Presentation to

MWRA Board of Directors

Chelsea Creek Headworks Upgrade
BHD/BEC, JV 2015
Contract 7161 - Change Order 3

July 19, 2017
Chelsea Headworks Upgrade: PCB Encapsulation
Chelsea Creek Headworks: PCB Encapsulation
Chelsea Creek Headworks: HVAC Replacement
SEH Redundancy Pipeline Section 111
Boston, Contract 6454
P. Gioioso & Sons, Inc.
Change Order 1

July 19, 2017
Contract 6454, Section 111 (Boston)

Bid Amount: $11,770,000.00
Notice to Proceed: July 26, 2016
Completion: September 10, 2018

Contract 6454 Progress

4,674 ' of Pipe Installed
7,700 ' of Pipe Remaining

Total for Contract: 11,000 feet of 36-inch Pipe
CONTRACT 6454 (Boston)
$11,770,000
11,000 linear feet of 36-inch pipeline
NTP: June 2016
Substantial Completion: September 2018

CONTRACT 7504 (Dedham North)
$17,226,350
10,000 linear feet of 36-inch pipeline
NTP: August 2017
Substantial Completion: November 2019

CONTRACT 7505 (Dedham South)
$10,000,000
6,800 linear feet of 36-inch pipeline
NTP: December 2017
Substantial Completion: July 2020
Preparing for Blasting for Ledge Removal on Enneking Parkway
• Design borings indicated rock at 4-foot depth

• Construction showed rock sloping up toward sidewalk

• Existing BWSC 12-inch cast iron water line under sidewalk

• Old BWSC water line found directly on ledge

• New MWRA line installation using blasting

• Structural liner needed for BWSC line
Wachusett Aqueduct Pumping Station
BHD/BEC JV 15, A Joint Venture
Contract 7157, Change Order 18

July 19, 2017
Construction Update - Pump Station
Construction Update - Pump Station
Construction Update - Pump Station
Construction Update - Pump Station
Construction Update – First Floor Slab
Construction Update – Steel Erection
Construction Update – Masonry Walls
Change Order 18 – Surge Tank Foundation
Change Order 18 – Surge Tank Foundation
Change Order 18 – Micropile Steel Bar Insert
Change Order 18 – Micropile Installation
Wachusett Aqueduct Pumping Station