Construction Procurement Timeline:

- **Planning**
  - Conceptual Estimate and Schedule
  - Preliminary Design & Design Reviews (15% & 30%)
    - Preliminary Estimate
    - Preliminary Schedule
- **Permitting**
- **Real Estate/ROW**
- **Community Involvement**
- **Final Design & Design Reviews (60%, 90%, 100%)**
  - Develop Estimates
  - Develop Construction Time Determination Schedule
  - Constructability Reviews
  - Value Engineering Reviews
  - Risk Analysis

- **Bid Phase**
- **Construction Permitting**
- **Operational impact finalization**
- **Requests for Information**
- **Change Orders**
- **Beneficial Occupancy**
- **Substantial Completion**
- **Final Closeout**

- Payments made against cost and resource loaded construction schedule and documented earned value
Procurement Reforms: Professional Services

• Performance of in house diagnostic of our procurement process, contracts actions process, and payments process.
  • The goal is to eliminate steps in the process (e.g. establishment of a contract signing meeting to expedite the approval process).
  • Eliminate redundant reviews

• Utilize currently awarded General Engineering (On-Call) Contracts to perform full designs
  • Current process limits GEC involvement to preliminary design stage
  • Evaluate potential for using MassDOT Master Service Agreements (MSAs)

• Develop ID/IQ (Indefinite Delivery / Indefinite Quantity) Contracts “House Doctor Contracts”
  • Builds upon recent MassDOT Master Service Agreements (MSA) reforms
  • Currently we have an Emergency Bridge Repair
  • Recommending adding:
    • Track Work Contract
    • Signal Work Contract
    • Facility Work Contract
    • Station Work Contract
    • Snow Removal Contract
    • Vehicle Engineering
Proposed Reforms: Project Procurements

• Amended state law allowing both MassDOT and the MBTA to use a common set of Alternative Project Delivery methods

• Specific reform request include:
  • Design-Build
  • CM@Risk
Accelerated Transit Program

- Accelerated MBTA infrastructure program similar to the MassDOT Accelerated Bridge Program

- Program would provide 8 to 10 years of sustained investment to address state of good repair and other critical infrastructure needs

- Establishment of a dedicated funding stream for specific use on a Accelerated Infrastructure Program similar to Accelerated Bridge Program