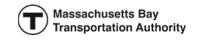


## MassDOT Highway Construction Contract: 106704 SCR Early Action 4 Bridge

**Joint Board Meeting** 

April 22, 2019







## **Purpose and Need**

- Replacement of 4 bridges are part of the overall South Coast Rail Phase 1 Program
- Permitted under the state footprint bridge exemption
- Bridge design load conforms to Cooper E80
- Will allow for passenger service
  - Constructed for higher speeds
  - Restoration of 2<sup>nd</sup> track over the Cotley River Bridges
- Completes reconstruction of railroad bridges on New Bedford Main Line for the South Coast Rail Program



## **Construction Scope**

- Bridges in the Contract include:
  - Cotley River North
  - Cotley River South
  - Cedar Swamp River
  - Fall Brook
- Replacement of one culvert
- 13,330 feet of track replacement
- Contractor to work from existing ROW
- Access sites from Cotley St, Padelford St., Malbone St. and Chace Rd.
- Rapid construction techniques



## **Construction Sequence**

- Ongoing coordination with Mass Coastal Railroad
- Cotley River Bridges
  - Bridges can be reconstructed during regularly scheduled freight service
  - Track 1 is reconstructed and restored
  - Two turnouts are installed so Track 2 can be reconstructed as trains can operate on Track 1
  - Track 2 is reconstructed
- Fall Brook and Cedar Swamp
  - Bridges will be replaced during a eleven day shutdown
  - Preliminary bridge work can be performed during regularly scheduled freight service





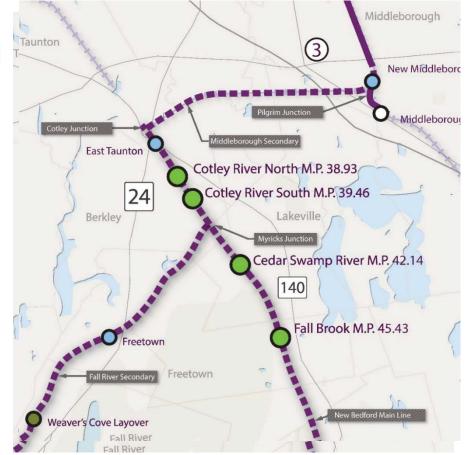
Fall Brook





## **Anticipated Impacts**

- Access sites from Cotley St, Padelford St., Malbone St. and Chace Rd.
- Roadway flaggers are part of the program
- 11 day freight shut down to construct Cedar Swamp and Fall Brook
- All bridges are remote with no residential abutters



## **Public Process Summary**

- During the Phase 1 permitting process held 2 community meetings in March 2018
- Received the MEPA Certificate for Phase 1 in June 2018
- Starting in FY18, attended Conservation Commissions meetings in Berkley, Freetown, and Lakeville
- Received Order of Conditions from the three communities in FY18
- Continue to meet with individual communities within the project area

### 6

Massachusetta Bay Transportation Authority



Prepared for

Massachusetts Department of Transportation Ten Park Plaza Boston, Massachusetts

Prepared by The VHB/HNTB Team – a Joint Venture 99 High Street, 10th Floor Boston, Massachusetts

Contract No. 99771

**JANUARY 31, 2018** 



# South Coast Rail

Draft Supplemental Environmental Impact Report



## Program Schedule

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## **Construction Procurement**

- Project was advertised on December 22, 2018
- Engineer's Estimate was \$25,244,095.00
- Bid Opening was on April 9, 2019
- Eight (8) Bids were received:

\$21,977,824 J F White Contracting
\$22,209,000.00 Barletta Heavy Division
\$22,994,535.20 D W White Construction
\$24,749,445.19 MAS Mohawk JVI
\$24,869,779.00 A A Will Corp
\$24,884,964.00 Manafort Brothers
\$26,637,576.50 MIG Corporation
\$27,275,042.00 Skanska USA Civil Northeast

• The difference between the low and engineer's estimate is due to J F White already mobilized for the MassDOT Rail & Transit Culvert contract.



## **Overall Project Budget**

Line Item	Budget
Bid Amount	\$21,977,824.00
Contingencies (10%)	\$2,197,782.40
Railroad Flaggers	\$847,990.00
Traffic Control	\$25,000.00
5% Construction Engineering	\$1,089,891.20
Total	\$26,147,487.60

# **Design Engineering = \$2.1M**



## **Request of the MassDOT Board**

Staff request that the MassDOT Board authorize the Secretary of the Massachusetts Department of Transportation, or her designee, to award and execute MassDOT Construction Contract 106704: SCR Early Action 4 Bridge with J F White Contracting for an amount not to exceed \$21,977,824.00