

Welcome!

# MD 355 Flash BRT Industry Day



**MCDOT**

# Agenda

8:30 – 9:00 Arrivals, light breakfast, Networking

9:00 – 10:00 **Group Presentation**

Welcome: MCDOT Director

Project overview & Purpose

Project Procurement Process

Q/A

10:00 – 10:30 **Break & Bus Boarding – Bus Departs at 10:30**

10:30 – 12:30 **355 Flash BRT Highlights Tour**

12:30 – 1:30 **Break**

1:30 – 5:00 20 minute 1:1 Breakout Sessions  
Previous RSVP Required  
Rooms 151, 152

**LEGEND**

<b>ROUTE IN SERVICE</b>	<b>PLANNED ROUTES</b>	<b>IN-SERVICE STOPS</b>	<b>FLASH LINES INTERSECT</b>
US 29	NORTH BETHESDA	IN-SERVICE STOPS	TWO COLORS DENOTES WHERE TWO ROUTES CONNECT
	NEW HAMPSHIRE AVE	PLANNED STOPS	THREE COLORS DENOTES WHERE THREE ROUTES CONNECT
	GEORGIA AVE	M METRO STATION	
<b>ROUTES IN DESIGN</b>	RANDOLPH ROAD	P PARK AND RIDE	
MD 355	UNIVERSITY BLVD	MARC STATION	
VEIRS MILL ROAD	EXTENSION TO HOWARD COUNTY AND MONTGOMERY COLLEGE TAKOMA PARK		



# Current Project Team Structure

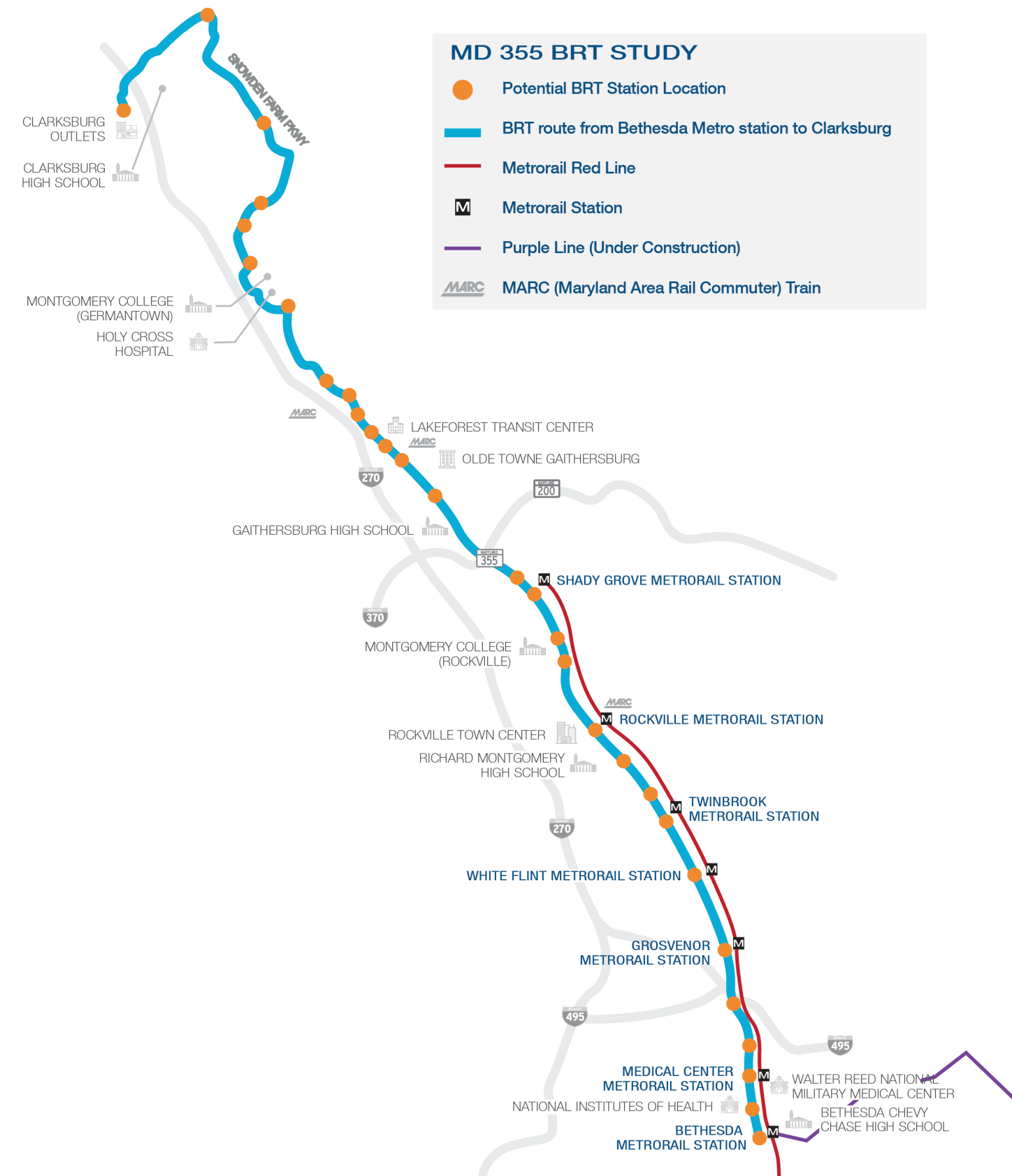


PE Designer

PMC

# Project Overview

- MD 355 Bus Rapid Transit (BRT)
  - Approximately 24 miles with 30 stations, including 11 miles of fully dedicated BRT lanes and 11 miles of roadway widening
- Includes 30 new stations with:
  - Unique branding
  - Near-level boarding
  - Off-board fare collection
  - Real-time transit information
  - Rider amenities



# MD 355 Flash Project Benefits



Connects residents and communities to local and regional jobs, education, services, and destinations, and supports efforts to improve economic stability.



Encourages transit as a primary mode of travel.



Creates a convenient and environmentally sustainable transit connection.



Supports economic revitalization and redevelopment in Montgomery County.



Reduces reliance on single-occupant vehicle driving.



Allows for more efficient use of existing streets and roadways.



Supports County efforts to reduce greenhouse gas emissions and achieve climate goals.

# Project Priorities

Enhance transit **connectivity** and multimodal **integration**

Improve bus **mobility**

Attract **new** riders and provide improved service for **existing** riders

Support approved Master Planned **growth**

Provide a **sustainable** and **cost-effective** transit service

Improve **safety** for all

Regular **coordination** with agency and community stakeholders



# Project Status

35% Design  
Completed

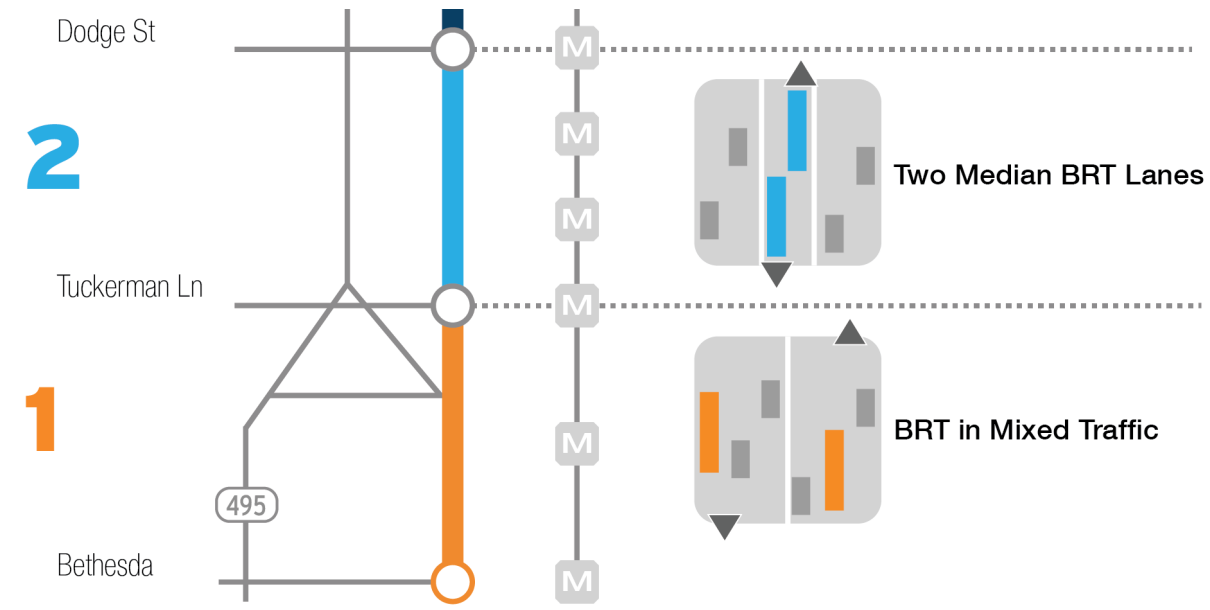
NEPA  
(Ongoing)

Anticipated Entry  
into Project  
Development  
(Winter 2023)

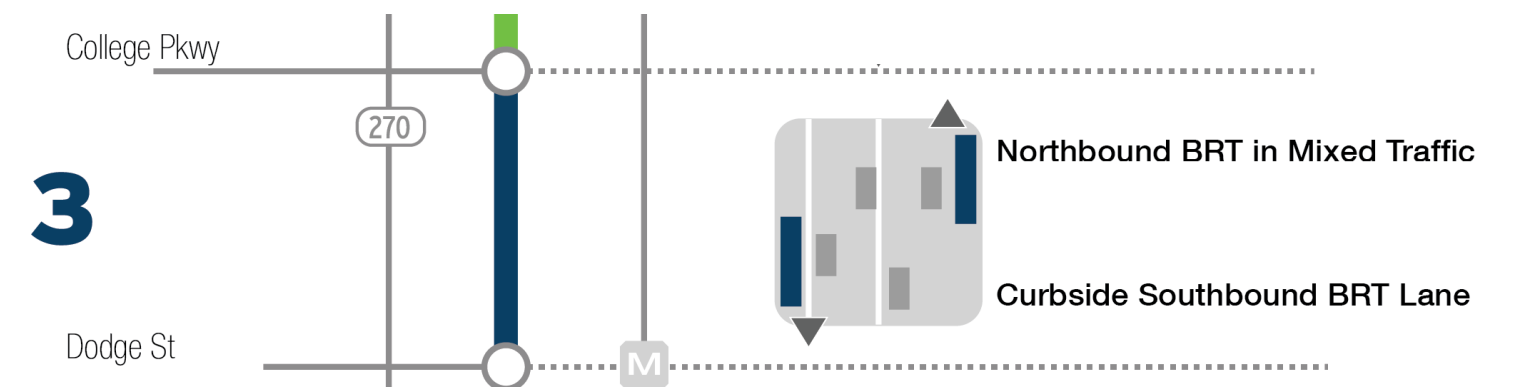
Regular  
Coordination  
with FTA



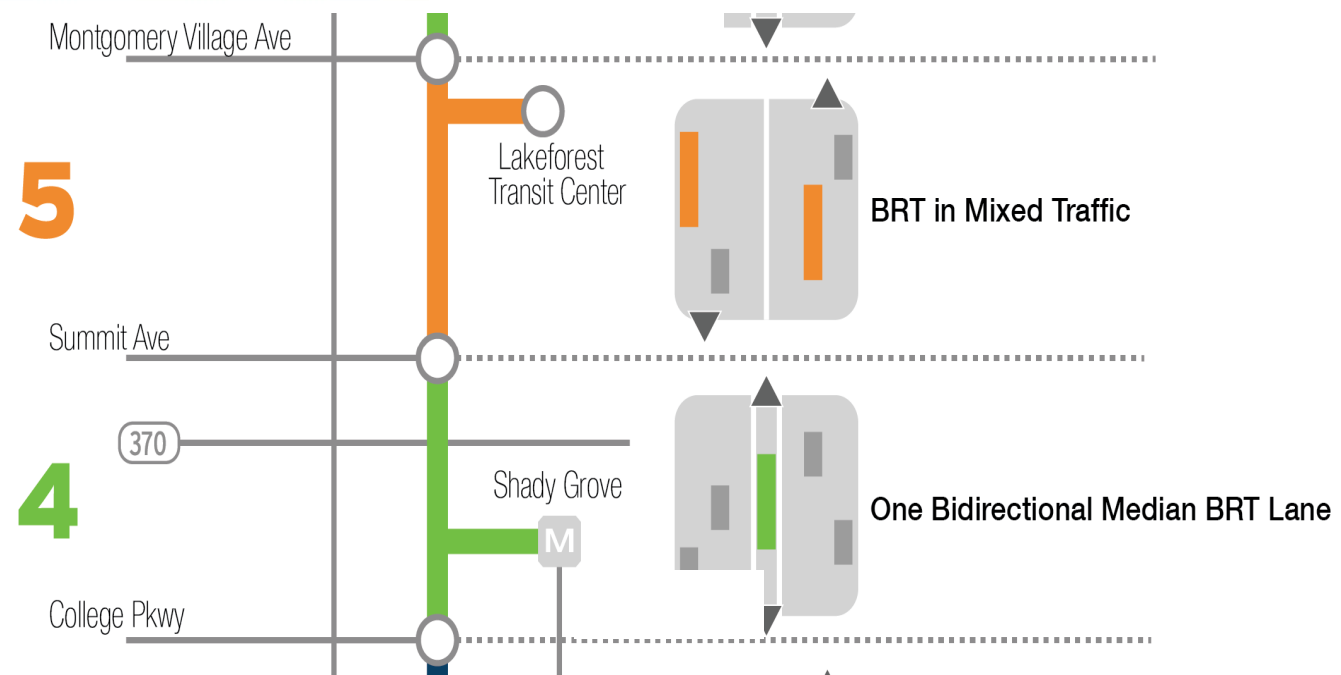
# Proposed Corridor Selection



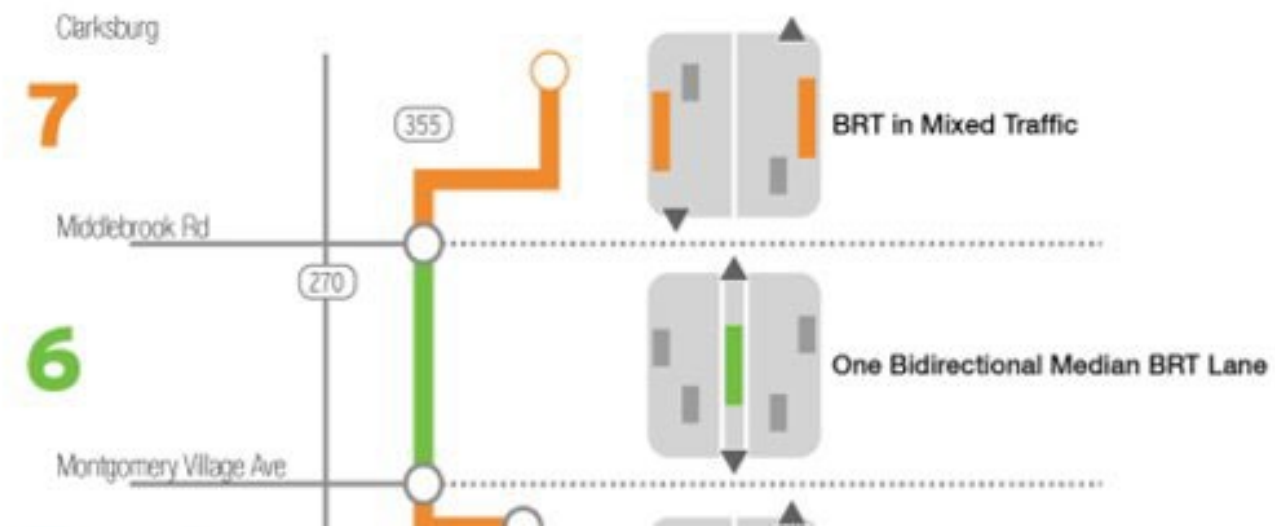
# Proposed Corridor Selection



# Proposed Corridor Selection



# Proposed Corridor Selection



# Related Project Considerations

## Transit Centers

Two transit centers have been identified for improvement along the project corridor likely involving coordination



## Bus Maintenance Facilities

MCDOT is implementing its transition to a Zero Emission transit fleet, including upgrades to bus maintenance facilities that will accommodate BRT fleet needs



# What is Progressive Design Build?

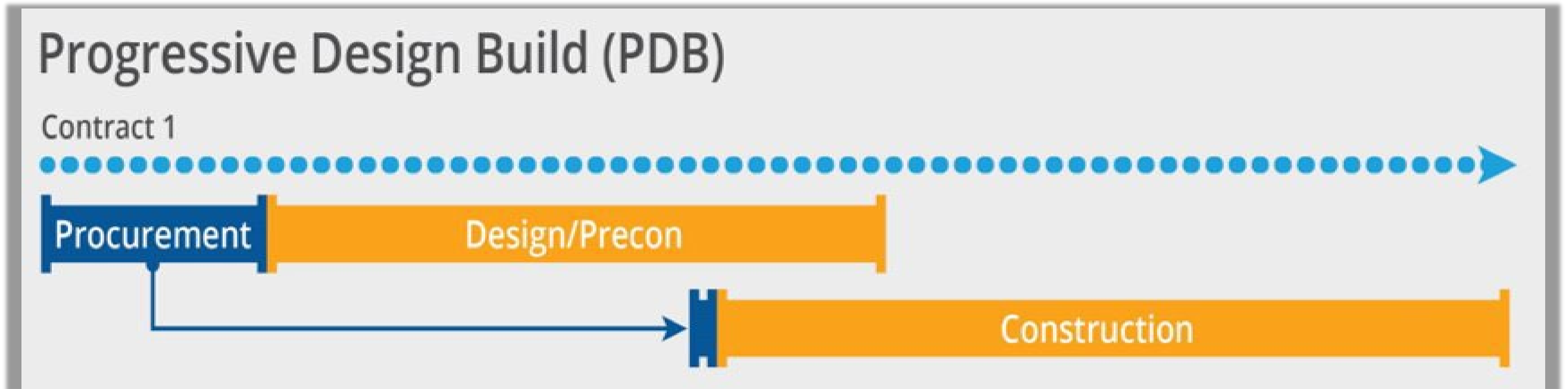


Image credit: DBIA

# Progressive Design Build: Core Features

- Design-builder is retained by owner early in the life of the project
- Design-builder is generally selected primarily on qualifications, where design builder's final project cost/price and schedule commitment is not established as part of the selection process.



# 2 Phases of Progressive Design Build

The Progressive design-builder delivers the project in 2 phases:

## Phase 1

Design Development  
Preconstruction Services  
Establishing Guaranteed Maximum Price

## Phase 2

Final design  
Construction  
Commissioning



# Benefits of Progressive Design Build



Schedule Benefits



Cost Benefits



Risk Mitigation



Flexible and Collaborative Approach





# MC DOT Procurement Process

# Progressive Design Build: Procurement



MCDOT Issues RFP and draft contract

Award Contract to the Progressive Design Build Team

Phase 1 – Preconstruction services.

At 60% - 90% Design  
Construction Cost Negotiations (GMP).

Phase 2 - Final Design and construction

Commissioning and start up

# Project Schedule

Key Project Milestones	Estimated Completion
Issue PDB RFP	Q1 2024
PDB NTP for Design & Pre-Construction	Q3 2024
Complete NEPA	Q4 2024
Potential Early Construction Work	Q2 2025
Construction Starts	2025
Revenue Service	2028

# Questions and Answers



**MCDOT**



# Project Contact Information

**Zouli Bereddad, Executive Director**

Division of Transportation Engineering Transportation Planning and Design

[zouli.bereddad@montgomerycountymd.gov](mailto:zouli.bereddad@montgomerycountymd.gov)