

ARP FUNDED PROJECTS STATUS REPORTS

October 12, 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 with Lee Corrigan LLC .
- [The contractor has removed the existing concrete block retaining wall behind the existing plant and has constructed the new retaining wall. The new underground septic storage tank has been installed. Foundations and concrete floor slab for the new plant are next if the weather remains favorable.](#)

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

NHB Data check:

- Seth Prescott met with NHB and NH Fish and Game on July 19 to discuss the project impact. Fish and Game will provide recommendations for protecting butterfly species. NHB has provided their recommendations.

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. (\$993,000 is available for the construction contract) Other sources of funding will be:

- Capital Budget appropriation of 2020 (13170000) **\$1,711,558**
- 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:

- Get on the agenda of the Fiscal Committee for consideration of diverting ARPA funding from Mt. Washington Sewage Treatment to Cannon Mountain Sewage Treatment. ([Pending updated cost estimate for Cannon Sewage Pipeline,](#))
- Construction supervision for Lee Corrigan LLC's work on the summit.

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, 2022.
- Underwood Engineers made an on-site inspection of proposed pipeline routes on April 22, 2022

- The pipeline route to the existing park HQ building pump station has been selected. It will require replacement of the existing pump station at HQ. Design development for this plan is on-going.
- [Draft 30% design technical memo due October 15.](#)

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, 2021. Roger Dionne assigned as Project administrator.

Next Steps:

- Provide information on selected pipeline route to NHB for their data check.
- Final 30% design technical memo due on Nov. 1, 2022
- 90% bid documents due Dec. 1, 2022
- DNCR and NHDES design review period Dec. 1 to Dec. 31, 2022
- 100 % bid documents complete Jan. 15, 2023
- Bidding period Jan. 15 to Feb. 28, 2023
- Get on Fiscal Committee agenda for permission to shift funds allocated for Mt. Washington Sewage Treatment Plant to the Cannon Mountain Sewage Pipeline.

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 at Greenfield 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.
- Eversource determined the customer pre-payment amount for the Greenfield work will be \$198,967.95
- Director Phil Bryce made the decision to discontinue work on the Ellacoya RV park electrical upgrade because the cost (approx. \$500,000) for Eversource to bring sufficient power to the park greatly exceeds our budget. The Fiscal Committee approved a request to shift the remaining funds for the Ellacoya project and the Jericho dump station project over to the Greenfield water and electrical systems upgrade project at their September 9th meeting.

G&C target meeting: [April 5, 2023](#).

DHR RPR:

- Greenfield: archaeologically sensitive. [Needs phase 1 A survey Out to bid Oct. 10. Due on Oct. 26](#)
- 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	
	Total funding now allocated to Greenfield		\$830,000
	Funds committed to date		<u>413,423</u>
	Balance available for construction		416,576

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.
- [Preparation of bid documents for the Greenfield water and electrical systems upgrade by design consultants. Goal for out-to-bid date is mid-January.](#)

- Utility easements to be approved by the PUC and DOT for Eversource to bring power into the park.
- Contract with Eversource for Customer Pre-payment to G&C for approval.

FIRE TOWER REPAIRS

Project Manager: Patrick Hackley and Steve Sherman

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.
- Alba Architects draft report on Watchman's cabins received on August 2.
- Project scope: At a DNCR in-house meeting on Aug. 11, it was decided that the project scope will include replacing tower cabs at Cardigan, Belknap, Pitcher and Federal Hill. Watchman's cabins to receive consideration for rehab for use as camping cabins will include, Prospect (Weeks), Milan Hill and Cardigan. The renovation of watchman's cabins will accommodate three season use.
- DNCR coordination meeting with PAL and Alba Architects on September 29. The in-house consensus was that one contract should be issued ASAP for tower repairs and watchman's cabin renovations at Cardigan and Belknap. A second contract should be issued for Federal Hill and Pitcher Mountain tower repairs when communications equipment is relocated from these sites. The second contract would include other watchman's cabin renovation to the extent that the budget allowed.

G&C Target Meeting: April 12, 2023 (for the first contract)

DHR RPR: Need a phase 1 A survey of all the fire tower sites. PAL submitted Individual Inventory Forms for tower sites on October 10, 2022. Historic Site Management Plan is due by Nov. 30.

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:

- 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 Nov. 30, 2022.](#)
- [Arrange for inspection of watchman's cabins for asbestos containing materials and if necessary, asbestos abatement.](#)
- [Bid Documents for Cardigan and Belknap to be prepared by Alba Architects.](#)

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, 2021
- 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 which exceeds our budget allotment of \$800,000.
- [September 30, 2022, meeting with Commissioner Stewart it was decided to shift the focus of the project away from the Main Building Renovation due to budget limitations. The new focus will be renovation of the Falcon / Hawk house into two rental units. Design will be DNCR in-house by Scott Coruth. Contract with Alba Architects has been terminated.](#)

G&C Target date: [April 2023](#)

DHR RPR: Submitted July 30, 2021. No historic properties affected but a Phase 1A investigation may be necessary once site impacts are determined

NHB Data check: No impact

Financial Tracking: OOFRF602PH3501M

ARP funding allotted: \$800,000

Preliminary cost estimate for Falcon / Hawk House is \$400,000. Balance of allocation to be used for additional projects at Coleman Lodges still to be determined.

DPW

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

Next Steps:

- Complete bid documents for Falcon Hawk House renovation.
- Out to bid for Falcon / Hawk House in November 2022.

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, 2022
- A meeting with VHB Engineers was held on Feb. 15, 2022 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, 2022 in preparation for making recommendations on securing the bunkers and improving public safety at the site.
- 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.
- Progress prints for parking lot and septic system received on August 1 for review.

- Pre-application meeting with Eban Lewis of DES was held on Aug. 24, 2022, to consider site plan issues relevant to shoreline protection. Eban reported that the vulnerability assessment will not preclude building a septic system at our chosen site.
- VHB provided options for securing the batteries on Aug. 23, 2022. DNCR's preferred option for closing openings in the batteries is steel plates bolted to the inside of the concrete openings. In Battery Hunter there are 11 window openings and 15 door openings.
- [Bid documents for bunker security, parking lot and septic system in progress](#)

G&C Target Meeting: (For septic system, parking lot improvements, and bunker security) [April 2023](#).

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
- Coordinate with consultants to provide information to NHB.
- [VHB to proceed with preparing bid documents and permitting for site work and for work to secure the batteries. Out to bid target date is February 1, 2023](#)

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 was Solid Roots Construction with a price of \$349,900. The contract was approved by G&C on Feb. 16, 2022. Work started on July 5 and was completed on October 12, 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 the fall for a project with an anticipated start date of September 2023.
- **Nursery Irrigation:** A contract was issued to Covered Bridge Corp for pouring the foundation and floor slab of the irrigation system pump house and approved by G&C on May 4. Slab was poured July 12.
- **Nursery Irrigation:** The new pump house for the irrigation system will be constructed with own forces (DD&M crew) in the fall of 2022.
- **Umbagog Site Improvements:** Bid documents for a new fence on the east property line will be released in October. Installation of the fence is planned for May 2023.

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

For the Umbagog Fence: January 18, 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.
- [Issue RFB for the Umbagog fence](#)

FRANCONIA NOTCH HIGHWAY SIGNS

Project Manager: Johanna Lyons, and Tom Mansfield

Status: Condition assessment of existing highway signs complete

- Request for Proposals (RFP) has been drafted and sent to the Purchasing Office on August 2 to see if it can be bid out by the purchasing office as a commodity purchase. [A contractor's cost estimate has been forwarded to the Purchasing Office showing labor costs to be approx. 20% of the project cost and materials 80%. The Purchasing Office can bid the signs as a commodity.](#)
- 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: [The Purchasing Office will bid this project on October 12, 2022. The project will not need to get G&C approval.](#)

DHR RPR: No adverse effect

NHB Data check: No impact

Financial tracking: OOFRF602PH3501C

ARP funding allotted: \$100,000

[A cost estimate from Barlo Signs on Sept. 6, 2022, came in at \\$212,000. This exceeds our budget allotment. Supplemental funding will be drawn from the Park Operations account so that the project can go forward.](#)

Next steps: [Receive bid results from the Purchasing Office and decide if there is an acceptable bid.](#)

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.
- [Project Complete](#)

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:

- 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:

- Project Complete

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:

- None

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.
- SE Group submitted a draft of the Feasibility Study on October 4, 2022. DNCR edits have been sent back for incorporation in the final document
- SE Group submitted a revised proposal for a Phase Two contract to design campground expansions at Jericho, Mollidgewock, and Pawtuckaway on October 4, 2022. Negotiations are in Progress.
- Horizons Engineering submitted a proposal for wetlands delineation work at Jericho and Mollidgewock to be done this fall so that design work on the campground expansion projects could go forward during the winter. This would be a separate contract from the one with SE Group in the amount of \$9,900. Submitted contract documents are being processed by DNCR.

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

- Mollidgewock Phase 1-B survey out to bid on Aug.3. Bids due on Aug. 17. The low bidder was Independent Archaeological Consulting at \$6,753. Contract for the Phase 1-B survey was issued to IAC on September 20, 2022. Completion date is Dec. 31, 2022.

NHB Data check:

- Mollidgewock: no impact
- Consultation and more information needed at
 - Pawtuckaway, Big Island
 - Jericho

DPW: Project Request form submitted Aug. 2

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

Financial Tracking:

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

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.

Fiscal Committee approved diverting ARPA funds from the Bear Brook Catamount, Bear Hill, and Crawford Notch projects to supplement allocations for Mollidgewock, Pawtuckaway and Jericho projects at their September 9 meeting in amounts as follows:

Jericho Mountain: reallocate \$1,895,000 bringing total to \$3,300,000
Mollidgewock: reallocate \$120,000 bringing total to \$2,760,000
Pawtuckaway: reallocate \$2,560,000 bringing total to \$2,950,000

Next Steps:

- Final Feasibility Report due on October 26, 2022
- Conclude negotiations with SE Group on the Phase 2 design contract.
- Finalize the separate contract with Horizons Engineering for wetlands delineation at Jericho and Mollidgewock to be completed this fall so that campground design can go forward this winter.