

# Fore River Bridge Longfellow Bridge

MassDOT Board of Directors Update  
September 17, 2018

# Overview

- Discussion of two projects that required settlements.
- Fore River Bridge final total of \$268M is \$5M less than original encumbrance (\$273M).
- Longfellow Bridge final total of \$305.5M is 1% over original encumbrance (\$303.7M).

# Projects

## Background

- Both projects are part of ABP program
- Two of the five mega projects in ABP
- Both procured using Design/Build methodology



## Fore River Bridge (71680)

- Original Bid Date July 25, 2012
- Bid Amount - \$244,622,670
- Original Encumbrance - \$273,528,136
- Notice to Proceed - October 15, 2012
- Original Completion Date – January 5, 2017
- Design/Build Team – White/Skanska/Koch JV

## Fore River Bridge

- Bridge Opened to 4 lanes of Traffic September 16, 2017
- On-going in-water work for fender system
- Projected Completion April 30, 2019

## Fore River Bridge

### Factors that Impacted Project Schedule

- Sheave Fabrication
- Prescriptive Design in BTC



## Fore River Bridge Settlement Summary

ITEM	AMOUNT
Bid Amount	\$ 244,622,670.00
Overruns	\$ 795,868.70
Underruns	\$ (66,900.00)
Price Adjustments	\$ (40,000.00)
Extra Work orders	\$ 4,943,620.75
<b>Settlement \$\$**</b>	<b>\$ 14,614,740.55</b>
<b>Total (Less Police)</b>	<b>\$ 264,950,000.00</b>

Police Costs	\$ 3,136,636.61
<b>Grand Total</b>	<b>\$ 268,086,636.61</b>

Original Encumbrance \$ 273,528,136.00

\*\* Fore River Settlement = Outstanding PCO's/NOD's/NOA's (including Sheave)

\*\* Numbers Based on Period End Date of 6/30/2018 - Estimate #119

## Longfellow Bridge (72699)

- Original Bid Date January 30, 2013
- Bid Amount - \$255,489,000
- Original Encumbrance - \$303,655,500
- Notice to Proceed - March 25, 2013
- Original Completion Date – November 15, 2016
- Projected Completion Date – December 1, 2018
- Design/Build Team – White/Skanska/Consigli JV



## Longfellow Bridge

- Bridge opened to all modes of Traffic May 31, 2018
- Pedestrian Bridge opened August 31, 2018 without stair access
- Substantial Completion – Entire Project October 31, 2018
- All Work to be completed by December 1, 2018

## Longfellow Bridge

### Factors that Impacted Project Schedule

- De-leading and Paint Issues
- Revised Design to Partners Steam Line
- Incompatibility of Specified Hot Dip Galvanizing and Riveting
- Initial Paint Submittal Delays
- Changed Steel Profile Due to Existing Conditions
- Fit-up Issues Regarding Existing Conditions
- Changes to a Historical Structure

# Longfellow Bridge Settlement Summary

ITEM	AMOUNT
Bid Amount	\$ 255,489,000.00
Overruns	\$ 294,000.00
Underruns	\$ (134,950.00)
Price Adjustments	\$ (233,565.43)
Extra Work orders	\$ 16,576,680.61
<b>Settlement \$\$**</b>	<b>\$ 23,958,834.82</b>
<b>Total (Less Police)</b>	<b>\$ 295,950,000.00</b>
Redline Incentive (Potential)	\$ 3,000,000.00
Police Costs	\$ 6,582,343.74
<b>Grand Total</b>	<b>\$ 305,532,343.74</b>
Original Encumbrance	\$ 303,655,600.00

\*\* Longfellow Settlement = Delay Claim

\*\* Numbers Based on Period End Date of 6/30/2018 - Estimate #91