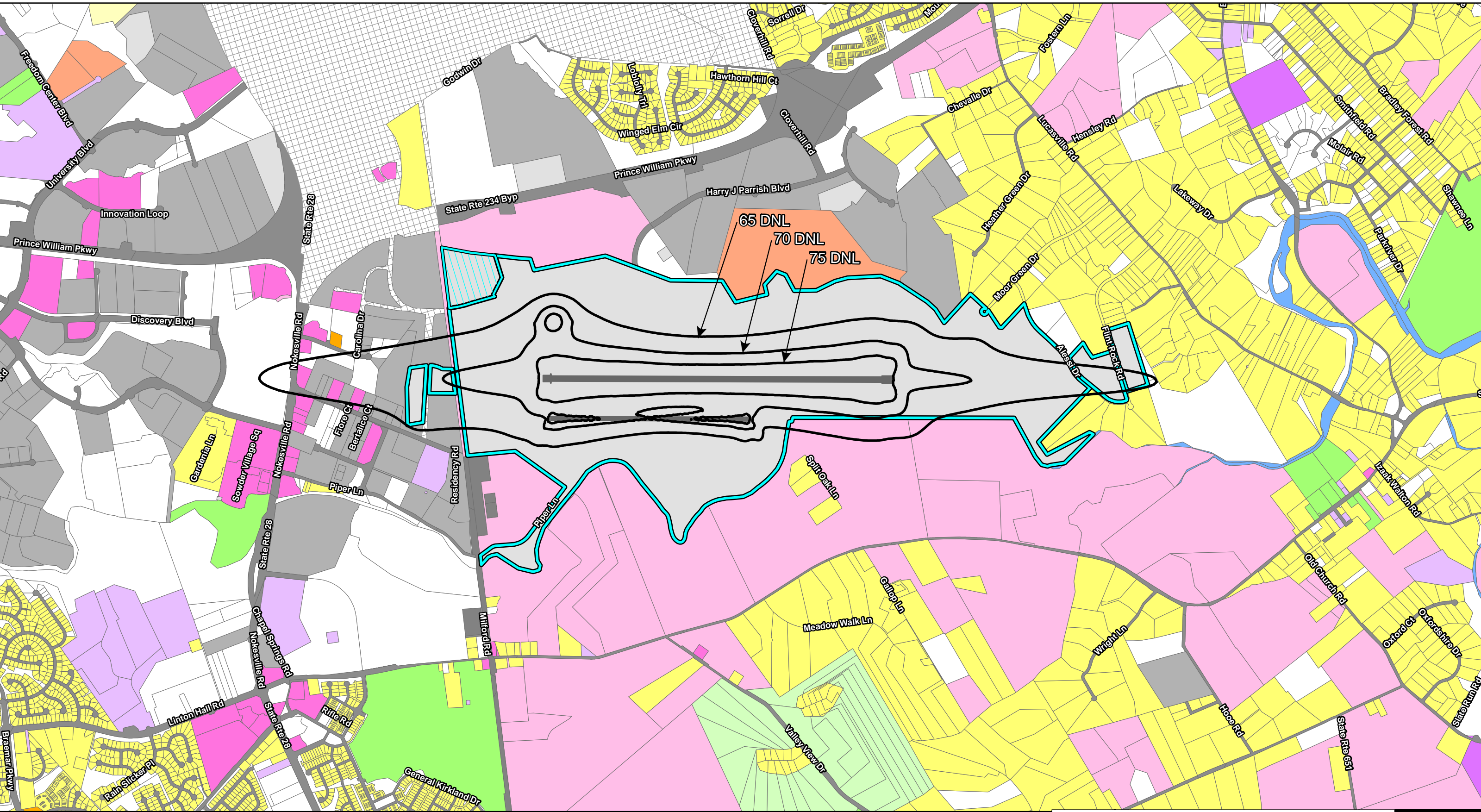
LEGEND					
	Airport Property		Agriculture		Industrial
	Amazon Data Center Parcel		Airport		Institutional
	Runway		Commercial		Open Space
	Noise Contour (DNL) - Preferred Action, 2036		Golf Course		Recreational
			Residential		School (Private)
			Federal Land		Water
			Rail		Utility
			City of Manassas		State Land
			Rural Crossroads		
			Right-of-Way		



**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Preferred Alternative - Alternative #2 (2036)
65-75 Noise DNL Contours**

Figure
A29



LEGEND					
	Airport Property		Agriculture		Industrial
	Amazon Data Center Parcel		Airport		Institutional
	Runway		Commercial		City of Manassas
	Noise Contour (DNL) - Preferred Action, 2041		Golf Course		Open Space
			Residential		School (Private)
			Federal Land		State Land
			Utility		Water
			Recreational		
			Rural Crossroads		
			Rail		

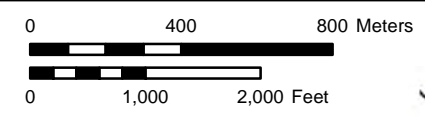


Figure
A30

**Manassas Regional Airport (HEF)
Proposed Part 139 Certification and Terminal
Redevelopment Project Environmental Assessment**

**Preferred Alternative - Alternative #2 (2041)
65-75 Noise DNL Contours**

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