

Quonset Energy Storage Project

Public Informational Session
April 22, 2026

GDQ ESS, LLC

 **QUONSET**
DEVELOPMENT CORPORATION

Project Team



Co-Applicants

Quonset Development Corporation
GDQ ESS, LLC



Safety

Energy Safety Response Group, LLC



Viewsheds

EDR



Legal Counsel

Hinckley Allen
Keough & Sweeney



Landscape

Kevin M. Alverson



Historic/Archeological

The Public Archeology Laboratory, Inc.



Civil/Project Lead

Green Development, LLC



Electro Magnetic Fields

Exponent, Inc.



Wetlands Biologist

McCue Environmental

Submit Your Questions



Our Agenda for Today

01

Quonset Business Park Overview

04

Project Safety

02

Battery Storage 101

05

Permitting Process

03

Project Specifics

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Project Schedule

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Welcome to the Quonset Business Park



Quonset is Committed to Clean Energy

80%

**of QDC
operations are
powered by
solar energy**



Quonset is Committed to Clean Energy



Strong support of Revolution Wind



Cable landfall comes ashore at Quonset



Interconnection facility and substation are at Quonset



Crew Transfer Vessel Harbor is at Quonset

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What is Battery Energy Storage?

Large-scale battery energy storage systems use different methods to hold onto power so that it can be released when needed.

Lithium Ion
Thermal
Mechanical

Quonset Battery Storage Project = Lithium Ion

Potential Benefits of Battery Energy Storage

Keeps supply and demand balanced in real time

Improves reliability during peak system usage

Supports adding renewable sources to the grid

Offsets the need to increase fossil fuel plant use during peak times

Batteries are Consistent with State Energy Goals

State of Rhode Island Energy 2035 Plan

This long-term roadmap focuses on energy security, cost-effectiveness, and sustainability. Batteries help through peak shaving and helping to integrate renewables into the grid.

2014 Resilient Rhode Island Act

2014 Affordable Clean Energy Security Act

2024 Energy Storage Systems Act

What Do Large-Scale Batteries Look Like?



Credit: UL Solutions



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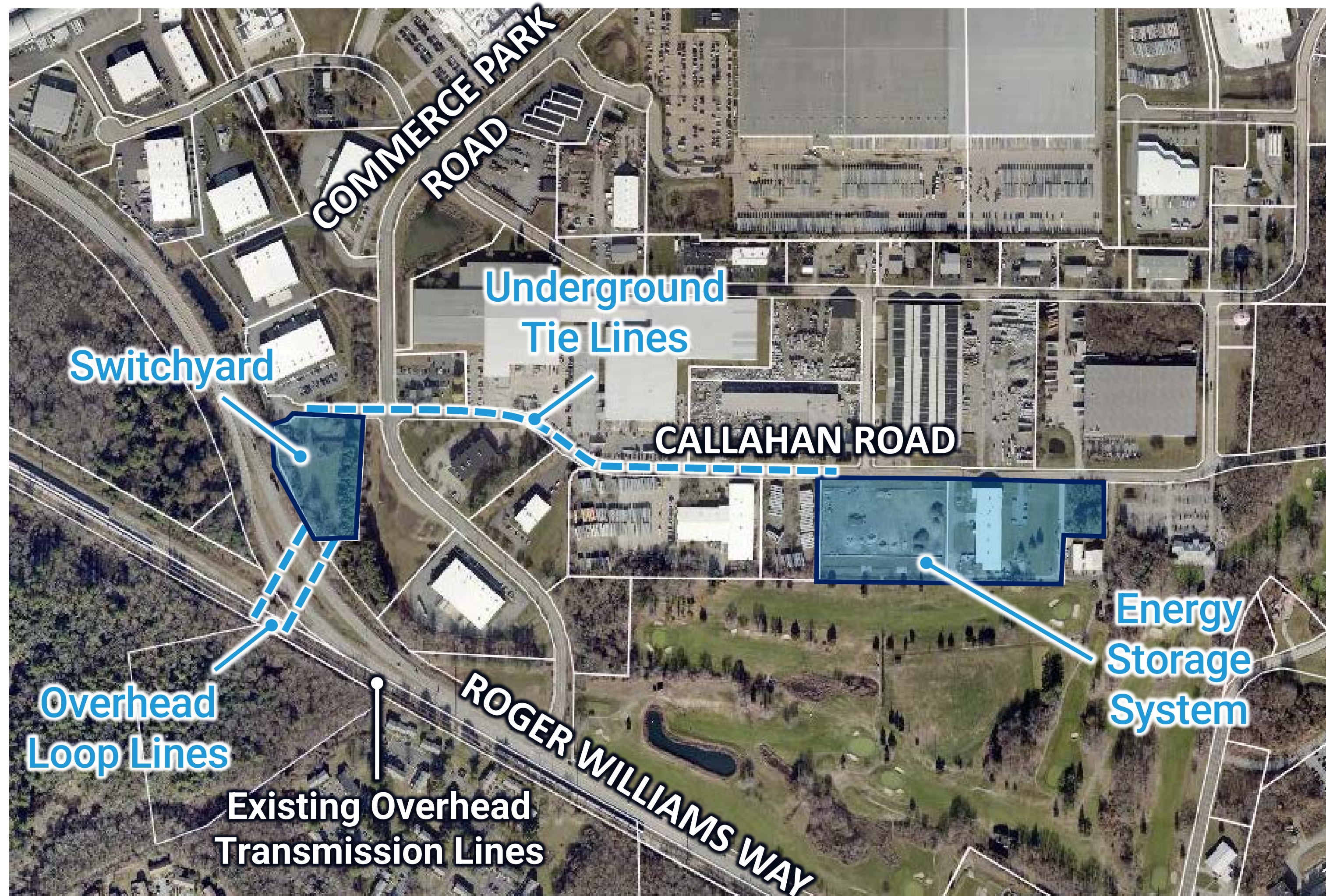
06

Project Schedule

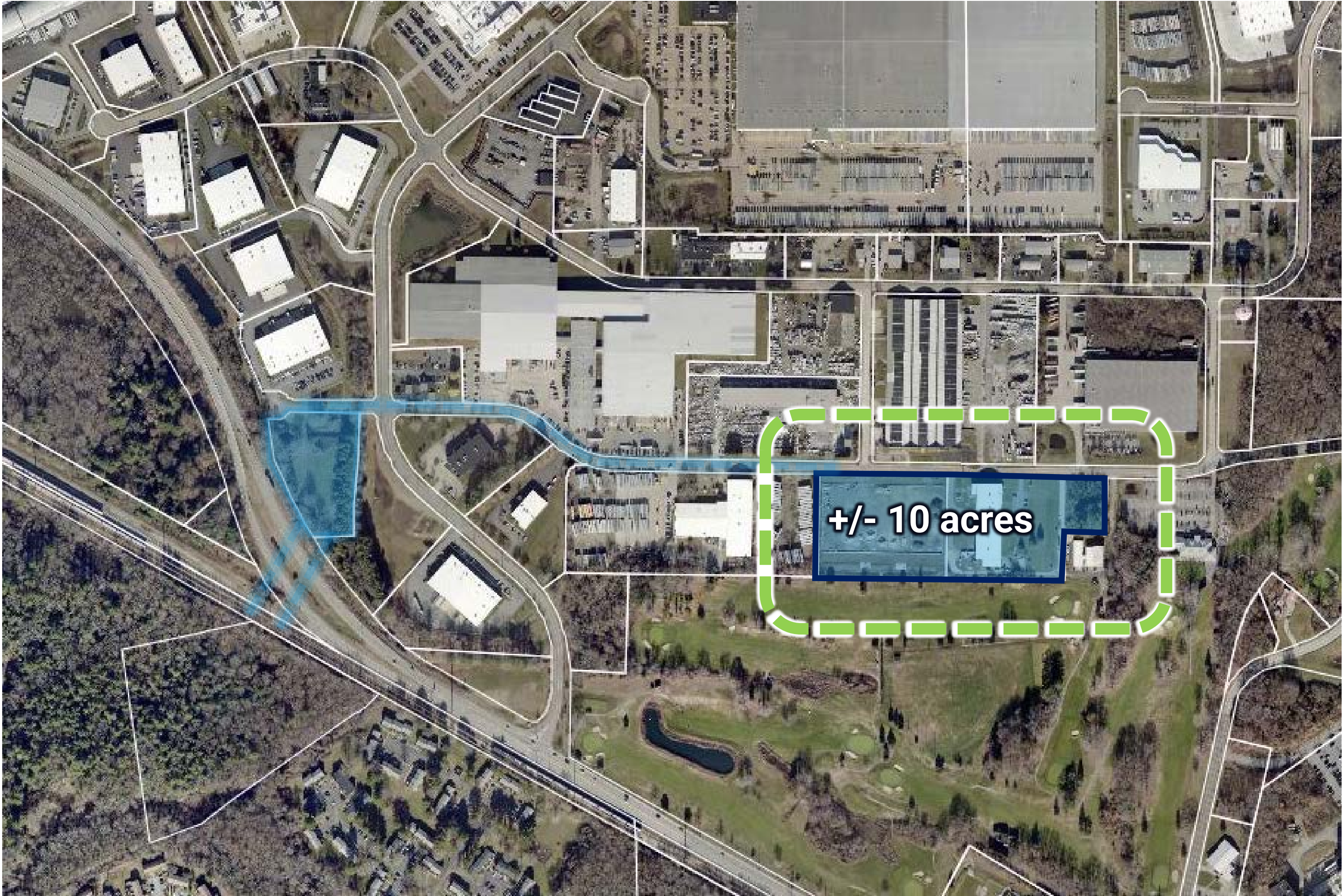
Project Location



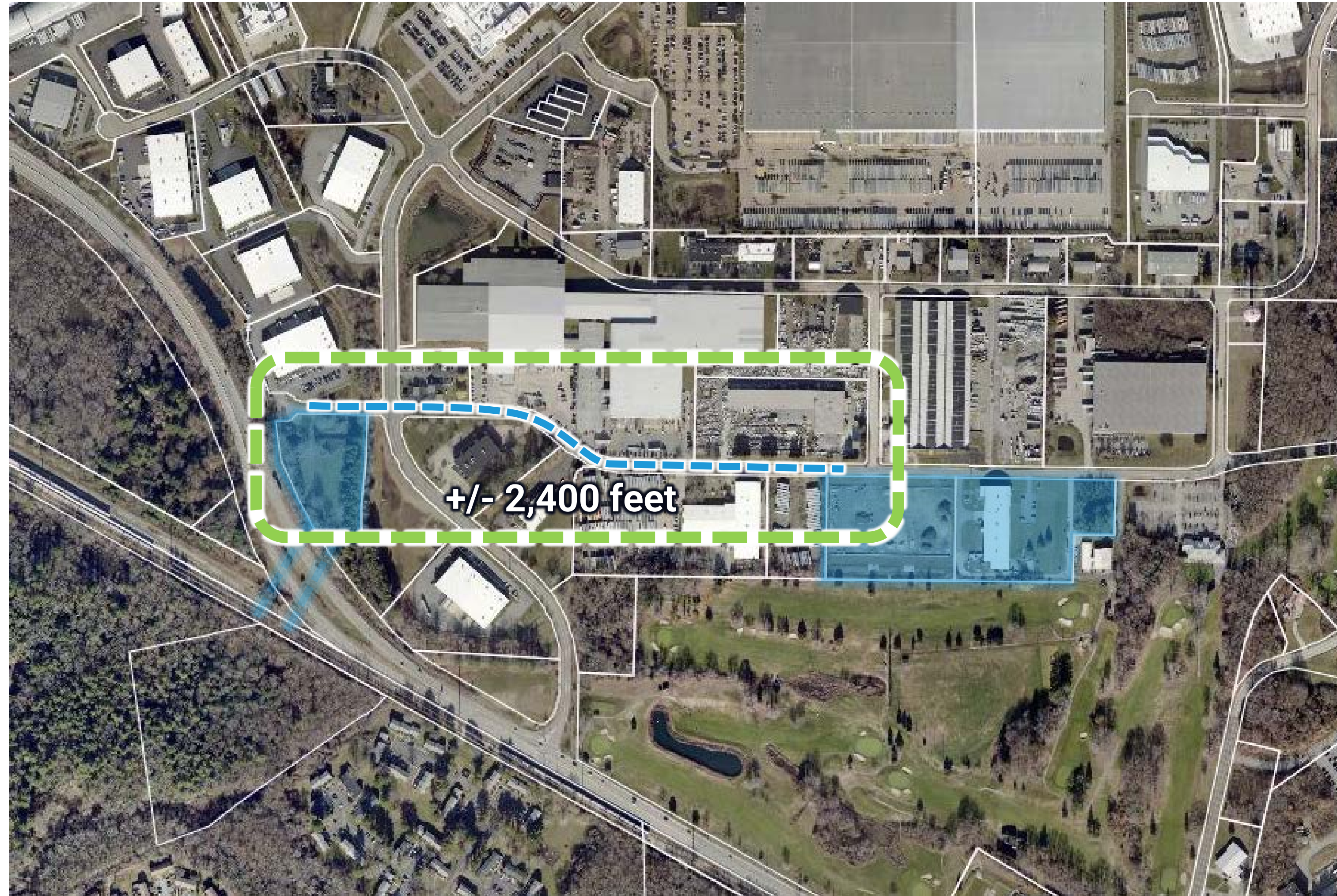
Project Components



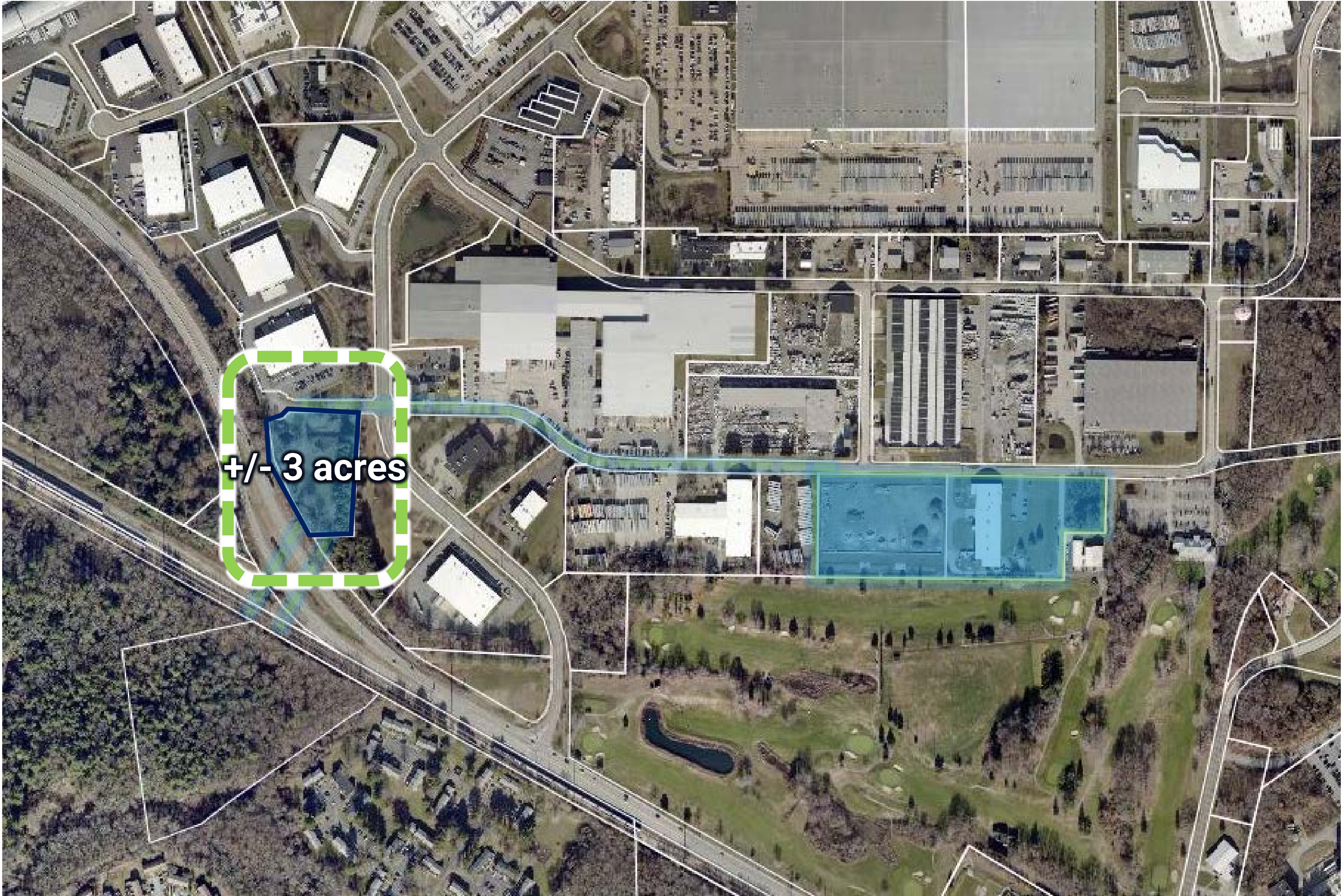
Energy Storage System & Substation



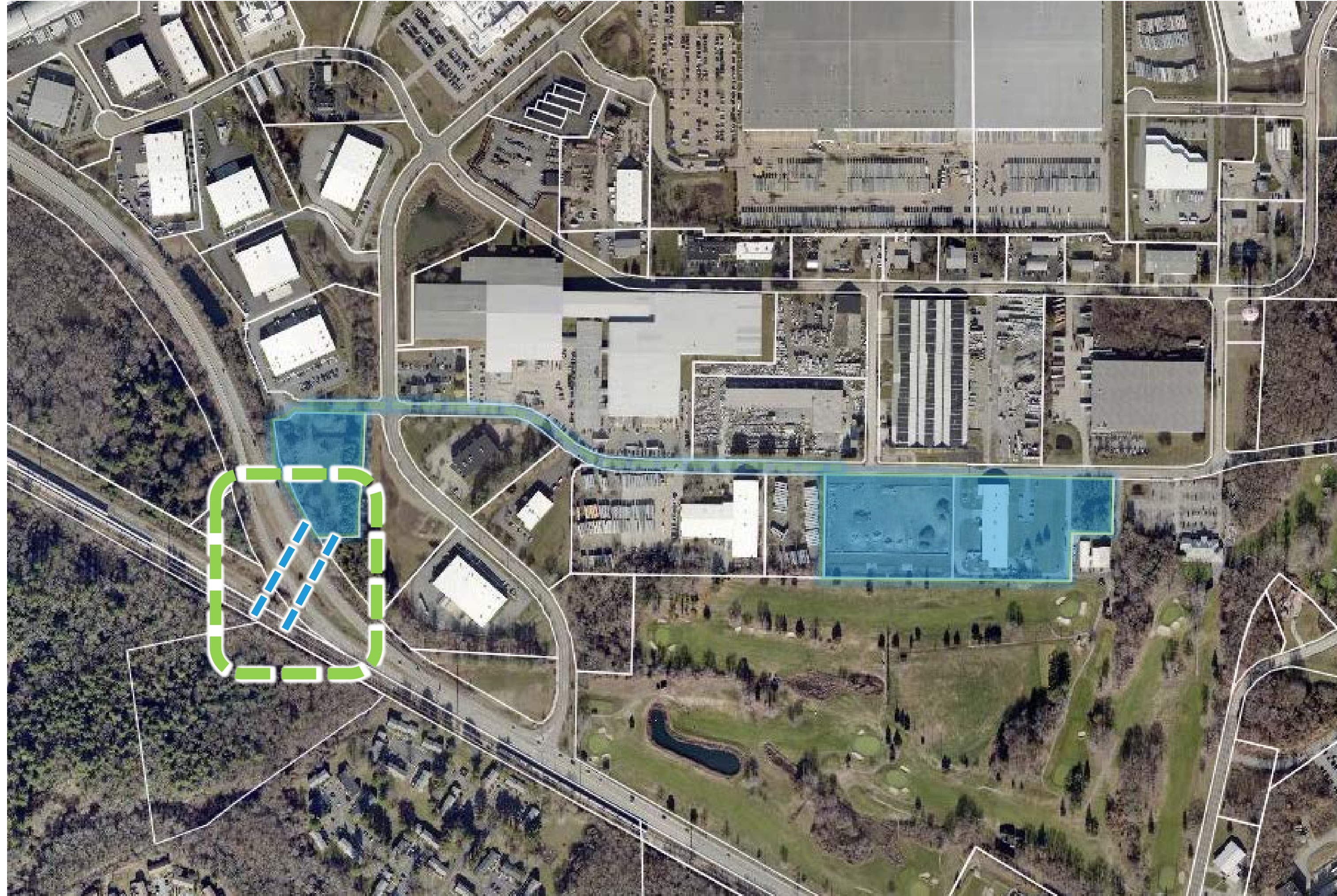
Underground Gen-Tie Line



Switchyard



Overhead Loop Lines



New Town of North Kingstown Fire Station



Addressing Possible Impacts

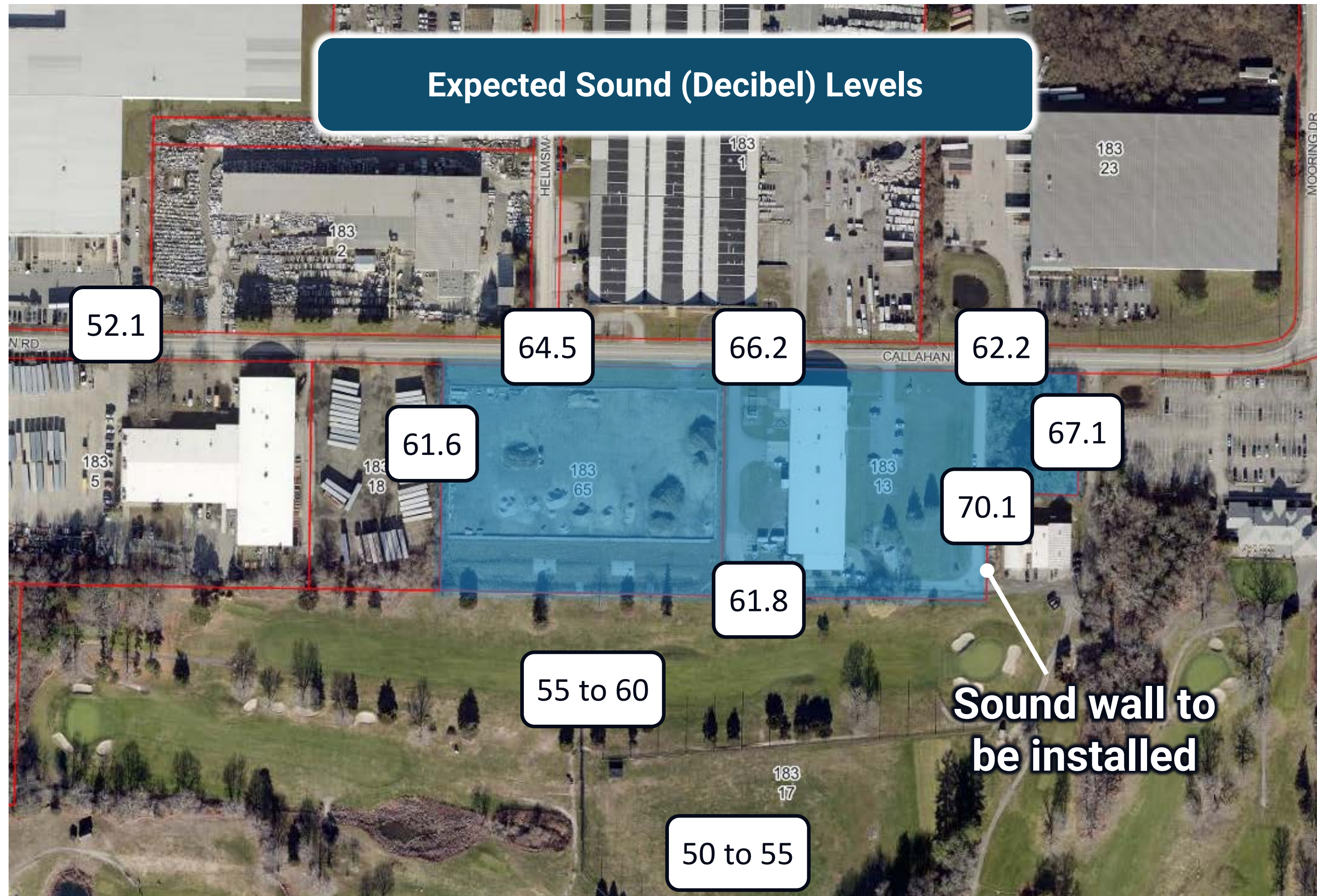


What Does It Look Like?

Rendering of Callahan Road View
by Environmental Design Research



What Does It Sound Like?



Average Decibels	Equivalent Sounds
30 dB	Leaves rustling, soft music, whisper
40 dB	Average home noise
50 dB	Quiet refrigerator
60 dB	Normal conversation, background music
70 dB	Office noise, inside a car at 60 mph
75 dB	Vacuum cleaner, average radio

Source: webmd.com

Assessment by Noise Control Engineering

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Designed with Safety in Mind

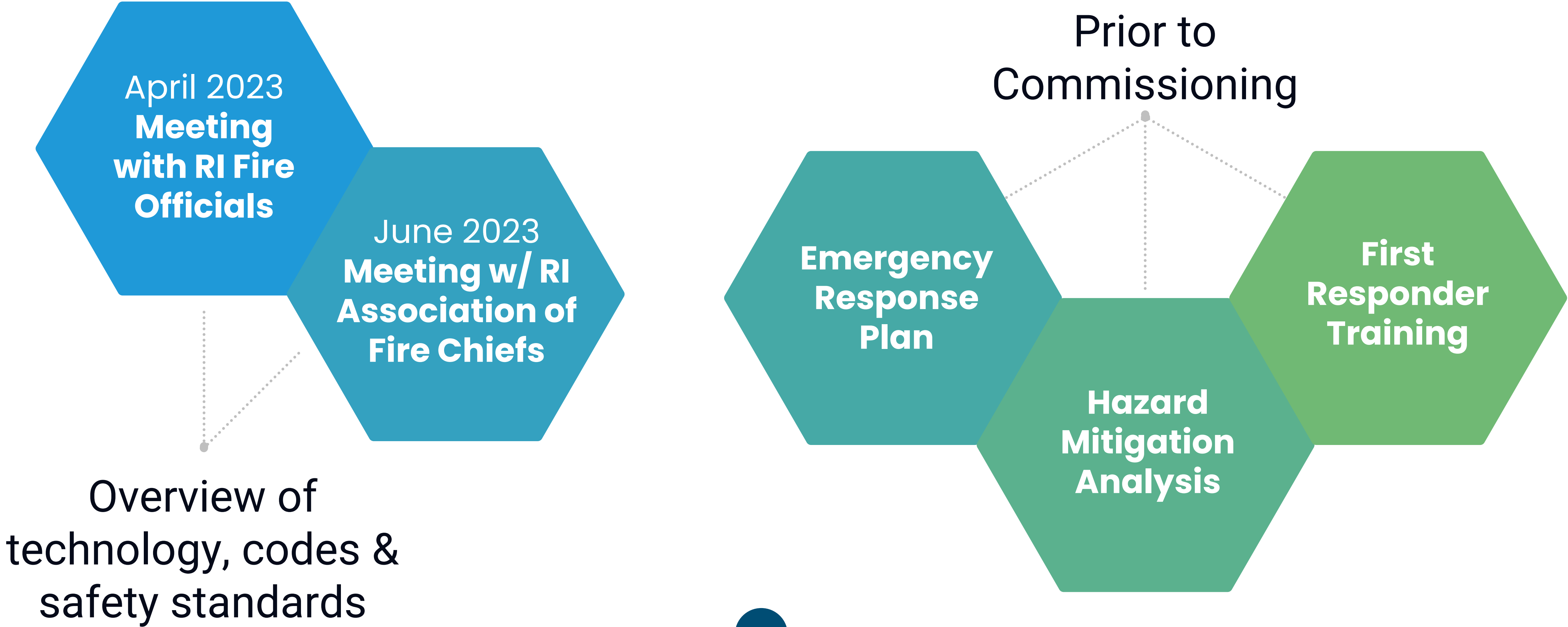
Site Layout:

- ★ Site Security: 8' fencing, access control and camera systems
- ★ Physical separation of battery units
- ★ Use of clearance and perimeter setbacks
- ★ First Responder station & control house
- ★ First Responder access throughout the site

Controls & Monitoring:

- ★ Integrated Battery Management System (BMS)
- ★ Early detection & hazard mitigation systems
- ★ 24-hour remote monitoring for alarms & controls

Purposeful Planning for Emergency Response



Designed with Safety in Mind

Smoke Detector
Gas Detector
Gas Ventilation
Exhaust



Temp Detector
Aerosol Bottle

HVAC

HVAC

BMS Top Level

Gas
Ventilation
Intake

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Energy Facility Siting Board (EFSB)



The State of Rhode Island's licensing and permitting authority for the **siting, construction, or alteration** of **major energy facilities**



EFSB Public Process



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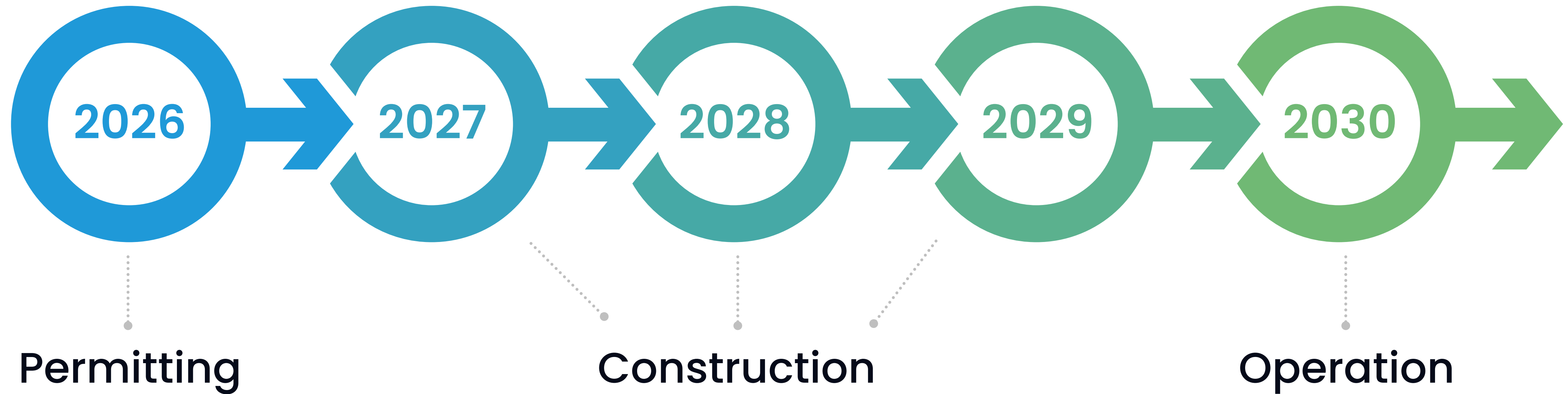
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Communication Plan

www.quonsetenergystorage.com



Detour Signs & Message Boards

Project Website Updates

Sign-Up for Notices about Construction Activities

Staffed Field Office





Closing

Submit Your Questions



Stay in Touch



Project Website

www.quonsetenergystorage.com



QDC Project Updates



Virtual Meeting
May 12, 2026

*Link to be posted on project website
Same content as today*