

## ARP FUNDED PROJECTS STATUS REPORTS

January 6, 2022

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### MT. WASHINGTON SEWAGE TREATMENT PLANT AND WATER SYSTEM UPGRADE

Project Manager: Seth Prescott

Status: Engineering design consultants are preparing bid documents. This project was already underway with DPW before ARP funding arrived.

- DPW agreed to add the ARPA funded Mt. Washington water system upgrade project to the capital and LWCF funded Mt. Washington Sewage Treatment Plant project since it is related work on the same site. (Notice to Proceed for design consultants issued September 23, 2021)
- Bid package for combined sewage treatment plant and water system project to be completed by the end of 2021. Bidding documents will be issued in January 2022.
- Construction start scheduled for June 2022.
- GZA Engineers through their Emery & Garrett subsidiary performed an initial ground water investigation on site September 17. They will make recommendations for measures to improve the summit water supply based on their findings.
- [Project Team meeting with Underwood Engineers was held on Dec. 16 to review 90% complete drawings for the sewage treatment plant and 60% complete drawings for the water system upgrade.](#)

DHR Request for Project Review (RPR): No historic properties affected

NHB Data check: Consultation needed.

Financial tracking: Since LWCF funds cannot be matched by ARP funds, invoices for the sewage treatment portion of the project, which is funded by LWCF and matching state capital funds, must be kept separate from invoices for the water system, which is funded by ARP. Coding for the sewage treatment plant portion is: OOFRF602WB3501B.

The coding for the water system is OOFRF602WB3501A.

**ARP Funding allotted: \$1,020,000**

Next Steps:

- Receive ground water supply recommendations from Emery & Garrett and decide what steps to take to improve the summit water supply.
- [Final drawings and specifications for bidding completed by the end of January. DPW to put documents out to bid in February.](#)

### MT. WASHINGTON SHERMAN ADAMS BUILDING IMPROVEMENTS

Project Manager: Tom Mansfield

Status: Decision to delay the start of this project until 2022 so as to avoid conflicts with the implementation of the sewage treatment and water systems upgrade project.

DHR RPR: No historic properties affected

NHB data check: additional information requested

Financial tracking: Coding: OOFRF602PH3501B

**ARP funding allotted: \$1,475,000**

Next Steps: In house production of bid documents in 2022.

## CANNON MT. STATION SEWAGE PIPELINE

Project Manager: Seth Prescott and Ed Mussey

Status: This project needs an engineering design consultant to move forward

- Underwood Engineers Inc (through DPW) did feasibility studies in 2018
- DPW does not have enough fee in this biennium with Underwood to issue a design contract with them to continue work on this project.
- DPW suggests DNCR retain Underwood through an independent consultant selection process.
- Decision at the September 30 POP meeting to contract with Underwood Engineers on a sole-source basis.
- Fee proposal requested from Underwood Engineers on October 4, 2021
- Decided not to apply for DES funds through the Clean Water SRF Act, which is supported by ARPA funds. We will use ARPA funds allotted for the state parks.

DHR RPR: No historic properties affected

NHB Data check: Potential Impact. Needs precise site plan of the route of the proposed pipeline.

Financial Tracking: OOFRF602WB3501C

**ARP funding allotted: \$1,200,000. Current cost estimates are in the \$3 million range. ARP funding for other projects may have to be diverted to cover this project.**

DPW Work Request Form submitted August 2.

Next Steps:

- Negotiate a contract with Underwood Engineers to design the pipeline.
- Prepare documents for G&C approval.

## PARK UTILITY UPGRADES

Project Manager: Ed Mussey

Status: Progress pending DPW assignment of engineering design consultants scheduled for February 2022.

DHR RPR:

- Greenfield: archaeologically sensitive. Needs phase 1 A survey
- Ellacoya: No historic properties affected
- Jericho: No historic properties affected

NHB Data check: No known records at the three sites

Financial Tracking:

- Greenfield: OOFRF602WB3501D **\$270,000**
- Ellacoya: OOFRF602WB3501G **\$475,000**
- Jericho: OOFRF602WB3501E **\$85,000**

DPW Scott Carri assigned to be DPW contract administrator. Project kick-off meeting held on October 25

Next steps:

- Work with DPW to get agreements with engineering design consultants

- Issue RFB for a Phase 1A survey at Greenfield once the underground water piping has been laid out.
- Schematic design for additional RV campsites at Ellacoya RV park
- Compilation of information about recent repairs to Greenfield water system
- [Site visit to Jericho with consultants for campgrounds expansion project on Dec.2 included consideration of location of RV dump station at Jericho. Location of dump station will be contingent on plans for expanding the campground at Jericho. Planning for Jericho expansion will be on going throughout the winter.](#)

### FIRE TOWER REPAIRS

Project Manager: (to be named by Forests and Lands)

Status:

- Contract signed with Public Archaeology Lab (PAL) for Individual Inventory Forms for 15 tower sites and one Historic Property Management Plan for all sites. Contract amount is \$39,765. Target G&C meeting is December 22.
- [Proposal from Alba Architects for design services for both tower cab replacements and warden's cabins renovation was accepted on January 4. The amount of the contract is \\$95,650.](#)
- Schedule construction of cab replacements and cabin restorations to begin in 2023

DHR RPR: Need a phase 1 A survey of all the fire tower sites. PAL will complete Individual Inventory Forms and Historic Property Management Plan by November 30, 2022.

NHB Data check: Not requested pending decision on which sites to include in this project

Financial tracking: OOFRF602PH3501O

**ARP funding allotted: \$2,373,000**

DPW: Caitlyn Stubbs assigned to be DPW project administrator. Kick off meeting with DPW assigned design consultant, Alba Architects held on October 27.

Next Steps:

- [Request the NHB data check for tower cab replacement sites at Belknap, Cardigan, Federal Hill and Pitcher Mt. and for warden's cabins sites at Belknap, Cardigan, Federal Hill, Green Mt., Magalloway, Milan, and Prospect Mt..](#)
- [Alba Architects will visit 7 sites to survey and assess watchman's cabins: Belknap, Cardigan, Federal Hill, Green Mountain, Magalloway, Milan, and Prospect Mountain. Site visits will begin in the spring of 2022.](#)

### COLEMAN LODGES MAIN BUILDING RENOVATION

Project Manager: Scott Coruth

Status:

- Project kick-off meeting with DPW and design consultant, Alba Architects was held on November 2
- Alba Architects fee proposal of \$88,291 has been accepted through DPW

DHR RPR: Submitted July 30, 2021

NHB Data check: No impact

Financial Tracking: OOFRF602PH3501M

**ARP funding allotted: \$800,000**

DPW

- DPW has assigned James Hagget as project administrator
- DPW assigned design consultant, Alba Architects to the project on October 27.

Next Steps:

- [Alba Architects to visit Coleman Estates to inspect and document the Main Building as conditions allow in January.](#)

FORT STARK GENERAL IMPROVEMENTS

Project Manager: Andrew Cushing

Status:

- Design concept for parking lot has been done and one option for new toilet building is drawn up at conceptual design level
- Andrew Cushing met with Newcastle selectmen on Aug. 16 to introduce the project and receive public comment.
- DHR has expressed concern about the proposed demolition of the HECP building
- Site meeting with VHB Engineers on October 15 to consider feasibility of installing a new septic system
- [We have accepted a proposal from VHB Engineers in the amount of \\$10,770 for a septic system feasibility study and schematic design for improved parking and vehicular access to the site. The date on the proposal is November 15, 2021.](#)

DHR RPR Not submitted yet

NHB Data check: Potential impacts. Additional consultation is needed.

Financial Tracking: OOFRF602PH3501D

**ARP funding allotted: \$615,000**

DPW

- Roger Dionne assigned as DPW project Administrator
- VHB Engineers assigned by DPW for septic system feasibility and design

Next steps:

- RFP for historic preservation consultants to advise on consideration of HECP Building.
- In-house crew to replace roofing and exterior trim on the Oil Storage Building. [\(This work is deferred until spring of 2022.\)](#)
- [VHB to dig test pits on site for potential septic system locations.](#)

ROOFING AND REPAIRS

Project Manager: Ed Mussey

Status:

- A menu of 22 potential Roofing and Repair projects has been prepared and reviewed by the Project Oversight Panel.
- Cannon Mountain Station Roof Replacement will be done under this category.

Bid opening was held on Nov. 18. The low bidder is Solid Roots Construction with a price of \$349,900. Contract will go to G&C in January 2022. Construction is scheduled to start in May of 2022 and complete in August of 2022.

- State Forest Nursery irrigation system upgrade will move forward under this category. [A Request for Proposals \(RFP\) from irrigation system contractors was issued on December 10. Proposals are due on January 25. Construction is scheduled to start in September of 2022.](#)

DHR RPR Separate requests will be required for each project.

- Nursery irrigation system project submitted. No historic properties affected

NHB Data check: Separate checks will be required for each site.

- Nursery irrigation system submitted. No impact.

Financial Tracking: OOFRF602PH3501A

- Will further coding be needed to identify each site where work is done?

**ARP funding allotted: \$1,550,000**

Next Steps:

- [In house design of new pump house for the nursery irrigation project. New pump house is planned to be constructed by the DD&M crew.](#)
- Consider additional projects to be undertaken under “Roofing and Repairs”  
[Projects proposed for consideration include: Umbagog site improvements, Bear Brook fuel depot upgrade, and Nursery seedling cooler building construction.](#)

### FRANCONIA NOTCH HIGHWAY SIGNS

Project Manager: Erik Nelson, Johanna Lyons, and Tom Mansfield

Status: Condition assessment of existing highway signs complete

- Request for Proposals (RFP) is being drafted
- Meeting with DOT on December 7 to explain proposed scope of work and request approval for work adjacent to the Franconia Notch Parkway. DOT will also consider whether the changeable message signs could be integrated into their lighted message board system.

DHR RPR: Not submitted yet

NHB Data check: Not requested yet

Financial tracking: OOFRF602PH3501C

**ARP funding allotted: \$100,000**

Next steps

- Decide whether to include lighted message boards to be installed on the two stone bases originally used for a “matrix changeable message signs. [“Bill Lambert will consult with the Transportation System Management and Operations bureau regarding feasibility of using the existing bases.](#)
- [Meet with DOT \(District One engineer Phil Boulieau\) on site to get feed back on proposed location of new signs at Governor Gallen Wayside, Artists Bluff / Bald Knob Trailhead and Lafayette Place.](#)
- Compile RFP package and back-up documents. Issue RFP.

## RAGGED NECK UPGRADES

Project Manager: Scott Coruth

Status:

- Decided to use these funds for an interior renovation of the existing toilet building
- Bid documents issued on October 18.
- Pre-bid meeting on site on November 3, 2021
- Bids due on November 16
- Solid Roots Construction was the low bidder at \$142,500
- Construction scheduled for February through June of 2022.

DHR RPR Submitted Aug. 18. No historic properties affected

NHB Data check: No impact

Financial Tracking: OOFRF602PH3501E

**ARP funding allotted: \$250,000**

Next steps:

- Contract approval is on the agenda of the G&C meeting scheduled for January 12.

## HAMPTON RV PARK ELECTRICAL UPGRADE

Project manager: Jeff Letendre (DD&M electrician)

Status:

- Construction of this project by the DD&M crew is underway. Installation of new pre-cast concrete pedestal bases and underground conduit is complete.
- Contract with Unitil for service upgrade from 400 amps to 800amps, three phase was approved by G&C at the December 22 meeting. Contract amount is \$58,010.98.
- Building permit issued by SFMO on September 27, 202
- Pedestal delivery has been delayed due to supply chain issues. They are currently scheduled to be shipped on April 27. We would receive them in the first week in May. This means that the RV park cannot be opened before Memorial Day.
- Electrical conductors (copper wire) were ordered on Jan.4. Price will be approximately \$115,000 depending on copper prices the day the order is accepted.

DHR RPR No historic properties affected

NHB Data check: No impact.

Financial tracking: OOFRF602PH3501F

**ARP funding allotted: \$347,000**

Next Steps:

- Electrical service upgrade by Unitil. Contract completion date is Feb. 18
- New utility pole for service upgrade is scheduled to be installed on Jan. 6.
- Installation of electrical conductors in January by the DD&M crew as weather conditions allow.

## CAMPGROUND EXPANSION PROJECTS FEASIBILITY STUDIES

Project manager: Tom Mansfield and Johanna Lyons

Status:

- Agreement on fee proposal for the phase one feasibility study was reached with SE Group in the amount of \$496,959.
- Contract with SE Group was approved by G&C on November 10, 2021
- Project kick-off meeting with consultant team was held on November 12
- Initial site visits for the consultant team have been conducted: Northern parks (Jericho, Mollidgewock and Crawford) on December 1 and 2. Southern parks (Pawtuckaway, Bear Hill, and Catamount Pond) on December 14 and 15.

DHR RPR: not submitted yet. (To be done by consultants)

NHB Data check:

- Mollidgewock: no impact
- Consultation and more information needed at
  - Crawford Notch, Dry River
  - Pawtuckaway, Big Island
  - Bear Brook, Catamount Pond
  - Jericho
  - Bear Brook, Bear Hill

DPW Project Request form submitted Aug. 2

- Gary Brown has been assigned to be the DPW project administrator.

Financial Tracking:

○ Crawford, Dry River:	OOFRF602PH3501H	<b>\$1,480,000</b>
○ Pawtuckaway, Big Island:	OOFRF602PH3501I	<b>\$390,000</b>
○ Bear Brook, Catamount Pond:	OOFRF602PH3501J	<b>\$695,000</b>
○ Mollidgewock:	OOFRF602PH3501K	<b>\$2,640,000</b>
○ Jericho:	OOFRF602PH3501L	<b>\$1,405,000</b>
○ Bear Brook, Bear Hill	OOFRF602PH3501N	<b>\$2,400,000</b>

Next Steps:

- SE Group will begin developing conceptual design options for campground expansion at each site based on information from the initial site visits.
- The project team will respond to conceptual design options at review meetings in January and February.