

Bladensburg Bus Garage Reconstruction Project



Fall Community Meeting

September 20, 2021



Meeting Etiquette

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:
 -  Request to speak by typing your name in the chat
 -  Type questions directly into the chat
- 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.

Agenda

- ❑ Introductions
- ❑ Project Overview
- ❑ Bladensburg Design
- ❑ Community Activities
- ❑ Environmental Management
- ❑ Art in Transit
- ❑ A Look Ahead: What to Expect



Introduction

Bladensburg Bus Garage Reconstruction Project

Project Team

- ❑ Diana Levy, Director Capital Delivery
- ❑ Shaun Pratt, Project Manager
- ❑ Daniel Goucher, Project Manager
- ❑ David Fisher, Supply Diversity Manager
- ❑ Jim Ashe, Environmental Coordinator
- ❑ Laurent Odde, Art in Transit Manager

Project Overview

Bladensburg Bus Garage Reconstruction Project

Today's Bladensburg Bus Garage

- Built in 1962, the Bladensburg Bus Garage predates Metro's creation in 1967 and is one of the agency's oldest bus facilities
- The current facility is outdated and in need of modernization to best serve Metro employees, customers and the community
- Reconstruction of the bus garage will allow for:
 - Incorporation of zero emission bus infrastructure
 - Expanded CNG bus fueling
 - Increased bus capacity
 - On-site employee parking



Project Structure & Scope Review

Pre-Construction

- **Scope:** Designs (partial) for demolition of old bus garage and designs for construction of new bus garage
- **Schedule:**
 - Date Began: July 9, 2020
 - Date Completed: July 18, 2021
- **Major Activities Completed:**
 - Price proposal and negotiations
 - Construction limits of disturbance
 - Fence and gate installation
 - Jersey barriers along 26th street

Construction

- **Scope:** Completion of designs to 100%, demolition of existing facilities, construction
- **Anticipated timeline:** July 19, 2021- First quarter of 2027



Project Timeline

Reconstruction of the facility will be conducted in phases over the next six years. The dates presented in this timeline are estimates and subject to change.

Phase 1: Summer 2021 - Summer 2024

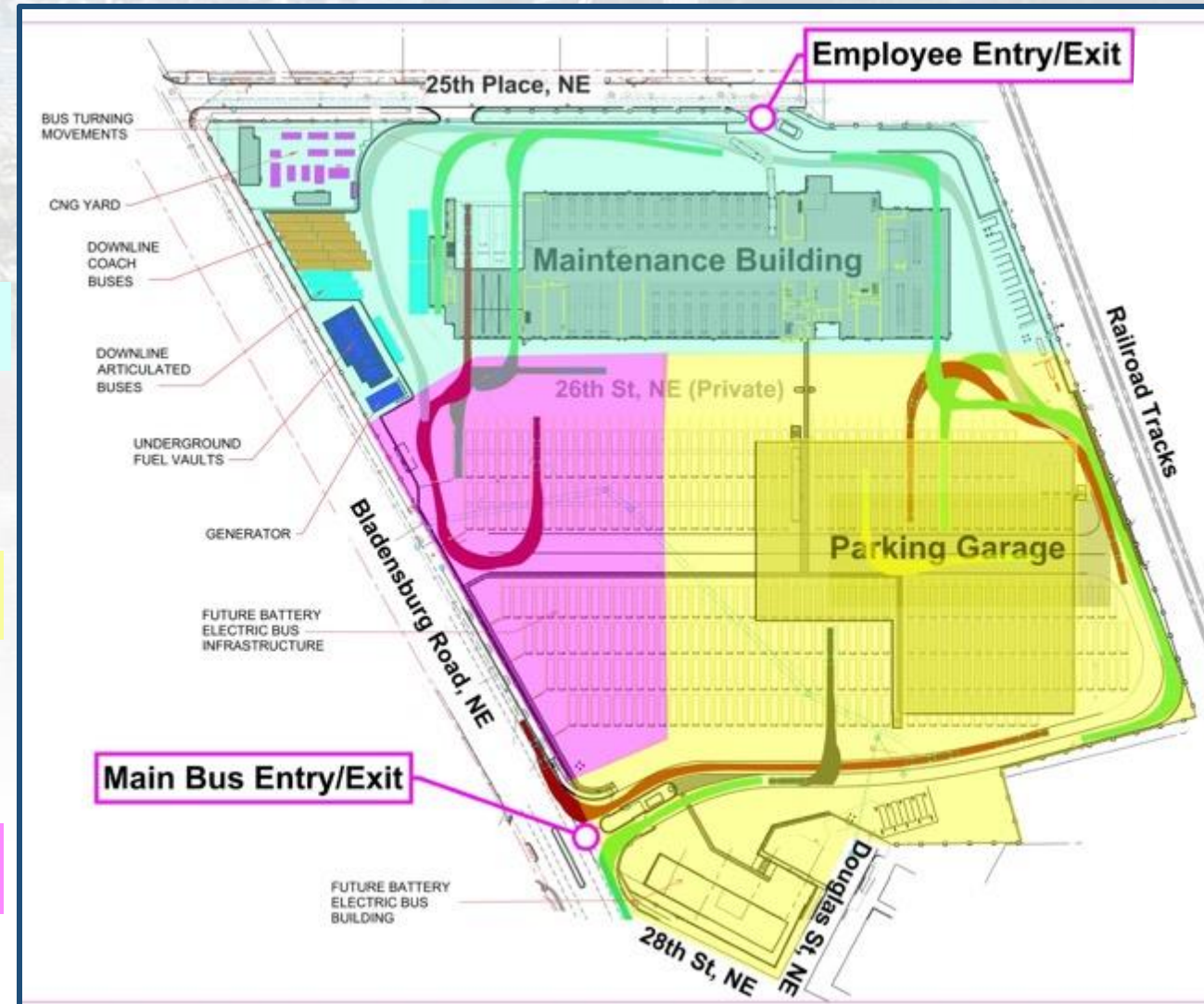
Year 1-3: Demolition of bus Heavy Repair & Overhaul (HR&O) building and construction of a new maintenance facility, CNG Yard and fuel storage area

Phase 2: Spring 2024 – Spring 2026

Year 3-5: Demolition of two bus maintenance buildings and construction of a new parking deck and bus facility entranceway

Phase 3: Spring 2026 – Spring 2027

Year 6: Demolition of paved parking and the construction of a parking area



90-Day Outlook



The dates presented in this timeline are estimates and subject to change

Any Questions?

There are two ways to submit your questions



Request to speak by typing
your name in the chat



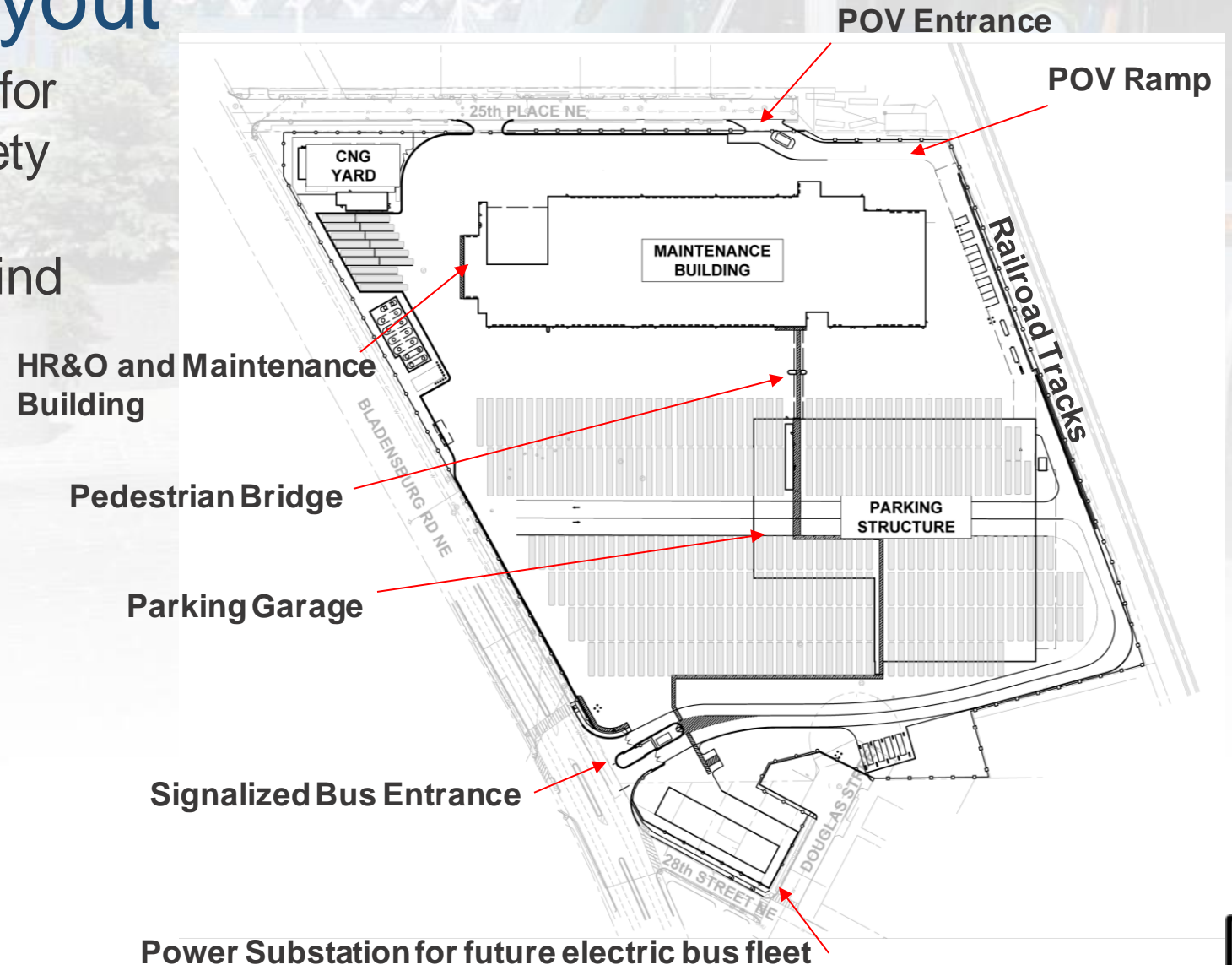
Type questions directly into
the chat

Bladensburg Bus Garage Design

Bladensburg Bus Garage Reconstruction

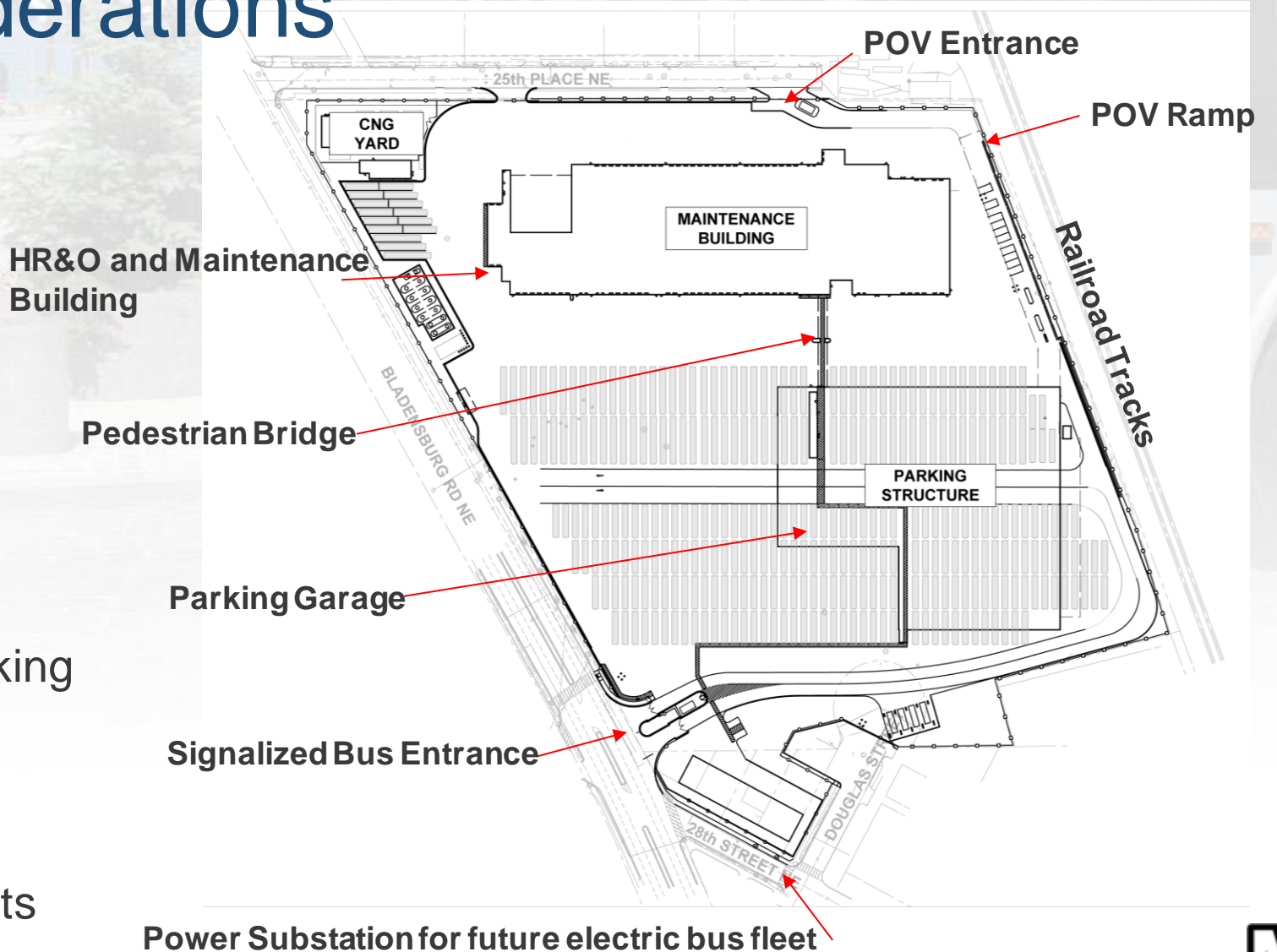
Site Design and Layout

- Counterclockwise traffic pattern for improved efficiency and site safety
- Counterclockwise turning movements eliminate a major blind spot for bus operators
- On-site employee parking with dedicated entrance
- Consolidating buildings into existing footprint
- Increased bus parking and CNG fueling capacity
- Space for battery electric bus infrastructure
- New facility main entrance



Site Design Considerations

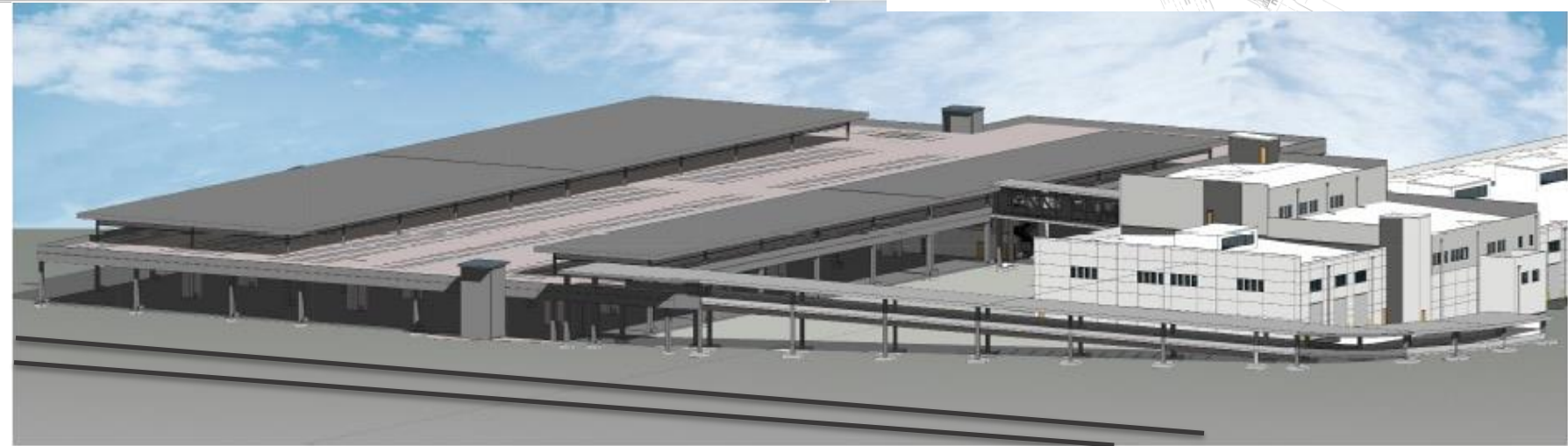
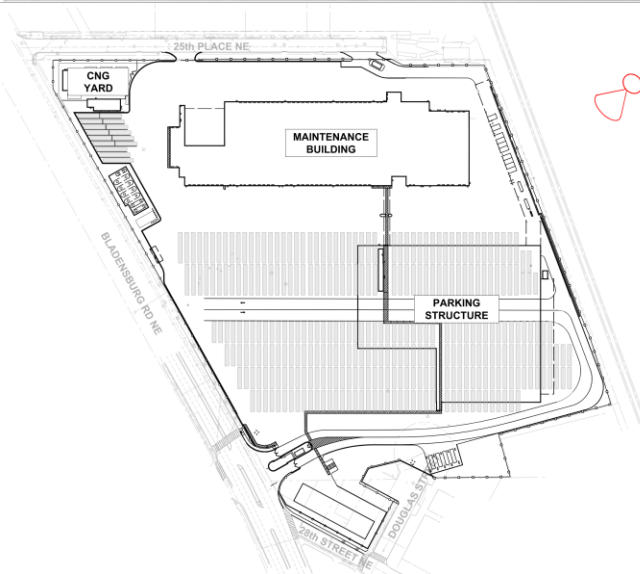
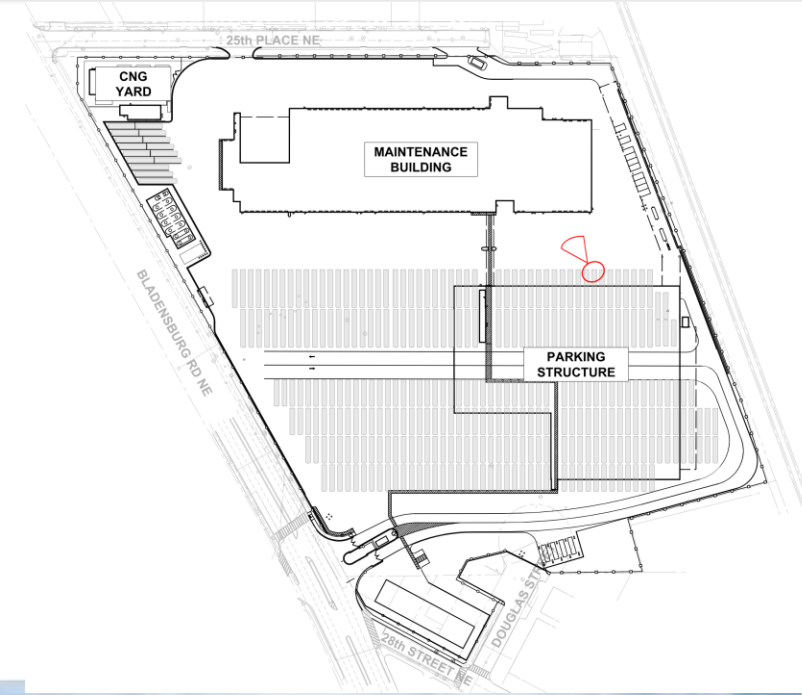
- Provide WMATA with a Modernized Facility within the existing site while maintaining operations.
 - Separate Entrance for Personal Vehicles and Buses
 - Improved site safety & eliminate on street parking
 - Bus Travel Counterclockwise
 - Improved efficiency and eliminate major blind spots



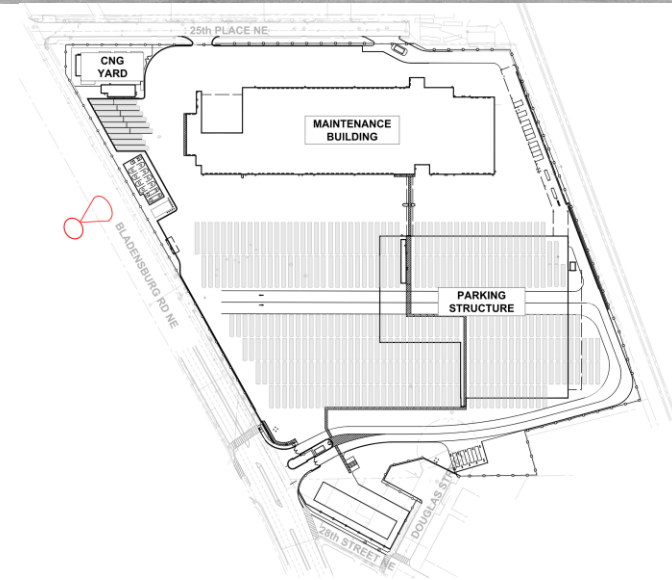
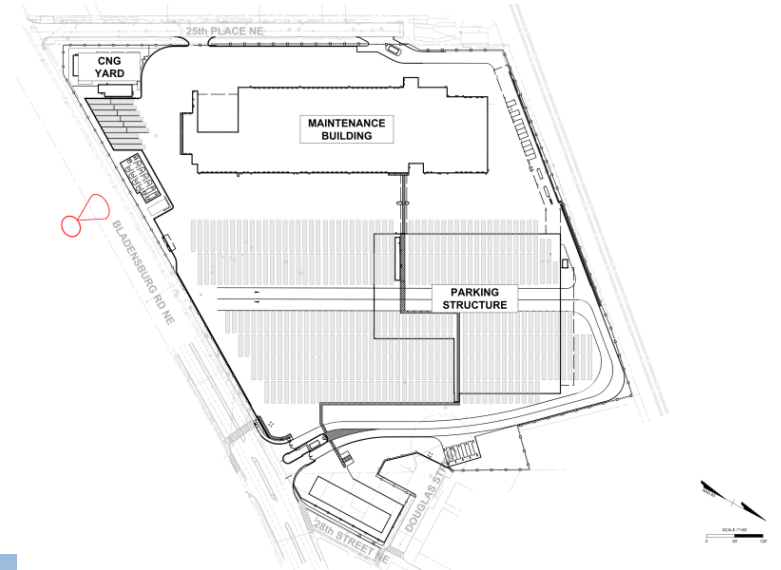
Site Design Considerations Cont.

- Optimize site layout to accommodate 66' Articulating and 46' Coach Buses
 - Increased bus parking and CNG fueling capacity
 - Space for battery electric bus infrastructure
- Optimize site layout to accommodate public utility easement

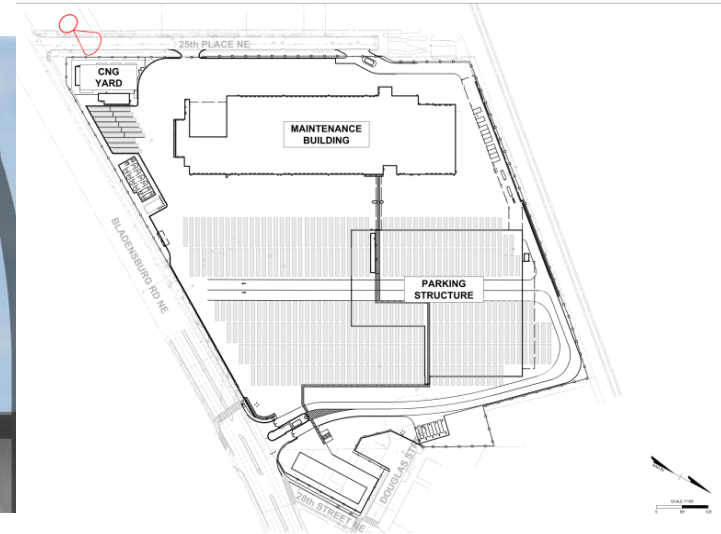
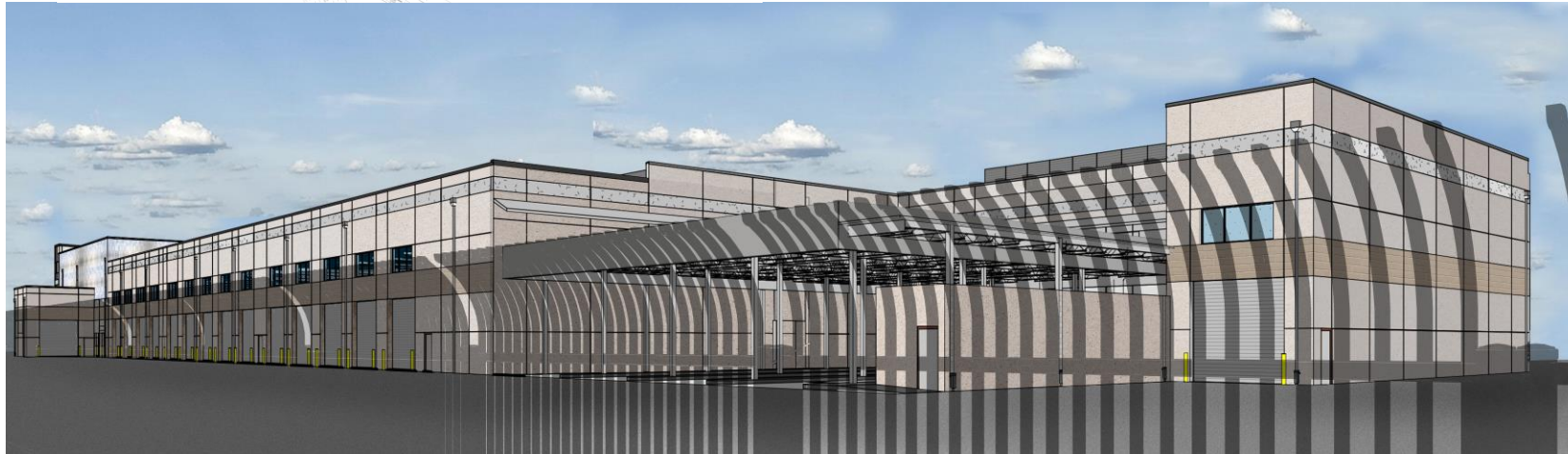
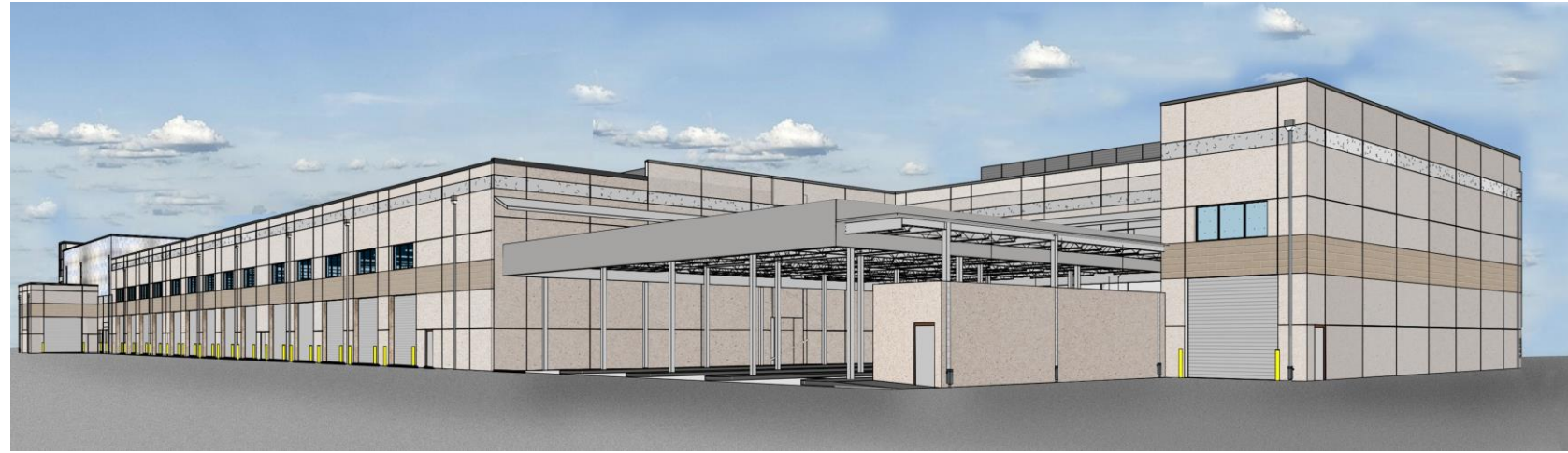
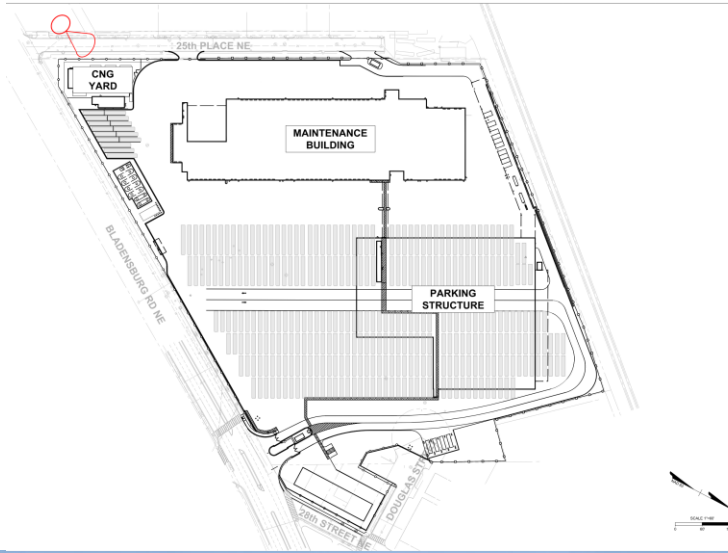
Architectural Renderings



Additional Architectural Renderings



Additional Architectural Renderings



Design Features

- **Self-Contained Facility** – On-site employee parking reduces impact to community residents and businesses
- **Modern** – Appealing design elements that align with the community
- **Environmental Improvements** – Rainwater harvesting and carbon emission reduction features including solar panels, expanded CNG capacity, space for electric bus infrastructure and EV charging stations
- **Historical Recognition** – Planned temporary and permanent artwork as well as an archaeological survey will highlight and explore the rich history of the site and surrounding community

Any Questions?

There are two ways to submit your questions



Request to speak by typing your name in the chat



Type questions directly into the chat

Community Activities

Bladensburg Bus Garage Reconstruction

Construction Logistics

Metro is committed to ensuring that construction impacts are minimized by implementing the following strategies:

- 24/7 community construction contact
- Utilize off-street parking for craft workers to the fullest extent possible
- All construction materials and equipment will be contained within the project's Limits of Disturbance (LOD)
- No significant traffic impacts or permanent lane closures on Bladensburg Road
- Notice will be provided prior to any potential traffic impacts external to the site
- Dust emissions will be controlled by using water spray
- Demolition and construction activities will be conducted primarily between 7am - 7pm Monday through Friday, adjusted seasonally



Property Acquisition

- Metro has acquired ownership of three properties at the intersection of 28th & Douglas St:
 - 2510 Bladensburg Rd NE
 - 2504 28th St NE
 - 2506 28th St NE
- The properties were acquired to provide space for future battery electric bus charging infrastructure. It is currently anticipated this area will be the location of the bus charging incoming electrical supply.



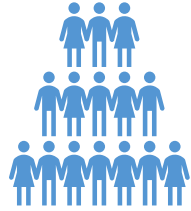
- This area is not included within the Phase 1 construction work and therefore is not scheduled for final development until at least 2024. The project may use the area for temporary staging/ parking during the Phase 1 construction.

Archaeological Survey

- The site, once home to the Clark Mills Foundry, will be surveyed for archaeological resources.
- Metro, the Federal Transit Administration (FTA) and the District of Columbia Historic Preservation Office (HPO) entered into a Programmatic Agreement to manage the site.
- At the beginning of Phase 2 construction, Metro's contractor will investigate the former site and will provide results to the FTA and HPO.
- Metro will coordinate through the FTA and HPO to update community leaders on survey developments.

Community Engagement and Outreach

Three Ways to Stay Informed



Quarterly Community Meetings:
Next Meeting
Winter 2021



Project Website
wmata.com/BladensburgBusGarage



Project Communications Team
BladensburgBusGarage@wmata.com

Sign-up for project updates
<https://bit.ly/BladensburgBusRegistration>

Any Questions?

There are two ways to submit your questions



Request to speak by typing your name in the chat



Type questions directly into the chat

Ward 5 Partnership

Bladensburg Bus Garage Reconstruction


Involving Local Businesses

Establishing the Relationship

- “How to Do Business With Hensel Phelps”
- WMATA DBE “Meet the Estimators” Event
- Technical Assistance Program

Main Streets DC Program


- Utilizing and supporting local businesses and vendors



PROJECT OVERVIEW

- Located in Washington, DC
- Guaranteed Maximum Price (GMP) agreed to in July '21
- Project Duration: July '21 - March '27
- Demolition & Abatement of existing structures
- 570 space precast parking structure, approximately 250,000 SQFT
- 140,000 SQFT Maintenance Bldg, Offices, Transit Police
- Includes addition of a CNG Fueling facility at WMATA's existing Shepherd Parkway Facility (located in Washington, DC)
- Three Phases for Construction

Copyright 2021 Hensel Phelps and/or its affiliates. All rights reserved. Confidential and Proprietary.



**BLADENSBURG RD
MAIN STREET**

SUPPORT FOR SMALL BUSINESSES

The image shows a meeting in progress. A man in a dark shirt is standing and talking to a group of people seated around a table. In the foreground, a logo for 'BLADENSBURG RD MAIN STREET' is visible, featuring a stylized skyline and the text 'SUPPORT FOR SMALL BUSINESSES'.

Education, Workforce & Intervention

McKinley Tech High School

- CTE Program Partnering
 - Sustainability / Rainwater Harvesting / Solar & EV
- Intro. to Virtual Design & Construction (VDC)
- Project Workshops & Visits

**Previous DCPS partners: Phelps ACE High School and Dunbar SHS*



University of the District of Columbia

- Construction Management - AAS
- Architectural Engineering Technology



Education, Workforce & Intervention

UDC Workforce Development & Lifelong Learning

- Bertie Backus Campus
- Construction and Property Management
- Construction "Reskilling"

Training Grounds Partnership

- Workforce Development
- Returning Citizen Services
- Youth Mentoring & Intervention



A Committed Partner...

A COMMITMENT FULFILLED

For District residents Magella Metts-Burwell (Ward 1) and Anthony Taylor Jr. (Ward 8), what took four years to obtain will last a lifetime. Having been selected by Hensel Phelps to enroll in ABC Metro's CraftMasters Apprenticeship Training Program as a condition for permanent employment with the company, Metts-Burwell and Taylor balanced both schoolwork and full-time employment at the Marriott Marquis hotel project to successfully complete the 4-Year Carpentry Apprenticeship Program.



Magella Metts-Burwell



Anthony Taylor Jr.

Apprenticeship Program Graduates



Marriott Marquis Site Tour



Dunbar High School
"Careers in Construction" Program



WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY



Marriott Marquis "School-To-Work" Program

Any Questions?

There are two ways to submit your questions



Request to speak by typing
your name in the chat



Type questions directly into
the chat

Environmental Management

Bladensburg Bus Garage Reconstruction

LEED Platinum Certified Facility

As part of Metro's commitment to environmentally responsible strategies and with a goal of achieving Leadership in Energy and Environmental Design (LEED) certification, the project design will incorporate the following elements to use resources efficiently:

- **75% Waste Diversion from Landfill**
- **Rainwater Harvesting for Bus Wash**
- **Solar Panels**
- **Space for Future Battery Electric Bus Fleet & Infrastructure**
- **Expanded Compressed Natural Gas Capacity**
- **Electric Vehicle Charging Stations**



SILVER
(50 pts)



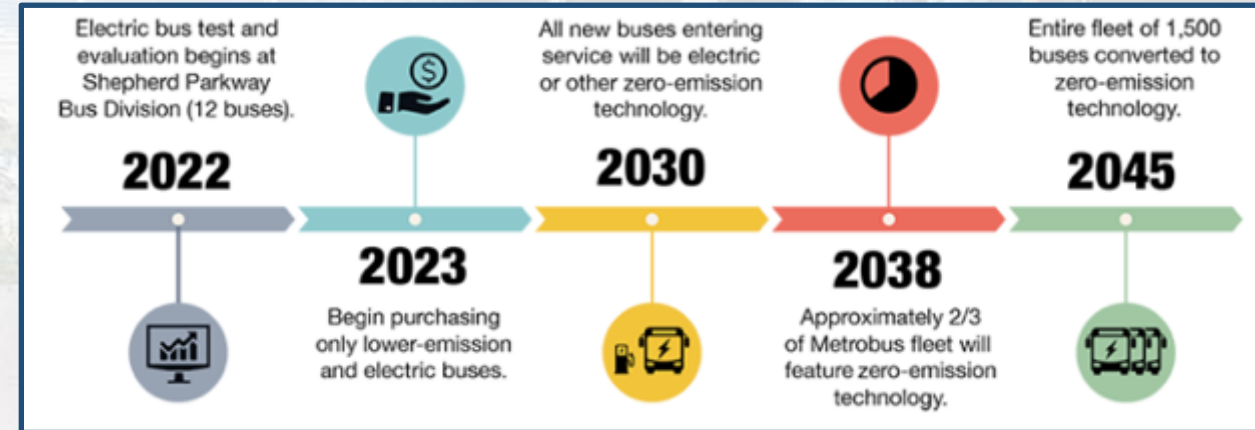
GOLD
(60 pts)



PLATINUM
(80 pts)

Reduced Emissions

- **Space for Future Battery Electric Bus Fleet & Infrastructure** – In support of the recently approved new Metrobus fleet strategy, the Bladensburg Bus Garage will be designed and built to be “electric bus ready” (designed to accommodate future installation of electric bus infrastructure).
- **Expanded Compressed Natural Gas (CNG) Capacity** – The expansion of CNG capacity at the Bladensburg Bus Garage allows for more alternative fueled buses, effectively reducing carbon emissions and improving air quality.
- **Electric Vehicle (EV) Charging Stations** – EV chargers will be installed in the new parking structure for use by Metro passenger fleet vehicles and employee personal vehicles.



Stormwater Runoff Management

- **Coordination with the DC Department of Energy and Environment (DOEE)** – Stormwater management plans for the project will be reviewed and approved by the DOEE.
- **Rainwater Harvesting for Bus Wash** – In addition to reducing stormwater run-off, collecting and storing rainwater for use in washing buses has the potential to reduce WMATA's reliance on city water consumption and saves money on water bills.



Environmental Remediation

- Metro is working with the DC Department of Energy and Environment (DOEE) to ensure that contamination, if any, is identified and remediated to DOEE standards.
- During construction, existing storage tanks will be closed and removed.
- Sampling will be conducted during the removal activity and follow-on activities will be based on samples results.

Any Questions?

There are two ways to submit your questions



Request to speak by typing your name in the chat



Type questions directly into the chat

Art in Transit

Bladensburg Bus Garage Reconstruction

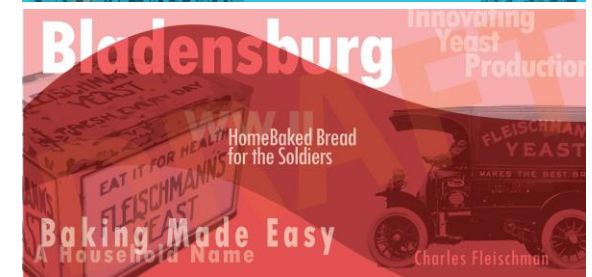
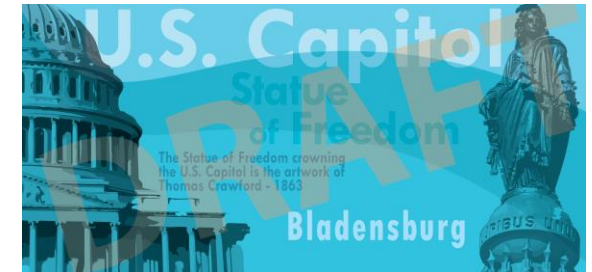
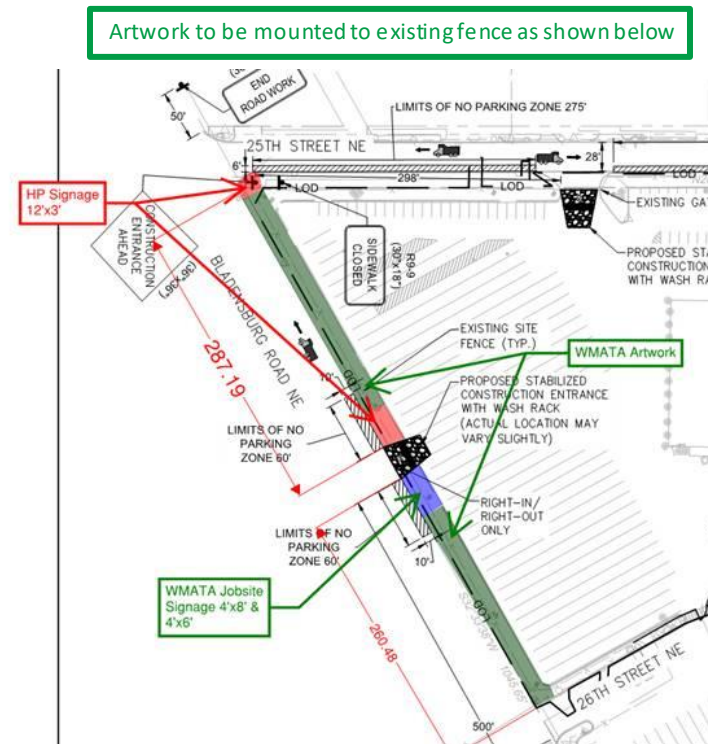
Art in Transit (AIT)

- The Art in Transit Program incorporates artwork at Metro stations and facilities to enhance public spaces for customers and the public.
- Art projects are developed that reflect the spirit and vitality of the surrounding communities.
- Two different projects for the Bladensburg Bus Garage:
 - Graphics for temporary perimeter fencing
 - Permanent artwork



AIT Temporary Display

- Mitigate visual impact of construction.
- Design for temporary art banners is being developed for the Phase 1 fencing along Bladensburg Road.
- Metro is working with community leaders to ensure the temporary display reflects the rich history of both the site and surrounding community.



AIT Permanent Display

- Metro will work through its Art in Transit program to implement permanent artwork for the site.
- A location for the permanent artwork will be identified as part of Phase 2 construction starting in 2024.
- During project development, Metro will reach out to the community for input.

Any Questions?

There are two ways to submit your questions



Request to speak by typing your name in the chat



Type questions directly into the chat

A Look Ahead: What to Expect in the Coming Year

Bladensburg Bus Garage Reconstruction

Next Steps for Project

Early Fall 2021	Late Fall 2021	2022
Continue Phase 1 Mobilization & Pre-Construction Activities	Begin Phase 1 Demolition and Debris Removal	Begin Phase 1 New Construction

Phase 1 – Work Plan

Schedule

- **Start: July 19, 2021 (A)**
- Duration: 35 months
- Completion: June 2024

Preparation for demolition & new construction started July 2021, this work includes /will include:

- Contractor mobilization
- Preconstruction photographic site survey
- Site fencing installation
- Utility cut & cap
- Temporary electrical work & feeder removal
- Abatement
- Building demolition
- Paving removal



Demolition of Heavy Repair & Overhaul (HR&O) Building to start mid-October 2021

Phase 1 Demolition – Work Plan

Description of Activities During Demolition

- Priority will be the health and safety of all contractors, WMATA employees and the surrounding community.

Asbestos Abatement

- All asbestos abatement will be conducted by a licensed contractor and any contaminated material will be disposed of in accordance with regulations. Prior to any demolition work taking place, confirmation will be made that all asbestos has been removed from the building.

Demolition

- Demolition activities will be conducted primarily between 7am - 7pm Monday through Friday
- Dust emissions will be controlled by using water spray
- No significant traffic impacts or permanent lane closures are anticipated
- Notice will be provided prior to any potential traffic impacts external to the site

Any Questions?

There are two ways to submit your questions



Request to speak by typing your name in the chat



Type questions directly into the chat

Thank You

Bladensburg Bus Garage Reconstruction