



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

## Joint Board Meeting

April 22, 2019





## Purpose and Need

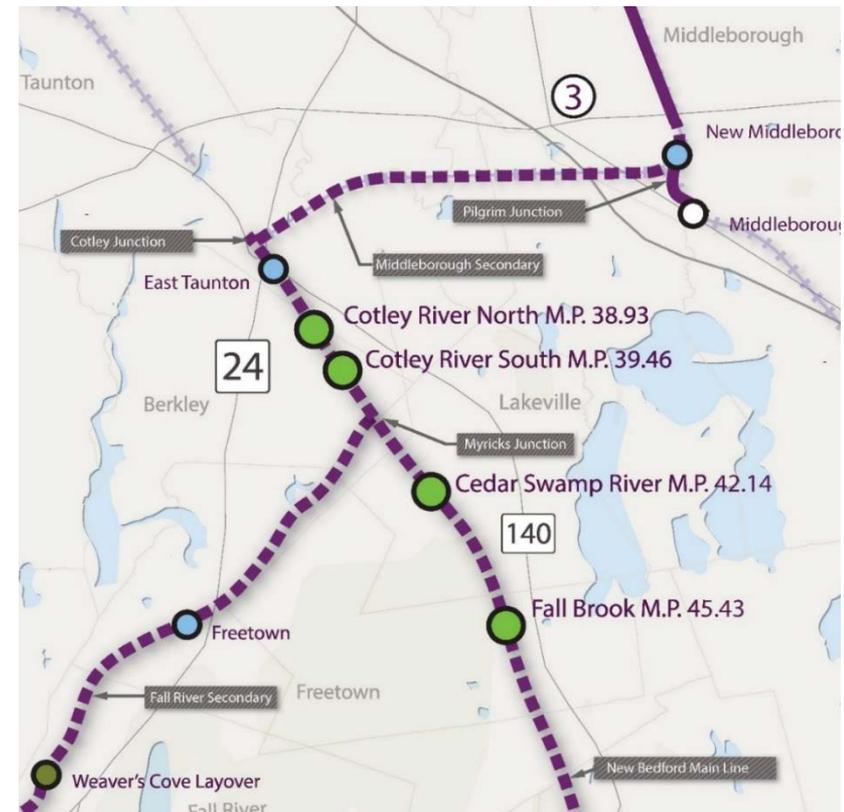
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- Replacement of 4 bridges are part of the overall South Coast Rail Phase 1 Program
- Permitted under the state footprint bridge exemption
- Bridge design load conforms to Cooper E80
- Will allow for passenger service
  - Constructed for higher speeds
  - 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

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- 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



Cotley River  
(South)

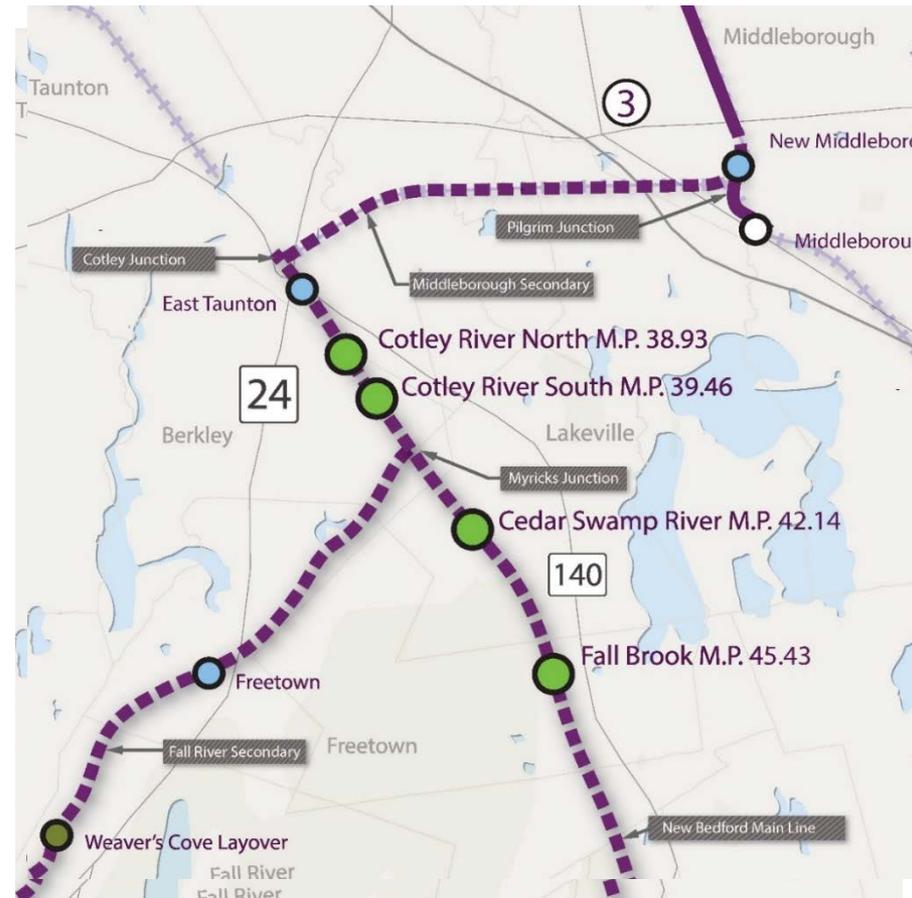


Fall Brook



## 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

**SCR**  
SOUTH COAST RAIL

# South Coast Rail

Draft Supplemental Environmental  
Impact Report

**massDOT**  
Massachusetts Department of Transportation

Massachusetts Bay  
Transportation Authority

**Prepared for**  
Massachusetts Department of Transportation  
Ten Park Plaza  
Boston, Massachusetts

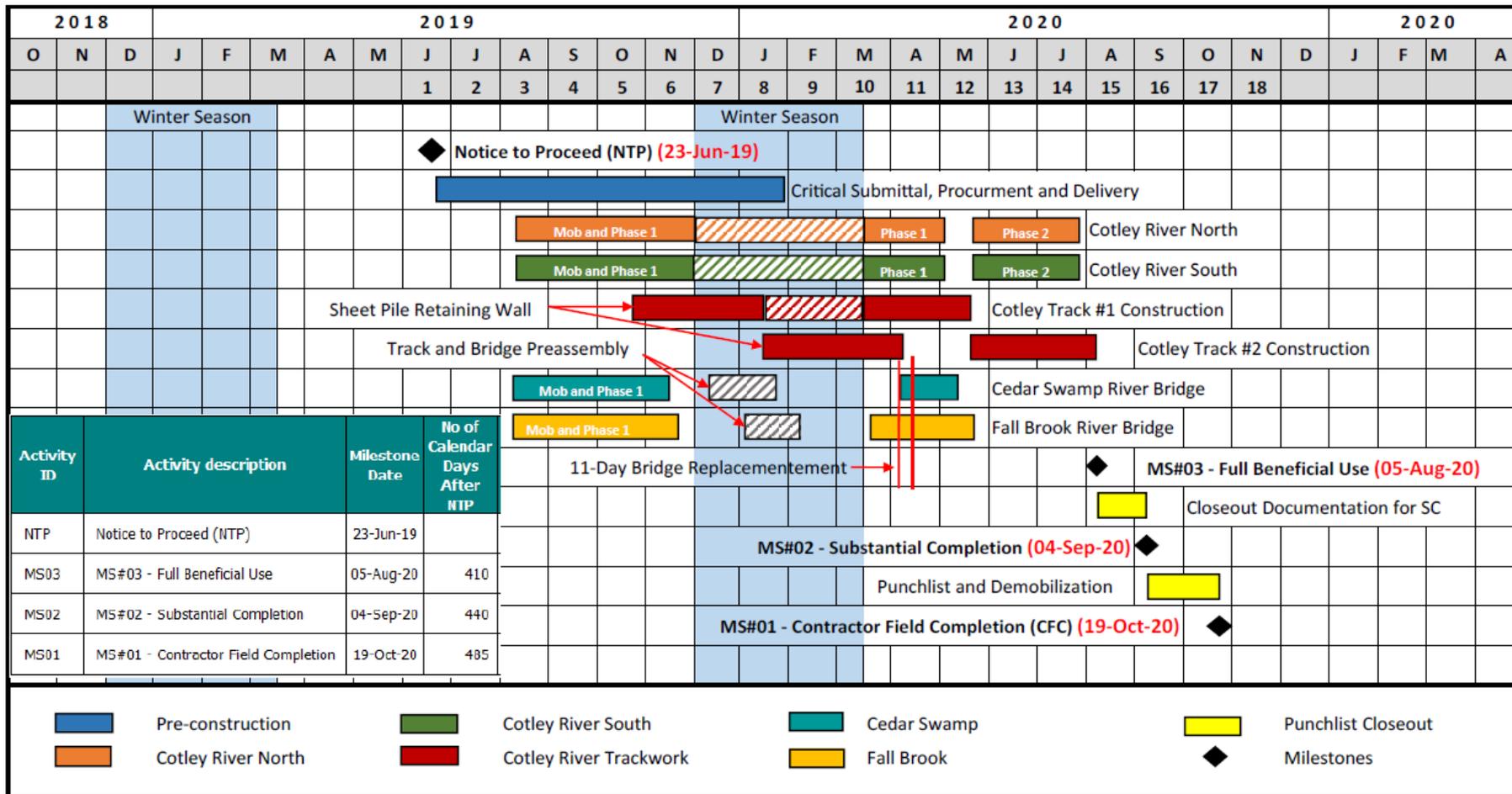
**Prepared by**  
The VHB/HNTB Team – a Joint Venture  
99 High Street, 10th Floor  
Boston, Massachusetts

Contract No. 99771

JANUARY 31, 2018



# Program Schedule





## Construction Procurement

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- 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

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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
<b>Total</b>	<b>\$26,147,487.60</b>

**Design Engineering = \$2.1M**



## Request of the MassDOT Board

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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