



# GREEN LINE EXTENSION PROJECT



**massDOT**  
Massachusetts Department of Transportation



March 13, 2017  
MBTA Fiscal & Management Control Board

# GLX Program Update

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- Schedule Update
- Design Build Delivery Overview
- Request for Proposal
- GLX Affordability Limit
- FTA

# Project Schedule Highlights

**-DRAFT-**

1. Federal Transit Administration (FTA) Risk Refresh 1/25/17 -1/26/17 (Actual)
2. Receive Statement of Qualifications for Design Build (DB) 1/26/17 (Actual)
3. Issue Shortlist for DB Teams 2/17/17 (Actual)
4. Issue Request for Proposals for DB Shortlist 3/14/17
5. Hold One-on-Ones 3/28/17 – 4/20/17
6. Alternative Technical Concept (ATC) Process 6/8/17 – 8/9/17
7. Design Build Proposals Due 9/28/17
8. Bid Opening/Select Design Build Entity 11/28/17
9. Notice to Proceed to Design Build Entity 2/9/18
10. Project Completion 12/10/21



# Design Build (DB) Overview

- Award based upon Best Value analysis (price and technical qualification)
- Concept Design completed by MBTA (included in RFP)
- Final Design developed by Design-Build Entity
  - Mitigates constructability risks
  - Invites innovation
  - Maximizes benefits of performance specifications (design flexibility)
- Schedule efficiencies
  - Construction commences on early work packages while overall project design development is completed

# GLX DB Request for Proposals

- To be issued to shortlisted GLX DB Teams (3 qualified teams)
- DRAFT RFP includes
  - Base scope (7 stations, Vehicle Maintenance Facility, track, power delivery, train control, etc.)
  - Additive Options
  - Define Not-to-Exceed Price (“Affordability Limit”)
    - \$1,319,900,000
    - Includes base scope, allowances, owner’s contingency, additive options (if achievable within Affordability Limit)

# GLX Program Budget

## ***GLX COST CENTERS***

A	<b>Affordability Limit</b>	<b>\$1,319.9 M</b>
B	* <b>Previous Construction</b>	<b>\$203.9 M</b>
C	* <b>Vehicles</b>	<b>\$182.7 M</b>
D	* <b>Real Estate</b>	<b>\$112.5 M</b>
E	* <b>Professional Services</b>	<b>\$414.9 M</b>
F	<b>Unallocated Program Contingency</b>	<b>\$54.9 M</b>
G	<b>Total GLX Budget Estimate</b>	<b>\$2,288.8 M</b>

*\* As provided in the May 9, 2016 Board Presentation*

# FTA Update

- FTA GLX Risk Refresh completed 26 January
- FTA preparing to issue post-Risk Refresh report
- Report to provide FTA opinions of projected GLX costs and schedule compliance
- GLX DB DRAFT RFP issuance is not contingent upon receipt of FTA report



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