5-YEAR DB PROJECT
SELECTION PROCESS

92nd Transportation Short Course
### 5-Year DB Project Selection Process

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<td><strong>Step 1: Create Project Portfolio</strong></td>
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<td><strong>Step 3: Project Strategic Need Assessment</strong></td>
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<td><strong>Step 6: Project Procurement Scheduling and Draft 5-Year DB Project Tabloid</strong></td>
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<td><strong>Step 7: Finalize 5-Year DB Project Tabloid</strong></td>
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The timeline above summarizes the timeframes for key activities in the 5-Year DB Project Plan and when information will be presented to the 5-Year DB Planning Committee.
Q: What are the requirements of a Design-Build Project?

A. Has cost estimate of $150 million or more

B. Is not substantially designed

C. A single highway facility between two defined points in a corridor; or two or more contiguous highway facilities

D. Both A and B

E. All of the above
To show this poll

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Open poll in your web browser
Answer: **E. All of the above**

A DB project:

- Has cost estimate of $150 million or more
- Is not substantially designed
- A single highway facility between two defined points in a corridor; or two or more contiguous highway facilities
5-Year DB Project Selection Process

- PM-DIS* is used to create the initial portfolio.
- Projects exceeding $100M in construction cost will remain in the project portfolio^ for further analysis.

*Performance Metrics: Data Integration System
^Projects delivered as a Design-Build have a cost estimate of $150M
# 5-Year DB Project Selection Process

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- **Districts:**
  - Evaluate if there is sufficient project information to run the Alternative Delivery Support (ADS) Tool
  - Confirm the project portfolio includes eligible projects
  - Suggest projects to add or remove according to the minimum criteria

- **Project requirements include:**
  - Cost exceeds $100M
  - Project has not advanced beyond 30% design
  - Final EIS/EA has started or can be completed prior to release of final request for proposals
  - Letting date is or can be within FY 2028
Decision Lens is used to evaluate projects against strategic goal criteria including:

- Safety
- Preservation
- Congestion
- Connectivity
- Environment
- Economic development
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- The top-50 projects from the strategic need assessment in Decision Lens will go through the Alternative Delivery Support (ADS) Tool.
- Districts provided information to support the project readiness assessment.
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### Project Readiness Assessment

The *Project Readiness Assessment* will be conducted in Decision Lens with an emphasis on the project readiness criteria.

- Readiness criteria includes the status of:
  - Environmental clearance
  - Schematic development
  - Permitting, agency coordination, and mitigation requirements
  - Right-of-way acquisition
  - Utility investigations
  - Geotechnical investigations
  - Risk assessment
  - Funding status
Typical procurement and contract execution timelines will be used to map out timeframe for procurements.
5-YEAR DB PROJECT PLANNING TABLOID

Step 7: Finalize 5-Year DB Project Planning Tabloid.

- Receive input and finalize 5-Year DB Project Planning Tabloid.

D-B Cadence: FY Allocation*

Based on anticipated contract execution dates

FY 2018: 2 Projects, $1.40B Cost Estimate
FY 2019: 3 Projects, $2.68B Cost Estimate
FY 2020: 2 Projects, $6.89B Cost Estimate
FY 2021: 1 Project, $7.00B Cost Estimate
FY 2022: 1 Project, $1.78B Cost Estimate

To Be Determined

District
Oak Hill
Carroll
Collin
DFW
Fisher
Fort Worth
Hill Country
Irion
Johnson
Lampasas
Llano
McKinney
Midland
Milam
Nacogdoches
Rusk
San Angelo
San Antonio
San Marcos
Stephens
Tarrant
Taylor
Tarrant
Titus
Tom Green
Travis
Tyler
Val Verde
Waco
Walton
Wharton
Wills Point
Wood
Young

Terminated

Month
Jun
Jul
Aug
Sep
Oct
Nov
Dec

Managers Listed

Yes

No

Yes

No

Yes

No

Yes

No


Order of projects is not indicative of procurement timeline.

*US $123N to be delivered by others.

D-B Cadence: Anticipated Procurement Timeline*

Note: Anticipate schedule shifts to some of the projects currently slated for FY 2023.

Calendar Yr.
2018
2019
2020
2021
2022
2023
2024

Fiscal Yr.

Location Maps

Austinx
Austin
San Antonio
Houstont
Dallas/Fort Worth
Fort Worth
McAllen
Brownsville

Legends:

project color = timeline

RYV clearance
Conditional Award
Procurement timeline (Typical 11 mo.)
Contract execution

3 mo Range

Project costs, scope, and procurement times are still pending analysis.

Contact Information

McMack Molliff, P.E.
Project Manager

Highway Improvement Project
930-343-3830
Website: www.txdot.gov

February 13, 2020 D-0.4

*Through collaboration and teamwork, we deliver a safe, reliable, and balanced transportation system that serves the needs of people and goods.

Texas Department of Transportation

Revised 6/19/2020 4.0
5-Year DB Project Selection Process Funnel

**Results:**
- **Projects:** 2,000+ Reduced to 173
- **Sequenced:** 1-173
- **Sequenced and reduced to approximately 50**
- **Tabloid with 15 DB + 10 additional**

**Tools:**
- **Ads Tool**
- **Decision Lens Tool**
- **Project Procurement Scheduling and Draft 5-Year DB Project Tabloid**
PFD Points of Contact

Decision Lens
- Sachin Kunagalli, P.E.

Alternative Delivery Support Tool
- Randall Grones, P.E.

5-Year DB Project Tabloid
- Mildred Litchfield

Michael Midkiff, P.E.
5-YEAR DB PROJECT SELECTION PROCESS
Questions

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