Understanding the Project Process and UDOT’s Project Delivery

PLANNING

All of Utah’s transportation agencies and Local Metropolitan Planning Organizations (MPOs) work together to develop a Unified Transportation Plan. MPOs gather information and planning documents from cities, counties, and UDOT. The combined data results in a Travel Demand Forecast (currently using 2040), by which projects are funded and programmed.

ENVIRONMENTAL STUDY

Assesses the environmental impacts of a proposed action (road improvements, for example) and alternatives prior to making a decision. This evaluation includes potential impacts to: air quality, noise, wildlife, hazardous materials, historical and cultural resources, social and economic impacts, water resources and wetlands, park lands and other special land use. The design of the proposed improvements are concept-level and conservative in nature in order to create a broad boundary for the study area.

DESIGN - BID - BUILD

- A prescriptive process with a pre-defined work breakdown structure that many project follows, leaving little room for change during construction.
- Contractors are selected by low-bid or price + time.
- UDOT is the owner of the project and plans through design and construction.

UDOT + Designer + Contractor

DESIGN - BUILD

- A performance-driven process where a team of designers and contractors design and build concurrently while staying within the UDOT-specified goals and performance requirements.
- Team selected by best value (qualification and price).
- Performance-based design and construction promotes innovation throughout the process – often accelerating project completion and finding tailored solutions to the project area.
- The Design-Build team owns the plans and construction until UDOT accepts the work.

UDOT + Designer and Contractor

PROGRESSIVE DESIGN - BUILD

- Through a qualification-based selection, a team of contractors and designers join with UDOT in a collaborative environment to develop a design and approach to construction that that minimizes impacts, incorporates public input, and refines costs and constructability processes.
- Shared ownership, assigning the risk to the party that is able to manage and mitigate it the best.
- This collaborative process helps UDOT build the right project.

UDOT, Designer, and Contractor