

Northern Bus Garage Reconstruction Project

Winter Community Update
Meeting

January 26, 2023



This meeting is being recorded

Meeting Etiquette (In-Person)

Metro wants to hear from you. Here are a few guidelines to keep this meeting productive and to maintain respect for all participants:

- You will have an opportunity to ask questions following each section of the presentation.
- To ensure we hear from as many community members as possible, please adhere to the Q&A protocol:



Raise your hand if you'd like to ask a question



Speak clearly into the microphone



Allow presenters, and those speaking, to finish

- When speaking:
 - Maintain a civil tone
 - Be mindful of time so that your fellow community members can share their feedback

Anyone in violation of the meeting etiquette guidelines will be muted for the duration of the meeting.

Meeting Etiquette (Virtual)

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Request to speak by typing your name in the chat



Type questions directly into the chat



Use the raise hand feature in Zoom

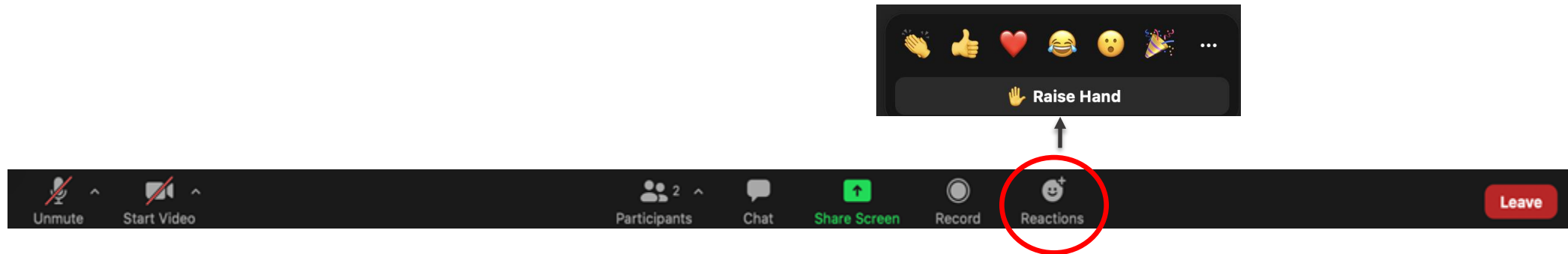
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Raise Hand Feature

To ensure we get to as many people as possible, we ask that you use the raise hand feature.

- You can find this feature in your Zoom toolbar in the “Reactions” section. We will call on those to speak in the order they appear.
- To raise your hand while dialing in, press *9



Agenda

- ❑ Introductions
- ❑ Metro's Zero Emission Bus Update
- ❑ Project Overview and Construction Updates
- ❑ Environmental Management Update
- ❑ Art in Transit Update
- ❑ What to Expect for Early 2023

Introductions

Northern Bus Garage Reconstruction Project

Project Team

- ❑ Diana Levy, Director, Capital Delivery WMATA
- ❑ Maya Nino, Senior Program Manager, Capital Delivery WMATA
- ❑ Phil Sheridan, Clark Construction
- ❑ Jim Ashe, Environmental Coordinator WMATA
- ❑ Laurent Odde, Program Manager, Art in Transit
- ❑ Amy Mesrobian, Director, Zero-Emission Vehicles WMATA

Metro's Zero-Emission Bus Update

Northern Bus Garage Reconstruction Project

Zero-Emission Bus Plans for Northern Bus Garage

- Northern will be a zero-emission bus facility on opening
- The garage is currently being designed and built to accommodate a fleet of up to 150 electric buses
- In addition to the work at Northern, Metro is advancing work to transition its entire bus fleet to zero-emissions



Any Questions?

There are four ways to ask questions



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Project Overview and Construction Updates

Northern Bus Garage Reconstruction Project

Project Events Since the Last Meeting:

Department of Consumer and Regulatory Affairs

- Foundation to Grade Permit – Issued

DC Water

- Large Plan review approved
- Temporary Trailer permits Issued

Construction Contract Executed

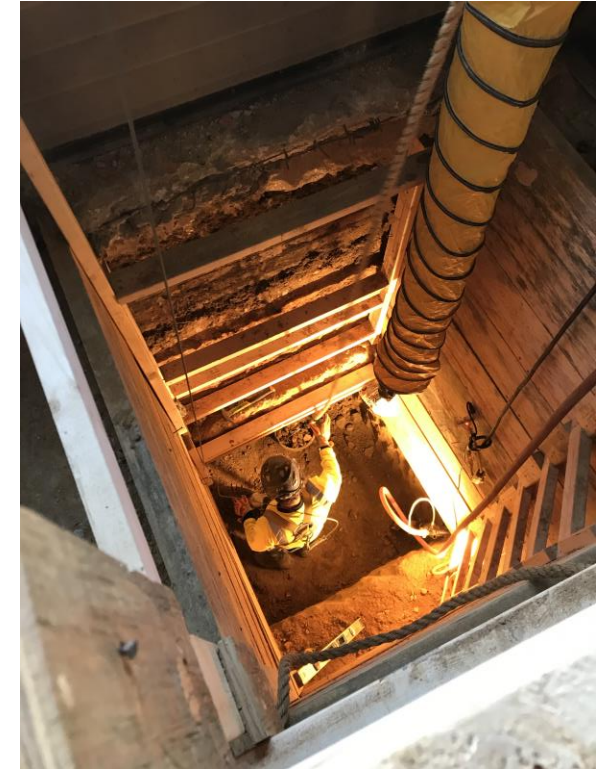
- Phase Two Construction Notice to Proceed issued on October 3, 2022

Progress Since Last Meeting

Construction

Q3 - Started "early enabling" activities in September 2022, which included:

- Preparation for removal of all underground and above ground storage tanks
- Preconstruction surveys



Progress Since Last Meeting

Construction

Q4 – Environmental Remediation

- Completed cleaning of all underground and above ground tanks
- Completed purging of all lines serving tanks
- Started removal of underground and above ground storage tanks
- Started removal of old bus maintenance and service equipment
- Completed Department of Energy and Environment approved Supplemental Site Assessment



Progress Since Last Meeting

Construction

Q4 – Initiated mobilization to the site

- Set up construction fencing, site security and Maintenance of Traffic around perimeter of site
- Set up construction field trailers along Arkansas Avenue
- Completed tree removal

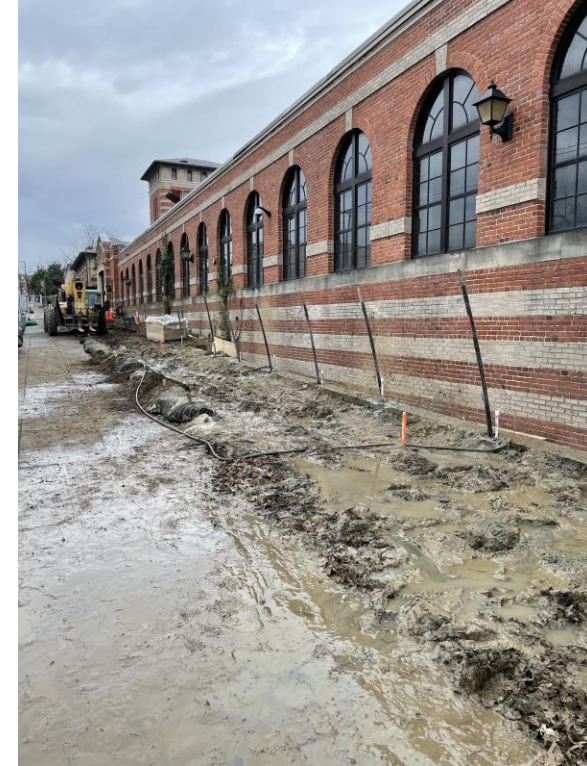


Progress Since Last Meeting

Construction

Q4 – Initiated mobilization to the site

- Started installation of instrumentation equipment and collection of baseline data
- Started foundation installation for façade bracing system
- Ongoing preparation of the site for start of major demolition in Q1 - 2023





Outlook for Q1 2023

Construction

- Complete removal of all underground and above ground storage tanks
- Complete removal of old bus maintenance and service equipment
- Continue preconstruction surveys
- Complete installation of instrumentation equipment and collection of baseline data
- Complete re-support of the historic tower
- Begin installation of façade bracing support steel
- Start major demolition

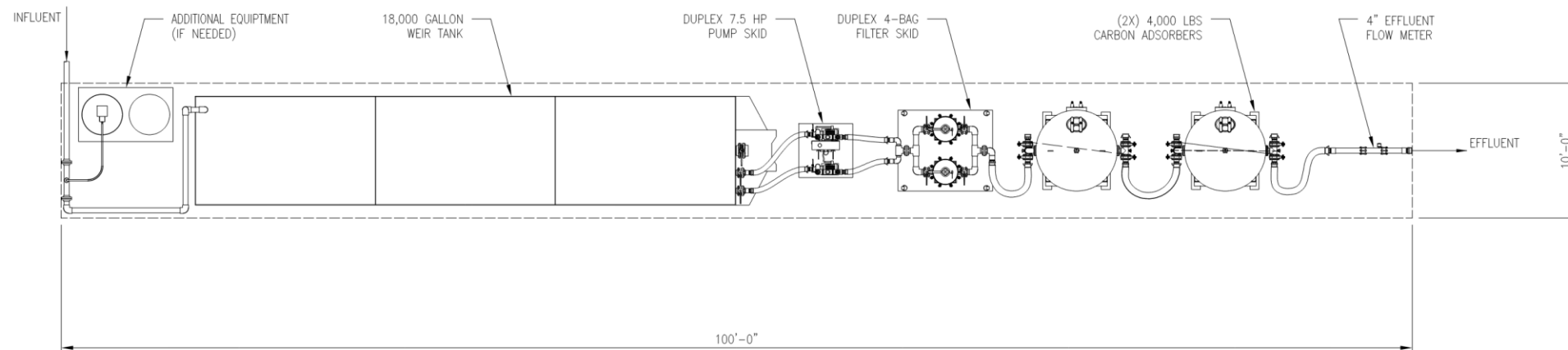
Agency Collaboration & Permitting Status

Agency	Status
Department of Consumer and Regulatory Affairs (DCRA)	• Foundation to Grade permit – Approved • Building permit submitted – Under review
Washington Gas	• Coordination of new low-pressure service ongoing
The District Department of Transportation (DDOT)	• Traffic signal MOU Executed
DC Water	• New water/sewer plans approved • Temporary water/sewer plans approved
PEPCO	• Temporary service application on Arkansas Avenue approved • Ongoing coordination to finalize new building service application (non- BEB)
Department of Energy & Environment (DOEE)	• Erosion & sediment control plans – approved • Stormwater management plans –approval pending • Finalizing SSA and Remediation Recommendation Report

Storm Water Management Update

Temporary

- Erosion and Sedimentation Controls around site perimeter
- On-site sedimentation and carbon treatment plant
 - Treats all suspended solids and will treat any contaminants above DC Water discharge requirements
 - All flows discharged to DC Water combined sewer
 - Treats flows from dewatering wells, local sumps and collected rainwater and snow melt



TEMPORARY TREATMENT SYSTEM

OVERALL PLAN VIEW

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

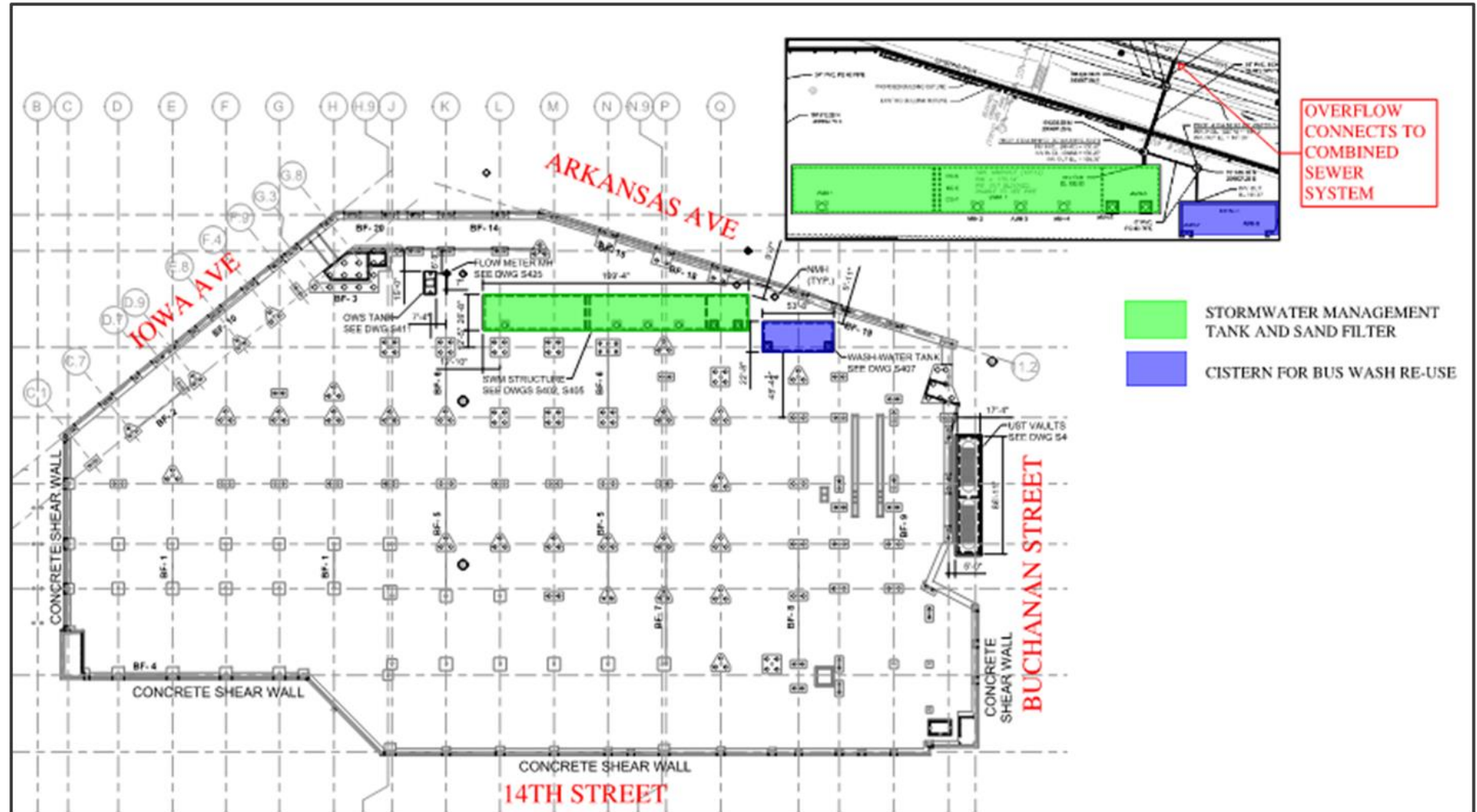
Storm Water Management Update

Permanent

- Main storm water management system consists of a large underground cistern within the building (310,000 Gallon Capacity)
- Recirculation system in place for bus wash water (60,000 Gallon Capacity)
- Additional Best Management Practices associated with street trees, landscaping and permeable pavements

Storm Water Management Update

Permanent

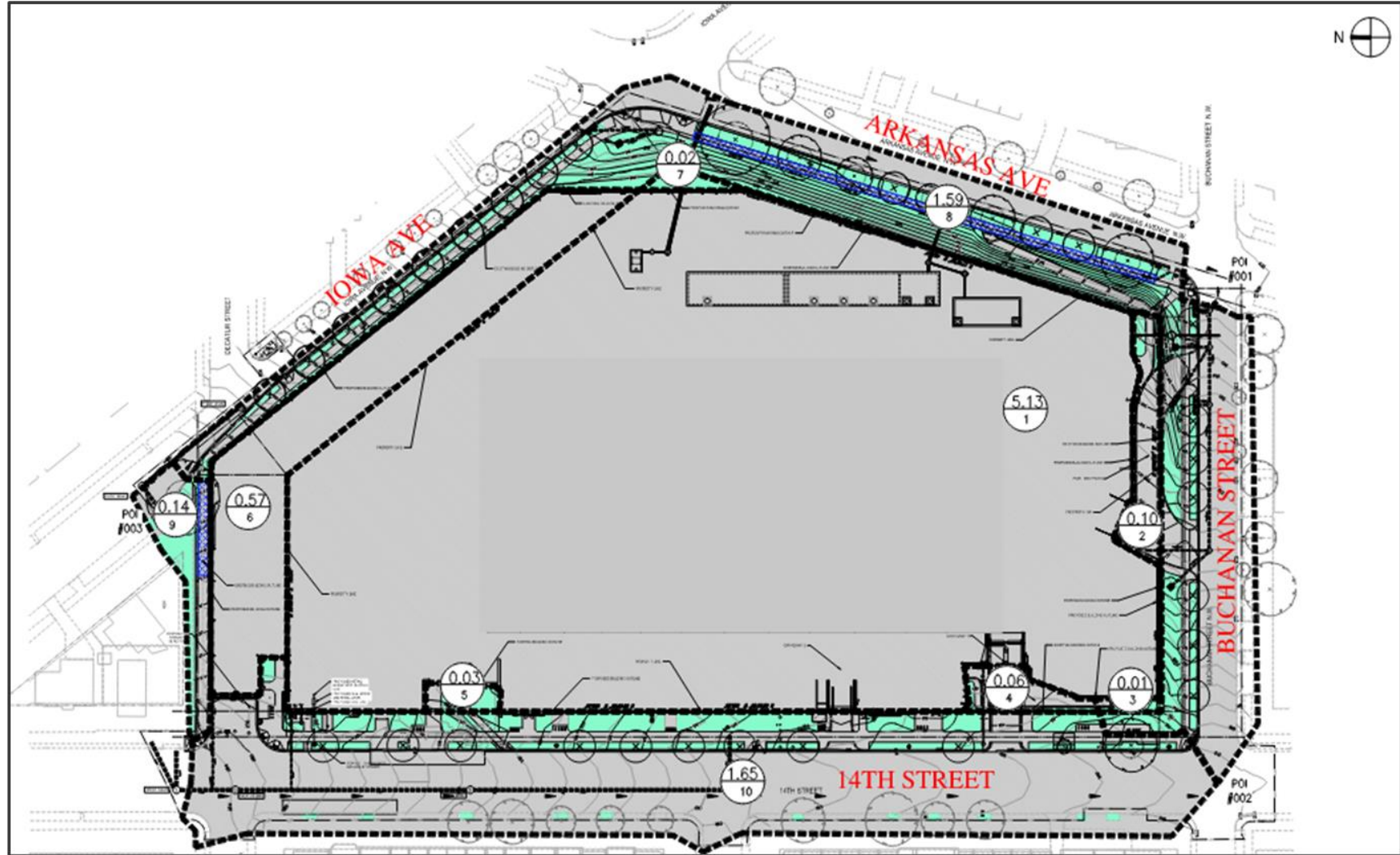


Storm Water Management Update

Permanent

LEGEND

- LOD — LIMITS OF DISTURBANCE
- — — SITE DRAINAGE AREA (SDA) DIVIDE
- ⊙ EXISTING TREE TO REMAIN
- ⊕ PROPOSED TREE
- COMPACTED AREAS
- IMPERVIOUS AREAS
- PERMEABLE PAVEMENT BMP
- AAA SITE DRAINAGE AREA IN ACRE
- B SITE DRAINAGE AREA ID. W.



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Preconstruction Survey Update

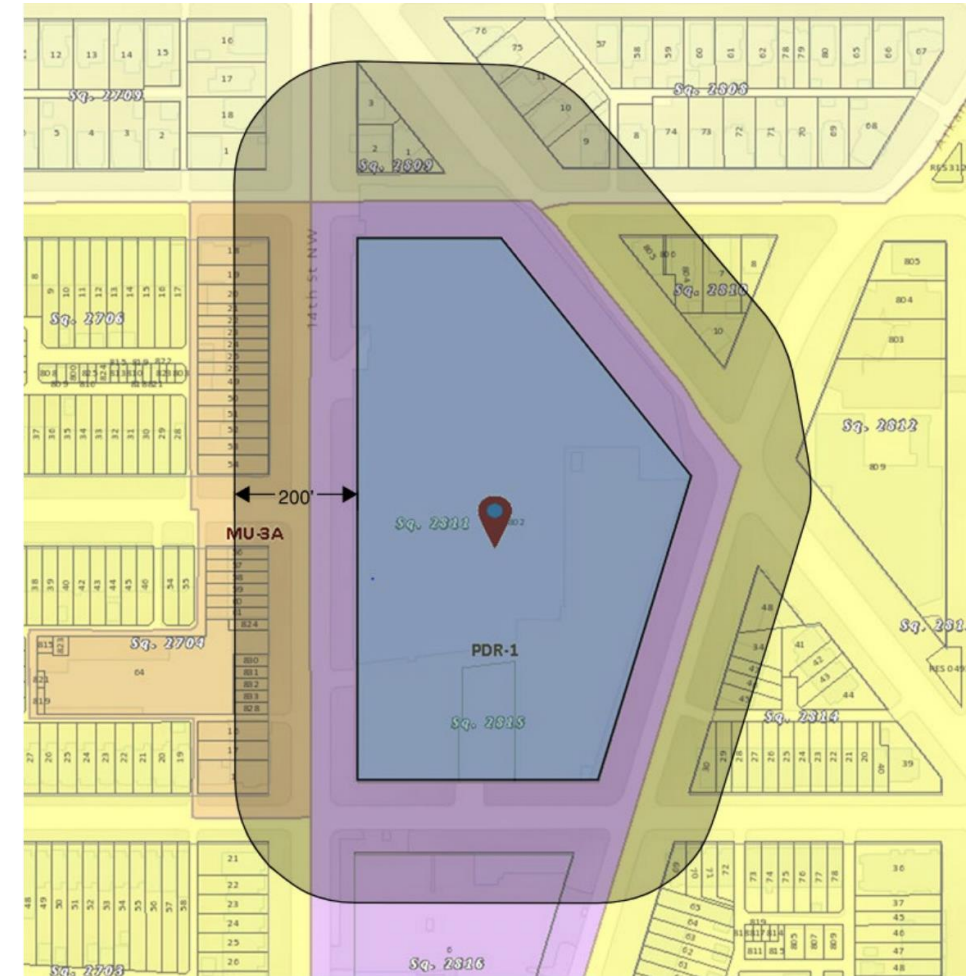
Northern Bus Garage Reconstruction Project

Preconstruction Survey Update

- Certified mailings to property owners were mailed, follow up postcard reminders also sent
- **Still opportunities to sign up for surveys**
- Multiple dates and times to schedule your survey with the engineer are available call TER at **443-221-4493** or email **nbgsurvey@ter-int.com**
- The property owner will receive a copy of the completed pre-construction survey
- The Program only covers properties within 200 feet of the Northern Bus Garage Project site
- Survey Program Informed by the Department of Consumer and Regulatory Affairs and Federal Transit Administration guidelines

Preconstruction Survey Update

- Map shows an overlay with the properties that fall within 200 ft of the proposed new bus garage
- For more detailed information on the preconstruction survey, please visit https://wmata.com/initiatives/plans/northern-bus-garage/upload/Northern_June15_FINAL_Slides.pdf (slides 29 – 33)



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Environmental Management Update

Northern Bus Garage Reconstruction Project

Comprehensive Site Assessment (CSA)

- Plan for additional investigation (petroleum at Arkansas and Iowa Avenues and chlorinated solvents in the southern portion of the garage) submitted in July 2022
- Field work and lab analysis completed in the Fall 2022
- Draft Supplemental Site Assessment submitted to WMATA in December 2022 (under review)
- Final Supplemental Site Assessment will be submitted to DOEE for approval

Remediation Plan Elements

- Task 1: Removal of underground structures and storage vessels (in progress)
- Task 2: Petroleum impacted soil excavation and disposal (future action)
 - 2a. Documented Petroleum-Impacted Soil Area
 - 2b. Other Areas of Impact (if encountered)
- Task 3: Free phase petroleum product removal and disposal (future action)
- Task 4: Dense non-aqueous phase liquids removal and disposal (future action)
- Task 5: Vapor management system (in design)
- Task 6: Sentinel well installation (future action)

ALSO: Light ballast removal in progress, asbestos removal pending

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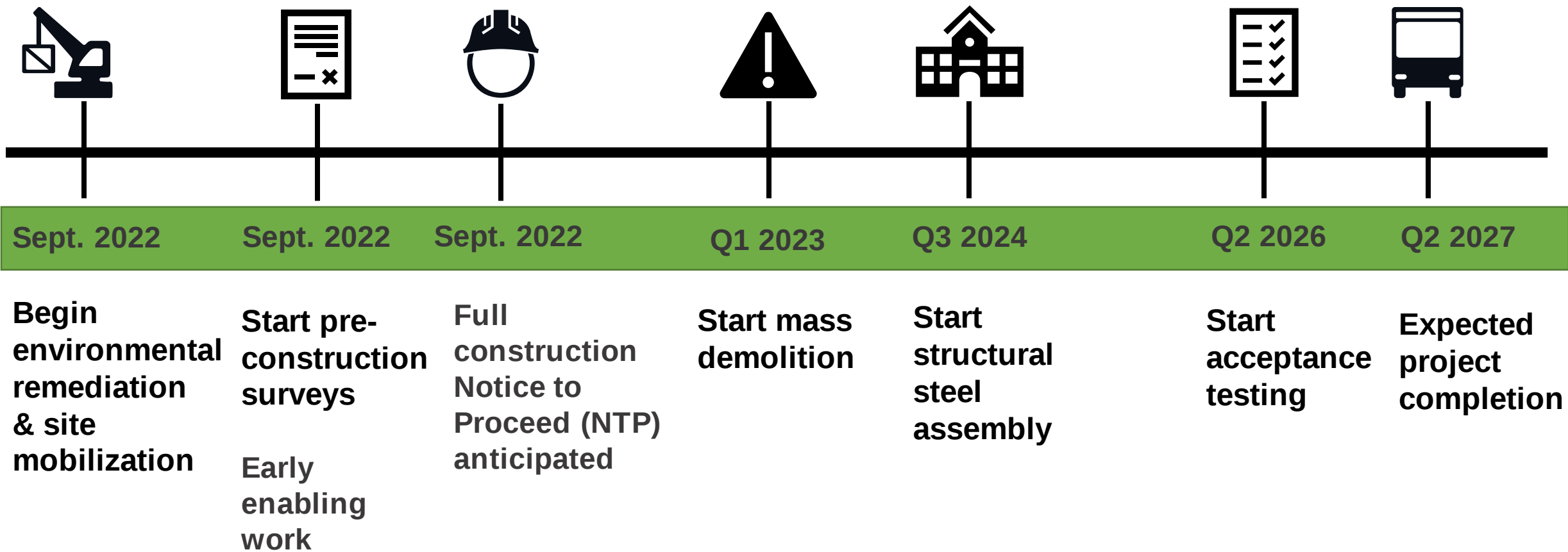


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What to Expect for Early 2023

Northern Bus Garage Reconstruction Project

Schedule



2023 Community Engagement Meetings



Spring
2023



Summer
2023

- Updates posted to wmata.com/NorthernBusGarage
- Email updates sent from MCAP_NBG_Reconstruction_Project@wmata.com
- Follow us on Twitter @wmata

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Thank You!

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