



Maryland Transportation Authority

CAPITAL COMMITTEE MEETING

TUESDAY, JULY 9, 2024

2310 BROENING HIGHWAY
BALTIMORE, MARYLAND 21224

**CAPITAL COMMITTEE MONTHLY MEETING
July 9, 2024 – 9:00 AM**

This meeting will be livestreamed on the [MDTA Capital Committee Page](#)

NOTE: This is an Open Meeting being conducted via livestreaming. The public is welcomed to watch the meeting at the link listed above. *If you wish to comment on an agenda item please email your name, affiliation, and the agenda item to agibson@mdta.state.md.us no later than 3:00 p.m. on Friday, July 5, 2024. You MUST pre-register in order to comment.* Once you have pre-registered you will receive an email with all pertinent information.

AGENDA

OPEN SESSION – 9:00 a.m.

Call Meeting to Order

- | | | |
|---|-------------------|---------|
| 1. <u>Approval</u> - Open Session Meeting Minutes of June 6, 2024 | Chairman | 5 mins |
| 2. <u>Approval</u> – FT-3020-0000R – Area-Wide Rehab of FMT Lighting | Andrew Layman | 5 mins |
| 3. <u>Approval</u> - KH-3020 – I95 ETL Northbound Extension MD 24 to Bynum Run | Nafiz Alqasem | 5 mins |
| 4. <u>Approval</u> - MDTA Resolution 24 - 04 | Richard Jaramillo | 10 mins |
| 5. <u>Update</u> - Alternative Project Delivery and Progressive Design-Build | Jason Stolicny | 10 mins |

Vote to Adjourn Meeting

TAB 1

**MARYLAND TRANSPORTATION AUTHORITY
CAPITAL COMMITTEE MEETING
THURSDAY, JUNE 6, 2024
OPEN MEETING VIA LIVESTREAMING**

OPEN SESSION

MEMBERS ATTENDING: Mario J. Gangemi – Chairman
Samuel D. Snead
William H. Cox, Jr.
W. Lee Gaines

STAFF ATTENDING: Bruce Gartner
Mary O’Keeffe
James Harkness
Nafiz Alqasem
Jeffrey Davis
Richard Jaramillo
Jeanne Marriott
Kimberly Millender
Ebony Moore
Natalie Henson
Timothy Sheets
Ganine Steffe
Araya Gibson

Member Gangemi called the meeting of the Maryland Transportation Authority (MDTA) Capital Committee to order at 9:00 a.m. The meeting was held via video conference and livestreamed on the MDTA Board Meeting web page.

APPROVAL – OPEN SESSION MEETING MINUTES OF MAY 2, 2024

Upon motion by Member Cox and seconded by Member Gaines, the Open Session meeting minutes of the Capital Committee’s meeting held on May 2, 2024, were unanimously approved.

APPROVAL – DRAFT FISCAL YEAR (FY) 2025-2030 CONSOLIDATED TRANSPORTATION PROGRAM (CTP)

Ms. Marriott presented this request to seek a recommended approval from the Capital Committee to present Draft Fiscal Year (FY) 2025-2030 Consolidated Transportation Program (CTP) to the full MDTA Board for final approval on June 28, 2024.

Upon motion by Member Cox and seconded by Member Gaines, the Members unanimously recommended full approval of Draft Fiscal Year (FY) 2025-2030 Consolidated Transportation

Program (CTP) and present a recommendation for award to the Capital Committee at its next scheduled meeting.

APPROVAL – FT-3016 - FMT FACILITY-WIDE ZONE PAINT PROGRAM

Mr. Alqasem presented this request to seek a recommended approval from the Capital Committee to present FT-3016 - FMT Facility-Wide Zone Paint Program to the full MDTA full Board for award at its next scheduled meeting.

The work to be performed under this Contract is located on the Fort McHenry Tunnel Facility. The scope of work includes cleaning and painting of structural steel members and performing miscellaneous structural steel repairs on various bridges both north and south of the tunnel.

Upon motion by Member Gaines and seconded by Member Cox, the Members unanimously recommended approval of FT-3016 - FMT Facility-Wide Zone Paint Program Modifications to Saffo Contractors, Inc. and present a recommendation for award to the Capital Committee at its next scheduled meeting.

There being no further business, the meeting of the MDTA Capital Committee was adjourned by consensus at 9:20 a.m. following a motion by Member Gaines and seconded by Member Snead.

The next meeting of the MDTA Capital Committee is scheduled for Thursday, July 9, 2024, at 9:00 a.m., this meeting will be virtual conducted via livestream.

APPROVED AND CONCURRED IN:

Mario J. Gangemi, Chairman

TAB 2



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

FT-3020-0000R FMT Underpass and Low-Level Lighting Upgrades

PIN NUMBER MDTAPRJ000200
CONTRACT NUMBER FT-3020-0000R
CONTRACT TITLE FMT Underpass and Low-Level Lighting Upgrades

PROJECT SUMMARY The work to be performed under this contract is located at the Fort McHenry Tunnel, Interstate 95 (I-95) between the Joh Avenue overpass and the I-895 interchange. The project will upgrade existing underpass and low-level lighting through the corridor. The lighting upgrades will consist of replacing existing underpass, low-level, and sign lighting with LED, as well as replacing existing circuits feeding those lights and any related junction box covers that are

SCHEDULE

ADVERTISEMENT DATE 2/15/2024
ANTICIPATED NOTICE TO PROCEED DATE Sep-24
DURATION (CALENDER DAYS) 730

MBE PARTICIPATION

	(\$) Advertised GOAL (%)	Proposed GOAL (%)
OVERALL MBE	24.00%	27.28%
AFRICAN AMERICAN	8.00%	9.09%
ASIAN AMERICAN	0.00%	0.00%
HISPANIC AMERICAN	0.00%	0.00%
WOMEN	11.00%	18.19%
VSBE	1.00%	1.06%

ENGINEER'S ESTIMATE (EE) \$10,065,705.68

BID RESULTS

	BID AMOUNT (\$)	% VARIANCE TO EE
Aldridge Electric, Inc	\$9,406,077.59	-6%
Mona Electric Group, Inc	\$9,784,129.84	-2%
Dvorak LLC	\$9,787,170.00	-2%
McLean Contracting Company	\$11,180,000.00	11%
Brawner Builders, Inc	\$12,309,102.00	22%
Lighting Maintenance, Inc	\$12,371,135.50	22%

BID PROTEST YES NO

FUNDING SOURCE 100% TOLL REVENUE

TAB 3



Maryland
Transportation
Authority

CAPITAL COMMITTEE PROJECT SUMMARY

KH-3020-0000 I-95 EXPRESS TOLL LANES NORTHBOUND EXTENSION MD 24 TO BYNUM RUN

PIN NUMBER 2492
CONTRACT NUMBER KH-3020-0000
CONTRACT TITLE I-95 Express Toll Lanes Northbound Extension Southbound MD 24 to Bynum Run

PROJECT SUMMARY The work to be performed under this contract is located along I-95 (John F. Kennedy Memorial Highway) just north of the MD 24 (Veteran’s Memorial Highway) interchange at HaHa Branch to Bynum Run in Harford County. The scope of work includes the installation of two express toll lanes (ETLs) and three general purpose lanes (GPLs) for I-95 Northbound from the end of the KH 3021 Contract and ultimately transitioning to 3 general purpose lanes at the end of the project limits.

SCHEDULE

ADVERTISEMENT DATE 2/23/2024
ANTICIPATED NOTICE TO PROCEED DATE Aug-23
DURATION (COMPLETION DATE) 9/1/2026

MBE PARTICIPATION

OVERALL MBE
AFRICAN AMERICAN
ASIAN AMERICAN
HISPANIC AMERICAN
WOMEN
NATIVE AMERICAN

VSBE

(\$)
Advertised
GOAL (%) **Proposed**
GOAL (%)

24.00%	24.09%
8.00%	9.52%
-	2.26%
-	0.00%
11.00%	12.31%
-	0.00%
1.50%	1.53%

ENGINEER'S ESTIMATE (EE) \$50,599,317.60

BID RESULTS

BID AMOUNT (\$) **% VARIANCE TO EE**

BID PROTEST YES NO

FUNDING SOURCE 100.00% **TOLL REVENUE**

DXI Construction, Inc.	\$50,913,995.70	1%
Allan Myers MD, Inc.	\$53,227,555.00	5%
Diamond Materials, LLC	\$56,465,726.78	12%
Pessoa Construction Company, Inc.	\$71,992,199.61	42%

TAB 4

**MARYLAND TRANSPORTATION AUTHORITY
RESOLUTION 24-04**

**A RESOLUTION AUTHORIZING AN OFFICIAL
TO TAKE ACTIONS ON BEHALF OF THE MARYLAND
TRANSPORTATION AUTHORITY**

WHEREAS, the Maryland Transportation Authority, an agency of the State of Maryland (the “MDTA”) is authorized and empowered under Section 4-101 through 4-406 of the Transportation Article of the Annotated Code of Maryland (the “Act”) to finance, construct, operate, maintain, and repair “transportation facilities projects” (as defined by the Act), to issue revenue bonds for the purpose of financing the cost of transportation facilities projects, and to perform any actions necessary or convenient to carry out the powers granted in the Act; and

WHEREAS, transportation facilities projects are defined in the Act as projects that the MDTA authorizes to be acquired or constructed, and any additions, improvements, and enlargements to any of those projects; and

WHEREAS, the MDTA provides essential and non-essential governmental functions for the benefit of the people of the State of Maryland and for the improvement of their health and living conditions, and the activities of the MDTA and the operation and maintenance of its projects must be continued at all times, during all weather conditions, traffic, and other emergencies both major and minor; and

WHEREAS, the MDTA Board intends to delegate its authority to conduct such government functions and approvals to the Executive Director, in accordance with certain terms and conditions.

NOW, THEREFORE, BE IT RESOLVED BY THE MARYLAND TRANSPORTATION AUTHORITY THAT:

SECTION ONE. The MDTA Board hereby authorizes the Executive Director, or during the absence or inability of the Executive Director, the Executive Director may designate the Chief Operating Officer, Chief Administrative Officer, Chief Financial Officer, Chief Engineer, or Chief of Police (each an “Authorized Officer”) to discharge or direct the discharge of the executive function of the MDTA’s staff and employees; and to perform the necessary activities of the MDTA, including the operation and maintenance of its projects, during all weather conditions, traffic, accidents, and other emergencies both major and minor on behalf of the MDTA.

SECTION TWO. In exercising the foregoing authority, the Authorized Officer is hereby authorized to take such actions as may be required to continue the business operations of the MDTA.

SECTION THREE. Any such exercise of the foregoing authorization shall be reported by the Authorized Officer to the Executive Director.

BE IT FURTHER RESOLVED, that the authority of the Authorized Officer to take such actions as described above may not be further delegated.

BE IT FURTHER RESOLVED, that this Resolution supersedes MDTA Resolution No. 08-04 dated January 23, 2008 and MDTA Resolution No. 17-04 dated July 27, 2017.

Dated as of: _____

WITNESS:

MARYLAND TRANSPORTATION AUTHORITY

Bruce W. Gartner
Executive Director

Paul J. Wiedefeld
Chairman

**APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:**

Kimberly A. Millender
Principal Counsel

TAB 5



Alternative Project Delivery and Progressive Design-Build



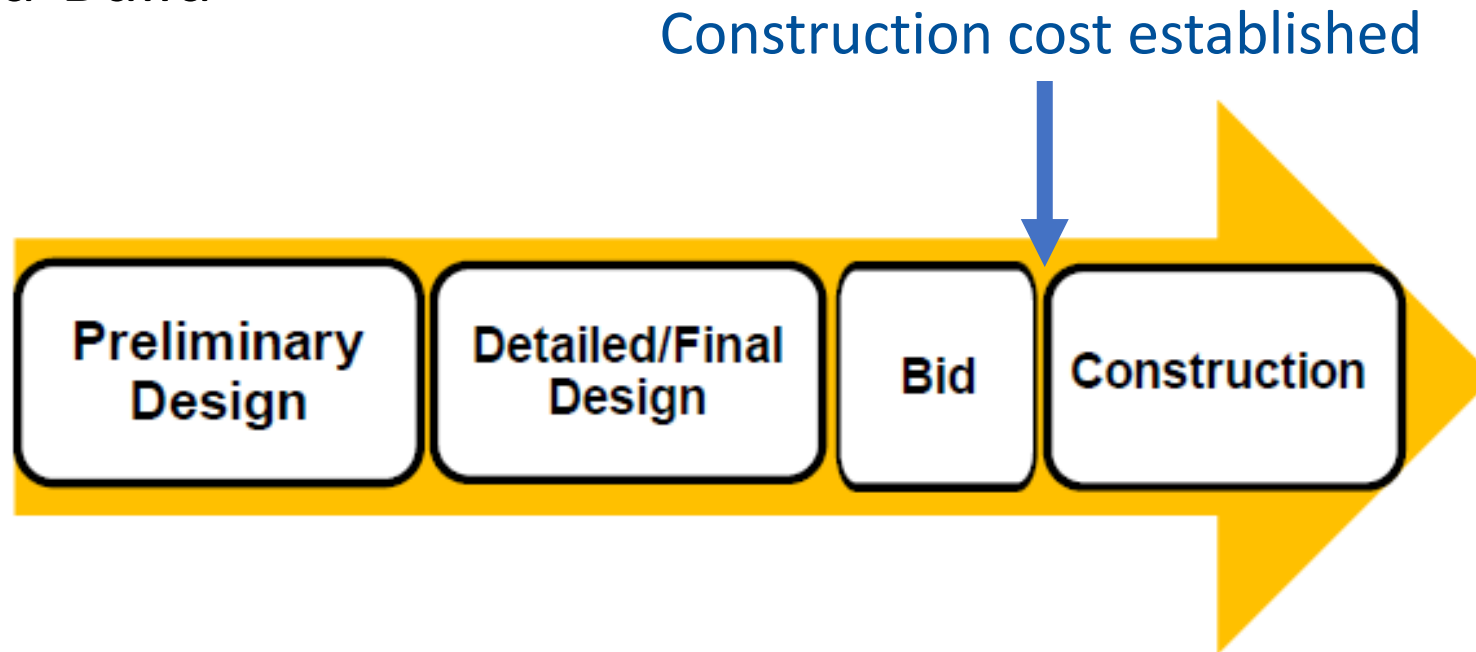
Key Bridge Rebuild

- Three separate procurements:
 - Progressive Design-Build (PDB):
 - Entity that will design and construct the replacement structure
 - General Engineering Consultant (GEC):
 - Owner's support providing oversight, program support, and review of the PDB team's work product
 - Construction Management & Inspection (CMI):
 - Owner's support providing oversight, program support, and inspection of PDB's materials and construction effort



Project Delivery Methods

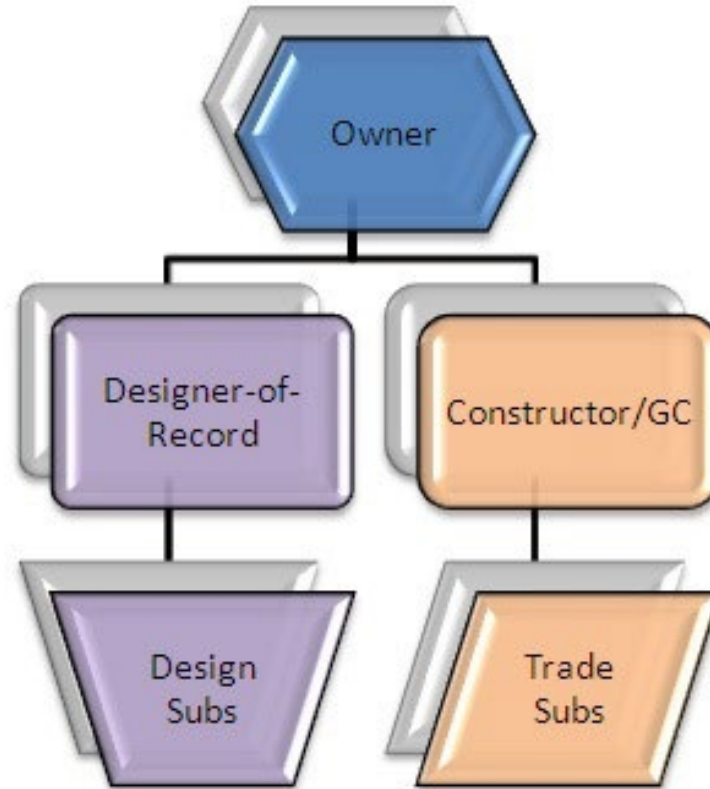
- Design-Bid-Build





Project Delivery Methods

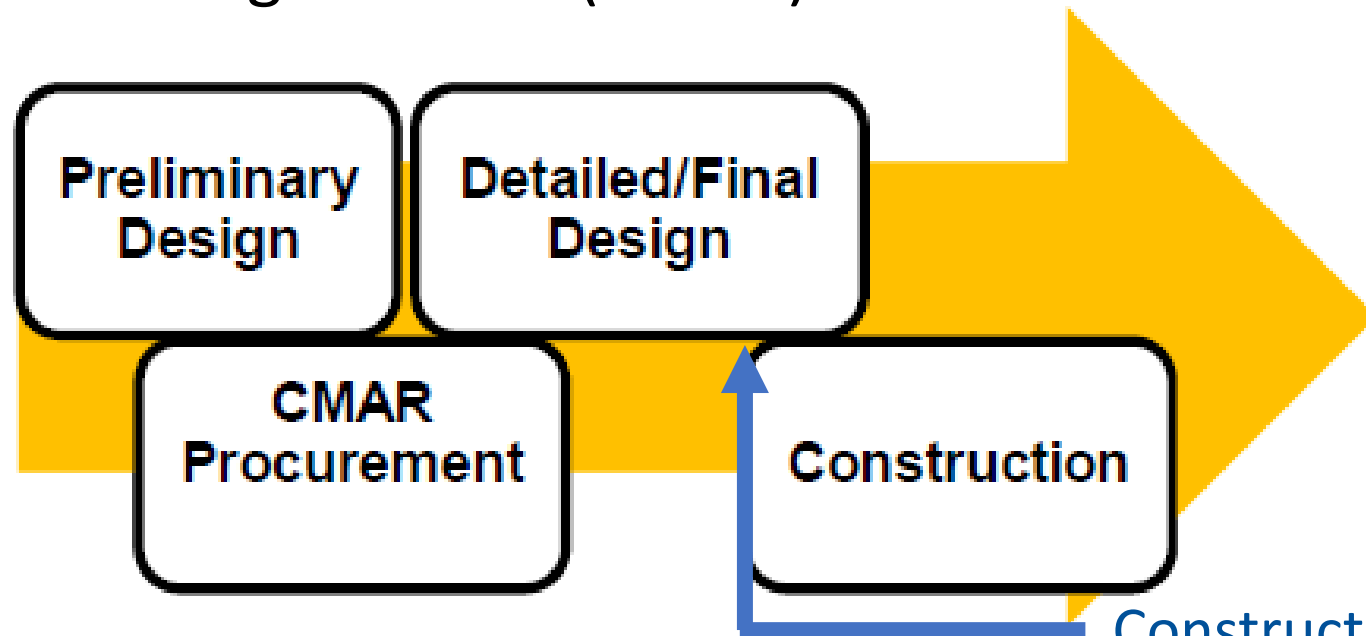
- Design-Bid-Build





Project Delivery Methods

- Construction Manager at Risk (CMAR)

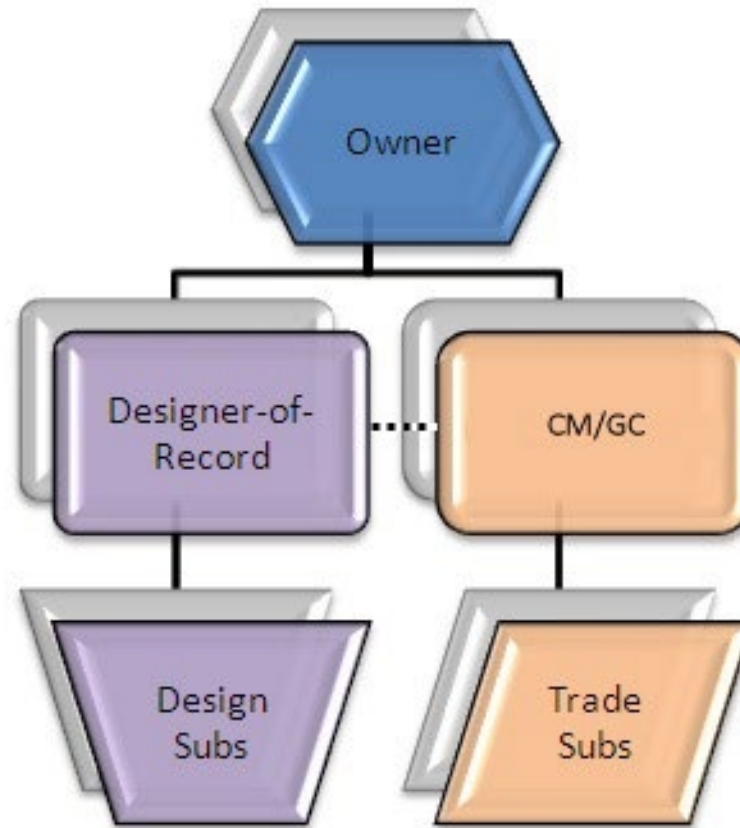


Construction cost established by
Guaranteed Maximum Price



Project Delivery Methods

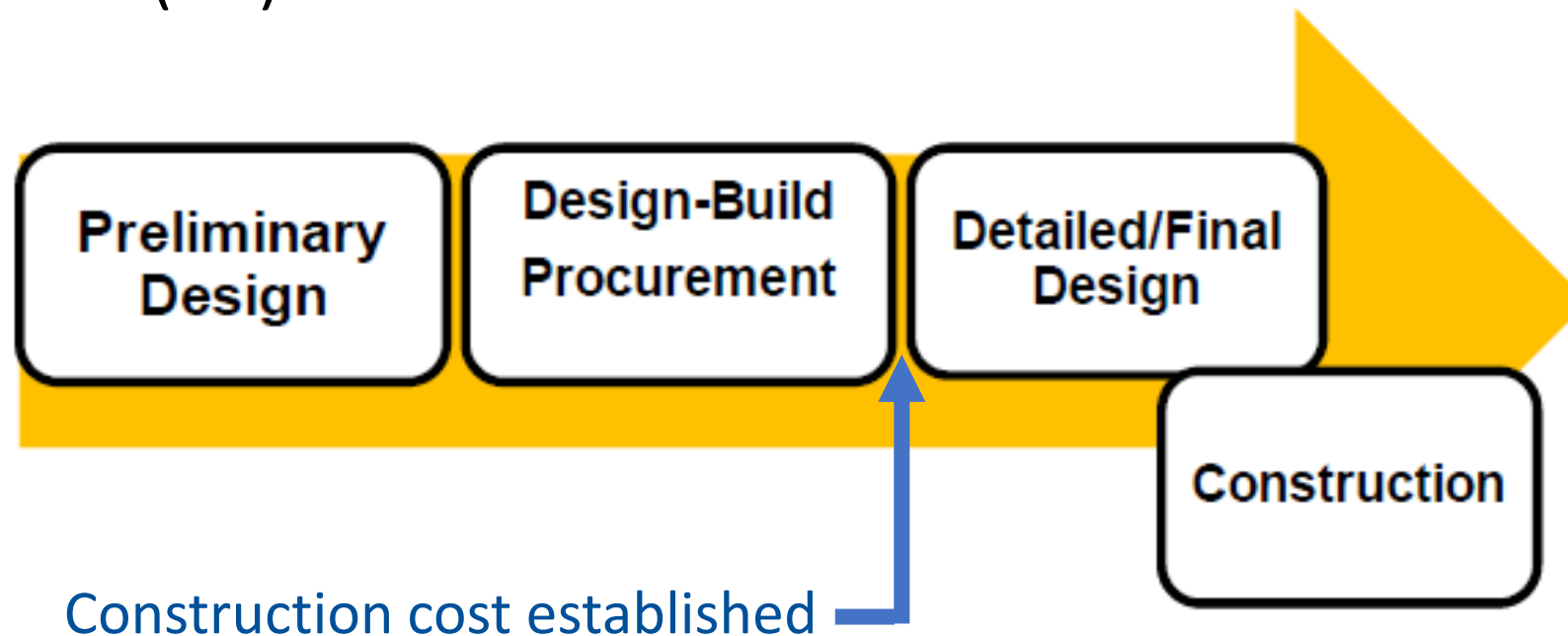
- CMAR





Project Delivery Methods

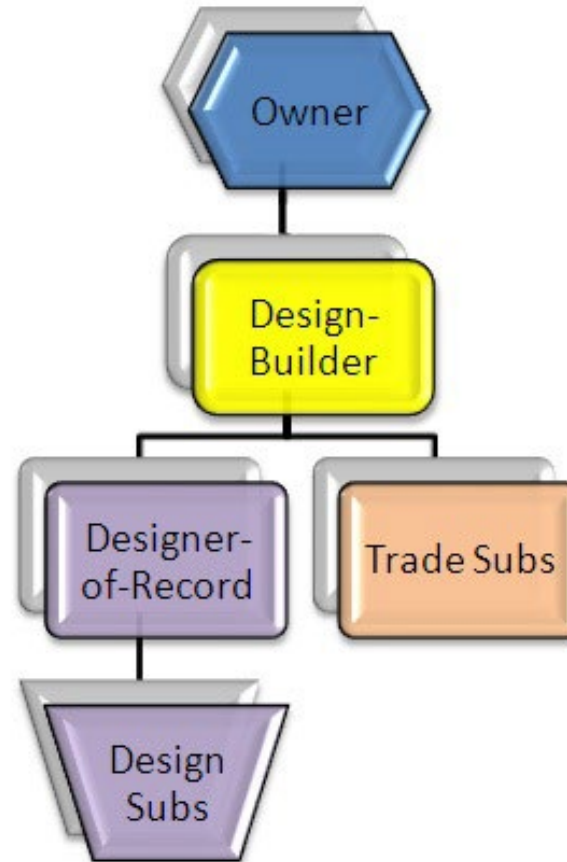
- Design-Build (DB)





Project Delivery Methods

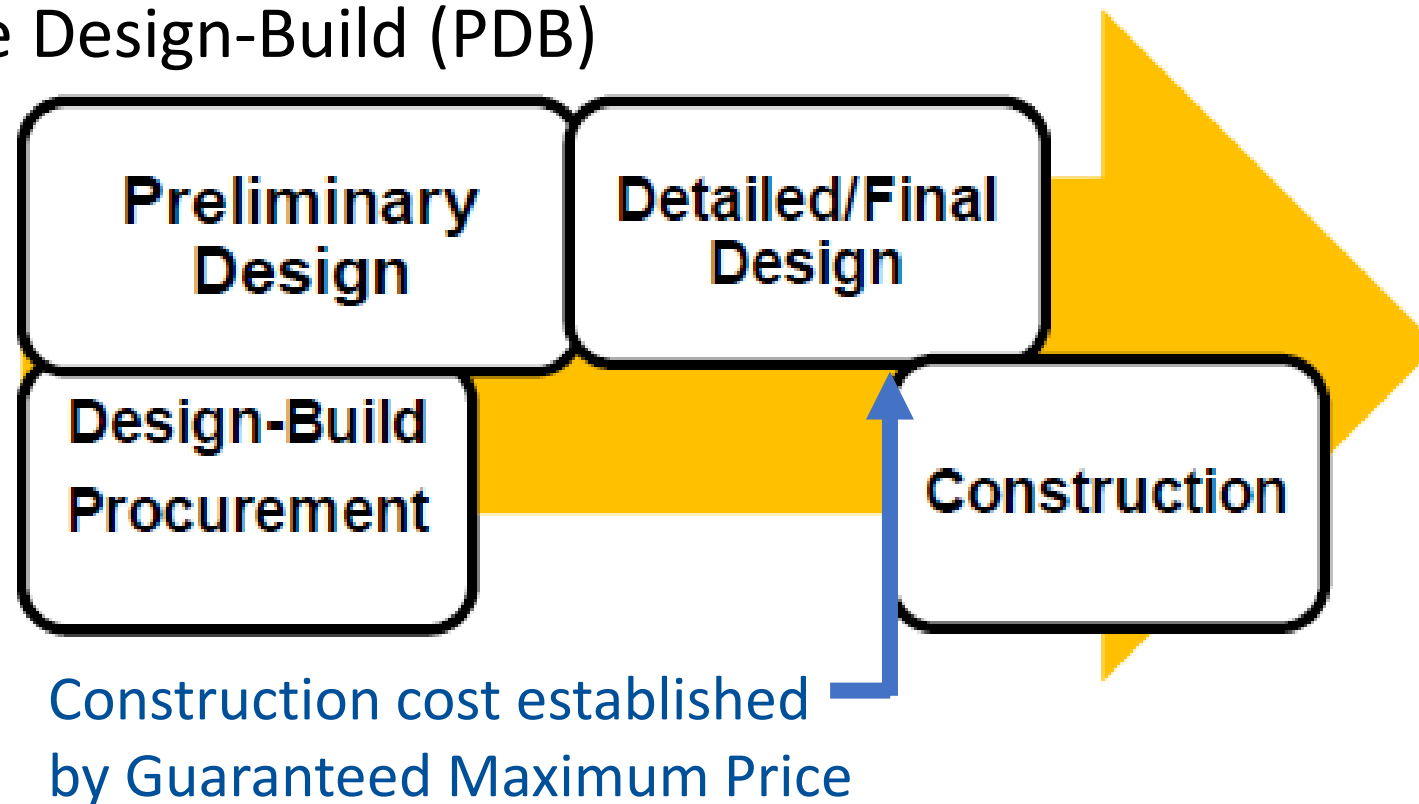
- Design-Build (DB)





Project Delivery Methods

- Progressive Design-Build (PDB)





Reasons to select PDB

- Accelerates and simplifies procurement with minimal project data
- Contractor input in design and alternatives development
- Maintains Designer-of-Record throughout life of contract
- Contractor input on commercial terms
- GMP process provides pricing transparency
- Allows for long lead time procurement and early work packages
- Owner has ability to “off-ramp” and deliver project by other means



Key Bridge Rebuild PDB Approach

Two-Phase Contract with a Single Procurement

D-B Team selection will be based on a combination of qualifications and price for Phase 1.

PHASE 1 (RFP)

Proposals received 6/24





Key Bridge Rebuild PDB Approach

Two-Phase Contract with a Single Procurement

PHASE 2 (No RFP)

Potential for Multiple Work Packages

DBE Goals set per Work Package

Guaranteed Maximum Price (GMP)





Thank you!

Questions?