Future Airport

Oak Ridge, TN

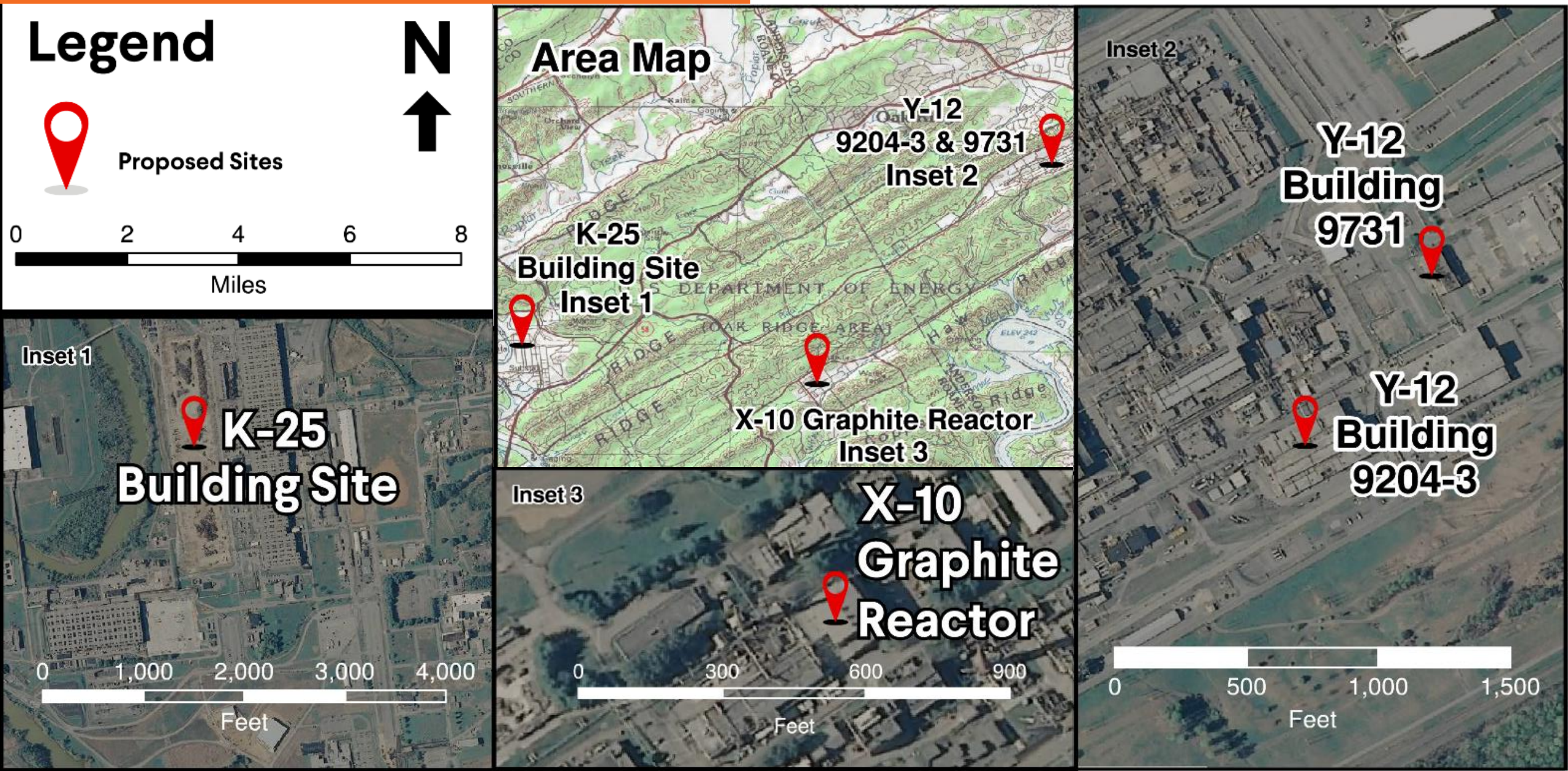
GMC

Goodwyn Mills Cawood

Building Communities

www.gmcnetwork.com

The Manhattan Project



City of Oak Ridge, Tennessee

Purpose and Need

Purpose and Need

Purpose and need was confirmed through the completion of several documents from 2009 to today.

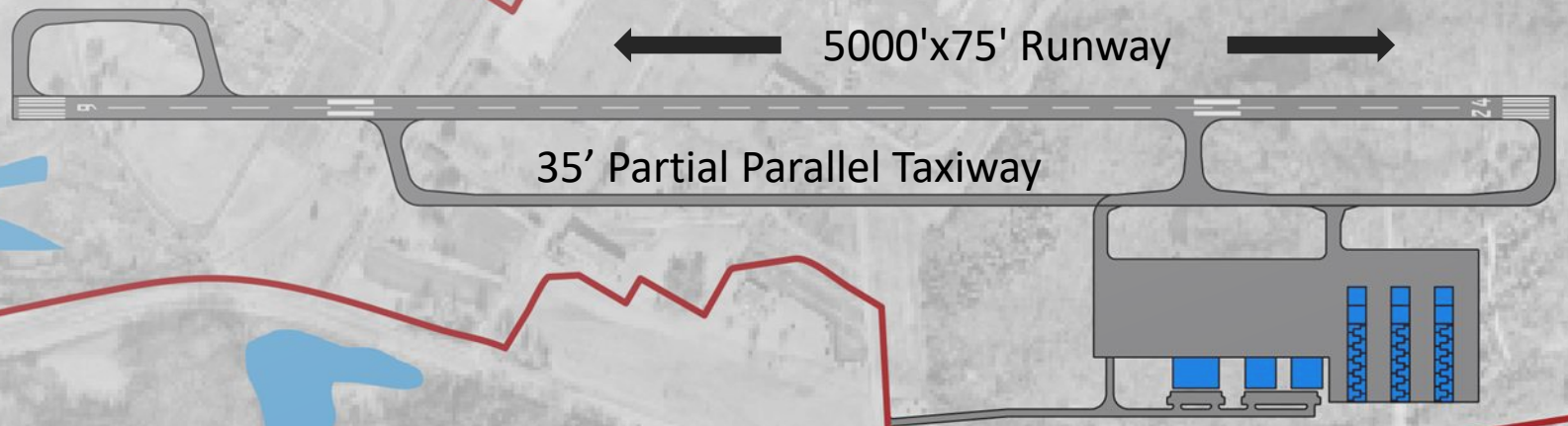
These studies established the need, identified a preferred location and placed the airport on the NPIAS, making it eligible for federal funding.

2013* Placed a new Oak Ridge Airport on the National Plan of Integrated Airport Systems (NPIAS)

2016* Property Transfer for General Aviation Airport

Alternative Sites

Proposed Facilities/Preferred Site



Legend

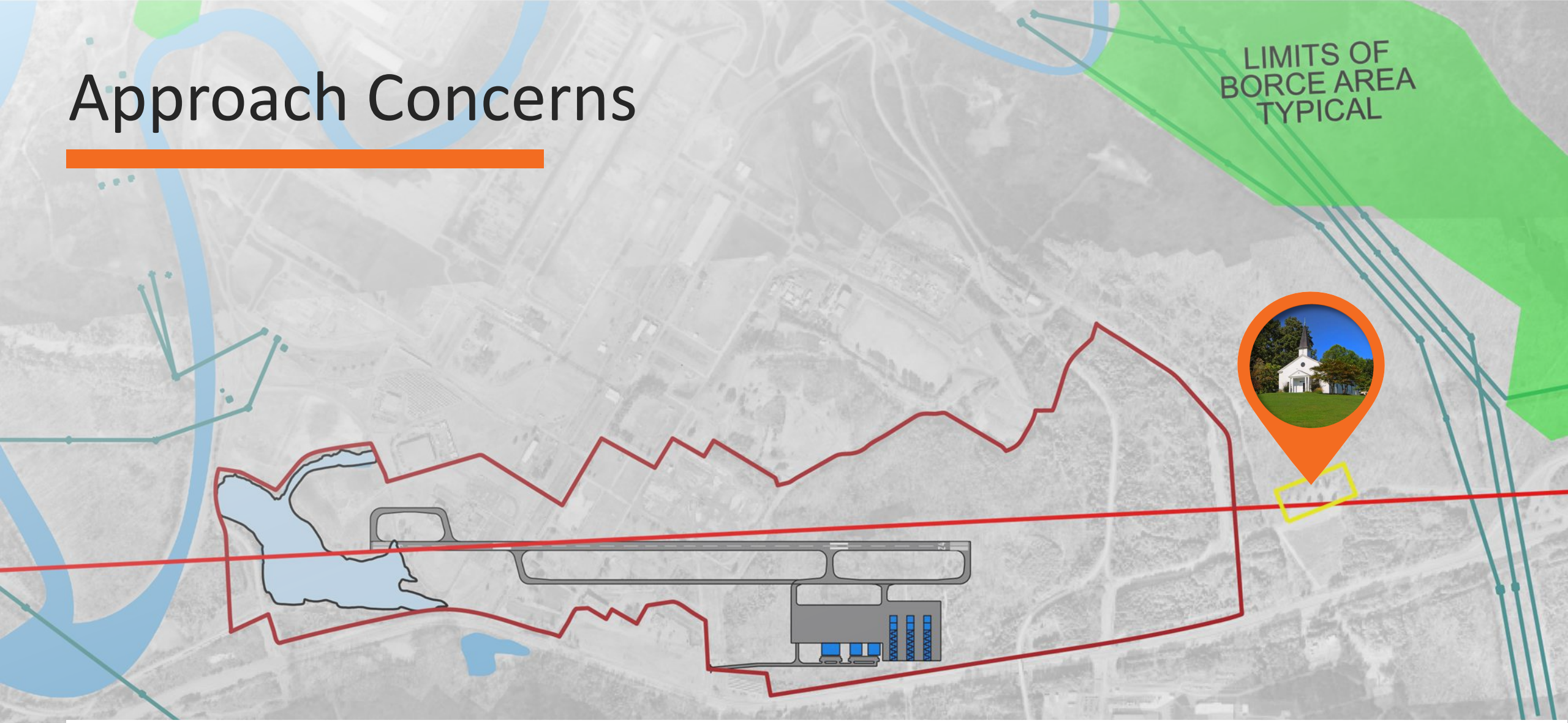
Property Line

Project Challenges

Utilities

Legend
Existing OH Transmission Lines
Existing Gas
Existing Power
Existing Sewer
Existing Water
6
24

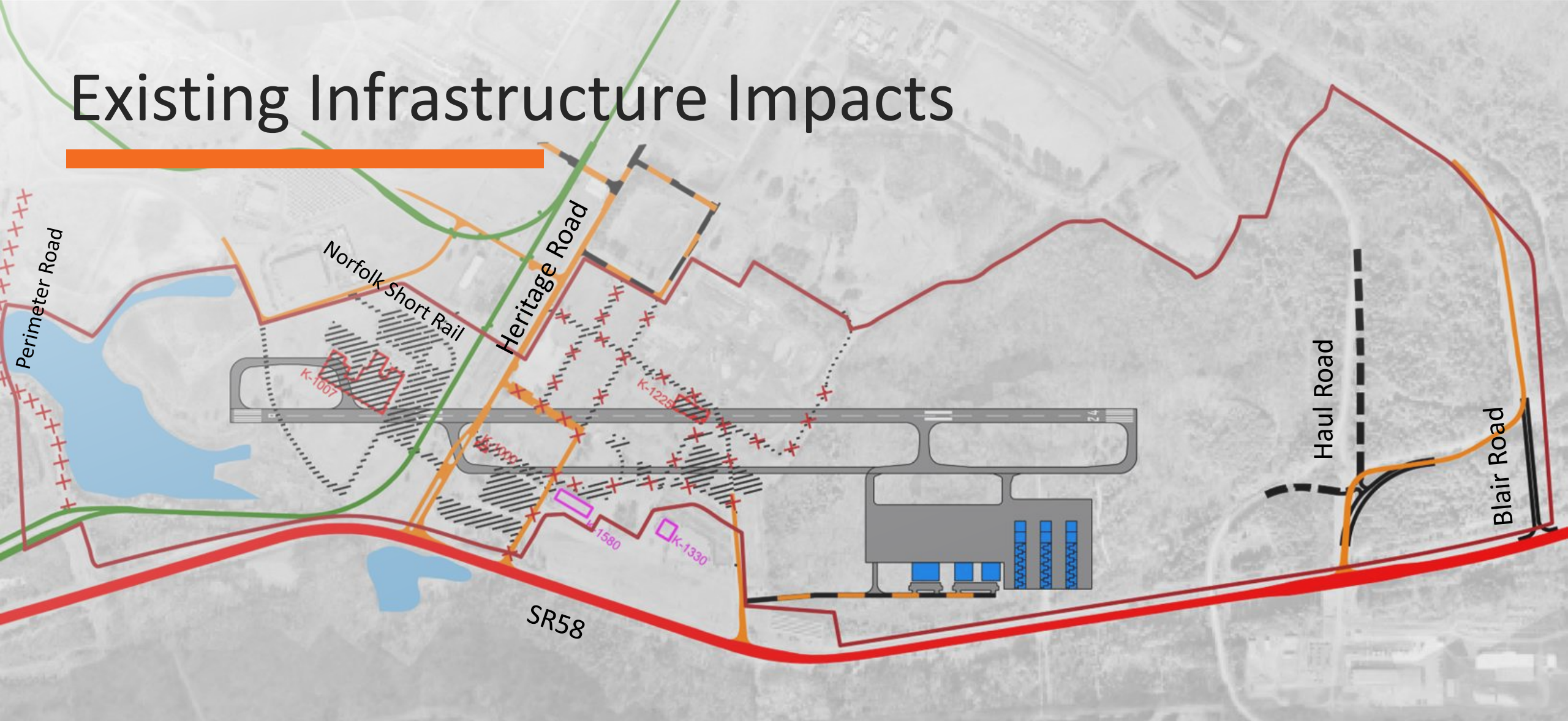
Approach Concerns



Legend

- Property Line
- BORCE Limits
- EX OH Transmission Lines
- Runway Centerline Initial ALP
- Wheat Church & Cemetery

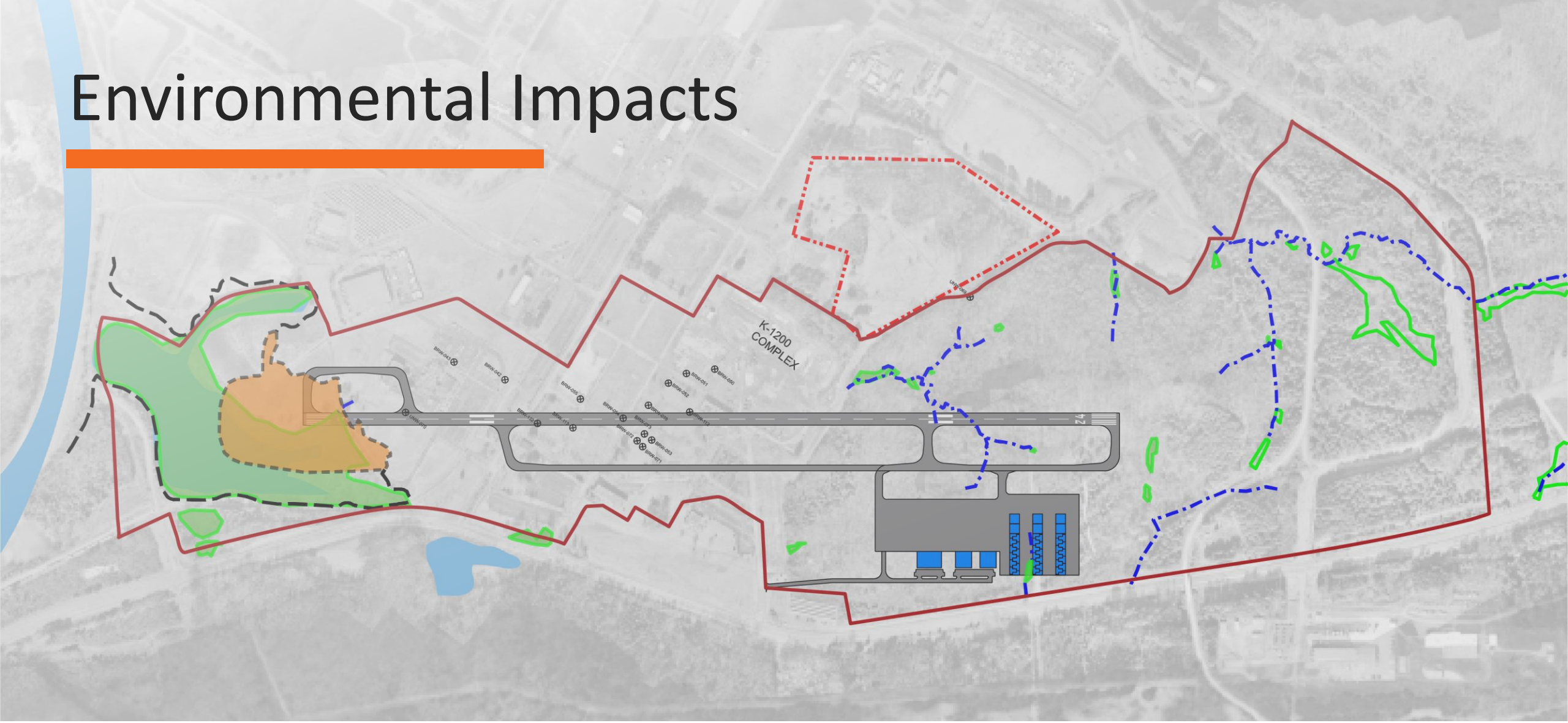
Existing Infrastructure Impacts



Legend

- Property Line
- Blair Rd Relocation
- Haul Rd Proposed REL
- Railroad
- Road Closures/Demo

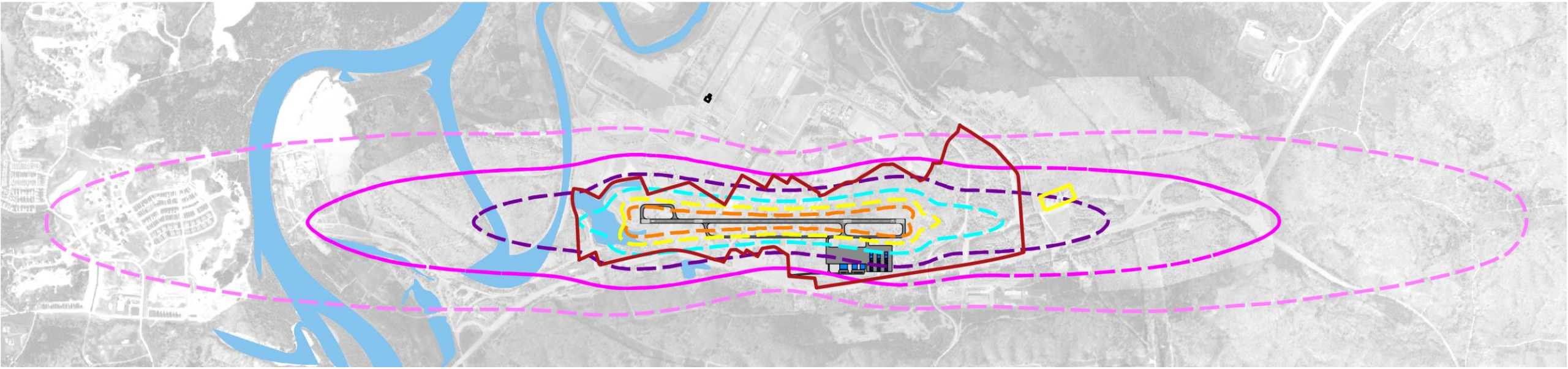
Environmental Impacts



Legend

- Property Line
- EX Floodplain Impacts
- Classified Landfill Limits
- Streams
- Wetlands

Noise Impacts



Legend

- Property Line
- 75dB
- 70dB
- 65dB
- 60dB
- 55dB
- 50dB

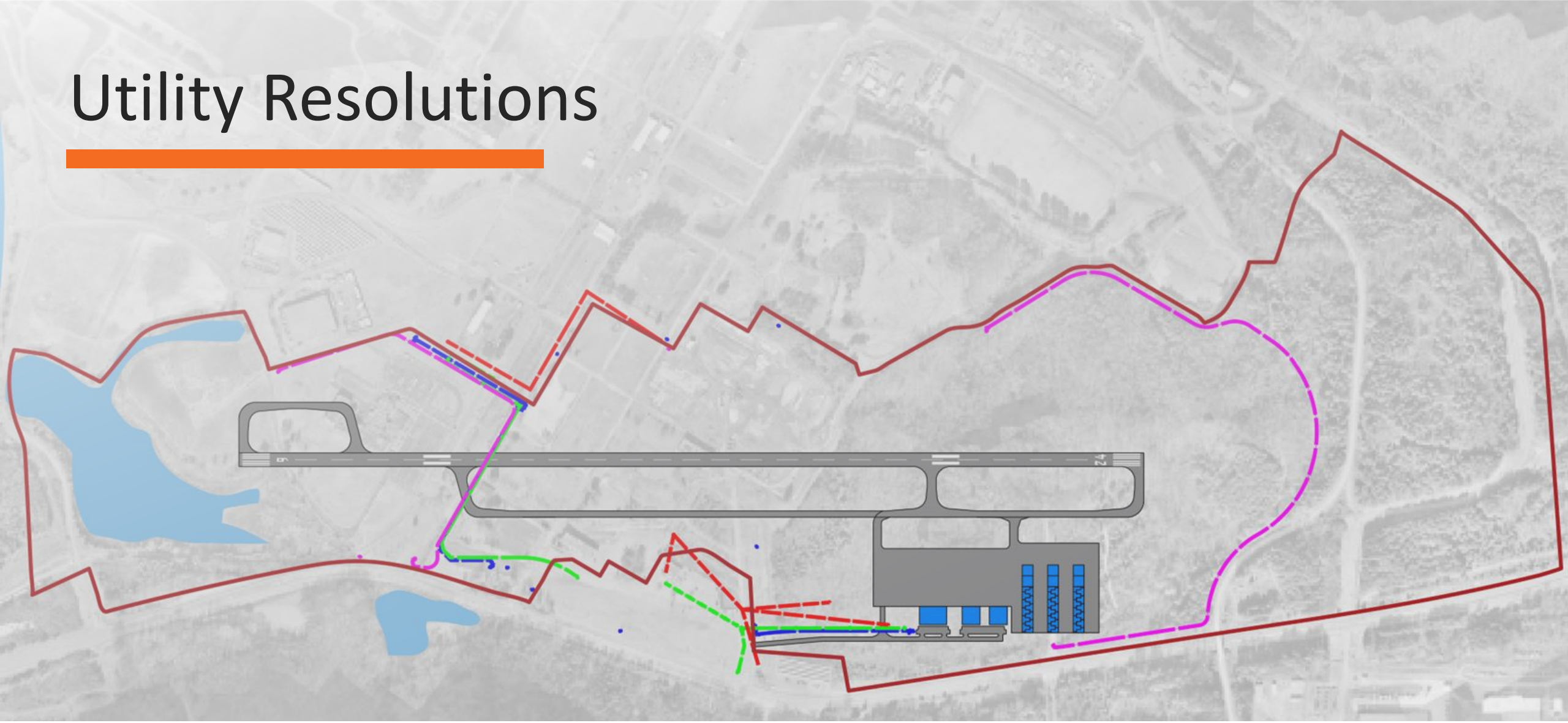
Excavation

Legend

Property Line

Engineering Solutions

Utility Resolutions



Legend

Property Line

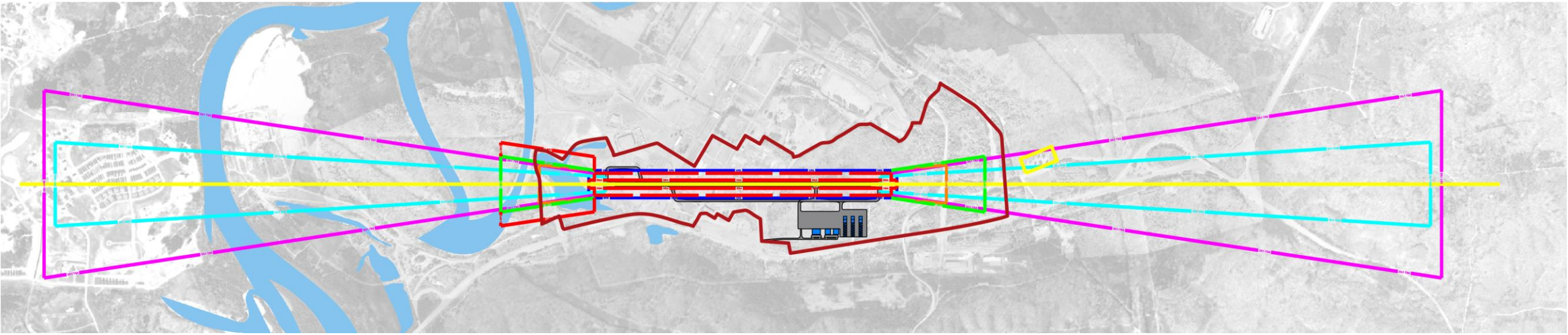
Proposed Gas

Proposed Power

Proposed Sanitary/Sewer

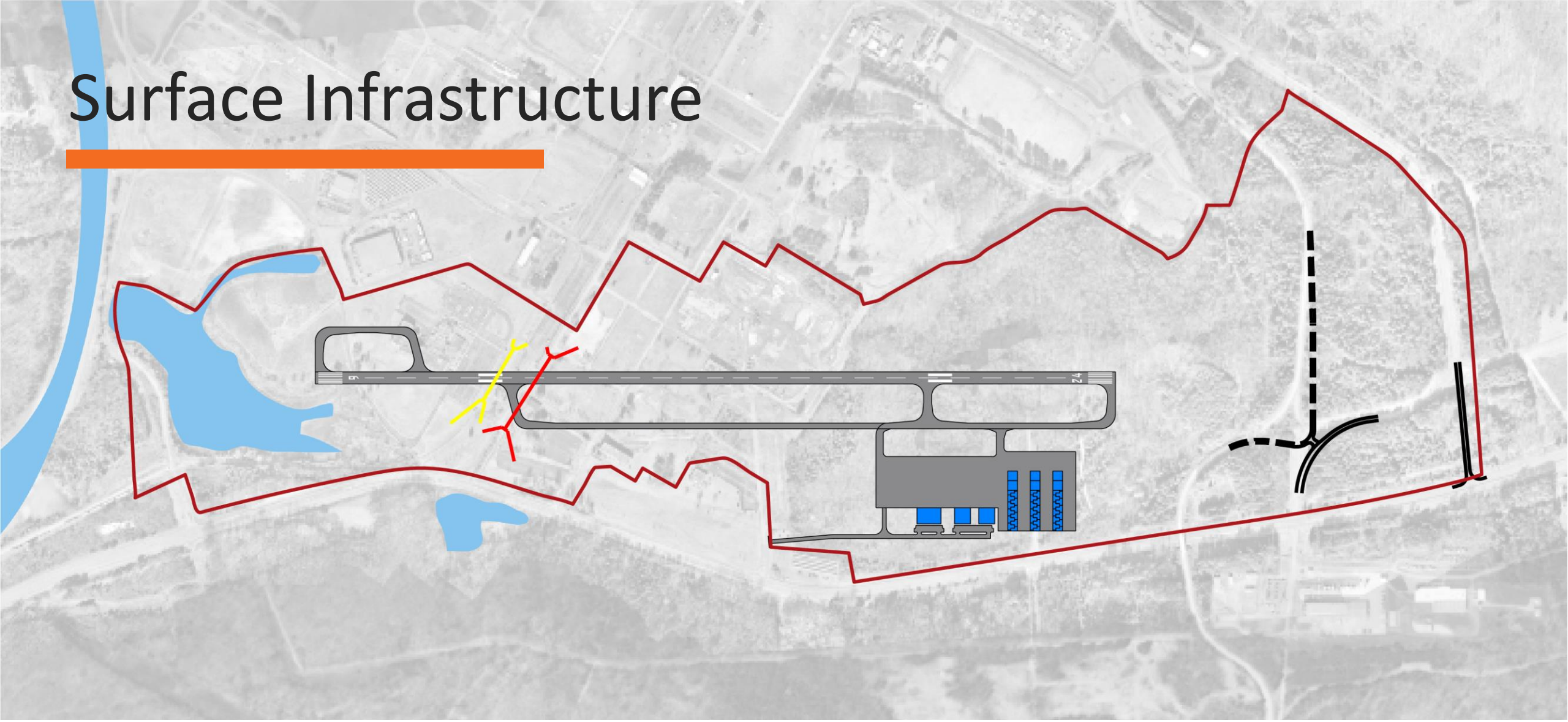
Proposed Water

Approach Benefits



- Removes historic Wheat Church from extended runway centerline
- Reduces noise impacts
- Enabled vertical guidance to both ends of runway

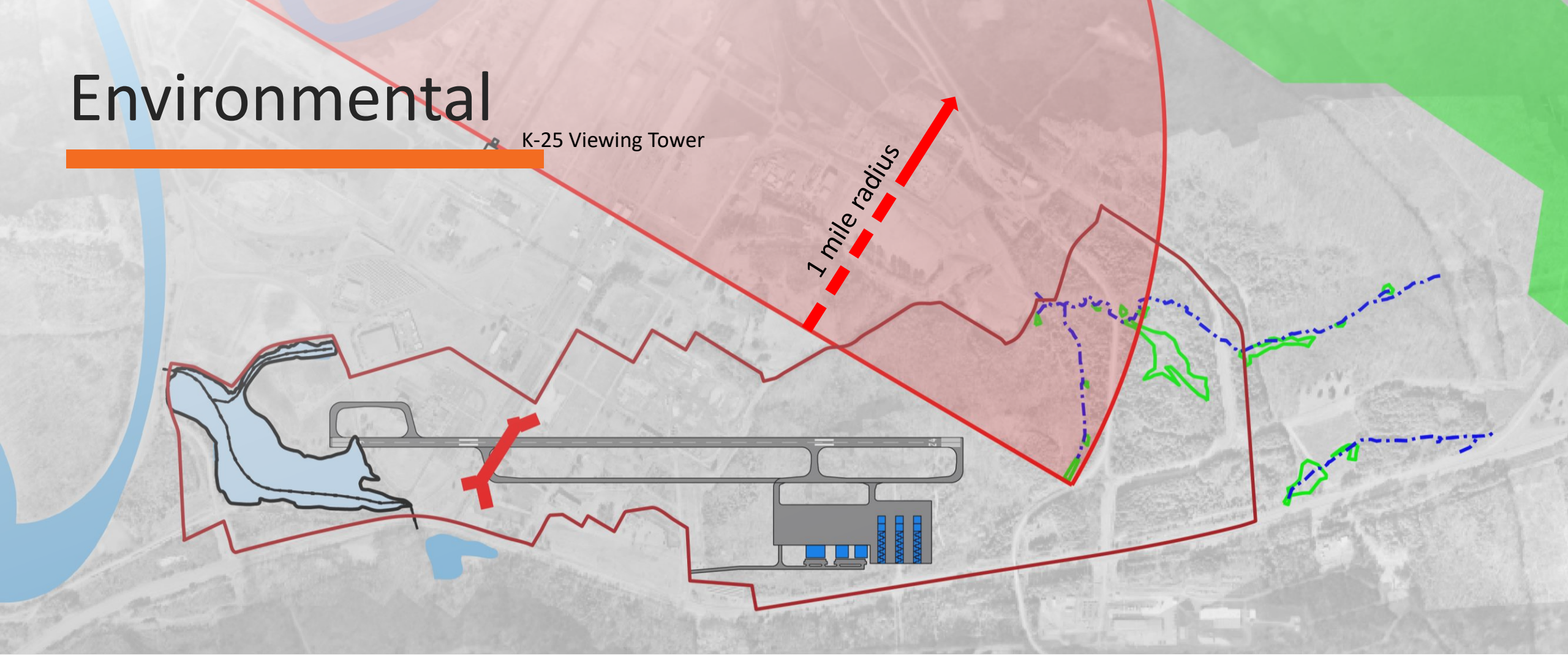
Surface Infrastructure



Legend

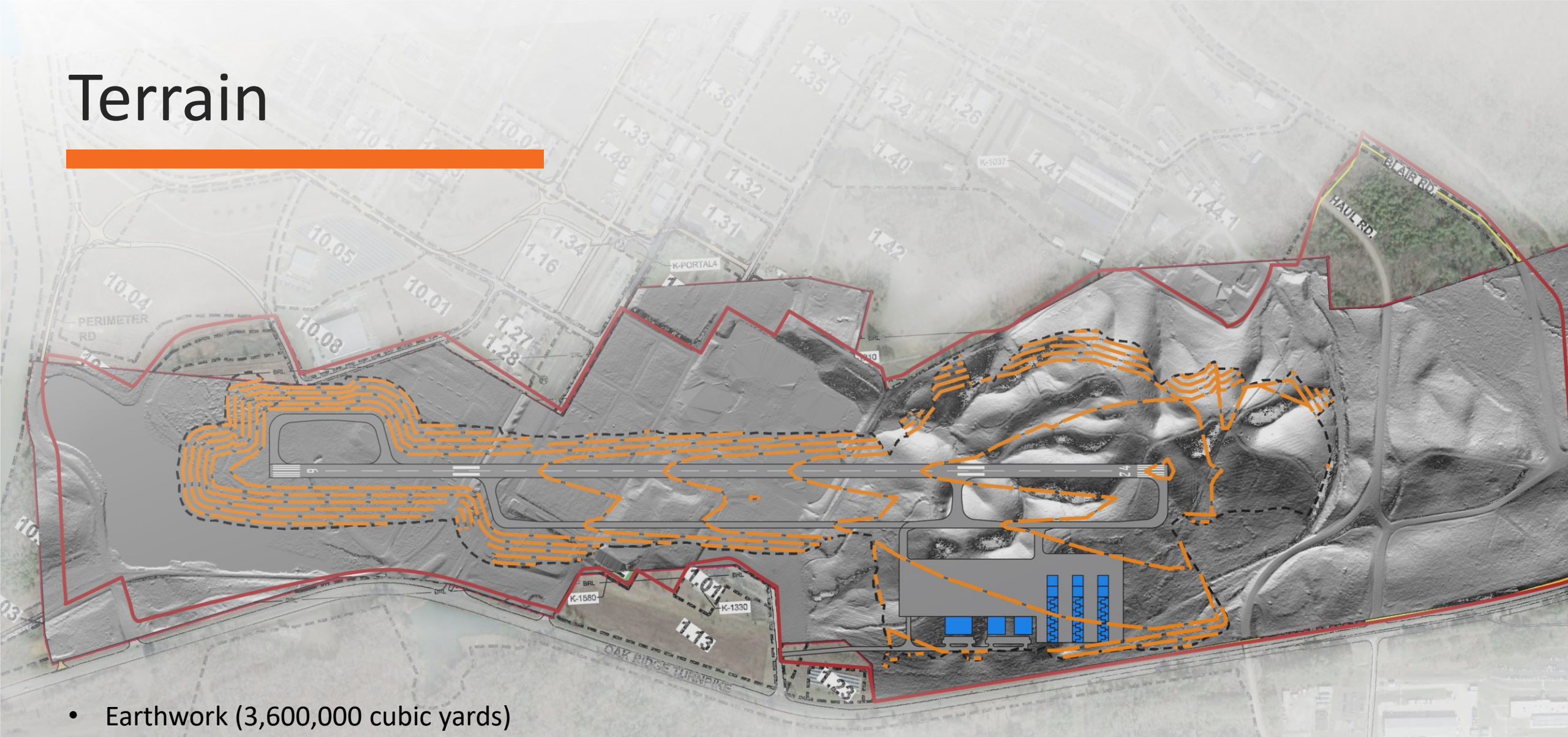
- Property Line
- Blair Rd Relocation
- Haul Rd Proposed REL
- New Rail Spur Tunnel
- New Roadway Tunnel

Environmental



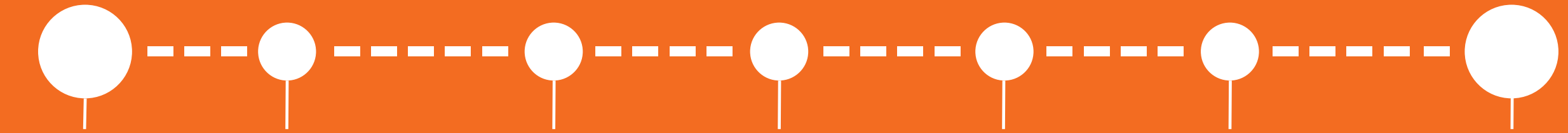
- Reduces wildlife habitat (trees) affected
- Removed identified streams between haul
- Removes viewshed impacts and enhances entrance to K-25 National Park
- Maintains access to the Heritage Center/ETTP/K-25 National Park
- On-site stream mitigation with creation of a new natural stream channel through closed/filled Pond 1

Terrain



- Earthwork (3,600,000 cubic yards)

Project Timeline



Final Design
June 2024 to
June 2025

Bidding/ Const. Start Demo & Fencing
June 2025 to
June 2026

Bidding/ Const. Start Roads & Tunnels
June 2025 to
April 2027

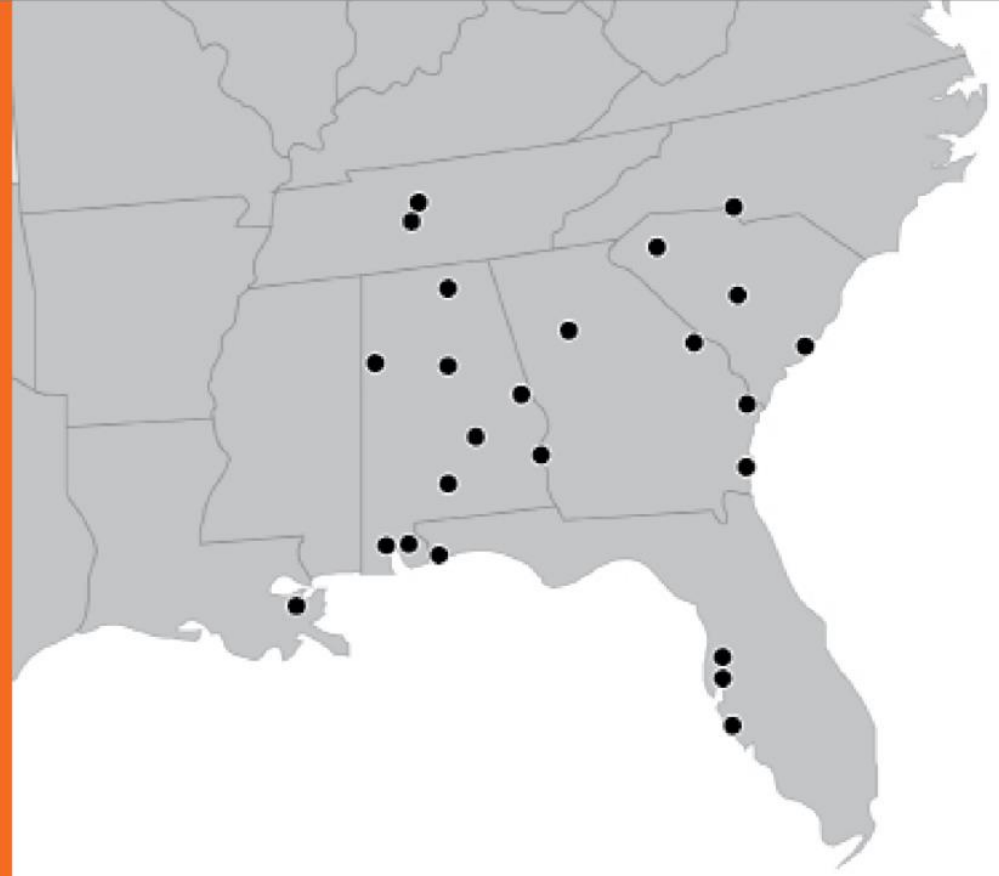
Bidding/ Const. Start Airport Mass Grading
June 2025 to
April 2027

Bidding/ Const. Start Airport Paving & Lighting
May 2027 to
November 2027

Bidding/ Const. Start Airport Facilities
2028

Airport Open
2028

Goodwyn Mills Cawood (GMC) is one of the region's largest employee owned architecture and engineering firms, with 550+ employees located in offices throughout the Southeast and projects spanning nationwide.



OFFICE LOCATIONS

Alabama
Andalusia
Auburn
Birmingham
Daphne
Eufaula
Huntsville
Mobile
Montgomery
Vernon

Florida
Lutz
Pensacola
Sarasota
Tampa

Georgia
Atlanta
Augusta
Brunswick
Savannah

Louisiana
New Orleans

North Carolina
Charlotte

South Carolina
Charleston
Columbia
Greenville

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