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South Coast Rail – Update Joint Board Meeting

April 22, 2019

massDOT
Massachusetts Department of Transportation

T Massachusetts Bay
Transportation Authority

Overview

South Coast Rail has reached two critical milestones

- Finance plan for Phase One is complete and fully funded in the CIP
- Federal and state permitting is largely complete, with Army Corps wetlands permit issued on April 2

Key early actions are on track

- Track work, culverts and bridges
- Acquisition of land for stations is well underway

Time has come to transition project management from MassDOT to MBTA

Permitting Milestones – Ready for Construction

Phase 1 Federal and state permits completed:

- Chapter 91 License - issued January 31, 2019
- MassDEP 401 Permit completed - issued March 22, 2019
- Mass. Coastal Zone Management Consistency Review - issued March 26, 2019
- ACOE Section 404 permit - issued April 2, 2019

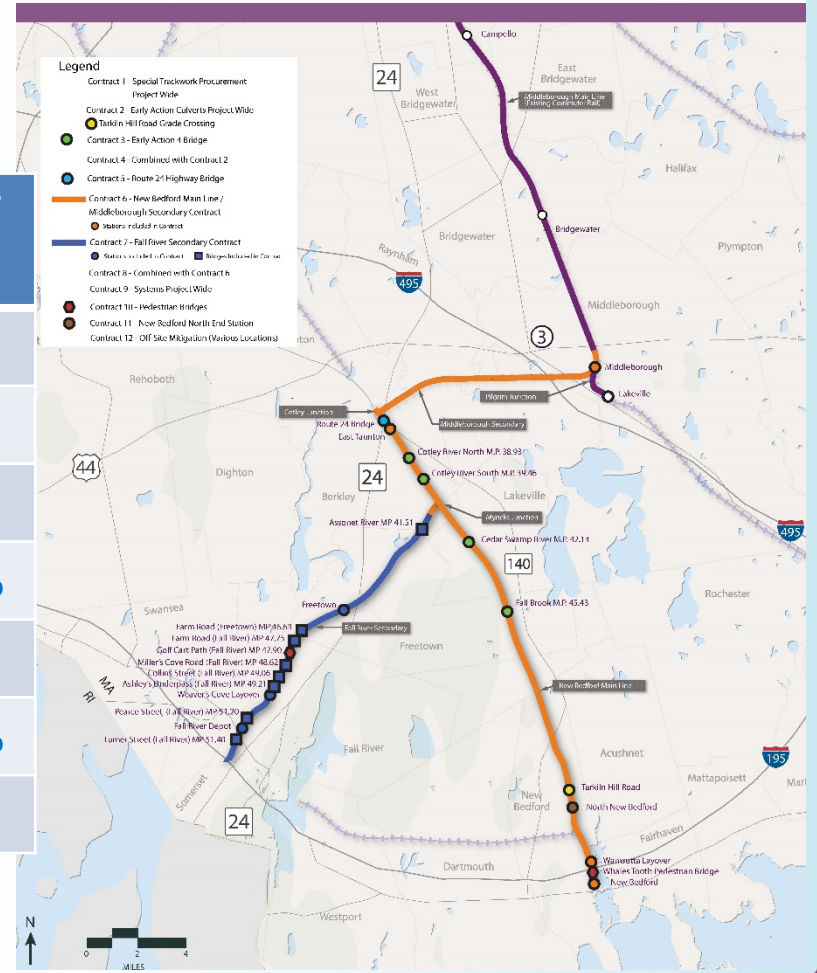
Pending permits:

- Notice of Intent for North New Bedford Station will be filed in June 2019
- Notice of Intent for Off-site Traffic Mitigation filing(s) – To be determined

Phase 1 – Design Update

South Coast Rail Phase 1 Construction Packages

Contract Package	Level of Design
Route 24	25%
New Bedford ML/Middleborough Scdry	90%
Fall River Secondary	90%
Pedestrian Bridges	Pre-25%
North New Bedford Station	30%
Off-Site Traffic Mitigation	Pre-25%
Signal & Communications Systems	90%



Phase 1 – Real Estate Overview

Contract Package	# of Full Takings	# of Partial Takings	# of Permanent Easements	# of Temporary Easements	Leases	Acquisition Timeline for Offer Letters to Recording
EA Culverts/Tarkiln Crossing	26 License Agreements					Aug 14, 2018 – December 31, 2018
EA 4 Bridge	No easements are necessary					
Rt. 24 Highway Bridge	No easements are necessary					
New Bedford ML & Middleborough Sec.	4	6	37	18	6	Oct 2018 – Oct 2019
Fall River Secondary	6	1	5	20	0	Oct 2018 – Oct 2019
Signals & Communications	0	0	49	34	0	Feb 2019 – Oct 2019
Total	10	7	91	72	6	

Status/Program Management

- Phase 1 program management/oversight under transition from MassDOT to MBTA
 - AECOM selected as the new PM/CM team on 3/01/19
 - Contract to be awarded pending FMCB approval
 - MassDOT/MBTA will execute ISA to PM/CM Contract (pending Joint Board approval)
- MassDOT Highway Division and Rail Group will continue to manage early action projects
- Highway Division will program and coordinate Route 24/Route 140 (Taunton Interchange Improvements) in conjunction with the work required to replace Route 24 Bridge over MassDOT tracks

Early Action Projects Underway

- Special track work
 - Award to Progress Rail on 12/14/2018
 - Submitting shop drawings for approval
- Early Action Culverts
 - Award to JF White on 3/6/2019
 - ROW clearing has begun
 - 1st culvert to be installed the weekend of April 27th and 28th
- Early Action 4 Bridge
 - Bids opened on 4/9/2019
 - Contract award pending approval of MassDOT Board



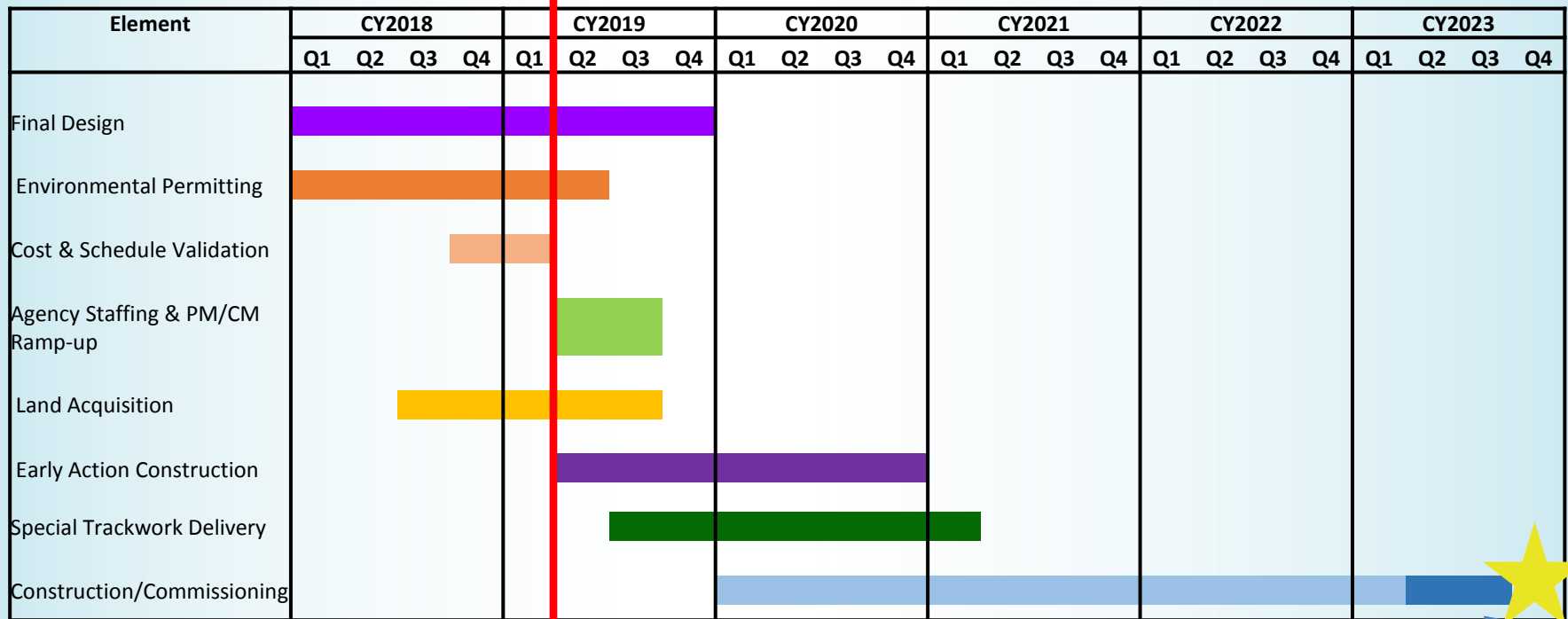
Other Program Activities

- Developing Phase 1 O&M Cost
- Advancing a portion of Northern Corridor 30% Design
- Development of MBTA Commuter Rail Station Design Standards
- Ongoing meetings with communities
- Developing scopes for Force Account Agreements with:
 - Utility Companies
 - Mass Coastal Railroad
 - Keolis Commuter Services
 - Amtrak

Cost and Schedule

- Cost/Schedule validation undertaken by three independent teams:
 - Owner's Rep – WSP
 - Design Review - VHB/HNTB
 - Engineering Validation – PMA
- Validation Schedule:
 - Started on December 10, 2018
 - Completed on March 8, 2019
 - Consensus cost is \$1.047B for phase 1 for FY19-FY24 (includes work to advance full build related to MEPA permit requirements)
- Independent assessment and consensus schedule anticipate completion fall 2023

Phase 1 Schedule



Start of Revenue Service-Sept. 2023

Requested Actions at the Joint Board Meeting

- Award of Early Action 4 Bridge Contract (MassDOT Contract No 609200)
- Award of a Phase 1 PM/CM Contract (MBTA Contract No. K78PS03)
- ISA with MBTA to fund MBTA Contract No. K78PS03 Base Award, Real Estate Acquisitions and MBTA Staffing
- Future Board Actions
 - Construction Phase Services
 - Full Build Preliminary Engineering
 - Commuter Rail Design Standards