

# Northern Bus Garage Reconstruction Project

Fall Community Meeting

November 1, 2023

This meeting is being recorded



## Meeting Etiquette: In-Person

Help keep this meeting productive and respectful:

Please adhere to the Q&A protocol:



Raise your hand 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

## Meeting Etiquette: Virtual

Help keep this meeting productive and respectful:

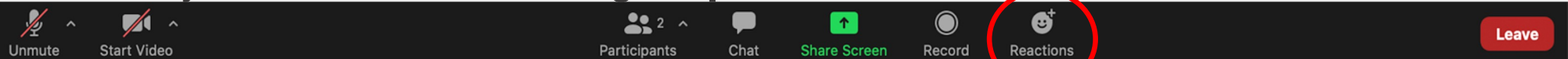
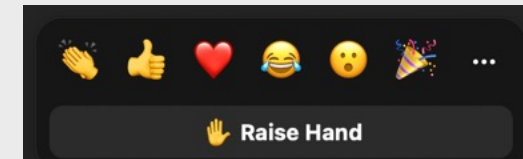
Please adhere to the Q&A protocol:



Request to speak by typing your name in the chat

Type questions directly into the chat

Use the raise hand feature in Zoom  
To raise your hand while dialing in, **press \*9**



When speaking:



Maintain a civil tone

Be mindful of time

## Agenda



Introductions



Project Overview and Updates



Environmental Management Update



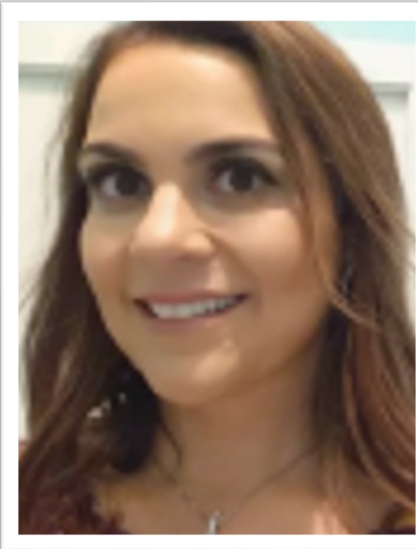
What to Expect in 2023



# Introductions

## Northern Bus Garage Reconstruction Project

# Project Team



**Maya Nino**  
Senior Capital Program  
Manager, Capital Delivery



**Tom Robinson**  
PMCM Project Manager



**John Munson**  
Project Executive, Clark Civil  
Clark Construction Group



**Jim Ashe**  
Environmental  
Coordinator

# **Project Overview & Construction Updates**

**Northern Bus Garage Reconstruction Project**

## Dust & Pest Control Update

### Status of Dust Generating Activities

- Demolition – completed
- Excavation – ~85% complete

### Dust Management & Mitigation

- Stabilized construction entrance installed at Buchanan
- Ramp removed from north end of site – dump trucks no longer using 14<sup>th</sup> St entrance, diverted to Buchanan St entrance
- Continuing street sweeping / water application on haul roads
- Maintaining north building wall (Decatur St) in-place as barrier for as long as practical

### Pest Control

- Pest control subcontractor performing periodic inspections and rebaiting of stations





## Progress Since Last Meeting

### Q3 Construction

#### Mass Demolition

- Completed, including separation at façade

#### Support of Excavation (SOE) & Excavation

- Completed remainder of SOE pile installation
- Lagging and tieback installation ongoing
- Mass excavation (soil and rock) for new building basement substantially complete
- Excavation for new storm water tank completed



## Progress Since Last Meeting

### Q3 Construction

#### Deep Foundations

- Drilled shaft installation ongoing (~75% complete)
- Load testing completed

#### Cast-in-place (CIP) Concrete

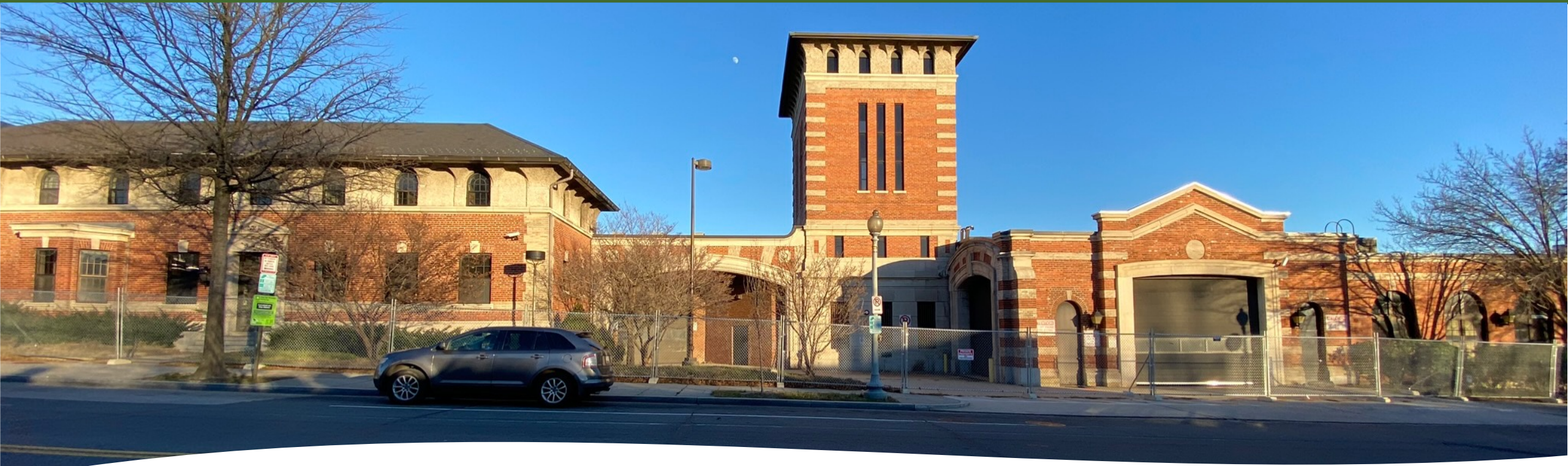
- Mobilized CIP Concrete subcontractor
- Started installation of new foundations and storm water tank structure



# Battery-Electric Bus (BEB) Design Update

### Design

- 40% design completed and comments resolved
- Scope of work for design completion has been developed by WMATA
- WMATA in the process of finalizing its design criteria for BEB facilities, which will inform the final design



## Outlook for Q4 2023 / Q1 2024

### Construction

- Complete drilled shafts
- Advance CIP concrete foundations
- Start placing slab-on-grade
- Start install of underground piping/conduit
- Start wet utility work

## Preconstruction Property Survey Update

While demolition is now complete, eligible property owners may still sign up for surveys

- To schedule, call TER at **443-221-4493** or email [nbgsurvey@ter-int.com](mailto:nbgsurvey@ter-int.com)
- The property owner will receive a copy of the completed pre-construction survey
- For more detailed information on the preconstruction survey, please visit [https://wmata.com/initiatives/plans/northern-bus-garage/upload/Northern\\_June15\\_FINAL\\_Slides.pdf](https://wmata.com/initiatives/plans/northern-bus-garage/upload/Northern_June15_FINAL_Slides.pdf)

(slides 29 – 33)



## Q&A Listening Session



### **In-person**

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



### **Virtual**

- Type comments directly into the chat
- Raise your hand if you'd like to ask a question

# Update on Environmental Plan and Remediation

Northern Bus Garage Reconstruction Project

## Activities Since August Meeting

- **Submitted an Interim Corrective Action Plan (CAP) on September 11 for onsite contamination**
- **Met with Department of Energy & Environment (DOEE) on September 29**
  - Representatives of Underground Storage Tank Branch and Land Remediation Branch (discuss Interim CAP)
  - Discussed regional background levels
  - Discussed risk assessment strategies
- **Submitted revised Interim Corrective Action Plan (Submitted October 19)**
  - Soil sampling on a 50-ft grid plus focused sampling
  - Vapor barrier
  - Infrastructure for Soil Vapor Collection system
  - Installation of 4 monitoring wells within the footprint
  - Guidance on construction materials
- **Comment resolution meeting (October 26)**
- **DOEE Stormwater Inspection** (two minor items identified for correction)
- **Final Corrective Action Plan (for offsite contamination and groundwater)**
  - In development
  - Install 3 additional wells
  - Other activities as needed



## Investigation Overview

- **Develop a work plan**
- **Submit an Interim CAP including 30% design for vapor mitigation system (submitted Oct 19)**
  - Soil sampling plan and grid
  - Four interior wells
- **Install additional exterior wells (seven proposed)**
- **Sample wells quarterly**
- **Submit revised Comprehensive Site Assessment report**
- **Submit a Final CAP**

## Soil Sampling Approach

- **Samples collected on 50 ft rectangular grid. Focused sampling when needed (for example, source areas)**
- **Samples analyzed for target compound list (TCL) volatile organic compounds, semi-volatile organic compounds, pesticides & PCBs, and target analyte list (TAL) substances**
- **Soil will not be used for backfill, as this is an excavation task**
- **Construction materials will be at or below Tier 1 levels and Industrial Regional Screening Levels (RSLs)**
- **Planned subgrade above groundwater table**

## Remediation Activities

- **Task 1: Removal of underground structures and storage vessels**
- **Task 2: Impacted soil excavation and disposal**
  - 2a. Documented petroleum-impacted soil area
  - 2b. Other areas of impact (if encountered)
- **Task 3: Free phase petroleum product removal and disposal**
- **Task 4: Dense non-aqueous phase liquids removal and disposal (if encountered)**
- **Task 5: Vapor management system [Vapor barrier and a PVC air collection system]**
- **Task 6: Sentinel well installation and monitoring; groundwater remediation if necessary**

## Dust Monitoring, Noise, Vibration

- **August 2023 report has been posted. (pending)**
- **September 2023 report has been posted. (pending)**
- **Dust Monitoring**
  - 3 monitors
  - No exceedances
- **Noise Monitoring**
  - 5 monitors
  - Multiple exceedances reported.
  - Issues:
    - Unable to distinguish site-related noise from ambient noise
    - Multiple exceedances reported during non-work hours and on weekends
- **Vibration Monitoring**
  - 5 monitors
  - No exceedances

## Q&A Listening Session



### **In-person**

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



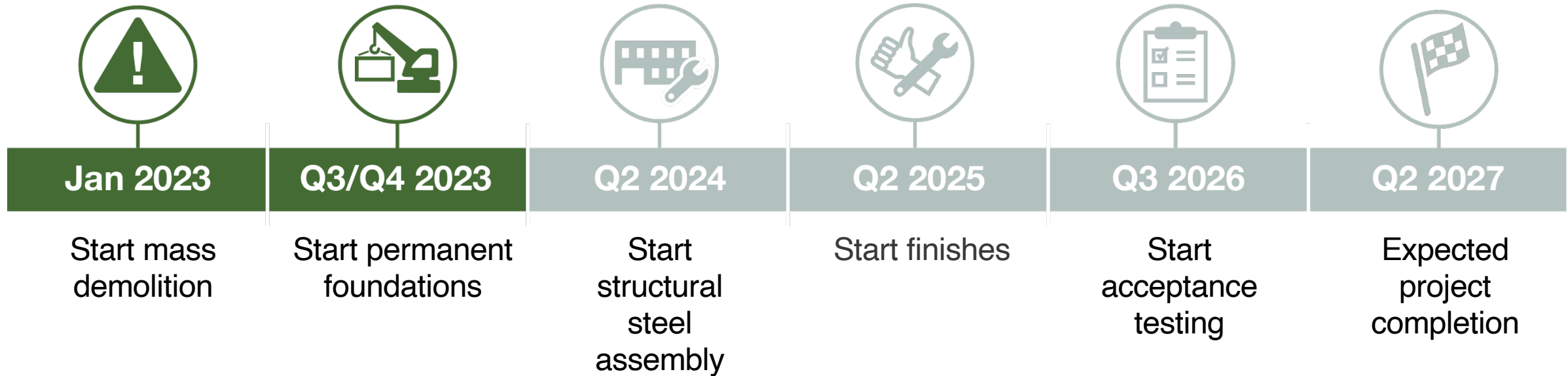
### **Virtual**

- Type comments directly into the chat
- Raise your hand if you'd like to ask a question

# What to Expect for 2023 & Beyond

**Northern Bus Garage Reconstruction Project**

## Current Schedule



This schedule is subject to change due to the BEB scope addition

# How to Follow-Up on the Project



**Sign Up For  
Project & Newsletter  
Updates**

*MCAP\_NBG\_Reconstruction  
\_Project@wmata.com*



**Project  
Website**

*[wmata.com/  
NorthernBusGarage](http://wmata.com/NorthernBusGarage)*



**Quarterly Community  
Meetings**

*Next meeting:  
Winter 2023  
Virtual meeting only*

**Follow us on:**



@MetroForward



@wmata



@MetroForward



## Q&A Listening Session



### **In-person**

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



### **Virtual**

- Type comments directly into the chat
- Raise your hand if you'd like to ask a question

# Thank You!