



STAFF REPORT

Board Meeting Date:	February 9, 2021
Agenda Title:	Quarterly Project Report – Fiscal Year 2021, Second Quarter
Requested Action:	For informational purposes only.
Department / Agency Lead:	Department of Parks, Recreation, and Tourism / Department of Public Works / Department of Facilities and Fleet Management
Staff Leads:	Seth A. Hendler-Voss, Director of Parks, Recreation, and Tourism Thomas J. Smith, Director of Public Works Matthew F. Villareale, Director of Facilities and Fleet Management

County staff has compiled brief summaries of the active County projects for the months of October, November, and December of 2020. The attached Executive Summary and Presentation summarizes and highlights the active projects within the County. This report meets the requirements of Code of Virginia Section 15.2-516 and Prince William County Code of Ordinance 2.1.(5) and 2.1.(5).a which requires the County government to provide “periodic reporting” on the “status of major projects and issues.”

Detailed project reports will be available through the County’s intranet site at <http://connectapps.pwc.ad/apps/cxprojmgr/intranet/>. Staff will publish full project reports on the internet starting on February 10, 2021. Citizens will then be able to view the detailed project reports online at: <https://eservice2.pwcgov.org/eservices/qpr/>.

Attachments - Executive Summary & Presentation

EXECUTIVE SUMMARY

Department of Facilities & Fleet Management

Facilities Construction Management (FCM) Division

- Adult Detention Center Phase II Expansion – Final Occupancy Permit was issued on October 9, 2020. Staff has moved in over the course of several months. The integration of the electronic security system with the Main Jail continues with anticipated inmate move -in sometime in February 2021.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=835>
- Animal Shelter Expansion – David Smith, Project Manager, with Michael Baker International is scheduled to present a construction update on this project to the Board at its afternoon meeting (2:00pm) on February 9 as part of the Capital Projects Quarterly Project presentation.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=857>
- Groveton Fire and Rescue Station 22 – Substantial completion occurred on December 4, 2020. The Department of Fire and Rescue moved in and took calls on January 2, 2021.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=875>
- Courthouse Security System & Lobby Expansion Project –Phase 2 of the lobby portion of project is 95% complete. Interior finishes have been installed, the storefront is complete and ballistic security film has been applied. Pending the interior glass security partition installation, and subsequent scanning equipment relocation, the project should be finalized by the end of January. The security system upgrades are approximately 50% complete and on-schedule. Access control wiring has been installed; card-readers are being added and replaced throughout. Intercom speakers and associated wiring are being installed. Emergency call boxes have been installed. Camera installation is pending ethernet switch and rack installation.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=854>
- Public Safety Training Center Master Plan Update –The update is completed and will be presented to the Board in March 2021.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=881>
- Judicial Center Complex Master Plan Update –Procurement Services has signed off on the task order. The Purchase Order (PO) is in progress. Kickoff meetings with stakeholders will be scheduled, pending PO approval, for mid-February.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=912>

- Juvenile Services Center Planning Study – FCM met with the users to reduce the square footage of the proposed building and to look at how it will fit on the existing site. Revisions to the costs due to the reduction in beds and square footage and the location change are pending. The project will be completed in two phases. Phase 1 consists of the new Juvenile Services Center (JSC) some parking, and utilities. Phase 2 includes demolition of the existing building and construction of the new Molinari Juvenile Emergency Shelter, connection to new JSC and parking.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=915>

Property Management (PM) Division

- Chinn Library Parking ADA – This project used Building & Facilities Program (B&FP) funding. It includes Americans with Disabilities Act (ADA) compliant sidewalks and parking as well as replacement of existing exterior stairs. Project is now complete.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=901>
- Ferlazzo Building Exterior ADA Improvements – This B&FP project includes installation of ADA sidewalks, ADA parking and ADA ramps/railings. The sidewalks and parking are now in use. The railings on retaining walls in the front of the building is completed. Railing and related ADA signage installations on ADA ramps to the building are scheduled to be installed first week in February.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=902>
- Parks Fleet Building Repair – This B&FP project includes repair of hairpins in the floor slab and other code/safety-related updates to the building. The hairpin repair construction is completed. Plans to repair code violations are substantially completed and are due for submission to the Development Services Department for approval.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=904>
- Ferlazzo Building Atrium Ceiling Replacement – The B&FP program previously funded the replacement of ceiling in the hallways. Staff took advantage of the significantly reduced occupancy in the building due to COVID to perform replacement of the atrium ceiling. The project is now complete.

Department of Parks, Recreation and Tourism (DPRT)

- Catharpin Park Phase II – Construction of soccer fields was completed on June 30, 2020. Concession stand construction scheduled to begin in March 2021. The facility will open to the public in August 2021.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=892>
- Catharpin Park Auxiliary Building – Documents submitted to Procurement for bidding. Bids will be issued by the end of January 2021.

- Rollins Ford Park Phase 2 – Pond rehabilitation construction is in progress will be completed by Mid-February. Bid opening for Rollins Ford Park is scheduled for February 19, 2021.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=862>
- Harbor Drive Wellness Park –Pre-construction meeting held on January 21, 2021. Notice-to-proceed (NTP) issued for January 29, 2021.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=907>
- Doves Landing – The Master Plan for this project will be updated in 2021.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=892>
- Broad Run Greenway – Staff is working on a task order for evaluation of the existing bridge and design of the project.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=767>
- Occoquan Greenway – Survey and geotechnical investigation are completed. Design work is 50% complete.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=769>
- Potomac Heritage National Scenic Trail –Documents submitted to Virginia Department of Transportation (VDOT) on January 13, 2021. Coordinating stormwater management issues with Virginia Department of Environmental Quality (DEQ).
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=766>
- Locust Shade Park – Maintenance Building – NTP issued for January 25, 2021.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=861>
- Long Park Auxiliary Building – Pre-construction meeting held on December 22, 2020. Ground-breaking held on January 14, 2012. Construction is in progress.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=911>

Department of Public Works (DPW)

Solid Waste (SW) Division

- Balls Ford Road Compost Facility – The Second Amendment to the Amended and Restated Service Agreement for the Organic Waste Facility was signed by the Board in December 2020. New technology has been developed since original service agreement. Phase II will now use "In-vessel Advanced Aerobic Composting" to replace "Anaerobic Digestion." Phase I of the construction was completed in July 2020. Site is now taking Category 1, 2 and 3 food waste. Phase II construction (In-vessel Advanced Aerobic Composting) will begin late spring of 2021 with a scheduled completion date of August 2022.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=905>

- Landfill Liner Design and Construction of Phase III, Cell A - Design has been completed. Bids were received and opened January 19, 2021. Contract award is anticipated mid-February 2021. Construction scheduled for completion in October 2021.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=898>
- Landfill Eco Park Complex – Staff is scheduled to provide an update on this project at the afternoon session (2:00pm) of the February 9, 2021 Board Meeting as part of the Capital Projects Quarterly Update presentation.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=780>
- Revise and Update 2004 Solid Waste Management Plan - The current Solid Waste Management Plan (SWMP) was approved on June 22, 2004 and needs to be updated considering current technologies and trends in the industry. The Solid Waste Fee was adopted in and implemented in 1999 and the process used to determine fee amounts needs review for consistency and accuracy. Expertise from a consultant to lead the County through a community process to guide the SWMP for the next 10-20 years is needed. The overall goal of the SWMP is to reduce the amount of waste entering the County Landfill. A review of the Solid Waste Fee and possible long term funding options for the system will be included in the study. Previous plan goals and major issues were reviewed with the Solid Waste Advisory Group at its meeting on October 22, 2020.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=908>

Environmental Services Division (ESD) - Drainage Improvements:

- Powells Creek 725 Phase 1 Stream Restoration – Construction is underway and scheduled to be completed by October 31, 2023.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=833>
- Dewey’s Creek Stream Restoration, Reach 2 – Staff is scheduled to provide an update on this project at the afternoon session (2:00pm) of the February 9, 2021 Board Meeting as part of the Capital Projects Quarterly Update presentation.
<http://mydesktop/apps/CXOProjMgr/Intranet/InetDetail.asp?ProjId=863>
- Stormwater Facility 232 – Water Quality Retrofit - This project will convert an existing dry detention pond to an enhanced extended detention facility. The resulting increase in pollutant removal efficiency will help the County meet its Total Maximum Daily Load (TMDL) reduction requirements.
<http://connectapps.pwc.ad/apps/cxoprojmgr/intranet/InetDetail.asp?ProjId=916>



PRINCE WILLIAM
COUNTY

Quarterly Project Report Fiscal Year 2021, Second Quarter

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Director of Parks, Recreation & Tourism

Projects Highlighted Today

Department of Facilities & Fleet Management

- Animal Shelter Expansion
- Adult Detention Center (ADC) Phase II Expansion
- Groveton Fire & Rescue Station 22
- McCoart Building Exterior ADA Improvements
- Courthouse Security System & Lobby Expansion Project
- Building & Facilities Program (BFP) Projects
 - ❖ Ferlazzo Building Atrium Ceiling Replacement
 - ❖ Ferlazzo Building Exterior ADA Improvements

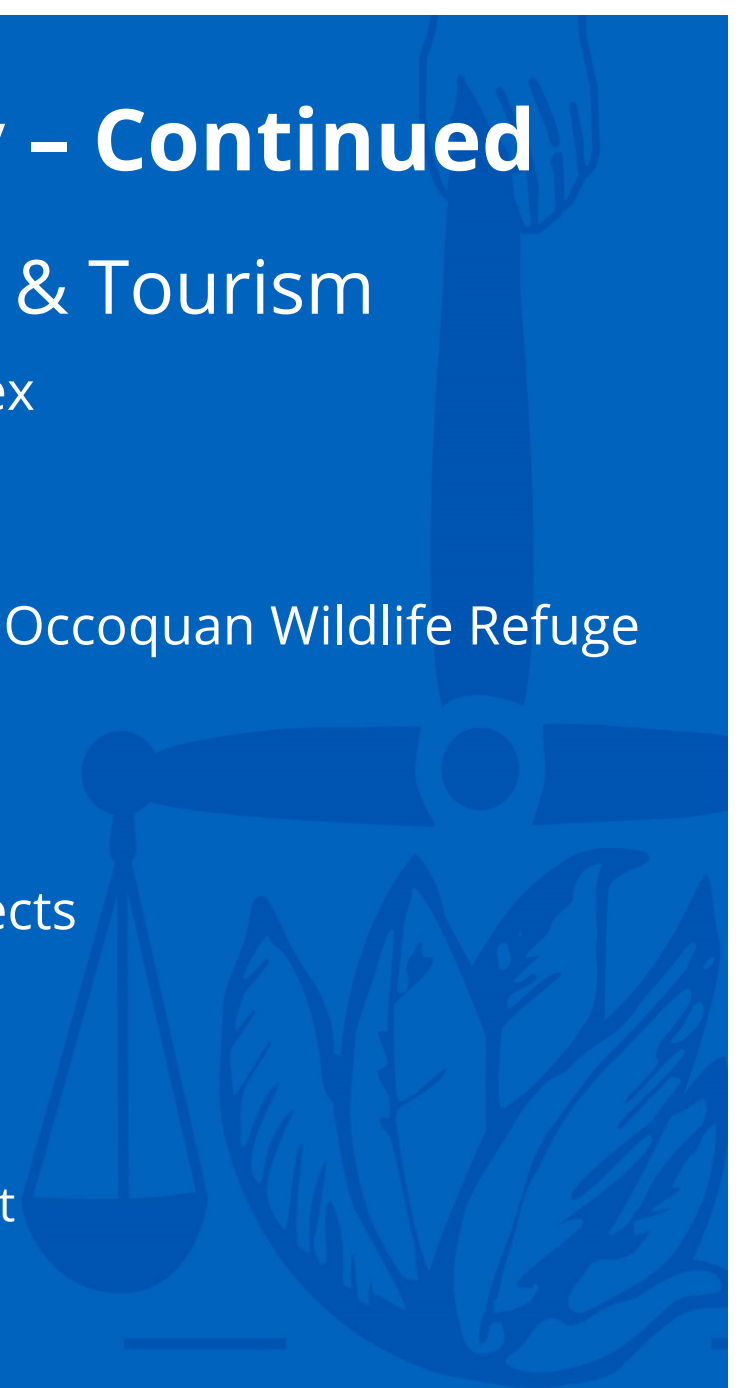
Department of Public Works

- Landfill Liner
- Balls Ford Road Compost Facility
- Landfill Eco-Park
- Dewey's Reach 2 Stream Restoration

Projects Highlighted Today – Continued

Department of Parks, Recreation & Tourism

- Catharpin Park Phase II - Soccer Complex
- Rollins Ford Park
- Harbor Drive Wellness Park
- Potomac National Heritage Scenic Trail, Occoquan Wildlife Refuge Segment
- Brentsville Historic Jail Exhibit
- Hellwig Park Artificial Turf Field
- Building & Facilities Program (BFP) Projects
 - ❖ Rippon Lodge ADA Improvements
 - ❖ BMX Track Upgrades
 - ❖ Locust Shade ADA Improvements
 - ❖ WaterWorks Retaining Wall Replacement



PWC Animal Shelter – Jan. 2021



Michael Baker:
CM Services

Project Manager: David Smith
Construction Manager: Yasser
Gamil

Project Status

Schedule			
Total Calendar Days	Days Used	Days Remaining	%Time Lapsed
540	239	301	44.3%

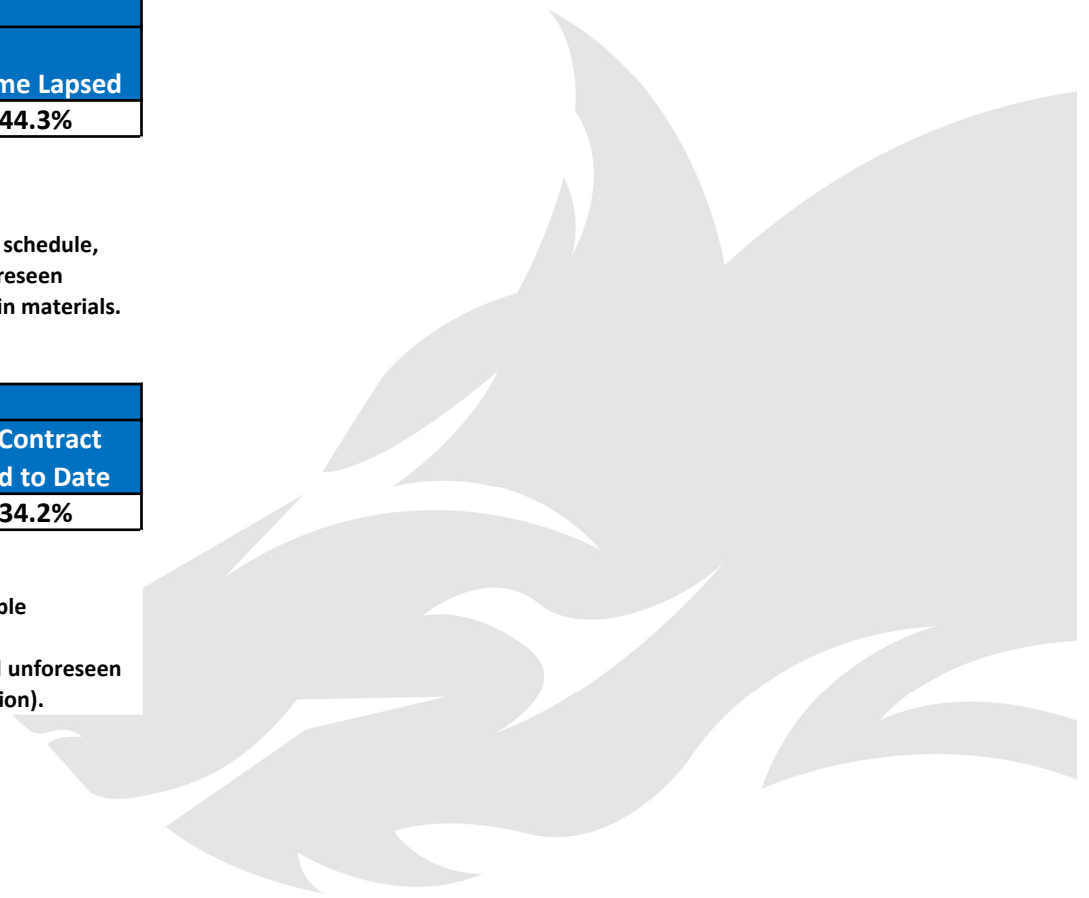
Footnotes:

1. Original Substantial Completion: October 28, 2021
2. Original Final Completion: January 26, 2022
3. In the process of negotiating an extension to the construction schedule, which will be approximately 45 days. Delays come from unforeseen conditions (such as unmarked utilities), weather, and change in materials.

Cost			
Base Contract	Current Contract ¹	% Change Orders ²	% Contract Paid to Date
\$11,136,925	\$11,166,067	0.3%	34.2%

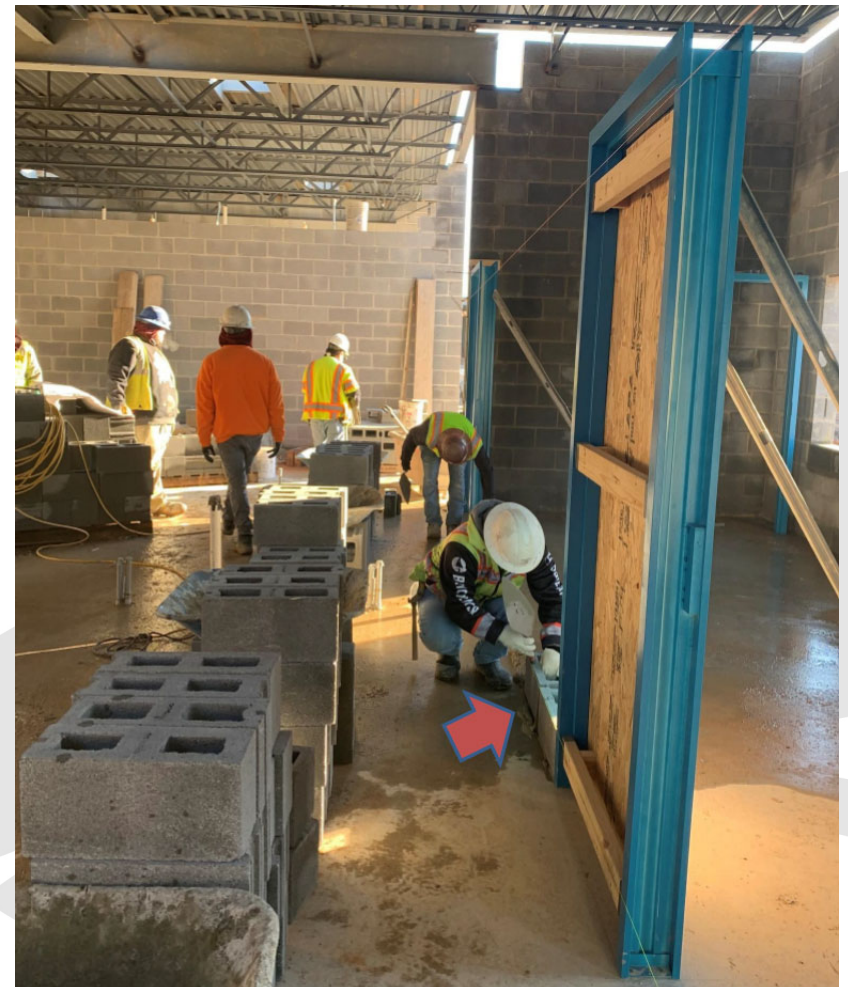
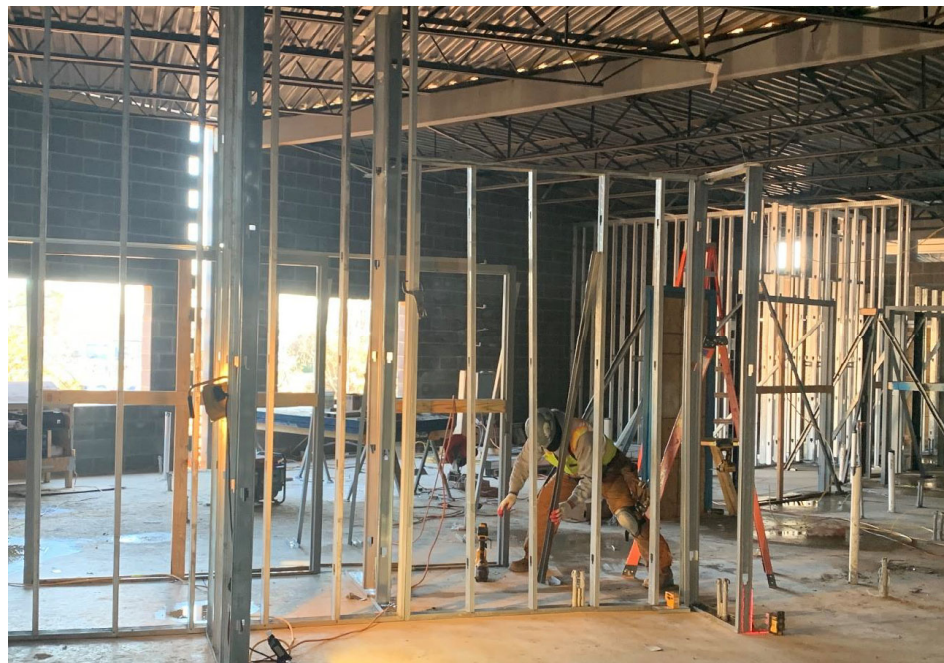
Footnotes:

1. "Current Contract" includes approved change orders.
2. Change Order (CO-1) executed for \$29,142 as a result of multiple unforeseen underground utilities.
3. Additional proposed change orders are pending for additional unforeseen conditions and additional scope (including new building addition).



Last Quarter

- Electrical conduits and plumbing
- Exterior and interior CMU walls
- Structural steel
- Roofing and sheathing
- Interior door frames



Additional Pictures

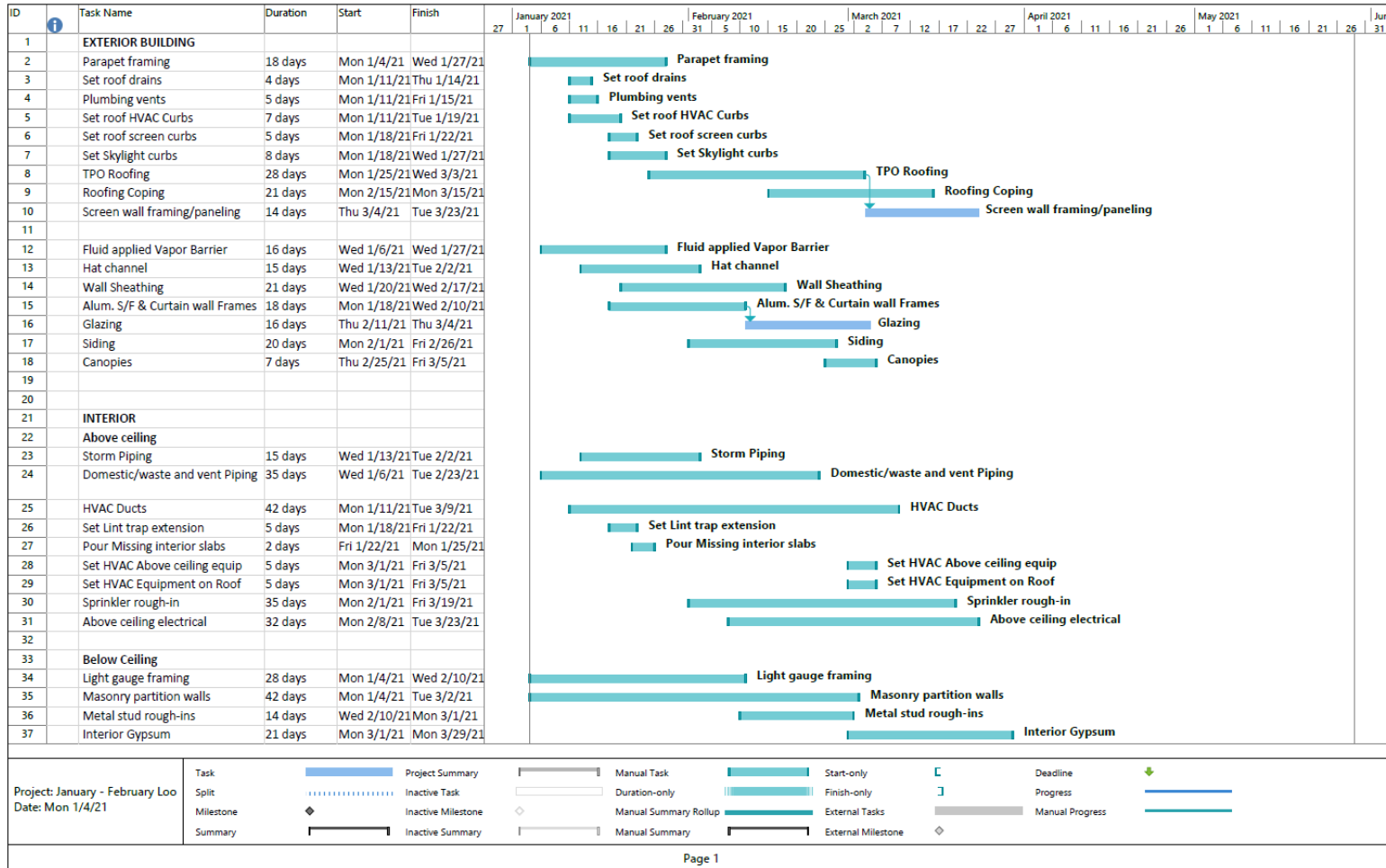


Additional Pictures



Next Quarter

- Roofing: Set drains, HVAC curbs, framing and paneling
- Siding: Wall sheathing, fluid applied vapor barriers, canopies
- Interior: Piping (storm, water, sanitary), HVAC ducts, electrical



ADC Phase II Expansion

- **Project Substantially Complete**
- **Final Occupancy Permit issued Oct 9, 2020**
- **Staff has moved in, inmates will be moved beginning Feb 2021**



Groveton Fire & Rescue Station 22



- Construction substantially completed on Dec 4, 2020
- Fire & Rescue moved in on Jan 2, 2021 and began running calls



McCoart Building Exterior ADA Improvements



- Construction substantially completed on Dec 4, 2020



Courthouse Security System & Lobby Expansion



- Lobby Expansion Phase 2 – 95% Complete
- Security Systems Upgrades – 50% Complete



BFP Project – Ferlazzo Building Ceiling Replacement



- Ceiling in Atrium has been replaced



BFP Project – Ferlazzo Building Exterior ADA Improvements

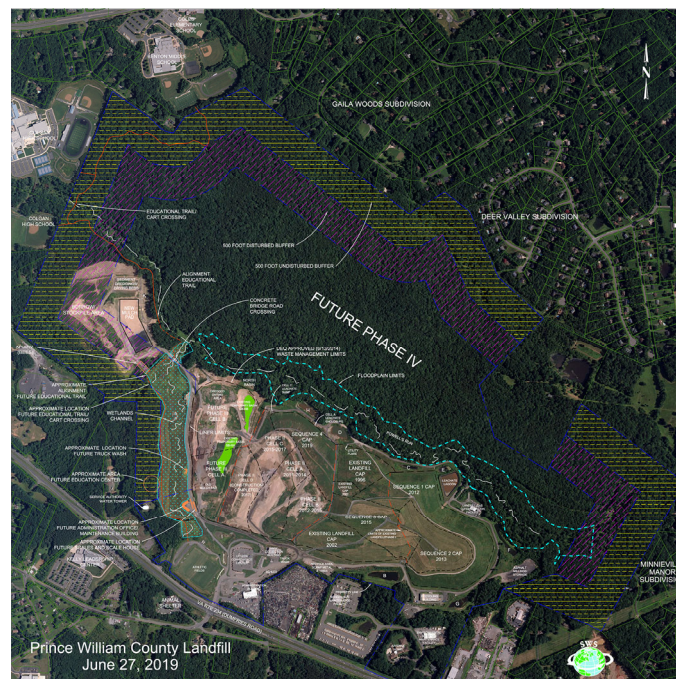


- **Handrails recently installed at front entrance**



Landfill Liner (Phase III, Cell A)

- Project includes design and construction of Phase III, Cell A lined landfill cell
- Design Phase – Completed
- Construction Phase
 - ❖ Bid Opening - Jan 19, 2021
 - ❖ Contract Award – Mid-Feb 2021
 - ❖ Completion - Oct 2021



Balls Ford Road Compost Facility



➤ Food Waste Program

- ❖ Phase I Completion - July 2020
- ❖ Now accepting Category 1, 2 and 3 food waste
- ❖ Phase II construction (In-vessel Advanced Aerobic Composting) begins - Spring 2021
- ❖ Scheduled completion- Aug 2022



Landfill Eco-Park

- Environment – Energy - Education
- Future Waste Conversion Facility
- Renewable Energy
 - ❖ Landfill Gas-to-Energy Project
 - ❖ Future Solar Project
- Future “Living Building” Education Center



Dewey's Reach 2 Stream Restoration



- **Quantico Creek Watershed**
- **Potomac Magisterial District**
- **\$1.75M competitive State grant received by Env. Services**
- **Completed in fall of 2020**
- **4,865 linear feet of restoration**
- **MS4 Permit requirement**
- **Achieves pollutant reductions for the Chesapeake Bay TMDL**
- **Pollutant Reductions (lbs/year)**
 - ❖ **Nitrogen 259.17**
 - ❖ **Phosphorus 292.81**
 - ❖ **Sediment 52,283.42**

Dewey's Reach 2 Stream Restoration



BEFORE



AFTER



Dewey's Reach 2 Stream Restoration



BEFORE



AFTER



Catharpin Phase II-Soccer Complex



- **Construction of soccer fields completed in June 2020**
- **Concession stand construction to begin in March 2021**
- **Facility opening – August 2021**



Rollins Ford Park



- **Bid Opening - Feb 19, 2021**
- **Construction Timeline - April 2021 to Sept 2022**



Harbor Drive Wellness Park



- Notice-to-Proceed - Jan 29, 2021
- Opening - Fall 2021



PHNST – Occoquan Refuge Segment



- **Project is substantially complete**
- **Completion April 2021**



Brentsville Jail Exhibit



- Construction complete
- Facility reopening – May 2021
- The PWC Historic Preservation Foundation has raised funding for additional exhibits



Hellwig Park Artificial Turf Field



- **Construction to begin Feb 2021**
- **Opening - Spring 2021**



Building & Facilities Program Projects



Rippon Lodge ADA Improvements



BMX Track Upgrades



Building & Facilities Program Projects



Locust Shade ADA Improvements



WaterWorks Retaining Wall Replacement

