

# **Town of Mashpee WNMP Phase I Construction**

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## **Phase 1 and Phase 2 Update**

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## **WRRF and Collection System Improvements**

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**April 17, 2024**

# **WNMP-21-01 – Water Resource Reclamation Facility**

**→ Summary**



WRRF– March / April 2024

- Prepping Electrical, Equipment, and Architectural Progress

# Electrical Service and Distribution

## Exterior Work

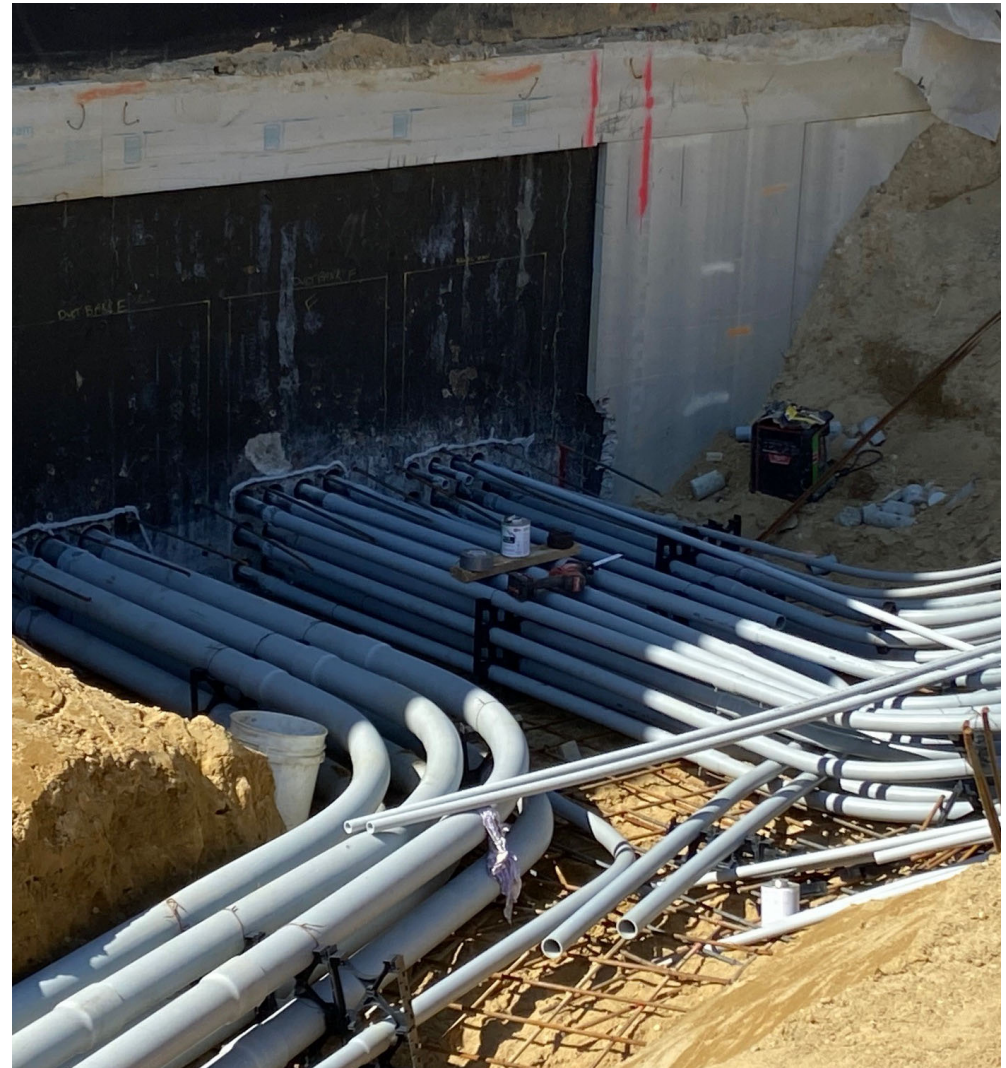
- Ductbank to Process Building
- Eversource Transformer



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## Process Building – Electrical Entry

- Conduits entering lower level
- Electrical Room conduit entry



## Process Building – Upper Level Treatment Areas

- Chemical Room
- UV Room



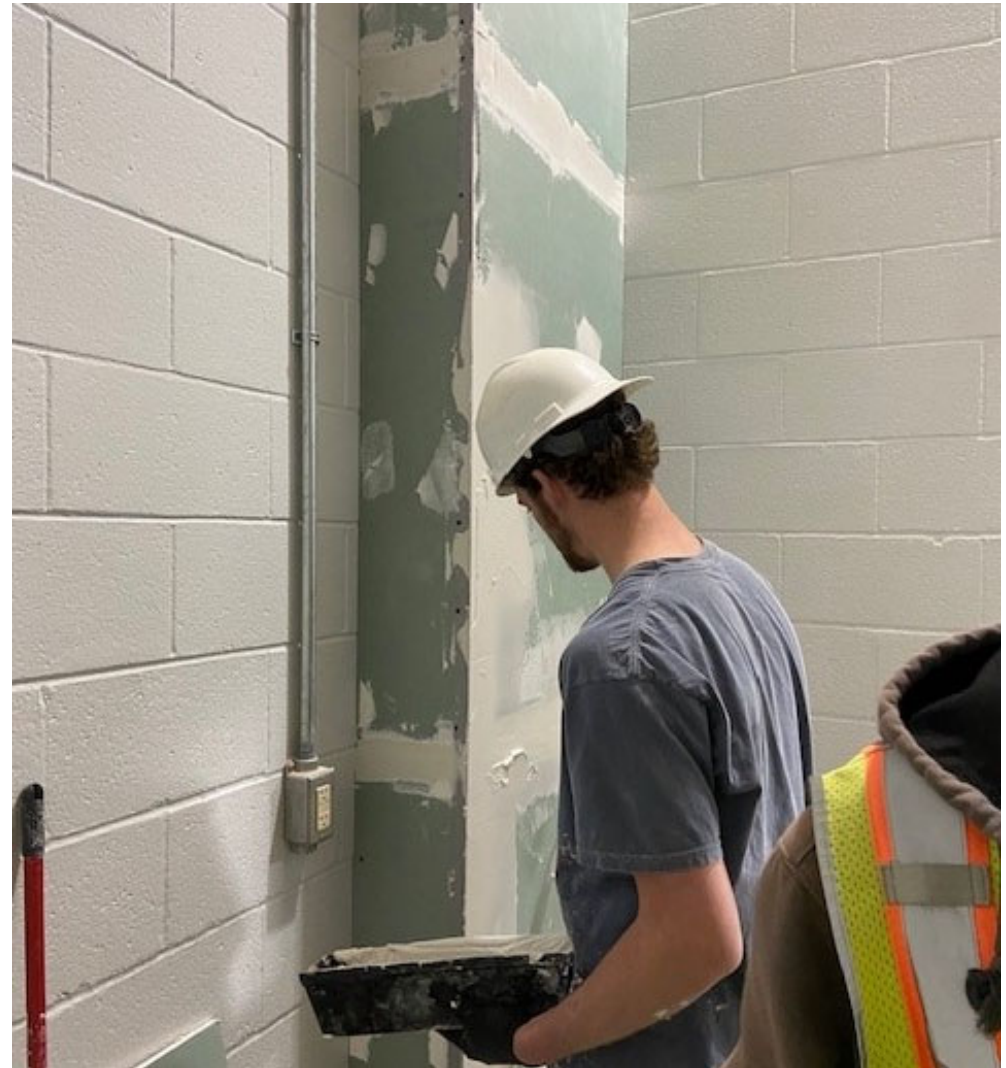


## Process Building – Blower Room

- Air piping
- Using space to assemble air headers

## Process Building – Office Area / Miscellaneous

- Office ceilings
- Bathroom finishing



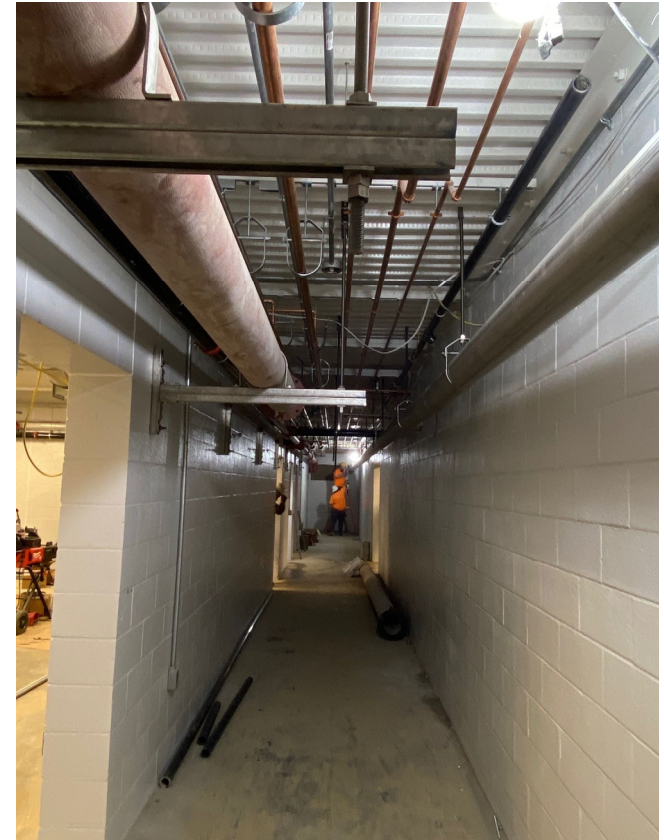
# Process Building – Access



- Overhead door
- Stairwell



# Process Building – Lower Level





# Preliminary Treatment Building

Exterior

- Complete (for now)

# Preliminary Treatment Building – Interior Work

## Handrails and Screens



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## Process Tanks

- Air Piping
- Tanks backfilled completely

# Exterior Tanks



- MLSS Tank Air Piping
- EQ Basin Air Piping



# Sandbeds



Two sandbeds completed  
Unsuitable material removal  
required for third sandbed

# **WNMP-21-02 – Collection System North**

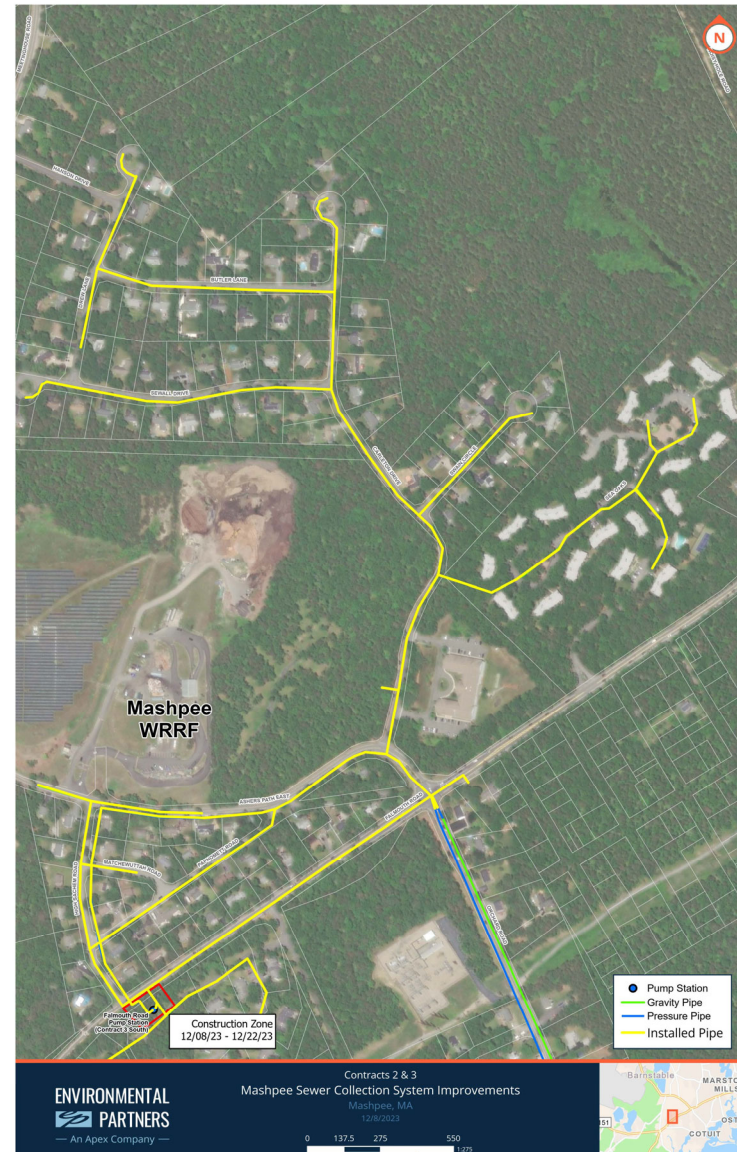
**→ Summary**

## North Project – March/April 2024

- No major work performed during the last month

## North Project – March 2024

- No work for the winter
- Sea Oaks work is on hold for now
- High Sachem Road – paving in the spring
- Ashers Path East – paving in the spring



# **WNMP-21-03 – Collection System South**

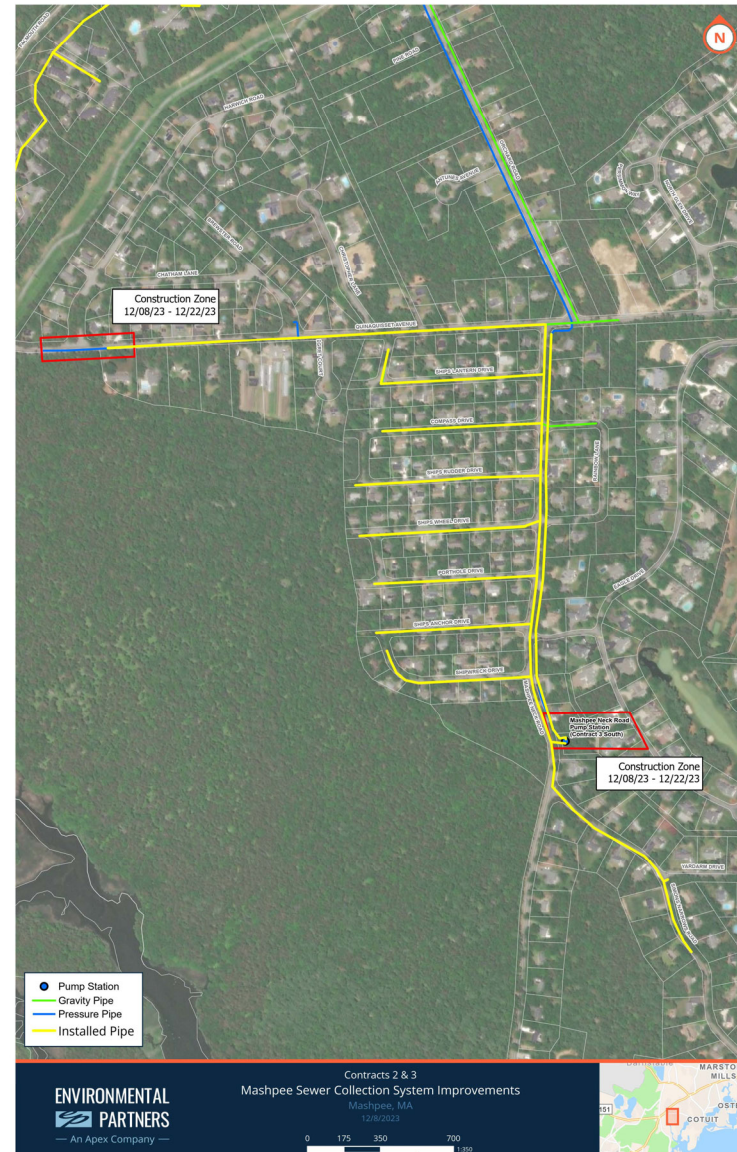
**→ Summary**

## South Project – March/April 2024

- Quinaquisett Avenue pressure testing
- Orchard Road gravity sewer pressure testing
- Temporary pavement

## South Project – April / May 2024

- Orchard Road gravity sewer inverts
- Cleaning sewers April and May



# Falmouth Road Pump Station

## Falmouth Road PS

- Interior work – HVAC and Electrical



# Mashpee Neck Road Pump Station

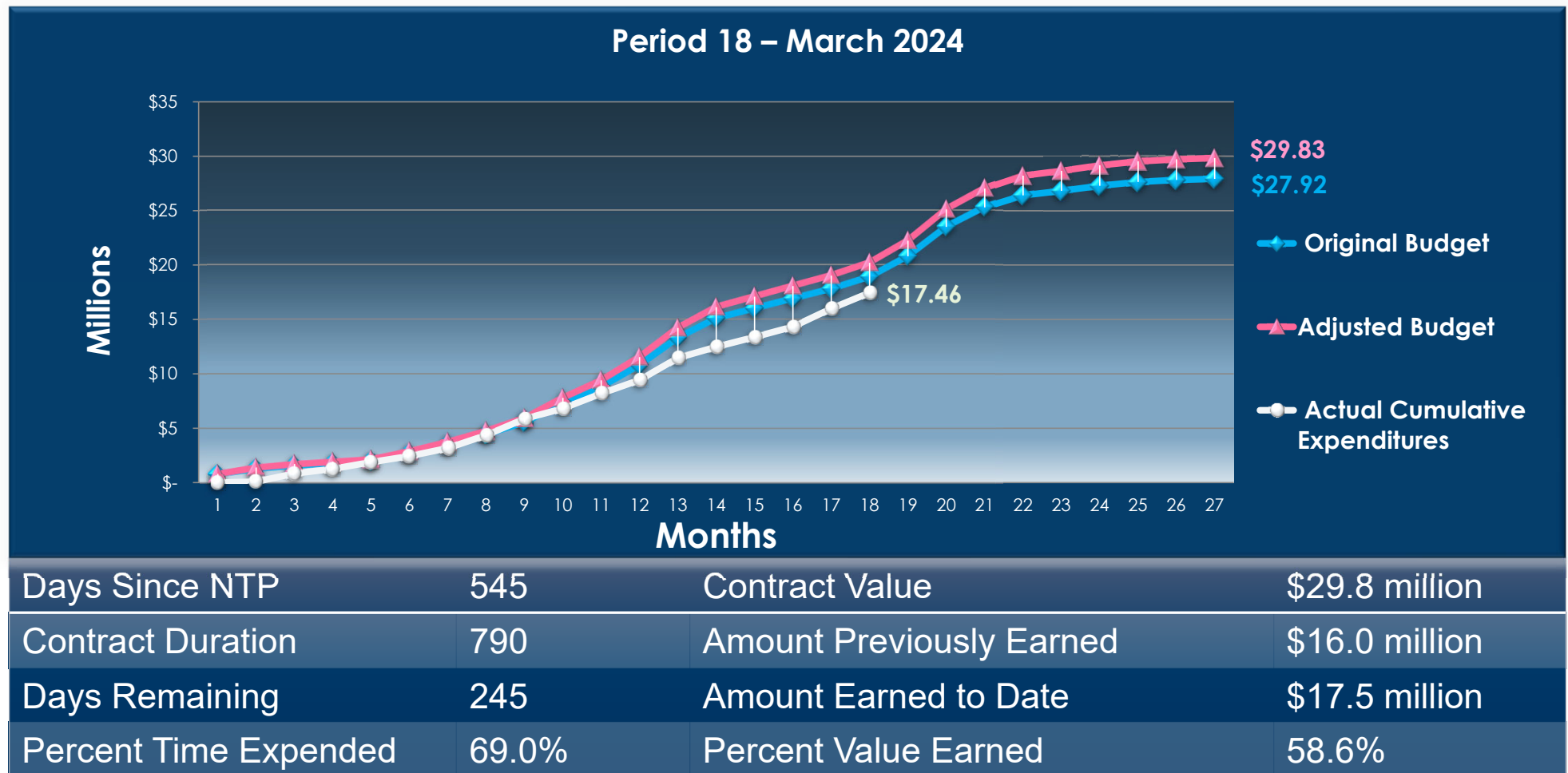
## Mashpee Neck Road PS

- Interior work – HVAC and electrical

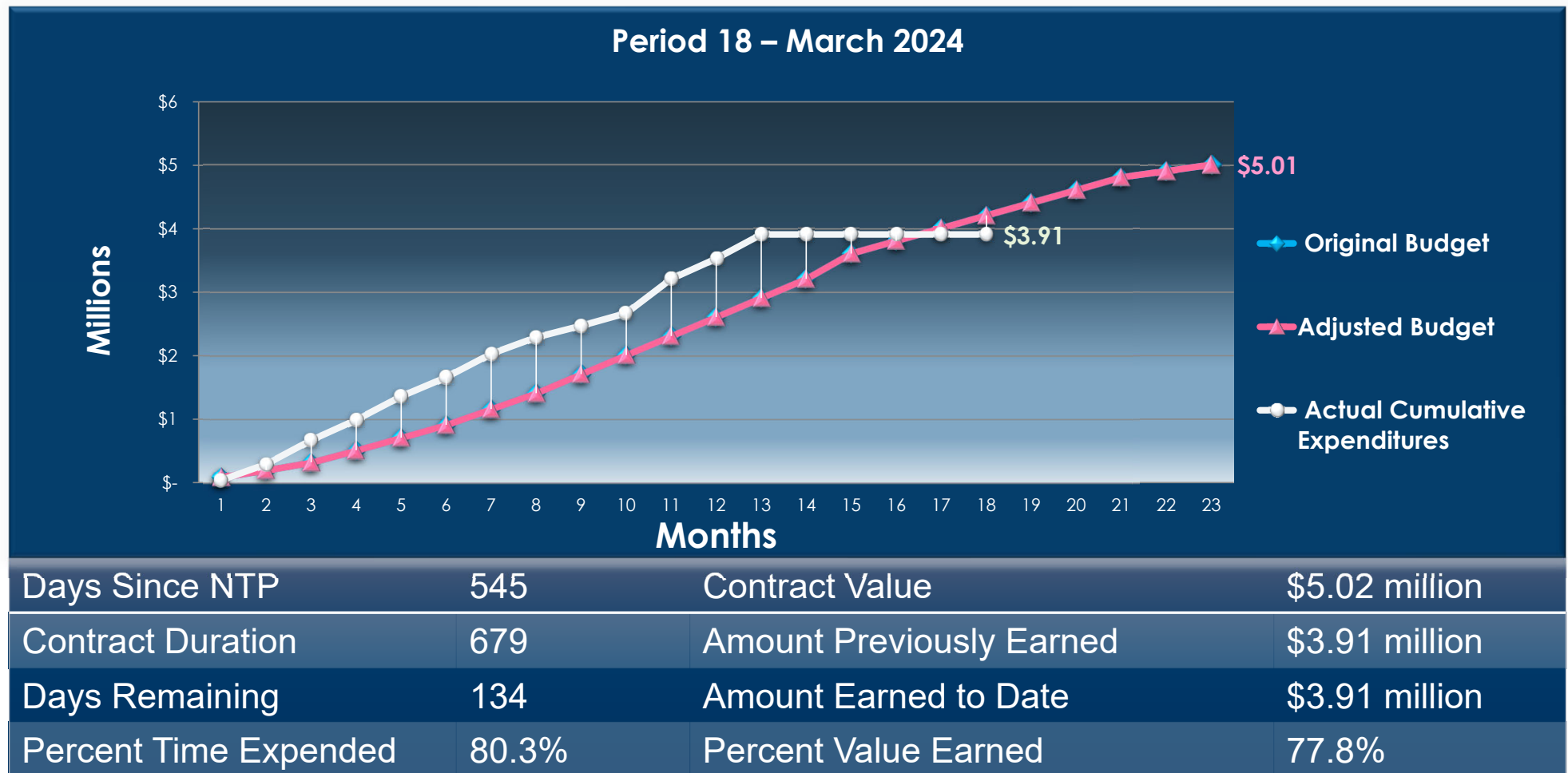


# **Construction Progress and Cash Flow**

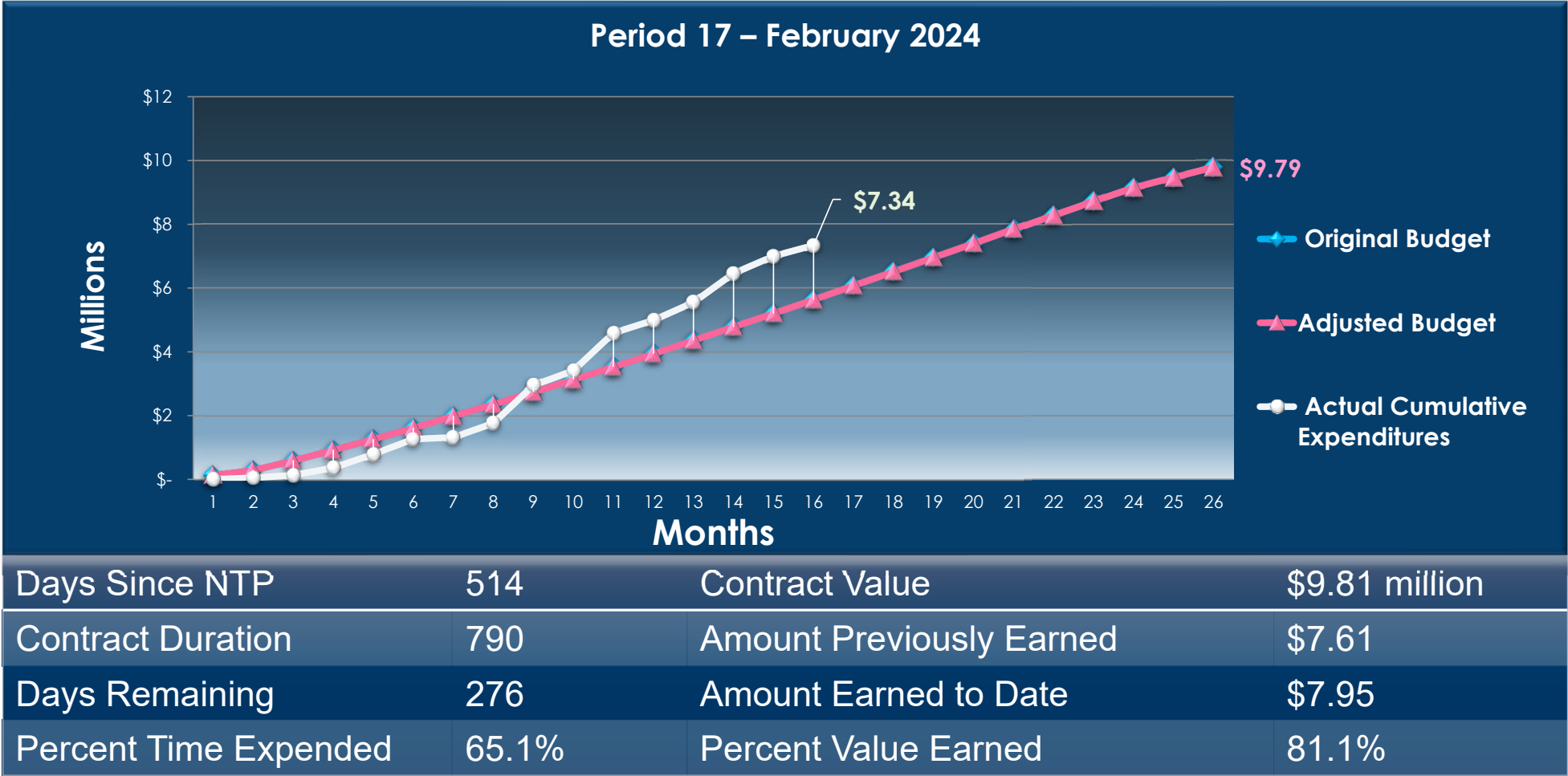
# Mashpee WRRF – WNMP-2021-01



# Collection System North– WNMP-2021-02



# Collection System South– WNMP-2021-03



# **WNMP-23-01 Phase 1 Alternate Rebid (Phase 1A)**

**→ Summary**

# Phase 1A – Alternate Rebid Update

Bids received and opened on April 9<sup>th</sup>

Six Bids Received

Item	Comments
Engineer's Estimate	\$5.2 Million
Low Bid	\$4.7 Million
Bid Range	\$4.7 to \$6.0 Million
Next Step	Request Authorization to Award from DEP
Construction Start	Mid to late May
Construction Duration	19 months

# **WNMP-23-01 Phase 1 Alternate Rebid (Phase 1A)**

**→ Summary**

Phase 2  
Surveyors and Boring Crews are Active





**\* Thank You**

**→ [ghd.com](https://ghd.com)**