CEMETERIAL EXPENSES, ARMY APPROPRIATION FISCAL YEAR (FY) 2025 BUDGET ESTIMATES



March 2024

Military Construction, Veterans Affairs, and Related Agencies

JUSTIFICATION BOOK

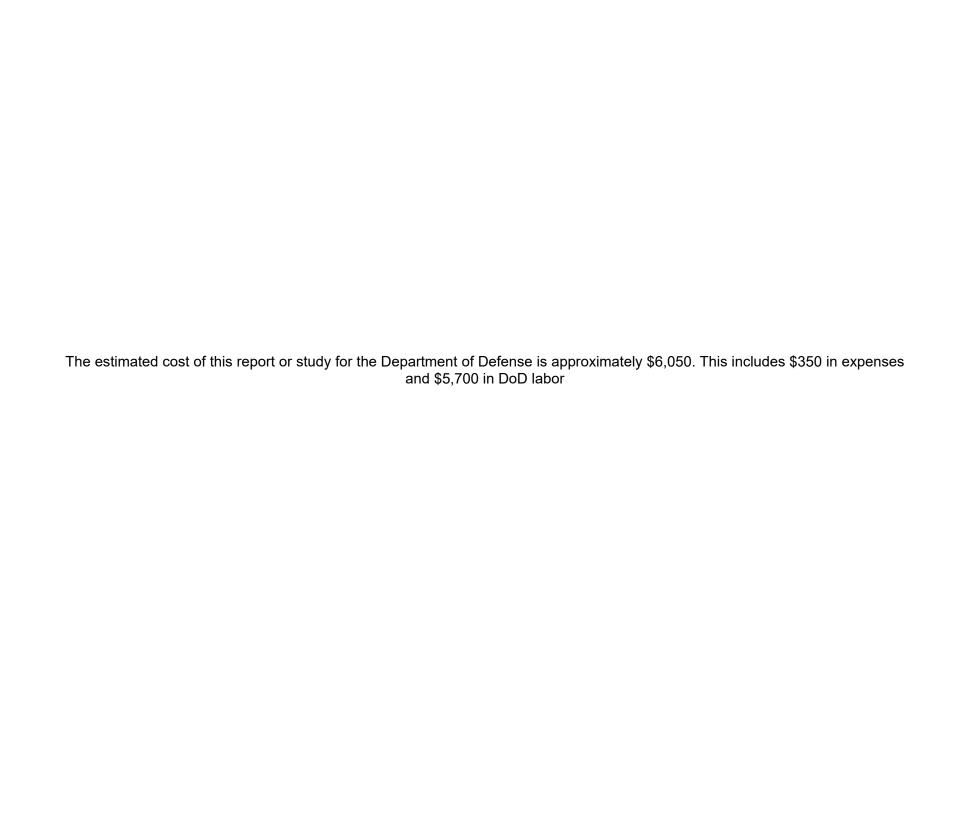


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Military Construction, Veterans Affairs, And Related Agencies
Cemeterial Expenses, Army
(\$ in Thousands)

Section I Executive Summary

Army National Military Cemeteries FY 2025 Funding Profile:

Army is requesting resources in FY 2025 for operations at Arlington National Cemetery and the Soldiers and Airmen's Home National Cemetery as well as for improvements to continue addressing infrastructure revitalization and modernization projects. In total, Army is requesting \$147.5 million in Cemeterial Expenses of which construction funding is \$17 million for the potential development of approximately nineteen thousand additional inurnment spaces within the Cemetery and \$25 million for the design of the Memorial Avenue Entry Corridor.

Internal Arlington National Cemetery engineering staff evaluations show opportunities exist, on a small scale, for expanding above-ground inurnment spaces within the Cemetery's footprint. These opportunities include: 1) The extension of the existing Niche Wall, where there is currently an older crumbling wall that needs recapitalization; 2) Repurposing of committal shelters into columbaria, where the committal shelters are not used as extensively since the nearby columbarium are filling up; 3) Maximizing other areas within Millennium where sufficient space exists for modest above-ground inurnment structures; and 4) Constructing additional low-level columbaria in the property acquired from the National Park Service in 2020. The Niche wall extension and Columbarium court expansion would provide approximately 8,000-9,000 above-ground inurnment spaces. Maximizing other areas within Millennium would add approximately 10,000 above ground inurnment spaces.

These projects are in separate areas of the Cemetery and require approval from the Commission of Fine Art, the National Capital Planning Commission, and the National Historic Preservation Agency. They will also undergo full National Environmental Policy Act (NEPA) Compliance reviews including public meetings.

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

Supporting Budget Line-Item Detail:

Cemeterial Expenses, Army (CEA)

Operations: 80,164 Operations and Routine Maintenance

Infrastructure Modernization: 25,350 Infrastructure Modernization Projects

Potential Development of Additional Inurnment Spaces

Construction 42,000 and Design of Memorial Ave Entry Corridor

Total Funding for ANMC: 147,514

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

Section II Appropriation Highlights

MILCON/VA/Related Agency Appropriation Summary:

Cemeterial Expenses, Army	FY 2023 Enacted	FY 2024 Annualized CR ¹	FY 2025 Requested
Salaries and Expenses	93,400	93,400	105,514
Construction	62,500	62,500	42,000
Total	155,900	155,900	147,514

Introductory Statement:

Army National Military Cemeteries (ANMC) consists of both Arlington National Cemetery (ANC) in Arlington, Virginia, and Soldiers' and Airmen's Home National Cemetery (SAHNC) in Washington, D.C. The SAHNC is one of the country's oldest national cemeteries, marking the final resting place for more than 14,000 veterans, including those who fought in the Civil War. The SAHNC continues to offer a final resting place for residents of the Armed Forces Retirement Home (AFRH) and is operated and maintained by ANMC staff.

Arlington National Cemetery and the Soldiers' and Airmen's Home National Cemetery are a living history of America. They are the final resting place for the heroes and patriots who built, preserved, and protected our great nation from its establishment, during the Civil War to the most recent military activities that continue today.

¹ A full-year FY 2024 appropriation for this account was not enacted at the time the budget was prepared; therefore, the budget assumes this account is operating under the Further Continuing Appropriations and Other Extensions, 2024 (Public Law 118-22). The amounts included for FY 2024 reflect the annualized level provided by the continuing resolution.

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

From the Soldiers of The Old Guard stepping in solemn vigilance before the Tomb of the Unknowns, to the gravesites of heroes and presidents, to the funerals for families and veterans of ongoing conflicts and wars long over, the memorials and acres of neatly lined white markers serve as a vivid reminder of the price so many have paid to keep our nation safe and free.

Since 1864, the U.S. Army has been the steward of ANC—an active military shrine that continues to inter or inurn veterans, spouses, and eligible dependents with dignity and honor. ANMC employees, active-duty military funeral details, and active-duty funeral escort units from the Army, Navy, Marine Corps, Air Force and Coast Guard honor, up to 30 veterans and family members each weekday, and 7-10 on Saturday (approximately 6,500 annually).

ANC is listed on the National Register of Historic Places, which serves as the United States' official list of historic places and districts worthy of preservation. The ANC historic district has over 200 named monuments, structures, and other historically significant objects. In addition to its importance as a sacred national cemetery and memorial to the Service Members of the United States that served our country throughout its history, it is also the final resting place of many Americans of national importance, including presidents, Supreme Court Justices, and countless military heroes. ANC is also significant for its architectural and landscape design created by masters of their craft. The ANC historic district includes the remnants of plantations and military camps spanning nearly a century from the Civil War to the Second World War. It also includes the roads and boundary lines marking Freedman's Village, which were created during and after the Civil War.

ANC also has a unique public outreach, education, and interpretation mission within the Department of Defense (DoD) serving as one of the most visited sites in the Washington, D.C. area. ANC strives to connect the cemetery's rich history both to virtual visitors and over three million on-site visitors annually. The cemetery hosts thousands of public and official ceremonies, ranging from heads of state to schools and scouting troops to veterans with the Honor Flights from across the United States and the world. Other notable events include Wreaths Across America which can draw over 100,000 public volunteers, the Sunrise Service on Easter Sunday which attracts approximately 5,000 visitors and two national ceremonies each year in the Memorial Amphitheater on Memorial Day and Veteran's Day. The cemetery conveys its rich history and events through the extensive use of comprehensive interpretive planning, social media and through an education program found on our website with numerous modules that convey America's history in the context of the cemetery's history.

The ANC grounds honor those who have served our Nation. Unique among our national cemeteries and landmarks, the impressive landscape of ANC was designated a Level III Arboretum in June of 2018, and was renewed in that status in 2022, which serves as a tribute to the service and sacrifice of every individual laid to rest within the hallowed grounds for nearly 160 years. The grounds provide a sense of beauty and peace—a solemn place for military families and our nation to mourn—and for our citizens and international guests to explore. The rolling green hills of ANC—across the Potomac River from our Nation's capital—are dotted with approximately 10,000 trees complementing the gardens throughout the approximately 689 acres of the cemetery.

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

ANMC Administration and Operations:

10 U.S.C. 7724 establishes the roles and responsibilities of the ANMC Executive Director who has overarching operational responsibility for ANC and SAHNC. ANMC's Executive Director administers the total operational requirements for ANC and SAHNC along with providing policies, standards, and oversight to the Army's 28 other cemeteries under the Office of Army Cemeteries (OAC). The Executive Director's ANC specific authorities and responsibilities include:

- Exercising authority, direction, and control over all aspects of ANMC's long-term development and day-to-day administration and operations.
- Formulating, administering, and overseeing plans, policies, and regulations pertaining to development, operation, and management of the Arlington National Cemetery and the Soldiers' and Airmen's Home National Cemetery.
- Overseeing programming, planning, budgeting, and execution of the Cemeterial Expenses, Army Appropriation and other accounts pertaining to ANMC's operations.

The Executive Director's staff also maintains functional expertise in operations, strategic communications, information technology, resource management, and engineering. The Executive Director is supported by ceremonial units from the Armed Services to provide funeral honors and memorial services, a detailed staff of chaplains, staff support from Headquarters Department of the Army, and the Arlington Ladies who represent the Service Chiefs and Commandants of each Armed Service at funerals. The Superintendent is responsible for the total management and administration of operations at ANC and SAHNC. There are three directorates: Interments (Services, Operations, Fleet); Engineering (Design and Construction, Facilities, Horticulture, Environmental, Planning, Real Property, and Cultural Resources); and support staff under the direction of the Chief of Staff (Resource Management, Human Resources, Contracting/Logistics, History, Public Affairs and Outreach, Operations and Security, Office of Chief Information Officer/G6, Safety, and Strategic Plans).

In exercising authority, direction, and control over all aspects of ANMC's long-term development, day-to-day administration, and operations the Executive Director focuses on ANMC's mission, vision, objectives, and lines of effort:

- ANMC Mission: Arlington National Cemetery represents the American people for past, present, and future generations by laying to rest those who have served our Nation with dignity and honor while immersing guests in the cemetery's living history.
- <u>Vision:</u> We are privileged to honor the service and sacrifice of those laid to rest at ANC and SAHNC. This solemn and
 honorable duty is captured as a singular vision that drives what we do each and every day; great people honoring service
 and sacrifice to a grateful Nation.

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE
Military Construction, Veterans Affairs, and Related Agencies

Cemeterial Expenses, Army
(\$ in Thousands)

Objectives:

- Honor the fallen and sustain accountability.
- Preserve our hallowed grounds.
- Synchronize and sustain Arlington National Cemetery for the future.
- <u>Values</u>: All of our efforts must help ensure that ANC remains a place for every generation to Honor, Remember, and Explore the depths of the creation of this great Nation and the heroes that have made incredible sacrifices for freedom.
 - **Honor** Honor the service and sacrifice of our eligible military members, veterans, and their family members with dignity, compassion, and accountability.
 - Remember Remember the sacrifices of those from each generation who have answered the call to serve by preserving cemeteries befitting of their sacrifices.
 - Explore Enable our guests to explore the rich, living history of our cemeteries and gain an appreciation for those
 who have defended our freedom and helped shape our Nation's history.

Description of Operations Financed:

The Military Construction, Veterans Affairs, and Related Agencies (MILCON/VA) appropriation, under Title III – Related Agencies: Cemeterial Expenses, Army, provides ANMC with its funding. These are a combination of one-year and multi-year funds which cover salaries and expenses related to operation & maintenance, construction, and infrastructure revitalization projects at both Arlington National Cemetery and the Soldiers' and Airmen's Home National Cemetery.

Operation & maintenance funding allocations support and sustain daily operations for funerals, ceremonies, and memorializations. This funding provides for the care and upkeep of gravesites and niches, grounds maintenance, upkeep of facilities and other infrastructure assets, and procurement of support equipment. Due to the transfer of Memorial Avenue from National Park Service (NPS) as part of the 2020 National Defense Authorization Act (NDAA), ANMC assumed additional maintenance costs relating to turf, shrub, tree, fountain, hemicycle, and the exterior of the Military Women's Memorial (MWM) maintenance, which were added to existing contracts and facilities sustainment projects. In FY 2025, ANMC plans to improve aging infrastructure such as the Memorial Amphitheater. This Amphitheater interior renovation project will install sprinkler systems and improve conditions in the Tomb Guard Quarters. Funding also addresses requirements for maintenance and repair of ANMC infrastructure such as facilities, roadways, water and sewer utilities, and upkeep of cultural resources. ANMC leases uniforms for wear by federal wage system

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

personnel to provide for a consistent and professional appearance in a high visibility environment and to easily identify them to the families and the public on cemetery grounds. Investments made in support equipment, such as excavators, innovative utility vehicles, and other productivity-enhancing equipment, have enabled ANC to operate with greater effectiveness, efficiency, and with less impact to the environment. ANC has also expanded electrical conduits to the government vehicle parking areas to enable the installation of electrical charging stations. Implementing cutting-edge equipment technology enhancements has reduced the physical impact of burial activities to the grounds, reduced risk of injury to employees, and improved the visible presence to families.

Security enhancements include visitor screening at designated entry points, visitor information assistance at key locations within the cemetery, and vehicle/pedestrian traffic control. Additional measures that enhance security and reduce risk to families, visitors and ANC's workforce are CCTV camera system, proper speed enforcement signage, and a Dual Authentication Common Access Card (CAC) system. These measures allow ANC's security team to monitor and control access into and around the cemetery further ensuring the security and safety of ANC visitors, employees, and guests.

In FY 2023, ANMC requested \$2.5 million to begin the planning effort to improve and enhance visitor screening and pedestrian/vehicular traffic flow into the land transferred during the 2020 National Defense Authorization Act. The planning phase, to include a traffic study to capture summer peak traffic at ANC, began in August of 2023 and will continue for the next two years. The feasibility study and NEPA was initiated in the fall of 2023 and will take until FY 2025 to complete.

Infrastructure revitalization funding for capital improvement projects aids in preserving Arlington National Cemetery as a national shrine while maintaining its quality, dignity, and central function as a military burial ground well into the future. Key capital improvement projects ensure ANMC can accomplish its mission now and for the future.

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE
Military Construction, Veterans Affairs, and Related Agencies

Cemeterial Expenses, Army
(\$ in Thousands)

Appropriations Language:

MILITARY CONSTRUCTION, VETERANS AFFAIRS' AND RELATED AGENCIES (TITLE III – RELATED AGENCIES)

CEMETERIAL EXPENSES, ARMY

SALARIES AND EXPENSES

For necessary expenses for maintenance, operation, and improvement of Arlington National Cemetery and Soldiers' and Airmen's Home National Cemetery, including the purchase or lease of passenger motor vehicles, lease of uniforms for federal wage system personnel, and not to exceed \$2,000 for official reception and representation expenses, \$105,514,000 of which not to exceed \$15,000,000 shall remain available until September 30, 2027. In addition, such sums as may be necessary for parking maintenance, repairs, and replacement, to be derived from the "Lease of Department of Defense Real Property for Defense Agencies" account.

CONSTRUCTION

For necessary expenses for planning and design and construction at Arlington National Cemetery and Soldiers' and Airmen's Home National Cemetery, \$42,000,000, to remain available until expended for potential development of additional inurnment spaces and Memorial Avenue security and safety improvements.

Sec. 301. Amounts deposited into the special account established under 10 U.S.C. 7727 are appropriated and shall be available until expended to support activities at the Army National Military Cemeteries.

Appropriations Language Narrative:

The \$147.5 million request in the Cemeterial Expense, Army – Salaries and Expense, and construction accounts, supports Arlington National Cemetery and Soldiers' and Airmen's Home National Cemetery for the purpose of daily operations, addressing historical structure restoration, facilities restoration, modernization issues, planning and design and expansion.

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

Section III Budget Detail

Appropriation Summary of Price/Program Growth:

Description	FY 2023 Program	FY 2024 Annualized CR ¹	FY 2025 Program
SALARIES AND EXPENSES			
Operation & Maintenance	68,400	74,880	80,164
Infrastructure Modernization	25,000	25,000	25,350
Construction	62,500	88,600	42,000
Undistributed		-32,580	
Total	155,900	155,900	147,514

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FISCAL YEAR (FY) 2025 BUDGET ESTIMATE
Military Construction, Veterans Affairs, and Related Agencies
Cemeterial Expenses, Army
(\$ in Thousands)

Appropriation Summary- By Object Class:

Cemeterial Expenses, Army

	21-1805-0-1-705	FY 2023	FY 2024	FY 2025
OC	Description	Estimate	Estimate	Estimate
11110	FULL-TIME EQUIVALENTS	17,251	20,560	21,656
11510	OTHER PERSONNEL COMPENSATION	1,355	736	831
12110	CIVILIAN PERSONNEL BENEFITS	6,598	7,813	8,247
21010	TRAVEL	733	301	301
23310	COMMUNICATIONS, UTILITIES, AND MISC.	3,515	2,936	2,936
24010	PRINTING AND REPRODUCTION	58	30	30
25110	PROFESSIONAL SPT SVC			
25210	CONTRACTING	36,149	38,889	38,337
25310	INTRAGOV PURCH			
25410	FACILITY O&M			
25710	EQUIP MAINT BY CONTRACT			
26010	SUPPLIES & MATERIALS	1,313	1,471	1,235
31010	EQUIPMENT	1,075	1,099	1,099
32010	LAND AND STRUCTURES	35,298	34,321	32,468
	TOTAL	103,345	108,156	107,140

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE
Military Construction, Veterans Affairs, and Related Agencies
Cemeterial Expenses, Army
(\$ in Thousands)

Reconciliation of Appropriations and Obligations Including Carry Over & Recoveries:

Cemeterial Expenses, Army: 21-1805-0-1-705/21-1809-0-1-705	Operation & Maintenance (0861)	Administration (0864)	Construction/ Infrastructure Revitalization (0865/0866)	ANC Major Construction (1809)	Totals
A. FY 2023 Appropriation (Allocations) B. Rescission of FY 2023 Authority	68,400 -	-	25,000 -	62,500 -	155,900 -
C. Allocation of Carry Over & Recoveries from PY	1,259	269	10,074	244,911	256,513
D. FY 2023 Total Budgetary Resources Available	69,659	269	35,074	307,411	412,413
E. FY 2023 Obligations (a/o 30 Sep estimated)	68,400	-	29,913	127,047	225,360
F. FY 2024 Appropriation (Allocations) Estimated G. Recession of FY 2023 Authority	74,880 -	- -	25,000 -	88,600 -	188,480 -
H. Allocation of Carry Over & Recoveries from PY	2,566	269	2,414	180,364	185,613
I. FY 2024 Total Budgetary Resources Available	77,446	269	27,414	268,964	374,093
J. FY 2024 Planned Obligations	74,880	-	27,414	268,964	371,258
K. FY 2025 Appropriation Planned (Allocations)	80,164	-	25,350	42,000	147,514
L. FY 2025 Planned Obligations	80,164		25,350	42,000	147,514
M. Change (FY 2025 vs FY 2024)					
1. Appropriation (Line K minus Line F)	5,284	-	350	(46,600)	(40,966)
2. Obligations (Line L minus Line J)	5,284	-	(2,064)	(226,964)	(223,744)

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

- Operation & Maintenance (086100) One-year funding supports day-to-day operations of the Army National Military Cemeteries, including planning and execution for approximately 6,500 interments and inurnments annually, as well as routine repairs made to facilities, contracted services, and horticultural work at Arlington National Cemetery and the Soldiers' and Airmen's Home National Cemetery. Funding shown in Object Class 31 is included in these estimates.
- Sustainment, Restoration and Modernization (086500/086600) Multi-year funding supports ANMC's infrastructure renovation, sustainment, and maintenance of ANMC facilities, utilities, and roadways. Created in FY 2013 to address the SRM backlog.
- ANC Major Construction (1809) No-year funding supports ANC's expansion efforts in construction of facilities and land improvements for expanded burial capacity.

Section IV Financial Summary

Financial Summary (Appropriations): Increases and Decreases:

FY 2024 President's Budget (Cemeterial Expenses, Army: 21-1805-0-1-705/21-1809-0-1-705) Congressional Adjustments		
Requested Amount		\$188,480
Anticipated Program Increases		\$5,634
Annualization of FY 2025 New Programs	\$0	
Recurring Service and Support Cost Increases		
Civilian Staffing (Compensation & Benefit Costs Only)		
Land & Structures (Infrastructure Modernization)	\$350	
Anticipated Program Decreases		\$46,600
Annualization of FY 2025 Program Decreases		
One-Time Cost Decreases (removal of Congressional Adjustment)		
Travel and Transportation of Persons Cost Decreases		
Utilities, Rents, and Communication Cost Decreases		
Contracts		
Reproduction Cost Decreases	\$0	
Land & Structures (Construction) Decreases	\$46,600	
FY 2025 Budget		\$147,514

Military Construction, Veterans Affairs, and Related Agencies

Cemeterial Expenses, Army (\$ in Thousands)

Section V Personnel Summary

ANMC Personnel Requirements:

Army conducted a manpower review of ANMC in FY 2020 which validated an increase to the organizational structure and total manning levels for Arlington National Cemetery's mission, functions, authorities, and command and staff relationships within the Army. ANMC is actively hiring all vacant positions; however, due to projected attrition, is not requesting additional validated positions at this time.

	FY 2023 Actual	FY 2024 Requested	FY 2025 Requested	Change
Active Military End Strength Total	14	14	14	0
Officer	9	9	9	0
Enlisted	5	5	5	0
Civilian Full-Time Equivalents (FTE) Total	219	219	219	0
Total Military/FTEs	233	233	233	0
Average Annual Civilian Salary Cost				
General Schedule (GS) Graded Positions	\$138.92	\$147.20	\$155.74	\$8.54
Federal Wage Grade (WG) System Positions	\$98.95	\$102.87	\$108.18	\$5.31

FISCAL YEAR (FY) 2025 BUDGET ESTIMATE

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

Section VI Supporting Budget Priorities

Background:

Arlington National Cemetery and Soldiers and Airmen's Home National Cemetery are national treasures. Preserving these assets well into the future and maintaining their quality, standing as National Shrines, and central function as military burial grounds are paramount to Army leadership. The ANMC budget identifies key capital improvement projects and infrastructure modernization projects, which maintain and sustain safety, security, cultural, and environmental requirements.

Supporting DoD and Army Priorities:

- <u>Department of Defense Priority Preserve and Enhance the Force</u>: This request is critical to continuing Army National Military Cemeteries' mission and preserving ANC as a national shrine for generations to come.
- <u>Army Priority</u>: ANMC must continue to revitalize and maintain infrastructure systems to provide an effective and safe environment for conducting daily burials, hosting ceremonies and hosting visitors in a manner that honors our Nation's veterans.
- Objectives: ANMC is pursuing three objectives to accomplish its sacred mission:
 - Nation's fallen & Sustain Accountability. ANMC's decisive operation—its core mission—is to honor our Nation's fallen military heroes as they are laid to rest in solemn repose. At its end state, "Honor the Fallen" ensures that each family feels that they were served by a professional and compassionate staff that scheduled and conducted the final tribute to their loved one flawlessly; the family leaves feeling their needs were met and entrusting their loved one to the care of ANC with full faith and confidence in ANC; and the permanent commemoration is erected free of error and in a timely manner. We continue to optimize information technology to accomplish this objective. As an active cemetery, this objective most importantly focuses on the conduct of flawless interment operations and execution of the six-step chain of custody. Enterprise Interment Services System (EISS), ANC Explorer, ANC Mapper, and the ANC website are examples of information technology solutions utilized to deliver ANMC's mission. Efforts continue to optimize the auditable systems of record in the cloud, to provide optimization of computing power to improve network bandwidth, decrease system outages, improve cybersecurity monitoring, and reduce overall risk to network availability. The enhanced data availability and increased operational efficiencies benefit internal (ANC employees) and external (the public) users of the systems. Ongoing development and expansion of ANMC business systems further codifies and sustains the accountability processes to Army and DoD Post Cemeteries.

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

- Preserve these Hallowed Grounds. This objective ensures that ANC's grounds, memorials, and facilities continue to honor the veterans and their families who have served the Nation by providing a sense of beauty and peace. In 2018, we began capturing data for infrastructure maintenance work. This ongoing effort will assist in determining the annual cost of recurring maintenance and infrastructure. In 2014, ANC negotiated a programmatic agreement with the Advisory Council on Historic Preservation and the Virginia State Historic Preservation Officer under the National Historic Preservation Act of 1966 for the use, sustainment, and conservation of over 200 historic structures. Bi-annually we assess the condition of all historic structures and prepare environmentally sound treatment recommendations which determines upcoming restoration project priorities and guides routine preservation work. As a national shrine, ANC's impressive 689-acre landscape also requires consistent attention and improvements to maintain and enhance its designed and natural beauty and native environment. In April 2018, ANC was awarded Level III arboretum accreditation by the ArbNet Arboretum Accreditation Program and the Morton Arboretum for achievements in meeting specific standards for arboreta and botanic gardens; ANC continues to maintain this designation. Great care is taken by dedicated cemetery employees and contract staff working tirelessly throughout the year to ensure the grounds are maintained to the highest standards. In 2014 and 2018, ANC received stormwater permits authorizing ANC to discharge stormwater collected by their storm sewer systems to waters of the United States, specifically tributaries of the Chesapeake Bay. ANC has over thirty stormwater best management practices. These stormwater practices provide a beautiful and functional landscape for improving water quality of the Chesapeake Bay. At its end state, this objective ensures that ANC's physical setting is kept at national shrine standards, which enhances the experience for visitors and families coming to mourn for and honor our Nation's military heroes.
- Synchronize & Sustain Arlington National Cemetery for the Future. Our goal is to synchronize cemetery activities, which includes maximizing burial opportunities, allowing for more contiguous interment space via the Southern Expansion project and implementing the ANC Interment Management Plan that will prioritize land use, equipment locations, and optimize utilization of resources. Leveraging technology and industry innovations will allow ANC to adapt to new burial procedures and techniques, and changing family desires during their time of need, while sustaining the iconic nature of the cemetery, and extending operations, well into the future.
- <u>Infrastructure Modernization Projects</u>: ANMC continues to execute facilities sustainment, restoration, and modernization (FSRM) of its previously long-neglected infrastructure. With few exceptions, ANMC has completed work on failing systems and is now modernizing the remaining infrastructure in a systematic manner while implementing management systems to track, forecast and program for FSRM.
 - General Building Repair This project category is transitioning from urgent repair activities to preventive
 maintenance and FSRM. This includes addressing public accessibility shortfalls that are a significant concern given
 the high number of aging veterans and wounded warriors who visit ANC. In FY 2024, ANC plans an extensive repair

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

of the roof for the Military Women's Memorial (MWM) Education Center. Facilities still requiring upgrades include the main floor and basement of the Welcome Center.

- Road Rebuilding & Repair ANC has completed work on over half of the 13 miles of roadway identified in 2011 as requiring repair or rebuild. Road rebuilding continues at a deliberate pace throughout the cemetery to minimize impacts to burial operations. In FY 2023, we completed a large-scale roadway infrastructure improvement project called McPherson Rd. In FY 2025, ANMC will complete full-depth reconstruction of Sheridan Rd, the winding roadway network that is one of the Cemetery's oldest historic areas. This project will remove the drainage lines that run through the sections and under some of the interment areas. This includes the notoriously wet area in Section 37. ANC engineers are expecting that redirecting drainage from under the interment spaces to under the roads, will help improve area drainage. Another drainage improvement project is the Red Springs Channel re-building project. This project is slated for award in FY 2024 and will reconstruct a concrete channel that is constantly flowing with water but is in severe disrepair and appears to be heavily leaking into sections 2, 9 and 37, further exacerbating drainage problems. In FY 2025, ANC will award the Yellow Line Road project. This project is also a full depth replacement project with drainage infrastructure improvement. Additionally, this project will construct a sidewalk along a major portion of Yellow Line Rd that is curvy and hilly. This will improve the safety of the road for pedestrians. ANC is working closely with NPS as some of the land needed for the sidewalk addition is on NPS property. Going forward, ANC has one major road project per year scheduled for the next three years. These road projects include replacement of stormwater systems and installation of stormwater best management practices to comply with regulatory requirements as well as adding conduits to support the future expansion of the cemetery Wi-Fi network, which supports burial operations, cemetery visitors, and public outreach.
- Historical Stonework/Masonry Repairs This project category addresses rebuilding the crumbling flagstone sidewalks, paved plazas, and the historic stone boundary walls throughout ANC. Areas posing safety hazards for visiting families and the public have already been addressed in the columbarium courts, amphitheaters, and JFK gravesite. Large sections of the ANC boundary wall were assessed in very poor condition including two areas in Section 50 that completely failed in May 2020 and multiple other sections with separating rocks and broken capstones. Those failed sections were permanently repaired under a restoration project in FY 2021. A larger, multiyear restoration project for the 5-mile boundary wall began in late FY 2021, with one phase to be completed every year including in FY 2023 with additional phases of the boundary wall to continue for the next three years. ANC started phased restoration projects for the SAHNC boundary wall and fence which are slated for completion by the end of FY 2025. ANC completed restoration of the SAHNC entrance gate and plaza in October 2023. A vehicle accident caused damages to a wing wall; ANC is planning a reconstruction project to restore the historical wing wall that support the newly restored gate in FY 2025. Finally, ANC plans on restoration of the Memorial Avenue Gate at the beginning of FY 2025 with completion by 4th quarter of FY 2026.

Military Construction, Veterans Affairs, and Related Agencies Cemeterial Expenses, Army (\$ in Thousands)

- Sustainment of Infrastructure ANC implemented a new system to schedule and track repair requests and provide condition assessments. We also continue our partnership with the NPS to document the condition of our historic structures and develop a prioritized list of future restorative work. Focus areas of preventative maintenance includes restoring, cleaning, and maintaining the numerous monuments and memorials throughout the Cemetery that contribute to its listing on the National Historic Register of Historic Places. Extensive work on Memorial Avenue was completed to include the restoration of the historic hedge, turf renovation, irrigation system installation, and initial fountain repair. Through an agreement with the NPS Historic Preservation Training Center (HPTC), ANMC provides funding for Conservation Traditional Trades Apprentice Program (TTAP). Interns support documentation and inventory of ANMC assets as well as provide hands-on conservation of metal and masonry monuments, memorials, sculptures, and historic structures' features.
- Underground Utilities & Drainage ANC continues to modernize the entire stormwater network and the most deteriorated sections of the storm drain lines. Storm drains are now being repaired or modernized in conjunction with road projects to accomplish construction/economic efficiencies as well as reduce operational impacts to the cemetery. ANC is improving stormwater and groundwater drainage in several burial sections due to excessive moisture buildup which is impacting visitation and burial operations. The drainage improvement projects are incorporated in the road project by re-routing the storm drains from interment sections to under the road. ANC will execute a major sanitary sewer infrastructure replacement project in early FY 2024, to clean and/or replace aging sections of buried pipe with construction to continue through the end of FY 2025.