



MassDOT Highway Construction Contract: 106704 SCR Early Action 4 Bridge

Capital Programs Committee

April 17, 2019



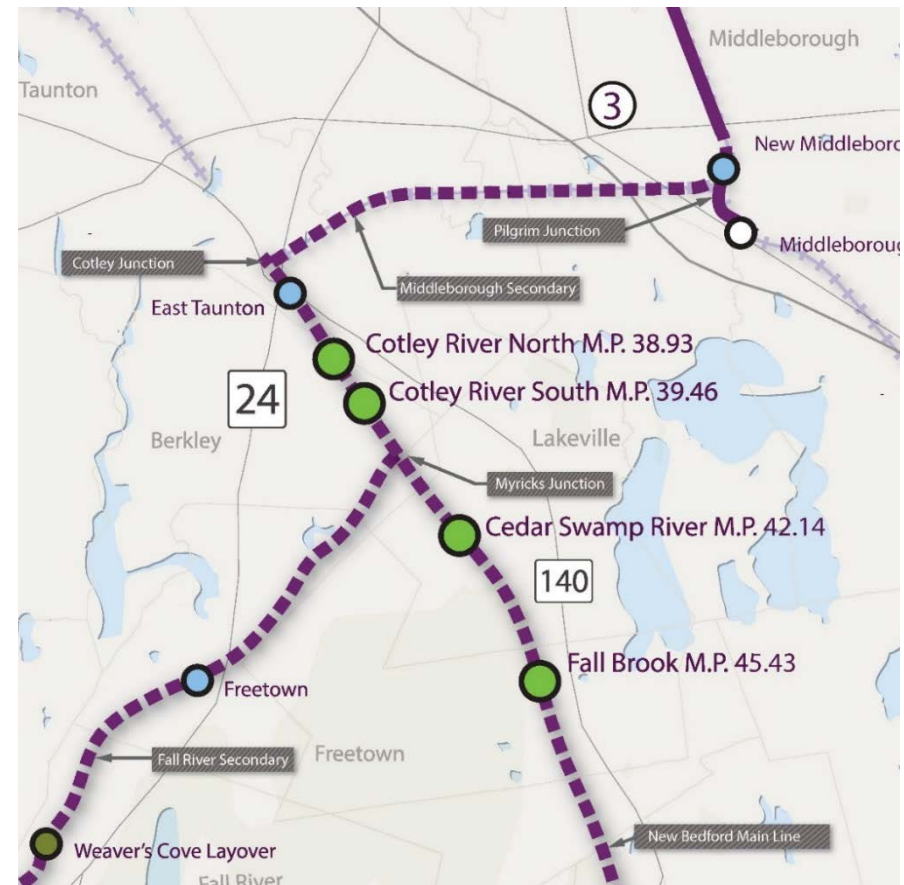
Purpose and Need

- 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 2nd 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



Cotley River
(South)

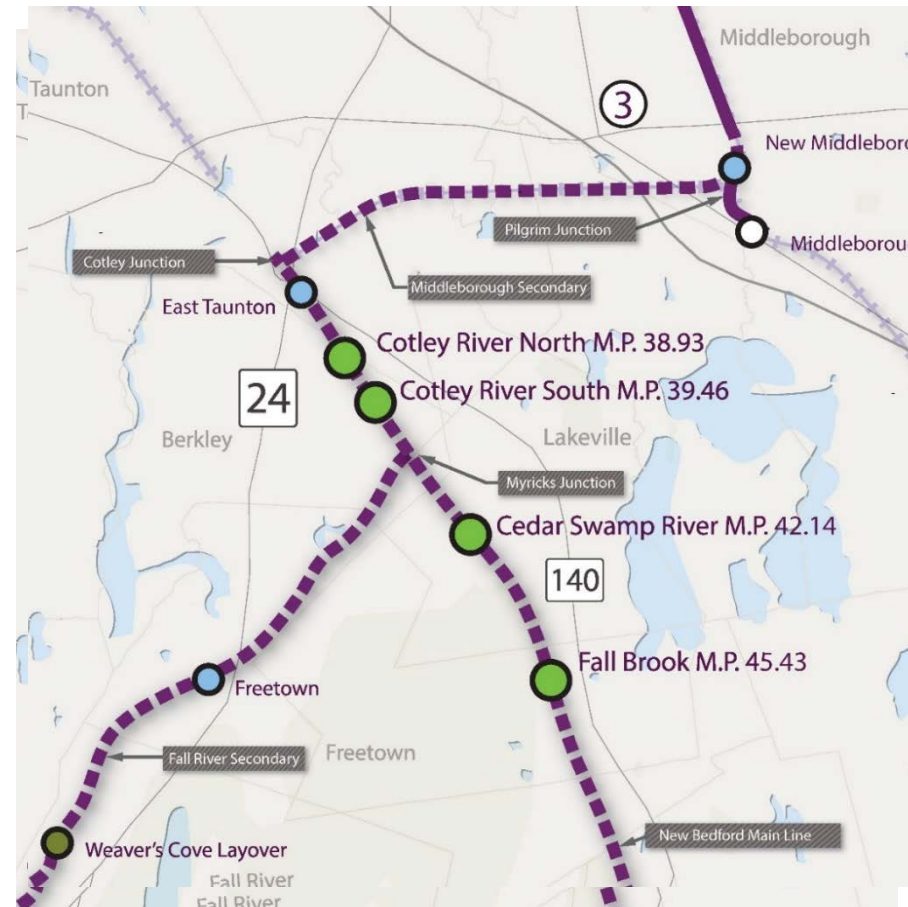


Fall Brook



Anticipated Impacts

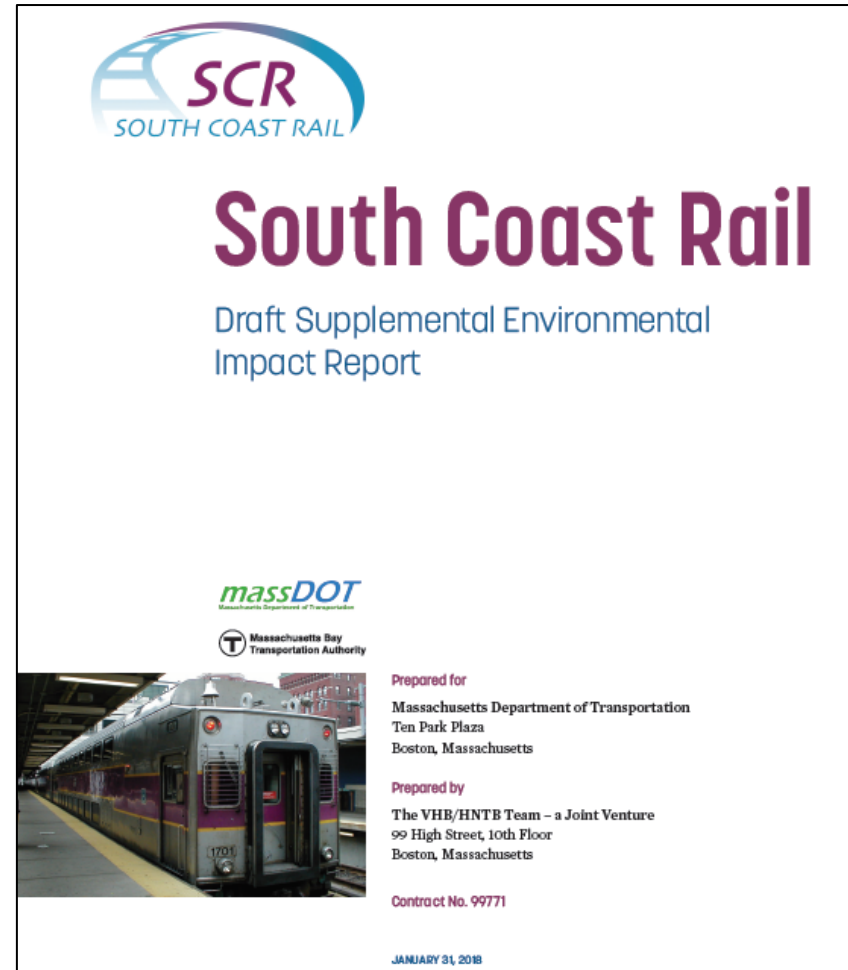
- Access sites from Cotley St, Padelford St., Malbone St. and Chace Rd.
- Roadway flaggers are part of the program
- 11 day freight shut down to construct Cedar Swamp and Fall Brook
- All bridges are remote with no residential abutters

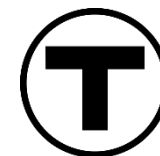




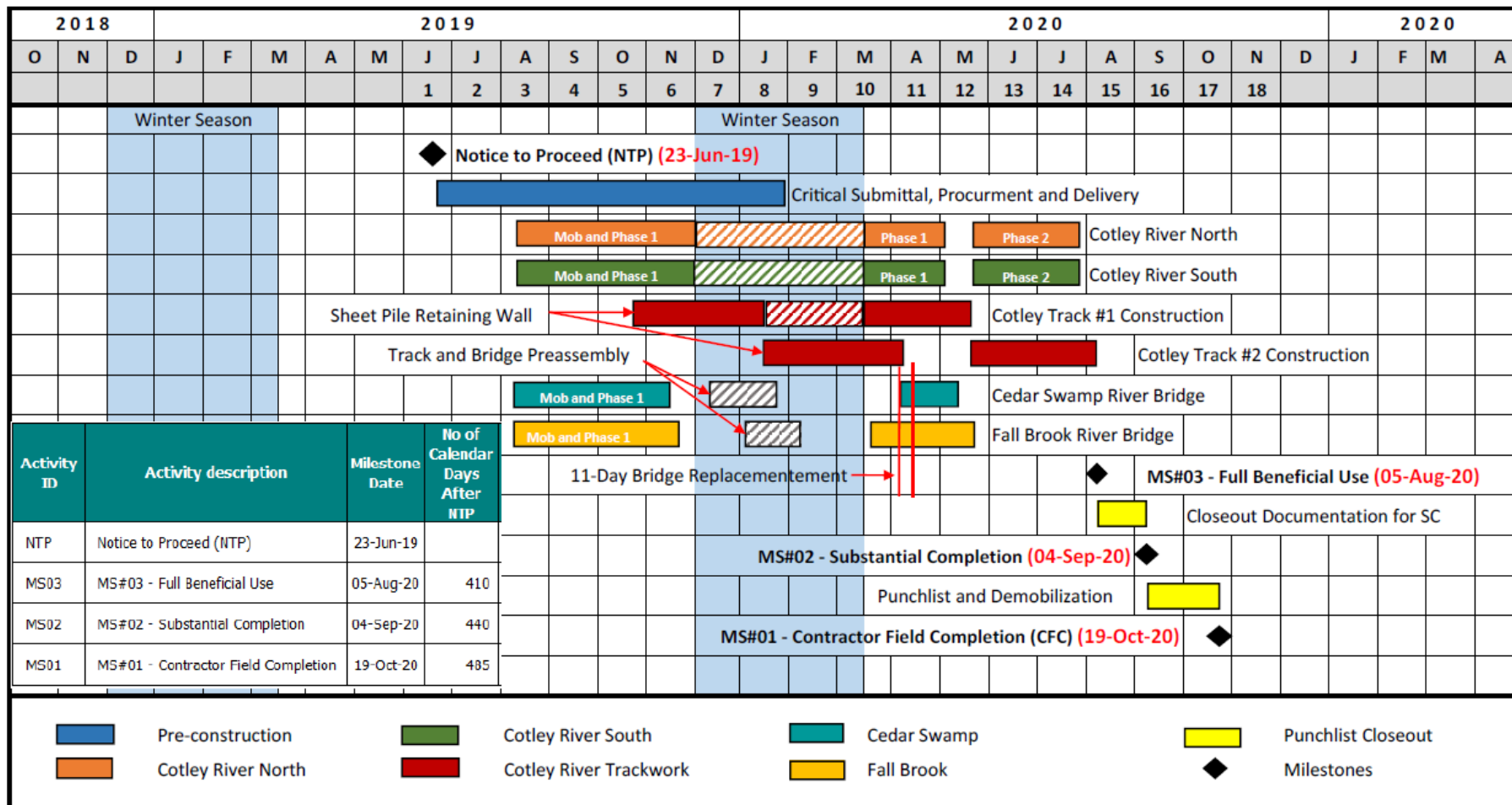
Public Process Summary

- 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





Program Schedule





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. ■