

Transit Advisory Committee (TAC)-Endorsed Transit Strategic Plan Implementation Plan - DRAFT

Initiated April 2017, updated December 2022.

Notes: Resources not yet identified unless indicated. Resources could come from state, local, and/or private source.

Legend: Blue = new; Yellow = update; Orange = Moved categories; Bold = has TAC role

#	Implementation Item	Transit Strategic Plan Goal	Latest Information	Possible Next Steps			Notes
A. Moving forward - Budget and staff assigned or in progress to be assigned (+ 11 since 2021)							
A1	Develop ideas for Participatory Budgeting projects	2 - Goal 2: Prioritize Funding	No 2022 PB projects	TAC to consider submitting new ideas in 2023			Winning Participatory Budgeting Ideas: (Cycle - Year: Idea) PB 2 - 2016: TSP for MBTA Route 1 PB 3 - 2017: Solar-powered real-time bus tracker
A2	Service / Amenities - Ames Street bus stops	5 - Goal 5: Improve usability, access, service	Ames St at Main Street - planned new shelter (northwest corner)	Waiting to finalize agreement between shelter contractor, MBTA, and City.	City to work with new shelter contractor (Intersection) to install shelter at Ames/Main.		
A3	Amenities - Real-time transit displays - Pilot and PB initiatives	5 - Goal 5: Improve usability, access, service	MBTA reported additional signage installed at Harvard Square's Dawes Island and Eliot Street stops.	Participatory Budgeting "Solar-Powered Real-Time Bus Tracker Displays" project using MBTA signage.	Coordinate with MBTA on their elnk-based realtime signage pilot and bus shelter contract bidding process.	Participation in regional municipal group procurement of real-time signage- ON HOLD	TAC suggested creating a target for a certain percentage of stops by a fixed year. TAC requests to include larger screens in the Participatory Budget project, to be assessed
A4	Bus priority - transit signal priority systems	3 - Goal 3: Improve efficiency and reliability of service	A several pilot installations are underway. Additional funding secured for expanded locations.	TAC to participate in future outreach for projects.	TAC to receive update from MBTA and TPT		Intersections with equipment installed: 1. Mass Ave @ Brookline 2. Mass Ave @ Vassar 3. Mass Ave @ Albany 4. Mount Auburn @ Homer 5. Mount Auburn @ Coolidge (DCR)
A5	Bus priority - TSP Pilot Vassar-Albany	3 - Goal 3: Improve efficiency and reliability of service	Pilot ongoing - MBTA evaluating upgrades to these locations	Evaluation with MBTA	TAC to receive update from MBTA and TPT		
A6	Bus priority - Concord Avenue TSP Corridor	3 - Goal 3: Improve efficiency and reliability of service	MBTA leading procurement - expect implementation in 1H 2023	TAC to receive update from TPT and CDD			Locations: 7-8 intersections between Harvard and Belmont municipal boundary
A7	Bus priority - Belmont Street Reconstruction	3 - Goal 3: Improve efficiency and reliability of service	Construction began in Fall 2022				
A8	Reconstruction - River Street	3 - Goal 3: Improve efficiency and reliability of service	Construction began in Fall 2022				
A9	Reconstruction - Inman Square	3 - Goal 3: Improve efficiency and reliability of service	Changes to Cambridge/Hampshire intersection completed; bus stops reopened in 11/23; other changes ongoing	Potential for update presentation to TAC.			
A10	Expansion - Grand Junction Transit Conceptual Design	4 - Goal 4: Expand service	Multi-use path design has reached 75% design. CRA plans to have a study in the corridor.	Continue to advocate for future Grand Junction two-track service.			
A11	Construction - Huron Avenue (Glacken Field)	5 - Goal 5: Improve usability, access, service	Construction began in Fall 2022				
A12	Service - Bus Network Redesign	4 - Goal 4: Expand service	City staff and council engaged MBTA in process	Advocate for CT4 service, additional buses	TAC review of maps		
A13	Service - MBTA Forging Ahead	1 - Goal 1: Serve all trips	Ongoing service reductions since 2021.	Advocate for return of service, more iterative scheduling			
A14	Service - Bus Facility Modernization	4 - Goal 4: Expand service	MBTA presented plans to renovate North Cambridge garage to convert Trackless Trolleys to Battery-electric Buses. Facility conversion planned for 2023.	Engage in public process			
A15	Expansion - Silver Line Extension	4 - Goal 4: Expand service	MassDOT/MBTA has finished evaluations of alternatives, will select preferred alignments for SL3 extension, and new SL6 in 2023	Engage in public process	Request briefing from MassDOT/MBTA team		
A16	Bus priority - Mass Ave Dudley - Alewife Brook Parkway	3 - Goal 3: Improve efficiency and reliability of service	Installation is complete. Travel time impacts to be analyzed in 2022.	Receive update from city staff			
A17	Policy - TIS Guidelines Update	Other	Ongoing study	Receive update from city staff			

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A18	Bus priority - First/Second, Part 2	3 - Goal 3: Improve efficiency and reliability of service	City will start study in 2023 to identify Second Street low-speed/low-volume bicycle priority street	Participate in any further engagement		
A19	Bus priority - Mass Ave Roseland to Waterhouse	3 - Goal 3: Improve efficiency and reliability of service	"MassAve4" project began design - expect to conclude design in 2023 and construction in 2024	Participate in engagement events		
A20	Bus priority - Mass Ave Beech to Dudley	3 - Goal 3: Improve efficiency and reliability of service	"MassAve4" project began design - expect to conclude design in 2023 and construction in 2024	Participate in engagement events		
A21	Bus priority - Mass Ave Plympton to Dunster	3 - Goal 3: Improve efficiency and reliability of service	"MassAve4 Harvard Square" project began design - expect to conclude design in 2023 and construction in 2024	Participate in engagement events		
A22	Bus Priority - Harvard Bridge	3 - Goal 3: Improve efficiency and reliability of service	MassDOT/MBTA installed queue jump lanes in 11/2022; signalization to come soon	Request update from DOT/DCR/MBTA		
A23	Advocacy - Fare-free pilot	5 - Goal 5: Improve usability, access, service	Participated in council working-group	Participate in engagement events		
A24	Bus priority - Mass Ave Central Square	3 - Goal 3: Improve efficiency and reliability of service	Upcoming redesign process to begin in 2023-24	TAC to participate in engagement.	Potential for extensions of bus lanes	
A25	Bus stops - Mass Ave Central Square	5 - Goal 5: Improve usability, access, service	Upcoming redesign process to begin in 2023-24	TAC to participate in engagement.	Potential for enlarged or relocated bus stops	
A26	Bus priority - Brattle/Aberdeen	3 - Goal 3: Improve efficiency and reliability of service	Upcoming redesign process in 2023	TAC to participate in engagement.	Potential for extensions of bus lanes	
B. Resources not yet identified - Requires new resources; funding strategy under development (+ 3 items since 2021)						
B1	Bus priority - Mass Ave Porter Square Area Beech to Roseland	3 - Goal 3: Improve efficiency and reliability of service	Quick-build cycling facilities must be built by April 2022	Public, stakeholder, and MBTA engagement		NACTO Transit Program Accelerator explored priority treatments in various locations on Mass Ave NACTO Transit Program Accelerator explored priority treatments in various locations on Mass Ave NACTO Transit Program Accelerator explored priority treatments in various locations on Mass Ave
B2	Bus priority - Mass Ave Roseland to Waterhouse	3 - Goal 3: Improve efficiency and reliability of service	Quick-build cycling facility analysis due to City Council by April 30, 2021	Public, stakeholder, and MBTA engagement		
B3	Bus priority - Mass Ave Beech to Dudley	3 - Goal 3: Improve efficiency and reliability of service	Quick-build cycling facility analysis due to City Council by April 30, 2021	Public, stakeholder, and MBTA engagement		
B4	Bus priority - Mass Ave Plympton to Dunster	3 - Goal 3: Improve efficiency and reliability of service	Quick-build cycling facility analysis due to City Council by April 30, 2021	Public, stakeholder, and MBTA engagement		
B5	Bus priority - Mass Ave Sidney to Inman	3 - Goal 3: Improve efficiency and reliability of service	Design process to begin in 2023	Participate in engagement		
B6	Bus priority between North Station and Kendall Square	3 - Goal 3: Improve efficiency and reliability of service	Ongoing coordination with design of relevant streets (e.g., Binney, Third, Main, First -- included below)	Coordinate with major ongoing development projects as they progress (e.g. Volpe site)	Identify resources to engage consultant to analyze tradeoffs, make the case for benefits, and more fully design if appropriate (TAC to review/comment)	Public and stakeholder engagement Kendall Square Mobility Task Force (KSMTF) recommendation
B7	Expansion - Increase EZRide shuttle service	4 - Goal 4: Expand service		Charles River TMA to determine opportunities for service expansion		Kendall Square Mobility Task Force (KSMTF) recommendation
B8	Planning - Transit Strategic Plan - Implementation Plan	Other	City to develop scope.	TAC to participate in engagement.	City to procure consultant support services	TAC can send recommendations of transit plans from
B9	Bus Priority - Harvard Bridge	3 - Goal 3: Improve efficiency and reliability of service				
B10	Expansion - Bus Network Redesign implementation	4 - Goal 4: Expand service		TAC to evaluate/analyze final map + relationship to city and TAC goals	Coordinate with other cities' advisory groups	TAC can make recommendations to MBTA
B11	Update of Transit Strategic Plan - Identify implementable outcomes	Other		TAC to support budget requests		
B12	Update of transit delay and unreliability dataset	3 - Goal 3: Improve efficiency and reliability of service				

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C. Not yet started - Requires new resources, source to be determined (0 new items)						
C1	Usability - Transit wayfinding strategy	5 - Goal 5: Improve usability, access, service	Central Square Bus Access and Circulation Study (2014) includes some routing and wayfinding recommendations. River Street scope has localized signage and wayfinding tasks to support in Central Square	Participate in urban design guideline study		
C2	Bus priority - Alewife Advocacy	3 - Goal 3: Improve efficiency and reliability of service	IQHQ (developer) committed to studying (and building, if approved) a queue jump lane approaching the Alewife intersection.	City to follow-up with MBTA/MassDOT on design process.	TAC to continue to advocate to DOT and MBTA for the importance of this project.	TAC requests that the City advocate for implementing bus priority on non-City-owned roadways
C3	Analysis of development proposals where transit benefits are included in mitigation	2 - Goal 2: Prioritize Funding		TAC to have update on this initiative		
C4	Development of transit analysis in neighborhood plans	6 - Goal 6: Improve outreach and participation		TAC subcommittee to further discuss this idea		
C5	Bus stop design: separated bike lanes and bus stops	5 - Goal 5: Improve usability, access, service		TAC subcommittee to further discuss this idea		
D. Revisit - Ongoing, but needs new focus/energy (+ 1 items since 2021)						
D1	Green Line Extension - bus service planning	1 - Goal 1: Serve all trips	Modifications included in Bus Network Redesign	Review BNR final map		
D2	TAC special permit review and PTDM policy	Other		Work with Envision process or other policy initiatives	Work with Bike and Ped Committees and other transportation working groups	TAC interested in reform of PTDM policy/ordinance. FHWA will release report on parking cash out in July (looked at Boston and Cambridge)
D3	Explore ideas for long-term financial contributions to transit	2 - Goal 2: Prioritize Funding	KSTEP has begun to evaluate project ideas.	Best practices review (may require engaging consultant, students, etc.)	Work with Envision process or other policy initiatives	
D4	Route 85 priority	3 - Goal 3: Improve efficiency and reliability of service	KSMTF included plan for stop consolidation, TSP, and other improvements	Identified some potential bus priority measures in CRA study	Public, stakeholder, and MBTA engagement	Kendall Square Mobility Task Force (KSMTF) recommendation
D5	Implement new CT4 service	4 - Goal 4: Expand service	Northern half is being studied in SLX and BNR	Coordinate with MBTA bus network redesign initiative	Fund outside of service planning process, if required	Advocacy to MBTA in Bus Network Redesign Kendall Square Mobility Task Force (KSMTF) recommendation
D6	Alewife bike-ped bridge (from the Quadrangle toward Cambridge Park Dr.)	5 - Goal 5: Improve usability, access, service	Conceptual designs of bridge and commuter rail station have been completed using mitigation funds; Envision process includes Alewife improvements	Advance design based on developer contributions (no current mechanism to fund construction)		TAC asks whether building another bridge on the east side of Alewife Brook Parkway would provide more equitable access. TAC interested in exploring idea of at-grade crossing.
D7	Policy - PTDM Update	Other	No current plans for PTDM update.	Best practices review (may require engaging)		
D8	Advocacy - KSTEP Participation	2 - Goal 2: Prioritize Funding	Received update from CRA on status of this.			
D9	Bridges over the Fitchburg Main Line	5 - Goal 5: Improve usability, access, service		TAC to have update on this initiative		
D10	Station assessments	5 - Goal 5: Improve usability, access, service		TAC to have update on this initiative	TAC subcommittee to conduct assessments	
E. Ongoing advocacy and coordination (9 items)						
E1	Coordinate with other stakeholders on delays that happen across boundaries, particularly on bridges across the Charles River	Other	GoBoston 2030 identified the need to improve #1 bus service. Coordinating with DOT and DCR on Charles River crossings. Working with MBTA on an initiative to support bus priority on Mass Ave.	Advocate/coordinate with DCR and MassDOT processes		

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E2	Advocate for two-track Grand Junction corridor transit service	4 - Goal 4: Expand service	KSMTF recommended both demand estimation and conceptual design for transit; RailVision completed;	Advocate with MassDOT/MBTA	Engage with Rail Transformation group as opportunities arise		KSMTF recommendation; Advocate for 2-track
E3	Advocate further exploration of upgrading Red Line signaling system	3 - Goal 3: Improve efficiency and reliability of service	KSMTF recommendations and ongoing coordination with MassDOT and MBTA	Advocate with MBTA/MassDOT	Invite Red Line Transformation representatives		KSMTF recommendation; follow-up
E4	Advocate for identifying and funding solutions to known bottlenecks on the Red Line	3 - Goal 3: Improve efficiency and reliability of service	KSMTF recommendations and ongoing coordination with MassDOT and MBTA	Advocate with MBTA/MassDOT			KSMTF recommendation
E5	Participate in MBTA climate vulnerability assessment and advocate to prioritize Cambridge infrastructure as appropriate	7 - Goal 7: Resiliency and adaptation to climate change	MBTA completed a study of prioritizing efforts to mitigate harms of climate change				
E6	MASCO/EZRide access	5 - Goal 5: Improve usability, access, service	MASCO LMA Shuttle M2 tickets now available at City Hall for purchase	Coordinate with AFC2.0 rollout (expected 2024)			
E7	Improve regulations for bus stops and bus facilities	3 - Goal 3: Improve efficiency and reliability of service	City updated regulations in 2018 to define bus lane	Advocate with MassDOT	Advocate with legislature for automated enforcement		
E8	Reform parking minimums	Other		Advocate with City			
E9	MBTA AFC 2.0	5 - Goal 5: Improve usability, access, service	"Fare Transformation" reset in late 2020 and began piloting new readers on existing fare collection equipment and on vehicles	Advocate with MBTA/MassDOT			