

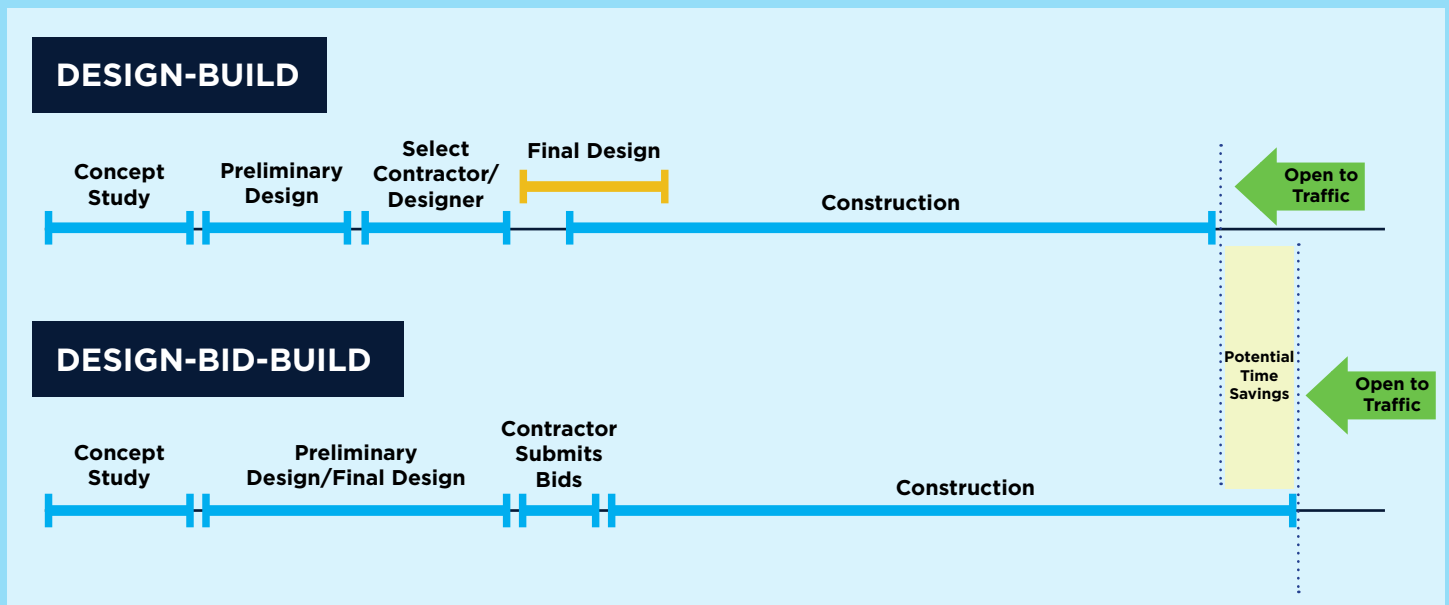


DESIGN-BUILD ON U.S. 69 FACTSHEET

In June of 2021, The City of Overland Park City Council approved adding express toll lanes to U.S. 69 between 151st and 103rd streets, the project received additional required approvals from the Kansas Turnpike Authority (KTA) and the State Finance Council. The Kansas Department of Transportation, in partnership with the KTA and the City of Overland Park will move forward with selecting a design-build contractor to complete the 69Express project. KDOT has chosen to deliver this

large, complex project using a design-build process to help best achieve the project goals. Design-build is an alternative project delivery tool that allows KDOT the flexibility to deliver selected projects more efficiently and cost-effectively by selecting a design-builder to complete the design and construction of the project. Design-build allows the contractor and designer to collaborate early and develop innovative and efficient solutions to meet the project goals.

Design-build streamlines project delivery through a single contract between the owner (KDOT) and the design-build team. Combining the skills of designers and contractors at a project's onset allows for positive collaboration, which can result in faster project delivery, more efficient use of materials, and lower costs.



Generally KDOT uses a design-bid-build project delivery method where KDOT, or a selected design consultant, fully designs a project before advertising for construction bidding. The selected contractor then constructs the project to the plan specifications.

WHY KDOT IS USING DESIGN-BUILD



KDOT acknowledges the challenges of delivering large complex projects with limited resources and competing needs across the state. KDOT will continue to use design-bid-build as a project delivery method, but sees design-build as alternative to also deliver projects for Kansas in a cost effective manner. Design-build can be an especially effective tool to deliver large, complex projects or projects with special circumstances such as the need for accelerated delivery or unusual design elements.

BENEFITS OF DESIGN-BUILD

Each project is evaluated to determine its suitability to be delivered using design-build. Projects benefit from design-build in different ways. Some of the general benefits found by other departments of transportation that have used design-build are:



Faster delivery — according to the Federal Highway Administration, major highway projects can take up to 13 years from inception to completion of construction. According to the American Association of State Highway and Transportation Officials and the Design-Build Institute of America, design-build can cut schedules by 30-50 percent.



Predictable costs — the lump sum bid price for the project is set up front and often allows additional project elements to be completed as part of the project. Any costs associated with post-contract changes are minimized by assigning responsibility for some categories of change to the design-build team.



Innovations — the procurement measures can be written so that design-builders are required to meet performance standards, often resulting in innovations that deliver a better project than initially envisioned.



Single-point responsibility — One entity is held accountable for cost, schedule and performance, which streamlines communication and execution.



Decreased administration burden — owners focus on contract compliance rather than day-to-day management of the project.

Questions:

If you have questions regarding design-build or 69Express, please contact:

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Additional information can also be found on the project website: www.69Express.org

