

## ARP FUNDED PROJECTS STATUS REPORTS

February 17, 2022

TCM

### 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)
- 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.
- 90% complete drawings for both sewage treatment plant and water system upgrade were submitted on January 19, 2022
- [After a meeting on Feb. 4 to review the 90% complete drawings and specifications, revisions were made, and the final bid documents were submitted on Feb. 16.](#)

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

NHB Data check: Consultation needed.

- Several rare species have the potential to occur within the impact area. Consultant to follow up with NHB

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.
- [DPW will advertise the project on February 22. \(Put it out to bid\)](#)
- [Bids will be due on March 22, 2022](#)
- Target G&C meeting is May 18, 2022

## MT. WASHINGTON SHERMAN ADAMS BUILDING IMPROVEMENTS

Project Manager: Tom Mansfield

Status: Decision was made 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.

G&C target meeting: January 2023

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
- As of February, DPW has retainage funds with Underwood Engineers sufficient to cover the fees for this project. At the January 20 POP meeting, a decision was made to contract with Underwood Engineers through the standard DPW process instead of sending a sole source contract to G&C.
- [DPW has negotiated a contract with Underwood Engineers for design of the sewage pipeline in the amount of \\$183,200.](#)

G&C target meeting May 2023

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. Roger Dionne assigned as Project administrator.

## Next Steps

- Contract signing between DPW and Underwood Engineers targeted for March 1, 2022.
- Design kick-off meeting with DNCR on March 15, 2022
- Survey and boring work April – May 2022
- Preliminary concept meeting June 15, 2022
- Draft 30% design technical memo July 15, 2022
- Final 30% design technical memo August 1, 2022
- 90% bid documents complete October 15, 2022
- DNCR and NHDES design review period Oct 15 – Nov. 15, 2022
- 100 % bid documents complete December 1, 2022
- Bidding period December – January 2023

## PARK UTILITY UPGRADES

Project Manager: Ed Mussey

Status:

- A meeting was held on Feb. 19 with DPW and potential consultants HEB Engineers and Lee Carroll Electrical Engineering to introduce them to the projects in preparation for their making fee proposals.
- 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.

G&C target meeting: January 2023

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:

- 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

- DNCR is responding to requests for information from HEB and Lee Carroll about Greenfield electrical and water utilities and about the Ellacoya RV Park.
- HEB and Lee Carroll will provide fee proposals for designing the projects

### FIRE TOWER REPAIRS

Project Manager: Patrick Hackley

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. Contract approved by G&C on January 12, 2022. Kick-off meeting was held on January 27.
- 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. Notice to Proceed was issued by DPW on Jan.7, 2022.
- Schedule calls for construction of cab replacements and cabin restorations to begin in 2023.

G&C Target Meeting: February 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:

- No known records at Pitcher, Federal Hill, Green Mountain and Milan.
- Reviewed with no impacts expected: Belknap.
- Rare species have the potential to occur: Cardigan and Mt. Prospect.

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:

- 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.
- PAL will visit DNCR and DHR offices on March 1 and 2 to research material on fire towers in our files.

## 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
- Alba Architects visited Coleman Estates to inspect and document the Main Building on January 12.

G&C Target date: June 15, 2022

DHR RPR: Submitted July 30, 2021. No historic properties affected but a Phase 1A investigation may be necessary once the generator location is determined.

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 submitted preliminary design studies on Feb. 10. Scott Coruth is compiling DNCR feedback.](#)
- [Early indications are that the budget will significantly exceed the \\$800,000 allotted. The Project Oversight Panel will assess the priority of the Main Building Renovation project in order to decide if other funding is available, if funding from other ARPA projects should be diverted to support this project, if the scope of the project should be reduced, or if work on this project should be deferred in favor of other ARPA projects.](#)

## 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 HECF 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.
- Test pits for septic system design were dug on Jan. 27
- A meeting with VHB Engineers was held on Feb. 15 to understand the implications of the test pit results. Two sites are feasible for construction of a leaching field: 1) on the south side of Battery Kirk and 2) in the proposed new parking area. Consensus of the meeting was to locate the leach field in parking lot traffic island and construct toilet rooms in the existing OMS building at the south end.

G&C Target Meeting: (For septic system and parking lot improvements) October 2022.

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 HECF Building.
- In-house crew to replace roofing and exterior trim on the Oil Storage Building. (This work is deferred until spring of 2022.)
- VHB will draw up a conceptual site plan showing a leach field in the parking lot traffic circle, and the septic tank off the southeast corner of the OMS building.
- DNCR will do architectural design studies for building toilet rooms in the OMS building.

## 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. The contract was approved by G&C on Feb. 16, 2022. Construction is scheduled to start in May of 2022 and be 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 were due on Jan. 25, but no proposals were received.
- Construction of the irrigation system project is scheduled to start in September of 2022.

G&C target meeting: June 1, 2022

DHR RPR Separate requests will be required for each project.

- Nursery irrigation system project submitted. No historic properties affected
- Cannon Mt. Station roof: No historic properties affected.

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

- Nursery irrigation system submitted. No impact.
- Cannon Mt. Station roof: more information requested. To be provided when contractor is on board.

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.
- Assemble information for NHB for the Cannon Mt. station roof project.
- 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.
- [Re-issue the Irrigation System project as a Request for Bids instead of a Request for Proposals. Take out the requirement for dredging the irrigation pond and plan to accomplish that work under a separate contract. Schedule bids to be due in March.](#)
- [Issue a separate Request for Bids for the concrete slab and foundation of the new pump house in the Irrigation System project. The expected out-to-bid date is February 23. The pump house itself will be built by the DD&M crew.](#)

## FRANCONIA NOTCH HIGHWAY SIGNS

Project Manager: 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.

- Meeting on site with Jason Aldrich of DOT Region 1 to review sites for three proposed new gallows signs on Jan. 27.

G&C Target Meeting: June 15, 2022

DHR RPR: No adverse effect

NHB Data check: No impact

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.
- Compile RFB package and back-up documents. Work with the State Purchasing Office to issue the RFB using their requisition procedure. DNCR will have to take the contract to G&C for approval.

### 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.

G&C Target Meeting: Contract was approved at the Jan. 26 , 2022 G&C meeting

DHR RPR Submitted Aug. 18. No historic properties affected

NHB Data check: No impact

Financial Tracking: OOFRF602PH3501E

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

Next steps:

- Notice to Proceed, issued on Jan. 27, instructs contractor to submit a schedule for proceeding with the work, and provide required bonding.
- Construction starts on site on or about the week of Feb. 21.



## HAMPTON RV PARK ELECTRICAL UPGRADE

Project manager: [Joe Stacey](#)

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. Service upgrade work was completed Jan. 24
- 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. Conductors have been received and installed in the underground conduits.
- [Electrical panels and switch gear are installed in the small garage at Hampton Maintenance barn](#)

DHR RPR No historic properties affected

NHB Data check: No impact.

Financial tracking: OOFRF602PH3501F

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

Next Steps:

- Define the scope of work in preparation for issuing a separate contract for landscape improvements. The loop road around the park and the gravel pads at each RV site need to be re-established after the disturbance of excavating for the new conduits.
- [Plan for the disinfection process for all the water piping in the RV campground. The State Fire Marshal's inspector will want to witness this.](#)

## 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.

- Site analysis meetings for the northern parks via zoom were held on Jan. 21 and for the southern parks on Feb. 4.

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>

Invoices from SE Group will have to be broken down to show charges for each individual site. DAS will not let us use the general activity code to approve invoices for work on the project as a whole. Only the above listed activity codes can be used on this project. SE Group will provide breakdowns of their invoices for northern parks and southern parks. DNCR will apportion the invoices for northern and southern parks to the individual parks for coding purposes.

Next Steps:

- SE Group will begin developing conceptual design options for campground expansion at each site based on information from the initial site visits.
- SE Group will present preliminary design concepts for campground expansion options at two in-person meetings:
  - Northern parks: March 4, 10:00 – 3:00
  - Southern parks: March 18, 10:00 – 3:00