



***Where Water Matters***

**BROAD CREEK AUGMENTATION PROJECT -  
Broad Creek Pumping Station Improvements and Force Main  
Briefing**

**COMMUNITY MEETING  
Thursday, November 10, 2016**

# Introduction



Austin Freeman, MBA, PMP  
Project Manager

Kevin Loesher, EIT  
Associate Project Manager



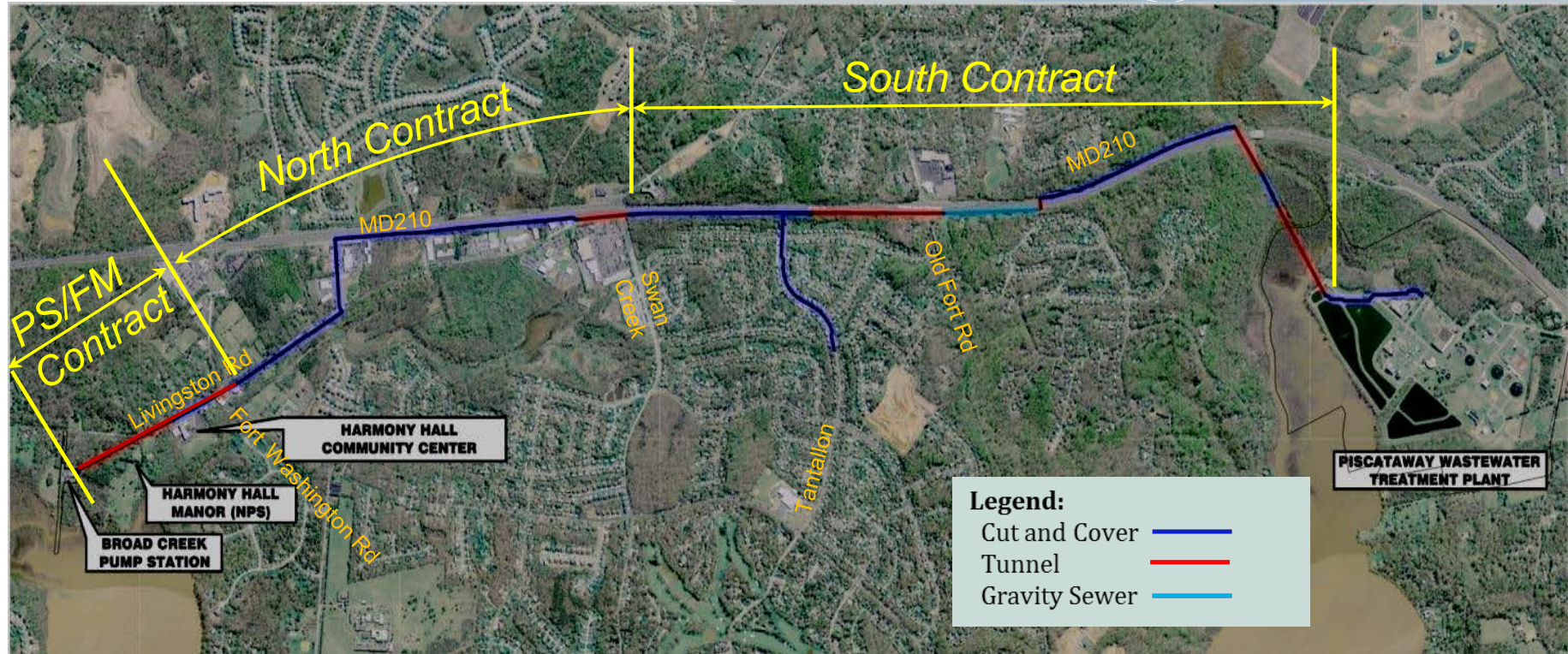
Representative from MM/GF, JV



# Presentation Overview

- Introduction
- Project Status
- Broad Creek Pumping Station Improvements and Force Main
- Questions and Discussion

# Conveyance System Contracts



## PS & Force Main

48" Force Main	2,889 feet
Tunnel 1&2	2,722 feet

## North Contract

48" Force Main	7,367 feet
Tunnel 3	773 feet
Tunnel 9	547 feet

## South Contract

48" Force Main	4,788 feet
60" Gravity Sewer	1,460 feet
42" Pressure Sewer	6,050 feet
24" Force Main	2,737 feet



# PISCATAWAY STORAGE AND HEADWORKS PROJECT

This project was substantially completed on June 17, 2016.  
Punchlist items are being completed.



*Headworks Facility*

# PISCATAWAY STORAGE AND HEADWORKS PROJECT



*Storage Facility*



DATE OF VISIT	DATE OF VISIT	DATE OF VISIT	DATE OF VISIT	DATE OF VISIT	DATE OF VISIT
10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018	10/10/2018



# CONVEYANCE SYSTEM SOUTH CONTRACT



*MTBM being set in shaft*

Construction is ongoing on this contract.

Projected completion May 30, 2017

Along MD 210 (west side) from Swan Creek Road South to WSSC's Piscataway WWTP Plant



# CONVEYANCE SYSTEM SOUTH CONTRACT



*Installing bend and final pipe*

Construction is ongoing on this contract. The projected completion for this project is May 30, 2017. All tunneling is complete and open cut construction is winding down. This pipeline begins at Swan Creek Road along MD 210 (west side) going North. It turns left on Cornett Street, right on Livingston Road and ends just before the intersection of Fort Washington and Livingston Roads.





# CONVEYANCE SYSTEM NORTH CONTRACT



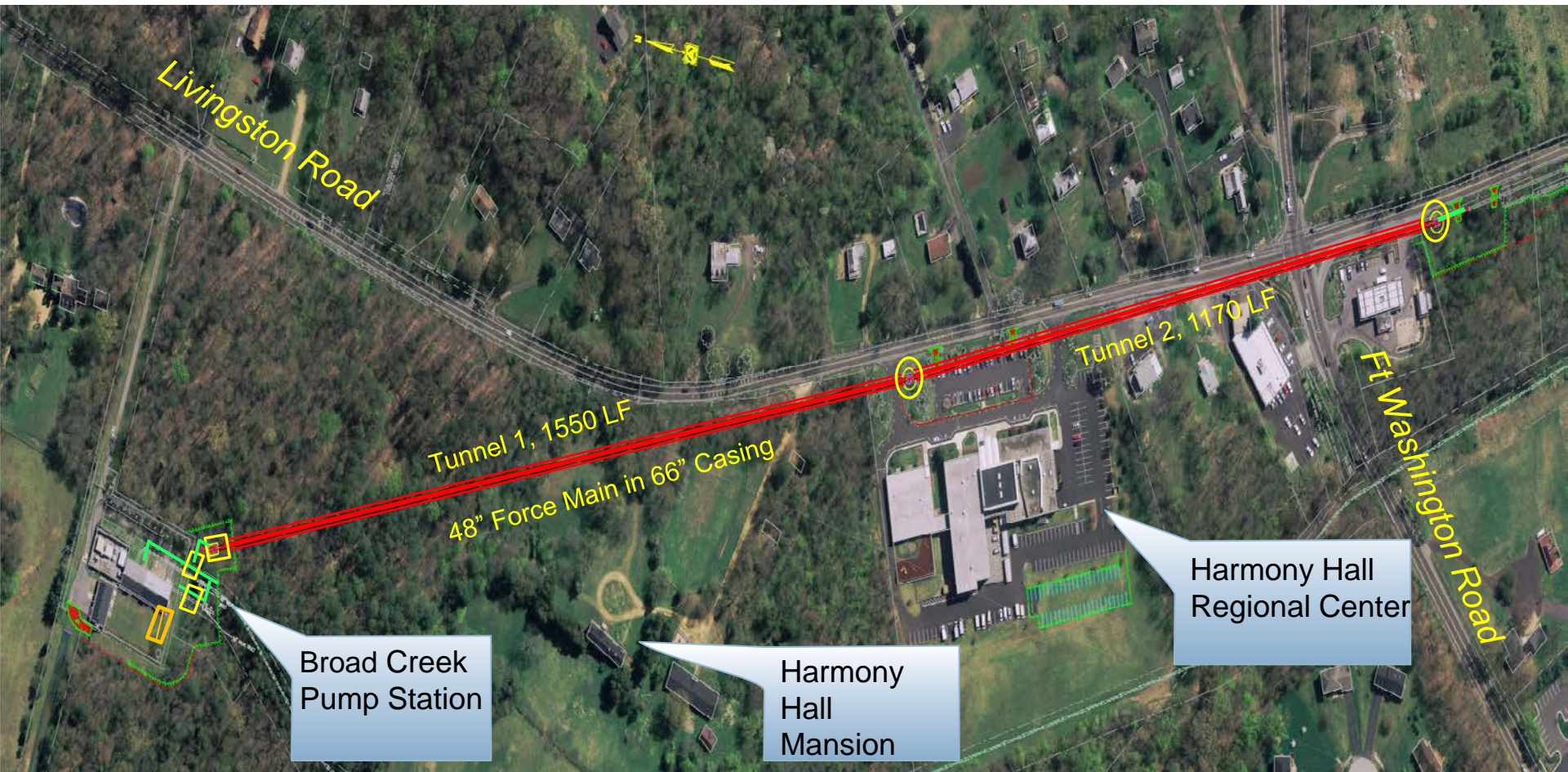
*Deep Trench Installation along MD 210*



# BROAD CREEK PUMPING STATION IMPROVEMENTS AND TUNNEL CONTRACT

- Pumping Station (PS) Improvements (pumps, vaults, yard piping, building annex) and Tunnel (PS to pass intersection of Livingston Road and Ft. Washington Road)
- Bid Opened; Commission Award on November 16, 2016
- **Notice to Proceed (NTP) anticipated in JANUARY 2017**
- **Estimated Construction Time: 2-1/2 Years after NTP**

# BROAD CREEK PUMPING STATION AND TUNNEL CONTRACT



# BROAD CREEK PUMPING STATION AND TUNNEL CONTRACT CHALLENGES

- Traffic control on Livingston Road
- Access shaft construction (Noise)
- Truck access to and from site at Harmony Hall Regional Center
- Work Hours
- Residents access to Harmony Hall Regional Center
- Duration of work in front of Harmony Hall – approximately 7 months.



# Microtunnel Boring Machine - HOLE THRU



# Comments and Questions?

**[www.wsscwater.com/broadcreek](http://www.wsscwater.com/broadcreek)**

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*Thank you for attending  
today's meeting.*

