

**Connecticut DOT**

**Industry Design Build Contracting  
Workshop**

**Contractor Experience with Design Build  
Projects**

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## Design-Build Project Steps

- Project Team Selection
- Project Selection
- Proposal Preparation & Submittal
- Project Design
- Project Construction





## Project Team Selection Process

- Starts Years in Advance
- What DOT Will Build
- Granite Expertise
- Possible JV Partners
- Design Firm Selection



## Project Selection

- Company Advantages/Disadvantages
- Expected Competition
- Use of Shortlist
- Project Risks/Risk Management
- Do we have Staff Available to Build Project
- City, County, Local Government Involvement
- Project Funding
- Design-Builder Selection





## Proposal Preparation

- Need to set expectations early and schedule
- Designer/Contractor Coordination
- Get into Details of RFP
- Understand what DOT wants constructed with this project
- Commit to what you are doing:
  - Write, “we will”, not “we will consider”
- Alternate Technical Concept
- Risk Management



## Design Phase

- Coordination between design team and construction team
- Submissions/Reviews of Plans
- Early release construction work
  - Prior to completion of final design
- Interaction with the owner





## Construction Phase

- Construction Management
- QC/QA
- Change orders with DB
- Methods of Payment
  - Lump sum
  - Unit price
  - Milestone payments
- Design Interaction



# Granite Construction experience with Accelerated Bridge Construction

- SPMT Moves
- Lateral Slide Moves
- Precast elements
  - Deck Panels (Full Depth & Partial Depth)
  - Abutments
  - Piers
  - Approach slabs





**Thank You**

**Questions and Comments**