

NYACK PUBLIC SCHOOLS

Projects Status Update

March 5, 2024



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AGENDA

- Project Schedules
- High School Site and Window Replacement
- District Wide Air Conditioning
- Middle School/ District Office Site Improvements
- Professional Learning Center Roof Replacement
- Upper Nyack Elementary School Roof
- NYSERDA Grant Opportunity

PROJECT SCHEDULES

	2021				2022				2023				2024				2025			
PROJECT	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
High School Site and Window Replacement																				
District Wide Air Conditioning Project																				
PLC Roof Replacement																				
Upper Nyack Elementary School Roof Study																				

* Project Schedules are based on best estimates of required time for each phase of work and are subject to fluctuation due to approvals from outside entities and lead times for construction procurement.

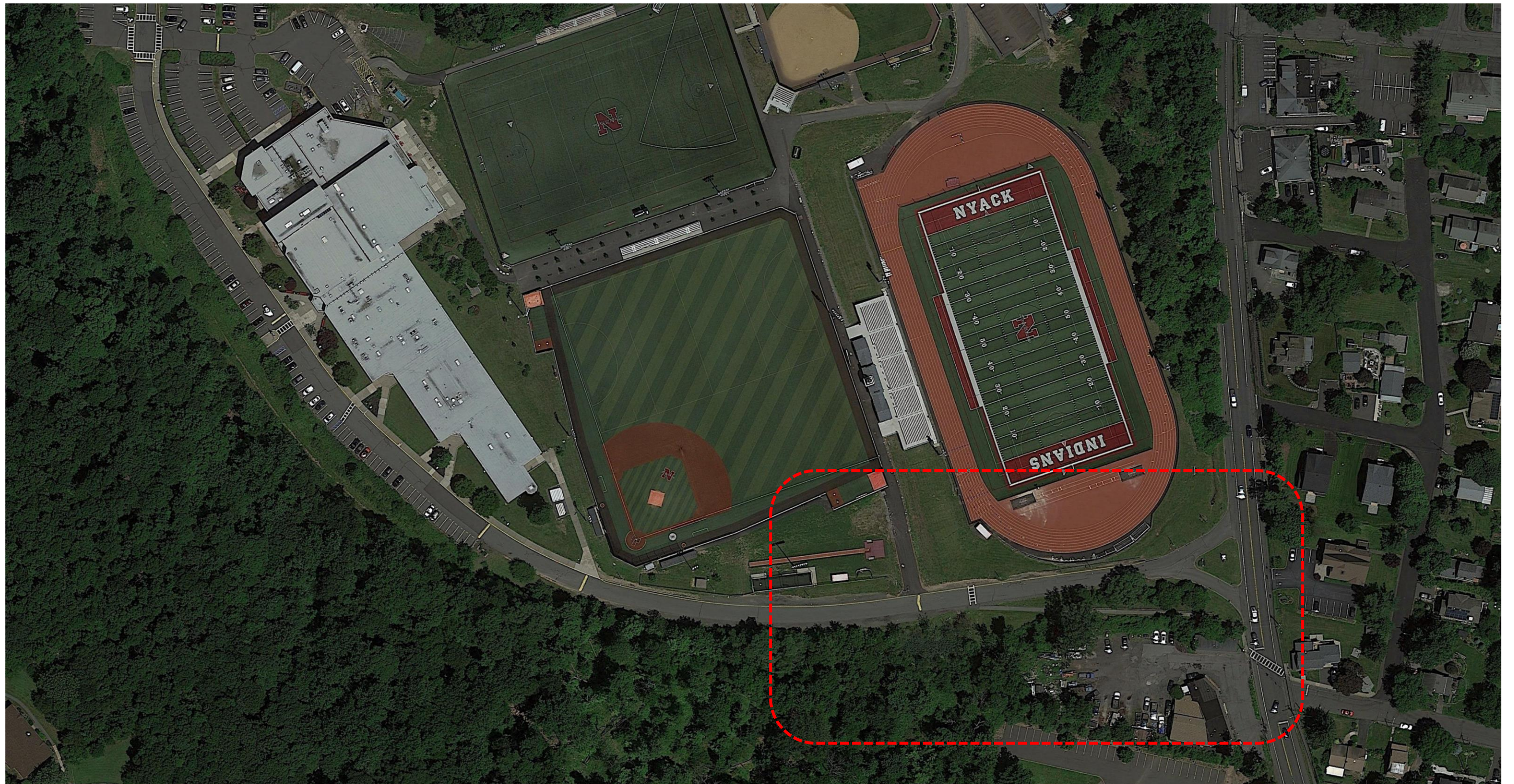
HIGH SCHOOL SITE & WINDOW REPLACEMENT

HIGH SCHOOL SITE & WINDOW REPLACEMENT

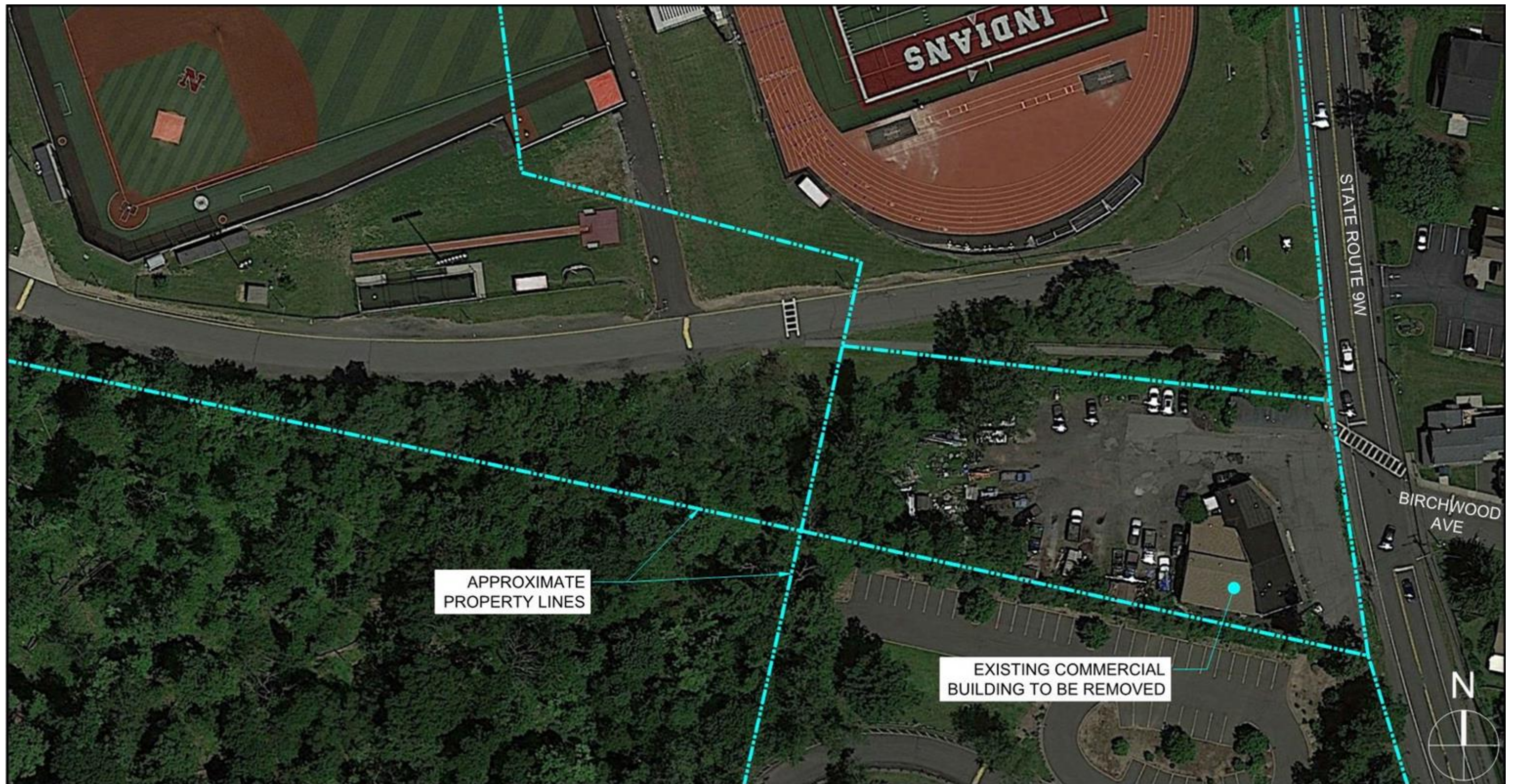
In early 2021 the District acquired the property south of the High School in order to realign the existing High School driveway leading to Route 9W with the existing traffic light and Birchwood intersection, and to create a new parking lot adjacent to the football field. The new parking lot will incorporate numerous sustainable features and the project will increase pedestrian safety at the crosswalk across 9W.

NYSDOT is requiring updates be made along 9W at the proposed new intersection including a new 4-way traffic light; a new left-turn lane from northbound 9W and associated road widening; and ADA features at the pedestrian crossings.

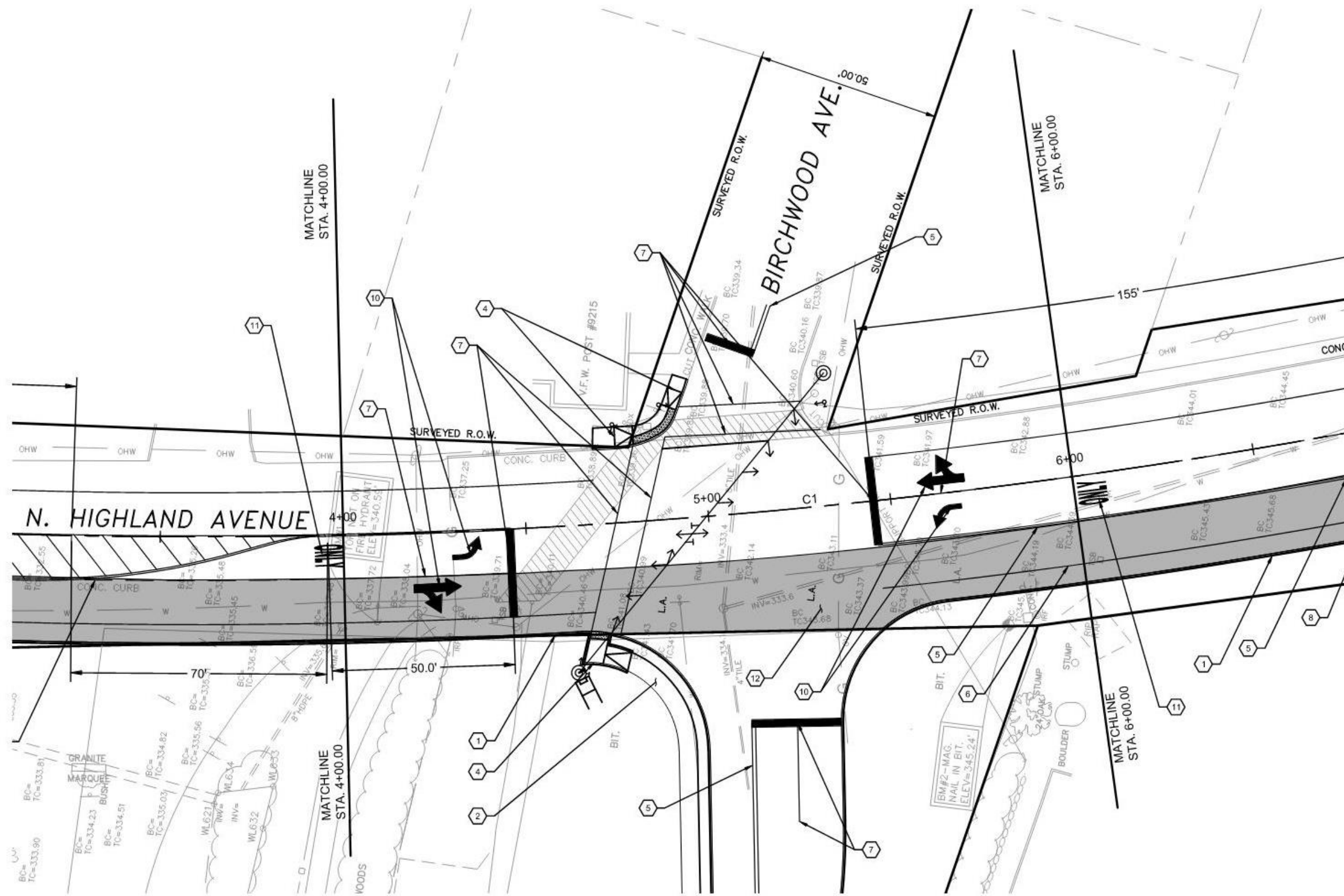
Cafeteria windows at the High School will be replaced as part of the scope of this project.



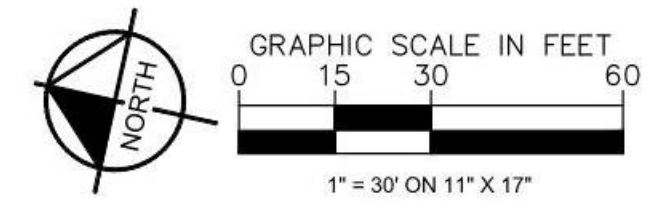
HIGH SCHOOL SITE IMPROVEMENTS – EXISTING



HIGH SCHOOL SITE IMPROVEMENTS – EXISTING



KEY NOTES	
1	CONCRETE CURB, TYP. (SEE DETAILS) (NYS DOT ITEM NO. 609.0403) (TYPE M6)
2	CONCRETE SIDEWALK, TYP. (SEE DETAILS) (NYS DOT ITEM NO. 608.01010)
3	CONNECT TO EXISTING PAVEMENT, SIDEWALK, CURB, TYP.
4	ACCESSIBLE CURB RAMP TYPE 4 (NYS DOT ITEM NO. 608.01050415) TO BE VERIFIED IN FIELD*
5	SOLID YELLOW DOUBLE LINE (NYS DOT ITEM NO. 685.1202)
6	SOLID YELLOW LANE LINE (NYS DOT ITEM NO. 685.1202)
7	SOLID WHITE LANE LINE (NYS DOT ITEM NO. 685.1102)
8	SOLID WHITE DOTTED LANE LINE (NYS DOT ITEM NO. 685.1102)
9	CROSS HATCHED ISLAND (NYS DOT ITEM NO. 685.1202, SEE NYSDOT STANDARD SHEET 685-01)
10	WHITE REFLECTORIZED PAVEMENT SYMBOLS (NYS DOT ITEM NO. 685.3404)
11	WHITE REFLECTORIZED PAVEMENT LETTERS (NYS DOT ITEM NO. 685.3304)
12	FULL DEPTH ROADWAY RECONSTRUCTION (SEE DETAILS)



ROUTE 9W SITE IMPROVEMENTS – PROPOSED

HIGH SCHOOL SITE & WINDOW REPLACEMENT

SED Third Party Review Sign-Off..... December 10, 2021

SED Additional Comments Received..... December 15, 2021

Tree Demolition..... February 2022

Demolition of Existing Buildings..... March – April 2023

KG+D worked with SED to break this portion of the work out separately from the remainder of the project.

DOT Conceptual Approval..... April 2023

SED Approval April 25, 2023

DOT Meetings..... May 8; September 7; October 11, 2023

Final Review with District Stakeholders..... October 10, 2023

Construction Phasing Planning Meeting..... November 15, 2023

DOT Submission (Phase 2)..... January 17, 2024

HIGH SCHOOL SITE & WINDOW REPLACEMENT

DOT Approval (Phase 2).....	April 2024
Bidding: Site Work and Window Replacements.....	April – May 2024
Site Work and Window Replacements Award.....	June 2024
Construction.....	Summer 2024 – Fall 2024

DISTRICTWIDE AC PROJECTS



DISTRICT WIDE AC PROJECTS

Air quality and air conditioning was the top concern of our families as a result of the school community ThoughtExchange.

New air conditioning systems are proposed for major spaces including all school cafeterias and Global Learning Commons (Libraries). In this phase of the air conditioning project, the following spaces will be addressed:

- Nyack Middle School – Cafeteria
- Liberty Elementary School – Cafeteria and Global Learning Commons
- Upper Nyack Elementary School – Cafeteria and Global Learning Commons
- Valley Cottage Elementary School – Cafeteria and Global Learning Commons

DISTRICT WIDE AC PROJECTS

SED Approval.....	July 27, 2022
Orange & Rockland Utilities Communication*.....	May 2022 – January 2024
Bidding*.....	November – December 2023
Project Award.....	January 2024
Construction.....	Summer 2024 – Summer 2025

Summer 2024 Work: LES GLC, LES Cafeteria and Music Room, MS Cafeteria, UNES Cafeteria

2024 – 2025 School Year: VCES GLC Unit Ventilator Replacement (does not include A/C at this time)

Summer 2025: VCES GLC, VCES Cafeteria, UNES GLC

** Difficulties with getting information from O&R delayed the bid period to the point where it was decided to bid the project without full O&R approval. Since that time, O&R has conceptually approved the project and will review final documents as they are submitted by the contractors.*

MIDDLE SCHOOL / DISTRICT OFFICE SITE IMPROVEMENTS

MS / DO SITE IMPROVEMENTS

As a result of the sale of Nyack College, the District has lost the ability to park on the campus property. Currently, families cannot attend significant events in-person at Nyack Middle School due to a lack of parking (i.e. Back to School Night, Parent/Teacher conferences, concerts and performances, etc.).

The District no longer has access to the former Nyack College driveway during arrival and dismissal causing traffic congestion during those times.

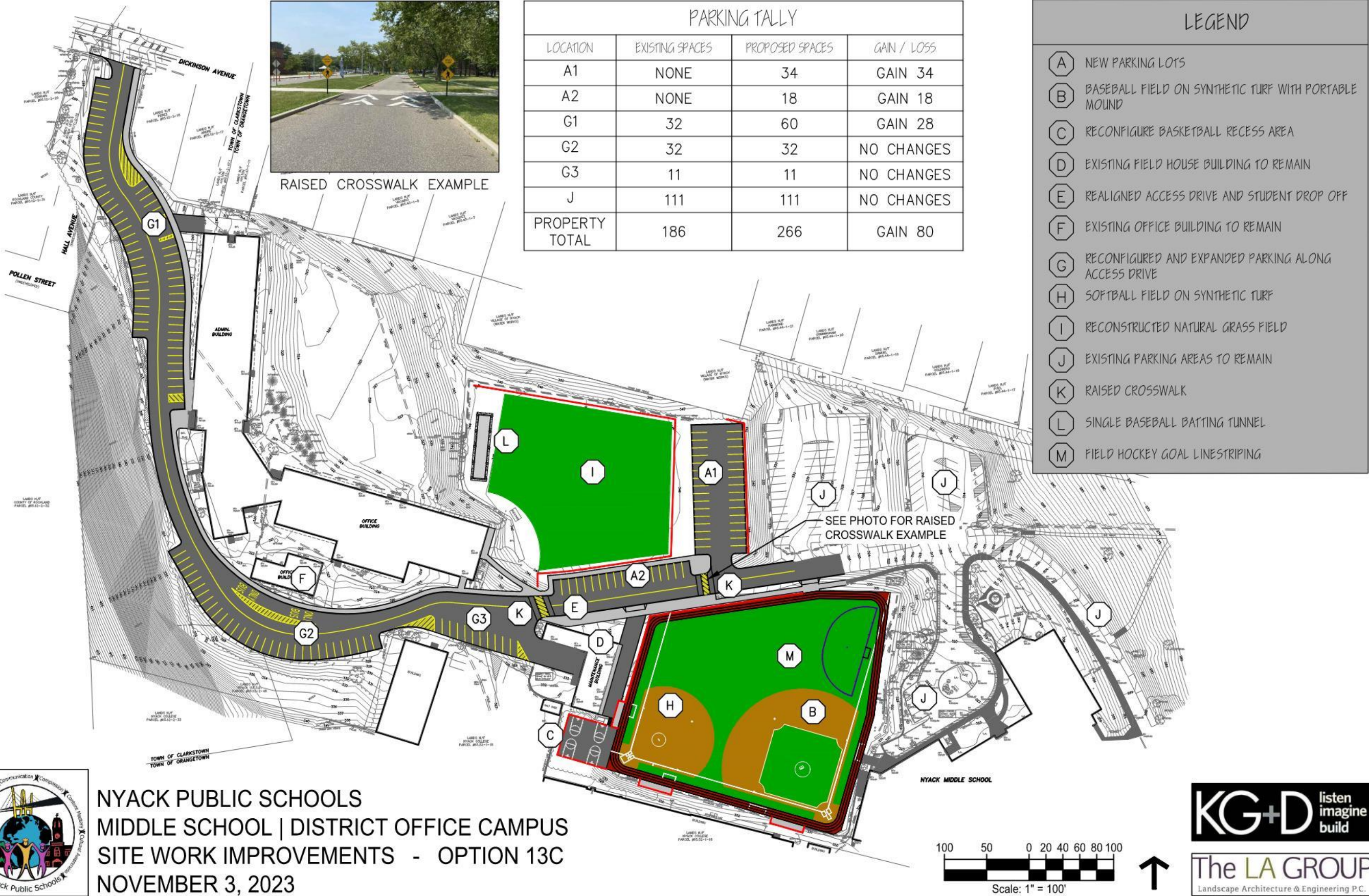
Currently, students walk along a grass area at the Dickinson Ave entrance. The addition of a sidewalk would create a safe path to the crossing guard and to the entrance of the Nyack Middle School, reducing the probability of accidents involving our students.

Students cannot access our recess field during the winter months due to snow and ice. Students remain inside and cannot exercise and maintain a healthy lifestyle. The current pandemic has revealed the importance of allowing students access to fresh air and exercise.

MS / DO SITE IMPROVEMENTS

This project is intended to address District concerns about site egress, parking, access to fields, and pedestrian safety. The project will both increase the number of and improve the quality of playfields on the site. It will reorganize the existing parking lot and roadway between the District Office and the Middle School to maximize parking and provide safer conditions for pedestrians traversing the site.

MS / DO SITE IMPROVEMENTS



MS / DO SITE IMPROVEMENTS

- Construction Documents..... March – July 2024
- SED Submission.....August 2024
- SED Approval (Anticipated)..... February 2025
- Bidding..... March 2025
- Award..... April 2025
- Construction.....Summer – Fall 2025

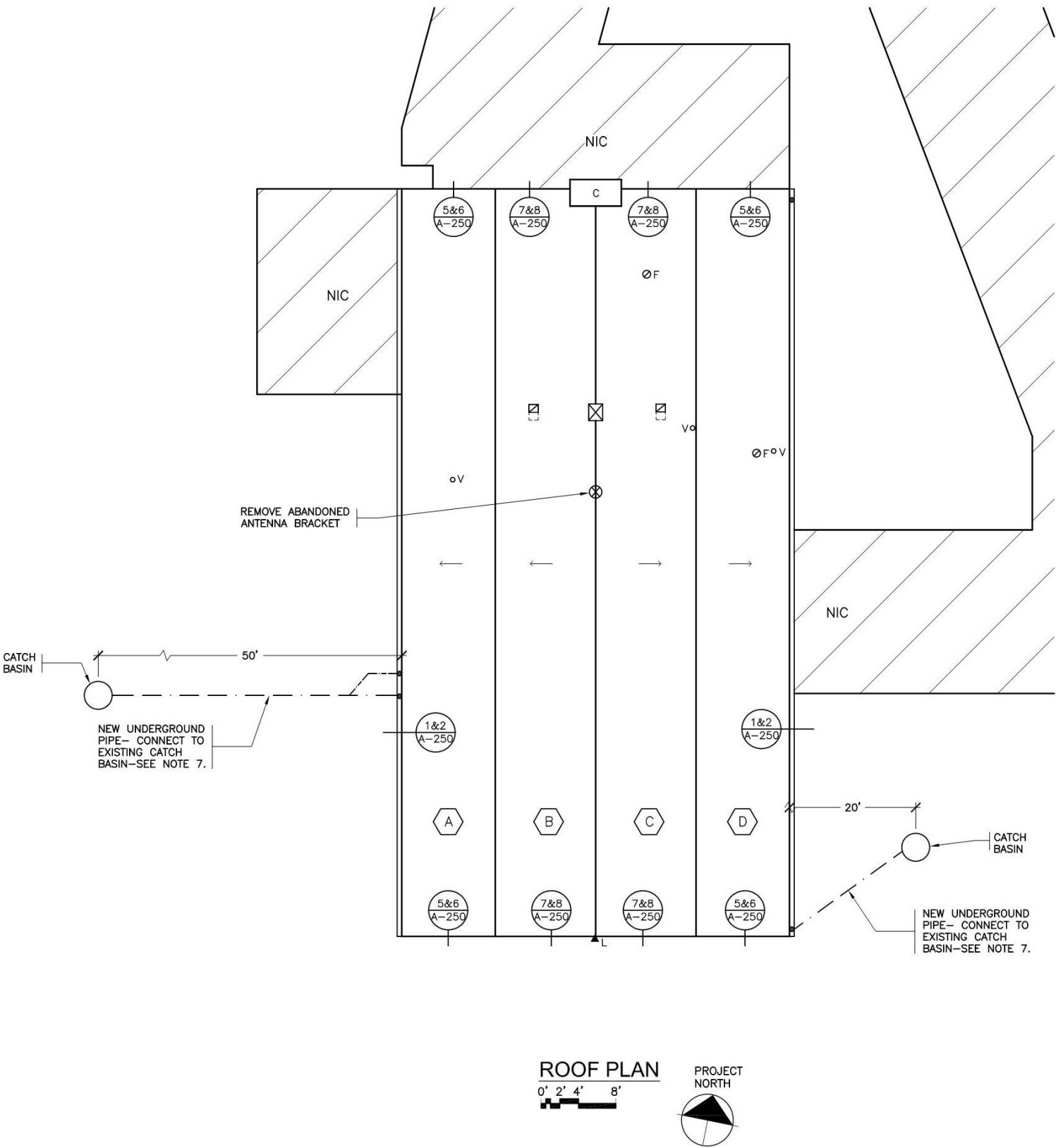
PROFESSIONAL LEARNING CENTER ROOF REPLACEMENT

PROFESSIONAL LEARNING CENTER ROOF REPLACEMENT

This project will replace an aging roof at the Professional Learning Center and address related issues along the building exterior including masonry repairs and drainage.

Budget Vote	May 2023
SED Submission.....	October 2023
SED Approval (Anticipated).....	May 2024
Bidding & Award.....	August – October 2024
Construction.....	Fall 2024

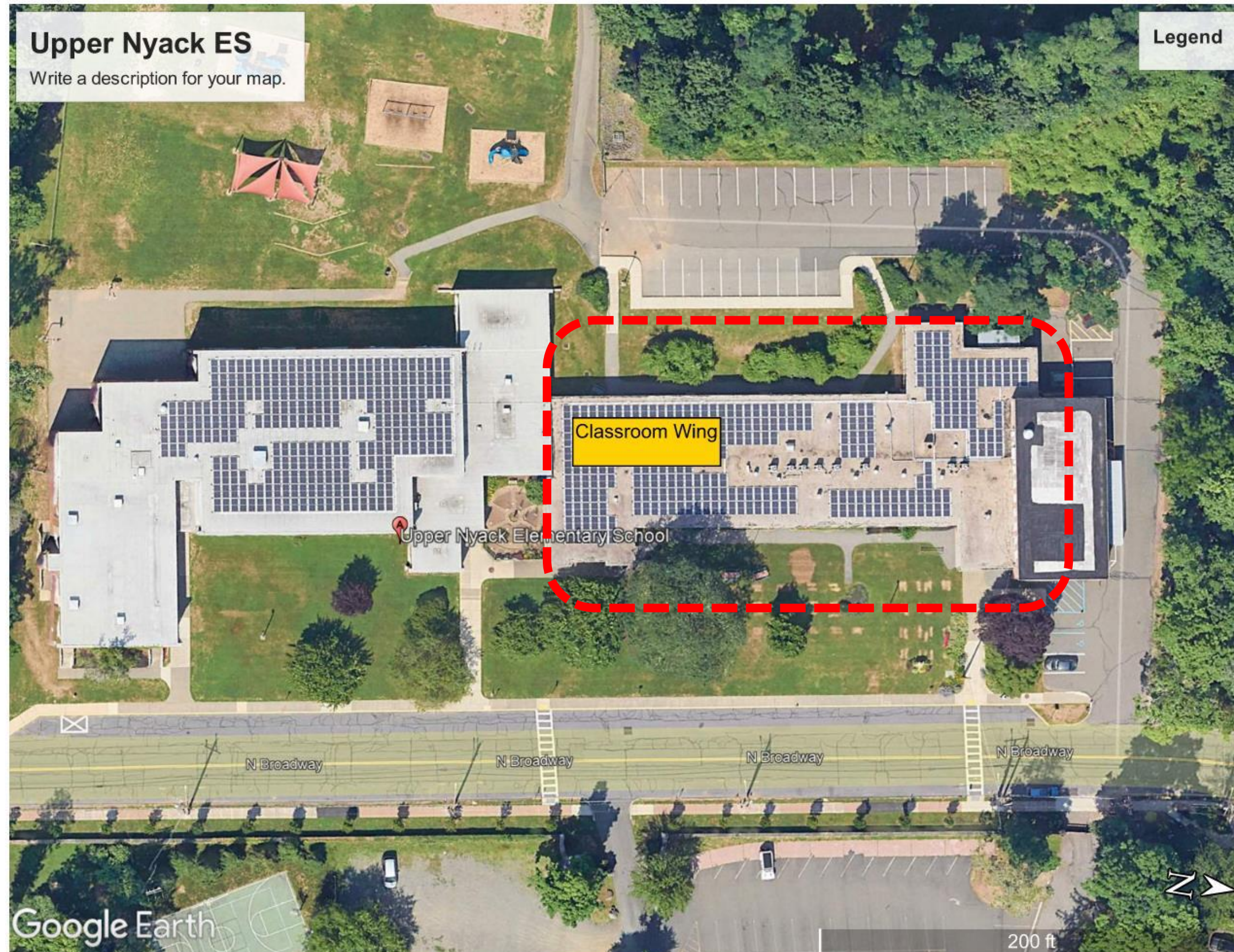
PROFESSIONAL LEARNING CENTER ROOF REPLACEMENT



UPPER NYACK ELEMENTARY SCHOOL ROOF



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UPPER NYACK ELEMENTARY SCHOOL ROOF

This project will address issues related to the existing condition of the classroom wing roof and leaks that are impacting the interior environment of the school. This study will focus on two outcomes for work – (1) immediate next steps for repair work and (2) a long-term proposal for remediation.

As a result of this study, the design team identified **short-term improvements** including:

- Sealing in areas prone to water infiltration
- Keeping drains clean and clear
- Re-flashing in select areas
- Repairing visible cracks

For a **long-term solution**, the report recommends replacing the classroom wing roof as soon as practical. This will require removing and resetting the existing photo-voltaic panels.

UPPER NYACK ELEMENTARY SCHOOL ROOF

Fastest Possible Track (Emergency Basis):

- Design..... March – April 2024 (4-8 Weeks)
- NYSED Permitting (Emergency Basis)..... May – November 2024 (7 Months)
- Bidding + Award.....May – June 2024 (2 Months)
- Construction..... Summer 2024

Standard Track:

- Design..... May – June 2024 (4-8 Weeks)
- NYSED Permitting (Emergency Basis)..... June 2024 – January 2025 (7 Months)
- Bidding + Award.....January – February 2025 (2 Months)
- Construction..... Summer 2025

NYSERDA – New York State Energy Research & Development Authority



NYSERDA

REDUCE

INCREASE

ACHIEVE

INVEST

nyserderda.ny.gov/p-12-clean-green-schools

Clean Green Schools

Pre-kindergarten through 12th Grade Schools Initiative



\$59 MILLION **CLEAN GREEN** **SCHOOLS INITIATIVE**

Supporting **Over 500** Pre-K-12 schools in
NY's underserved communities

The goal of NYSERDA's Clean Green Schools Initiative is to help public schools that traditionally lack resources to invest in infrastructure improvements become healthier, more productive learning environments. The P-12 Clean Green Schools Initiative aims to improve the environmental sustainability of those schools by reducing school energy loads, decarbonizing their building portfolio, improving indoor air quality (IAQ) and providing clean energy educational opportunities. A portion of this program is being funded through the historic \$4.2 billion [Clean Water, Clean Air and Green Jobs Environmental Bond Act of 2022](#).

Projects Eligible for Funding Include:

- Clean Heating and Cooling Projects
 - Ground Source Heat Pump (GSHP)
 - Air Source Heat Pump (ASHP)
 - Variable Refrigerant Flow (VRF)
- Capital Projects to Move Towards Decarbonization
 - Comprehensive retrofits to reduce energy consumption
 - Electrification of building systems
 - Building electrification readiness projects



- \$650,000 Grant Money Available to Nyack Public Schools
- Eligible Activities Include:
 - Engineering & Architecture Services
 - Energy Benchmarking
 - Clean Heating & Cooling Studies
 - Sustainability & Resiliency Studies
 - Clean Transportation Studies
 - Indoor Air Quality Evaluations
 - On-Site Energy Manager Activities
 - Clean Energy Profession Development
- Rolling Application Process



- Up to \$10,000,000 Grant Money Available to Nyack Public Schools
- Intended for Construction of Projects Identified in Track I
- Ineligible Projects Include:
 - System conversion to fossil fuel
 - System replacements to new fossil fuel equipment
- Competitive Application Process, with a Submission Deadline





Thank you