

# ARP FUNDED PROJECTS STATUS REPORTS

July 15, 2022

TCM

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

Project Manager: Seth Prescott

Status:

- 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)
- The project went out to bid on February 22.
- The bid opening was held on March 23. Two bids were received:
  - Lee T Corrigan LLC of Gorham, NH \$3,313,808
  - Kingsbury Companies LLC of Middlesex, VRT \$4,336,000We have asked DPW to accept the bid of Lee Corrigan LLC.
- Design consultants fee proposals for the construction administration portion of the project have been accepted:
  - Underwood Engineers (water and wastewater) \$168,200
  - HEB Engineers (structural design) \$22,918.18
- A pre-construction meeting was held on June 9 on site. Lee Corrigan LLC will mobilize on the summit to do site preparation work over the course of the summer.
- [Contractor mobilized on site on July 11, 2022](#)

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.** Other sources of funding will be:

- Capital Budget appropriation of 2020 (13170000) \$1,684,558
- LWCF matching funds (37170000) 870,859
- Total construction funding for this project \$3,575,417

A meeting was held with Gabriel Fowler of Guidetower (consultant to GOFERR) on June 21 to discuss separating the ARPA funded sewage treatment project from the ARPA funded water system upgrade project. ARPA needs a distinct Transaction Memo for each

ARPA funded project. The meeting determined we could effectively achieve this by using only the ARPA funds for the water system upgrade on the currently combined Mt. Washington sewage treatment and water system project. DNCR will request permission from the Fiscal Committee to divert the ARPA funds allocated for the Mt. Washington Sewage Treatment project to supplement the ARPA allocated funds for the Cannon Mountain Sewage Treatment project which is currently under-funded.

Next Steps:

- Work with consultants and contractor to define limits of site impact so the NHB data check can be completed.
- Get on the agenda of the Fiscal Committee for consideration of diverting ARPA funding from Mt. Washington Sewage Treatment to Cannon Mountain Sewage Treatment.
- Construction supervision for Lee Corrigan LLC's work on the summit.
- [Develop strategies and options for purchasing the new treatment plant equipment.](#)

### 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.

- Submit a Project Work Request form to DPW. Since the project cost will be over \$500,000, DPW must administer the project.
- Work with Patrick Hummel to assemble a list of all work items to be included in the project scope of work.

### CANNON MT. STATION SEWAGE PIPELINE

Project Manager: Seth Prescott and Ed Mussey

Status:

- Underwood Engineers Inc (through DPW) did feasibility studies in 2018
- DPW has negotiated a contract with Underwood Engineers for design of the sewage pipeline in the amount of \$183,200. A Notice to Proceed was issued on March 15.
- Underwood Engineers made an on-site inspection of proposed pipeline routes on April 22.

- A project meeting was held on site on July 15. Final options for the pipeline route are being evaluated.

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. Will need to go to Fiscal Committee and G&C to make this change.**

DPW: Work Request Form submitted August 2. Roger Dionne assigned as Project administrator.

Next Steps:

- 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. Our intention is to include the design of the Jericho dump station in the overall design of the proposed campground expansion at Jericho by the SE Group and remove it from the scope of work of the Park Utilities Upgrade project.
- HEB Engineers submitted a fee proposal on April 5 for water system design and site: design
  - Ellacoya RV Park \$44,218.55
  - Greenfield 53,725.78
- Lee Carroll Electrical Engineers made a site visit to Greenfield with Eversource on April 20 to survey and assess the existing electrical service to the park before

submitting their fee proposal for design of the electrical systems at both Greenfield and Ellacoya.

- The scope of work at Greenfield State Park will be increased to include water and electrical utility upgrades to the day-use area in addition to the already covered campground utility upgrades.
- Site meetings with Eversource were held on June 8 and 15 to develop a strategy for the day-use area electrical service. Eversource will bring in overhead service at their expense to power the bathhouse and park store.
- HEB will revise their proposal for the water system upgrade to include improvements to the day-use area.
- Lee Carroll advised that Eversource may charge \$500,000 to upgrade the electrical service for the Ellacoya RV park because three phase conductors may have to be installed over a considerable distance to get service to the park. That substantially exceeds our budget.

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 | <b>\$270,000</b> |
| • Ellacoya:   | OOFRF602WB3501G | <b>\$475,000</b> |
| • Jericho:    | OOFRF602WB3501E | <b>\$85,000</b>  |

Preliminary cost estimates for both Greenfield and Ellacoya are overbudget. A decision will be needed soon to decide whether to reduce the scope of work or to bring in supplementary funding to accomplish the originally intended scope of work.

DPW: Scott Carri assigned to be DPW contract administrator. Project kick-off meeting held on October 25, 2021

Next steps:

- Issue RFB for a Phase 1A survey at Greenfield once the underground water piping has been laid out.
- Finalize contracts with Lee Carroll Electrical Engineers and HEB Engineering to include additional utility upgrades to the Greenfield day-use area.
- Decision on whether to move forward with the Ellacoya RV park given the high cost estimate from Eversource for upgrading their lines that bring power to the park.

## 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. Inventory work is in progress.
- 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. Site visits are in progress.
- 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, 2021

- Caitlyn Stubbs will be taking maternity leave from September through January. DPW proposes breaking the project down into three projects on a geographic basis:
  - Group 1: Magalloway cabin, Milan Hill cabin, and Prospect cabin. Project manager to be Wyatt Porter-Brown.
  - Group 2: Cardigan tower cab and cabin and Belknap tower cab and cabin. Project manager to be Tim Smith.
  - Group 3: Pitcher Mountain tower cab and Federal Hill tower cab. Project manager to be Jon Fudala.

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 are in progress.
- Coordinate with consultants to provide aerial plans and other requested information to NHB for proposed work at Cardigan and Mt. Prospect.

- Receive Historic Property Management Plan from PAL due October 31. Division of Forests and Lands to decide which fire towers and warden's cabins to focus on.

### 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 has advised that a Phase IA survey will be required to assess whether archaeological resources will be affected by proposed excavation for the water tank and generator building slab.
- [Alba Architects has completed design development and is estimating the cost of the project at \\$1.5 million.](#)

G&C Target date: Postponed until fall of 2022 depending on results of the archaeological survey and LWCF review.

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**

[Preliminary cost estimates are at \\$1.5 million. A decision is needed on whether to reduce the scope of work, revise the scope of work altogether, or bring in supplemental funding.](#)

DPW

- DPW has assigned James Hagget as project administrator
- DPW assigned design consultant, Alba Architects, to the project on October 27, 2021.

Next Steps:

- Issue a Request for Proposals to undertake the Phase 1A Investigation of the site
- Submit plans showing change to building footprint to LWCF for review.
- [Strategy to deal with cost estimates that greatly exceed the available funds. Meeting on July 19 to consider alternatives at Coleman Lodges.](#)

## FORT STARK GENERAL IMPROVEMENTS

Project Manager: Tom Mansfield

Status:

- 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
- 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.
- VHB has submitted an Amendment No. 1 to their original feasibility study proposal for design and permitting of site work including the septic system, and the parking lot and entrance road improvements in the amount of \$27,892.50. Received on March 28. DPW issued a Notice to Proceed on April 5, 2022. Field survey work is complete and [plans for the parking area are underway and a review set of drawings is expected by July 8. DES Wetlands permit may take 120 days.](#)
- A VHB structural engineer made a site visit on March 22 in preparation for making recommendations on securing the bunkers and improving public safety at the site. [A proposal for bunker security work is expected in June.](#)
- DNCR met with the Friends of Fort Stark to review preliminary plans for the toilet rooms and parking lot improvements.
- Exterior renovations to the Oil Storage Building were completed on May 25.
- [Notice to Proceed issued to VHB for additional design including work on bunker security on July 7.](#)

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

DHR RPR Not submitted yet. DHR has no concerns with the proposed location of the septic system.

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

Financial Tracking: OOFRF602PH3501D

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

- [Design contract with VHB for \\$93,762.50, Notice to Proceed dated June 17, 2022.](#)

DPW

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

#### Next steps

- DNCR will develop the architectural design for toilet rooms in the OMS building
- Receive the structural engineer's report on strategies for securing the bunkers.
- [Coordinate with consultants to provide information to NHB.](#)

### 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. [The contractor will mobilize on site starting June 27. Work started on July 5. Asphalt shingle replacement is complete. Chimney repointing is in progress. Metal panel roofing scheduled for July 18. The overall completion date remains August 30, 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. A revised Request for Bids (RFB) will be released in September for a project with an anticipated start date of September 2023.
- A Request for Bids for the irrigation system pump house slab was issued and two bids received. The low bid was \$11,100 from Covered Bridge Outdoor Construction Corp. A contract was issued to Covered Bridge Corp and approved by G&C on May 4. A Notice to Proceed was issued on May 9. A pre-construction meeting is scheduled for June 29. [Slab was poured July 12](#)
- The new pump house for the irrigation system will be constructed with own forces (DD&M crew) in August of 2022.

G&C target meeting: For the Nursery irrigation project: March 2023

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: Information from the contractor on the anticipated area of disturbance was passed to NHB on February 23. NHB will flag an area of



sensitivity near the construction zone. NHB has given authorization for construction to proceed valid until November 8, 2022.

Financial Tracking: OOFRF602PH3501A

- The DNCR Business Office will work on developing an in-house spread sheet to track the particular sites where ARPA funding is being used.

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

Next Steps:

- Re-issue the Irrigation System project as a Request for Bids instead of a Request for Proposals.

### 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.
- Decision has been made not to include changeable message signs in this project.

G&C Target Meeting: [October 19, 2022](#)

DHR RPR: No adverse effect

NHB Data check: No impact

Financial tracking: OOFRF602PH3501C

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

Next steps

- 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: Construction of this project started on February 28.

- 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.
- Certificate of Substantial Completion issued on April 28, 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**

- Funds expended to date (incomplete): \$125,080.97

Next steps:

- Project completed!
- Consider other appropriate upgrades at Ragged Neck for the balance of approximately \$100,000 remaining in the project account.

#### HAMPTON RV PARK ELECTRICAL UPGRADE

Project manager: Randy Duquette and Tom Mansfield

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. Unitil's connection to our panel was made on March 24.
- Building permit issued by SFMO on September 27, 202
- Pedestal delivery has been delayed again due to supply chain issues. The new pedestals were delivered on May 19
- Pedestals were installed by LaFlamme Electrical under their state contract. The work was completed on May 25.
- Water piping disinfection process was completed on April 21 and approved by the SFMO.
- Decided there was not sufficient time to issue a separate contract for landscape improvements. DD&M crew will work to re-establish the loop road and define the pads at each RV site as time and resources allow.

DHR RPR No historic properties affected

NHB Data check: No impact.

Financial tracking: OOFRF602PH3501F

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

- Funds expended to date (incomplete): [\\$311,186.13](#)

Next Steps:

- Project complete! The RV Park opened for the season on May 27.

### 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.
- Preliminary design concepts for the northern parks were presented via zoom on March 4 and for the southern parks on March 25.
- Zoom meetings on April 2 and April 15 to further discuss the design direction for the Bear Hill Camp with Director Bryce.
- Northern parks design refinement zoom meeting was held on May 6. Southern parks design refinement meeting was held on May 20, 2022.
- In a June 15 meeting with Commissioner Stewart and Director Bryce the scope of work for phase 2 of the project was discussed. Budget limitations make it clear we cannot do campground expansion at all six sites. It was decided to go forward in Phase two with Mollidgewock, Jericho and Pawtuckaway. The scope of work at each site is expected to be reduced from the scope presented in the preferred design options in order to stay within the budget.

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:

- Feasibility summary and conclusion are scheduled for July.
- Request Letter of Waiver from DPW to allow DNCR to contract with SE Group for the phase two design contract in excess of \$500,000.
- Request permission from the Fiscal Committee to divert ARPA funds from the Bear Brook Catamount Pond, Bear Brook Bear Hill, and Crawford Notch projects to supplement the ARPA allocations for Mollidgewock, Pawtuckaway and Jericho projects.
- Receive proposal from SE Group for the Phase two design contract. Proposal expected by August 12 with target G&C date of September 21.