

Accelerated Bridge Program

Bicycle and Pedestrian Facilities

District Meetings: ABP Overview

Accelerated Bridge Program

Authorization:

- Chapter 233 of the Acts of 2008
- Project completion by 2016
- Budget \$2.9 billion

Program Goals:

- Improve the condition of the Commonwealth's bridges
- Stimulate economic development and job creation
- Save money by completing projects sooner
- Complete projects efficiently and innovatively
- Provide access and opportunity for all
- Transparency and accountability



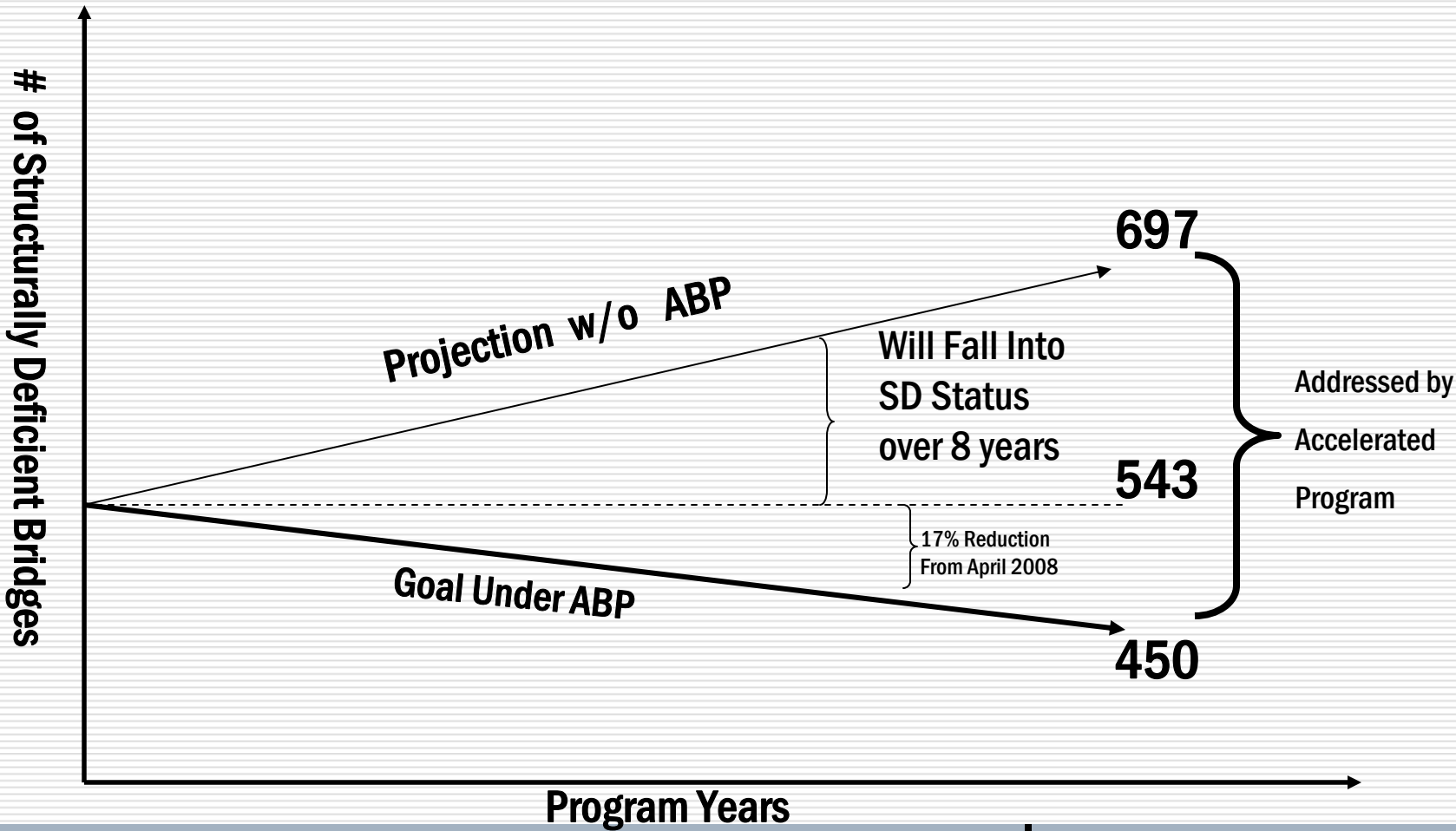


ABP: Where it all began...

Bridges were aging and deteriorating faster than existing funding could address

- 4676 bridges
- 543 were structurally deficient when bill filed
- Decades of insufficient maintenance
- Bridges typically designed to last 50 years
 - 42% of bridges are 40 - 60 years old
 - 60% of bridges are over 45 years old

ABP: Where it all began...





ABP Scope

200 Projects Statewide



Innovation, Efficiency, Transparency

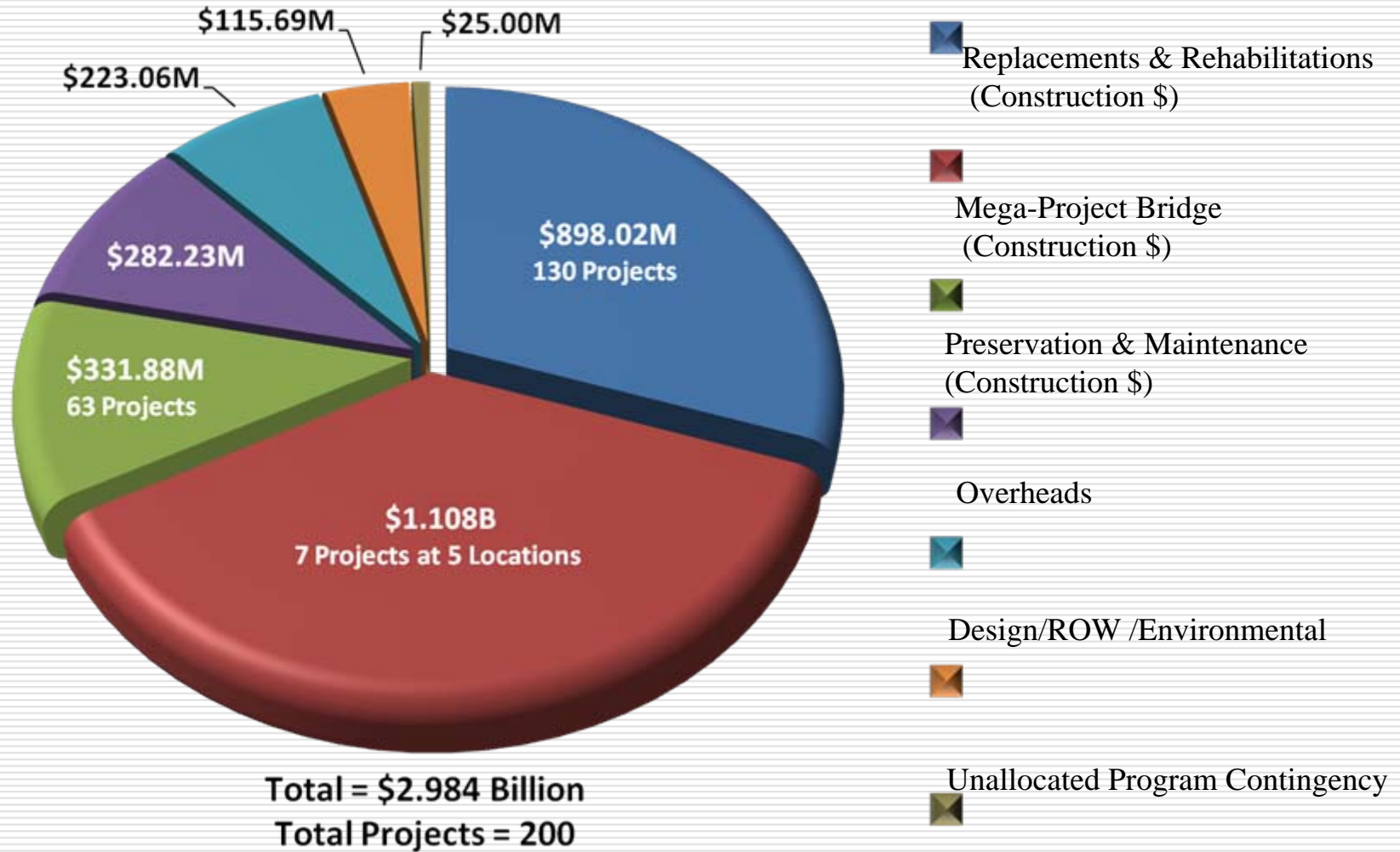
ABP Scope

- **Bridges of all types and sizes**
 - Pedestrian Bridges
 - Landmark bridges
- **Bridges carrying all types of users**
 - Car, bike, MBTA, ped
 - Utilities
- **Site Specific**
- **Preservation**

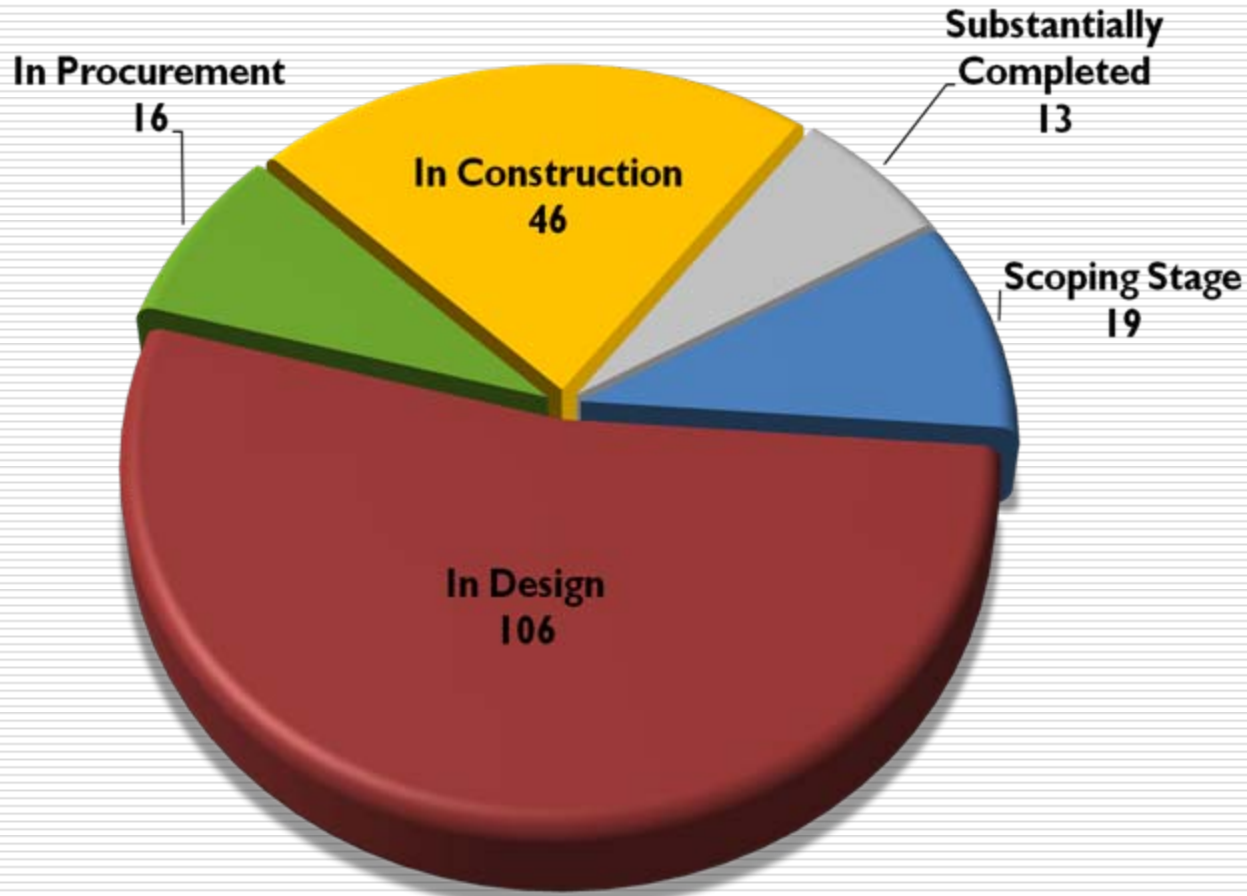


ABP is focused on historic preservation & innovative project delivery.

ABP: Life Cycle Investment Categories



ABP: Current Project Status



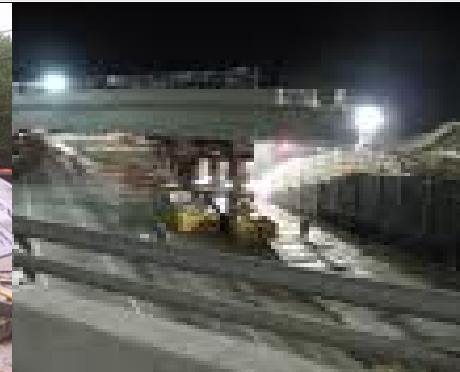
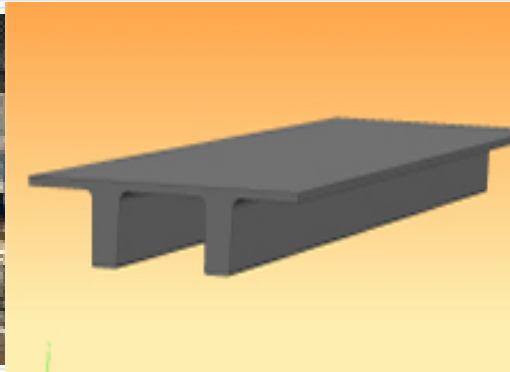


ABP: Doing Business Differently

- Design Build- **5 current projects; more coming**
 - Whittier, Fore River, Burns, CSX, etc.
- A+B Bidding- **coming soon**
- Value Engineering Cost Proposals- **all bids invite alternative cost/time saving concepts**
- Design Controls- **improving estimates, managing design schedules, providing contract time determination on major projects, measuring performance, etc.**
- Construction Controls- **managing cost and resource loaded schedules, recovery plans, etc.**

ABP: Innovative Construction

- **4 NEXT beam bridges**
- **1 Folded Plate bridge**
- **2 Fiber-reinforced polymer deck bridges**
- **Pre-stressed post-tensioned thru girder**
- **Bridge-in-a-backpack- I definite, I possible**
- **Inverset- I site selected**
- **Hybrid Composite beam- looking for a site**



ABP: Community Involvement

Inform

- Share information with the public

Involve

- Obtain public feedback in early phases of projects

Collaborate

- Explore recommendations of the community and identify options where they can be integrated into solutions to the maximum extent possible
- Communicate with the public as decisions are being made and adjusted



Accelerated Bridge Program

- To find out more about the Accelerated Bridge Program, please visit our website at: www.mass.gov/acceleratedbridges.
- To find out more about a specific MassDOT project, please follow the Project Info link from the Highway Division website at: www.massdot.state.ma.us/highway/

