

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



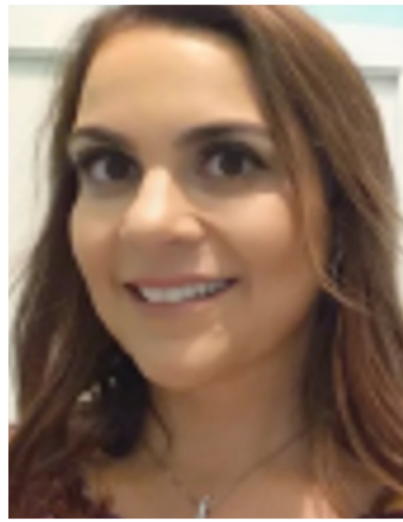
What to Expect in 2023



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 14th 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**
- 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
(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
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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

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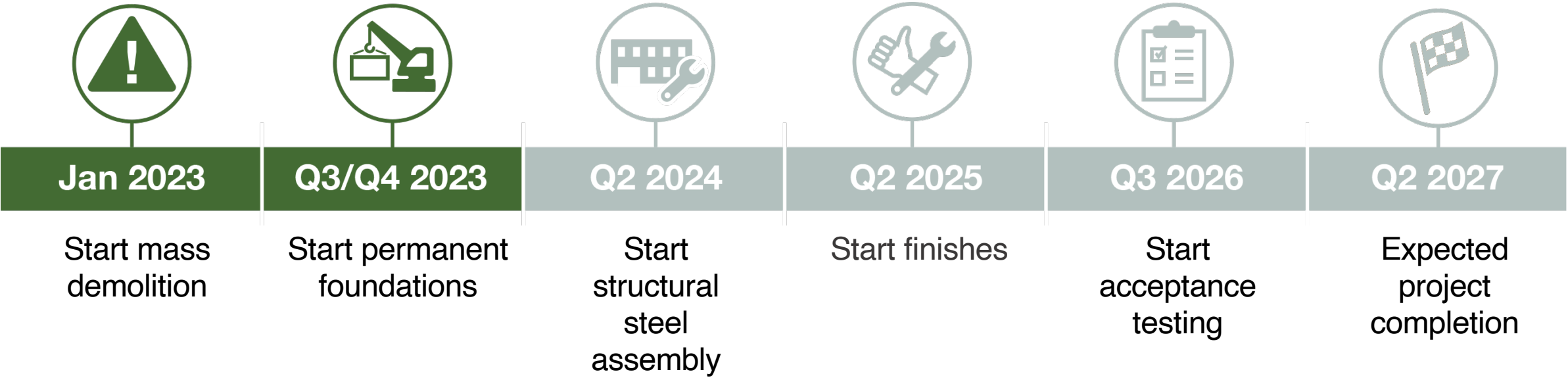
Virtual

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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*



**Quarterly Community
Meetings**

Next meeting:
Winter 2023
Virtual meeting only

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Thank You!