
MassDOT/MBTA
2021 – 2025 Capital Investment Plan (CIP)
Update for the Capital Program Committee

December 11, 2019

Overview

The 2021-2025 CIP is the fifth rollover of the combined MassDOT/MBTA 5-year capital plan that was first launched with the 2017-2021 CIP

- **CIP Development Calendar**
- **CIP Process Improvements for 2021-2025 CIP**
- **CIP Milestones**

Overview of CIP Calendar

December	<ul style="list-style-type: none">• Initial program sizing• Number of programs and program definitions (purpose and need) are finalized• E-STIP application "Go Live" (new)• Financial guidance (FHWA, FTA, A&F)
January	<ul style="list-style-type: none">• Finalize CIP program sizes• Project scoring• Develop preliminary estimate of sources• Federal OA /targets (MARPA) distributed to MPOs & Highway Division
February	<ul style="list-style-type: none">• MassDOT Divisions and MBTA conduct "Readiness Days"• Public & Stakeholder engagement (Phase 1)• Draft project selection completed by Divisions• Final draft of sources & uses
March	<ul style="list-style-type: none">• Fiscal constraints analysis• Lockdown CIP program sizes/draft project lists• MPOs preferred projects selected• Assess proposed programs within context of fiscal constraint• Initial drafting of CIP document
April	<ul style="list-style-type: none">• Sources & uses QA/QC• Final fiscal constraint analysis• Draft TIPs released for 21 day public comment period
May	<ul style="list-style-type: none">• Boards approve the Draft CIP• Draft CIP and STIP released for public comment• Public & Stakeholder engagement (Phase 2)• TIPs are endorsed
June	<ul style="list-style-type: none">• Boards approve the final CIP• STIP is endorsed after public comment period• Final STIP sent to FHWA, FTA, DEP and EPA



MassDOT / MBTA: CIP Process Improvements (2021-2025)

Asset Management

- Incorporation of metrics from Transportation Asset Management Plan (TAMP) for pavement and bridges on the National Highway System (NHS) and Transit Asset Management (TAM) targets for rolling stock; facilities; infrastructure and equipment. Program sizing also to include 2019 Tracker targets, Focus40 recommendations and MBTA capital delivery acceleration plans.

CIP/STIP Alignment Improvements

- New e-STIP application to “Go Live” for development of 2021-2025 STIP
- e-STIP to be used by all stakeholders (OTP, FAPRO, MPOs, Highway Division)

Scoring Improvements

- Additional work underway incorporates new data that improves economic impact project scoring methodology with inclusion of accessibility to jobs information in evaluating new projects resulting in a comprehensive, transparent, and data-driven process

Equity

- Developing an improved methodology to allow for year-over-year and multi-year comparisons and consistent metrics based on analysis of past equity determinations

Engagement

- Focus continues to be on *process* and involves more education on CIP process for underrepresented groups early in the CIP development.

CIP Storyboard

- New storyboard introduced in 2020-2024 CIP layout will be refined and streamlined; tableau platform to be utilized for graphics

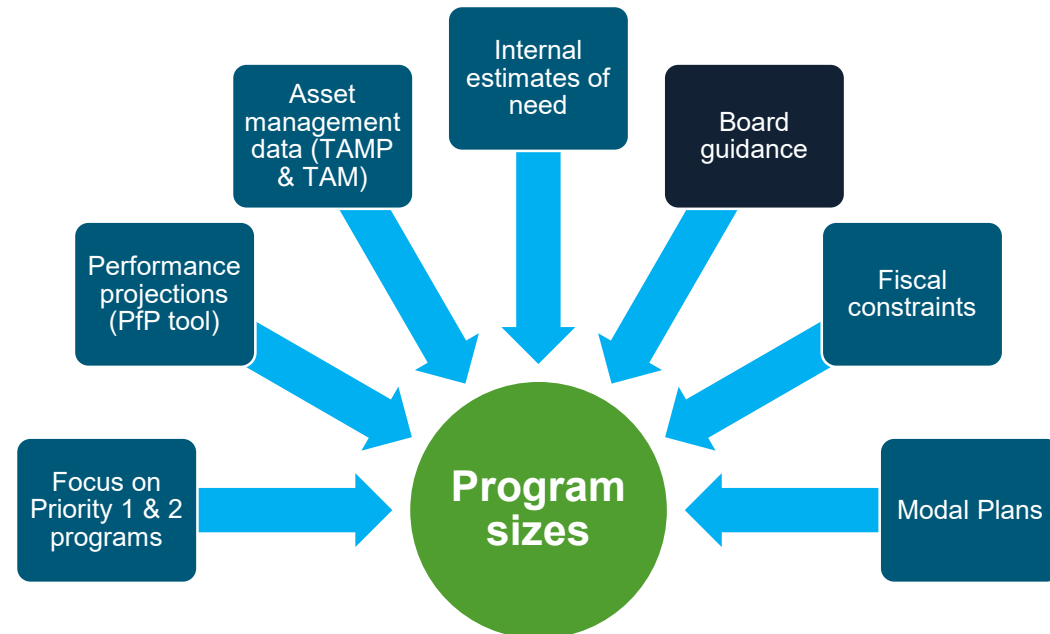
- **What is next for 2021-2025?**

December milestones

- **Priority or program changes?**
 - Determine anything new in policies and/or strategic priorities to be reflected in the next update
- **Preliminary program sizing**
 - Divisions propose program sizes
 - Identify any changes / additions to 2020-2024 CIP programs
- **Financial guidance (Federal, A&F)**
- **Accept data submissions/changes from Divisions to finalize updated project universe template**
- **Targeted process for stakeholder outreach**

Proposed Board engagement:

- CPC meeting
- **Presentation on CIP timeline, CIP milestones**



January milestones

- **Program sizes**
 - Divisions propose program sizes/new programs and other changes
- **Project scoring**
 - Divisions score projects
- **Funding sources**
 - Develop preliminary sources
 - A&F guidance on bond cap targets
 - Federal guidance (FHWA, FTA)
 - Federal OA /targets (MARPA) distributed to Highway Division & MPOs
- **Stakeholder Engagement**
 - Phase 1 public outreach

Proposed Board engagement:

- No CPC meeting

February milestones

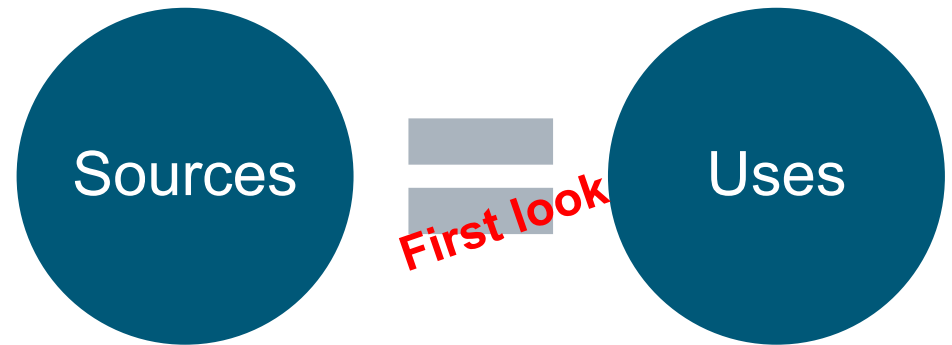
- **Project readiness**
 - Divisions and OTP hold “Readiness Days” to help identify appropriate year(s) for project funding
- **Project selection**
 - Divisions fill programs with proposed projects
- **Refine preliminary sources**
- **Stakeholder engagement continues**

Proposed Board engagement:

- CPC and Joint Boards meetings
- **Presentation on draft preliminary sources and preliminary CIP program sizes and proposed changes**

March milestones

- **Obligations / Cash Flows**
 - Assess proposed programs and projects within context of fiscal constraints and cash flows
- **Finalize program sizes**
- **Preferred Project Lists (MPOs)**
- **Initial CIP drafting**
- **Stakeholder engagement continues**



April milestones

- **Quality controls**
 - QA/QC alignment of proposed projects / eligible funding to CIP programs draft CIP document
- **Obligations / Cash Flows**
 - Run final fiscal constraint check before draft CIP is sent to Board(s) in May
 - A&F and MassDOT staff coordinate on bond cap and other cash equivalents
- **Draft TIPs released by MPOs**
 - 21 day public comment period

Proposed Board engagement:

- **CPC meeting**
 - Sources & uses
 - Engagement update
 - Readiness update



May milestones

- **Draft CIP targeted for release**
 - Joint Board considers the release of the CIP for public comment
 - 10 – 12 public meetings across state (Phase 2 public engagement)
- **Draft STIP released (joint release with CIP)**
 - 21 day public comment period

June milestone

- **Final CIP consideration**
 - Following public comment and revisions, Joint Board considers CIP for final approval
- **TIPs and STIP are endorsed after public comment period**
 - Final STIP sent to FHWA, FTA, DEP and EPA for approval

Looking Ahead: 2022 – 2026 CIP Cycle

- **2022-2026 CIP will be a full reset of capital plan priorities and strategies**
- **Expect next CIP will incorporate new programs / strategies / funding as reflected in the 2019 TBB filed in July**
- **Focus will include investments to address resiliency and climate change**
- **Will continue to use performance targets and metrics to drive proposed investment program sizes**

Next steps

- **Review preliminary program sizes**
- **Develop estimate of preliminary sources**
- **Project readiness and project selection**
- **February CPC meeting**
 - Discuss preliminary programs and sources
 - Update on stakeholder engagement