



# **Current and Future State of Army National Military Cemeteries**

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UNCLASSIFIED



# Arlington is...





## Roles and Responsibilities

HQDA principal official staff role
- Responsibilities defined in
GO 2017-01

**ANMC Staff** 

#### ANMC Responsibilities:

- Cemetery policy proponent
- CRO training / certification
  - Establishing gravesite accountability
- Assessing/inspecting Army cemeteries





- Two roles / responsibilities
- Two organizations / TDAs
- Separate funding
- Reports directly to the Sec Army

Responsibilities for directing Army National Cemeteries defined in Title 10 U.S. Code

Arlington National Cemetery

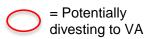


Soldiers and Airmen's Home National Cemetery





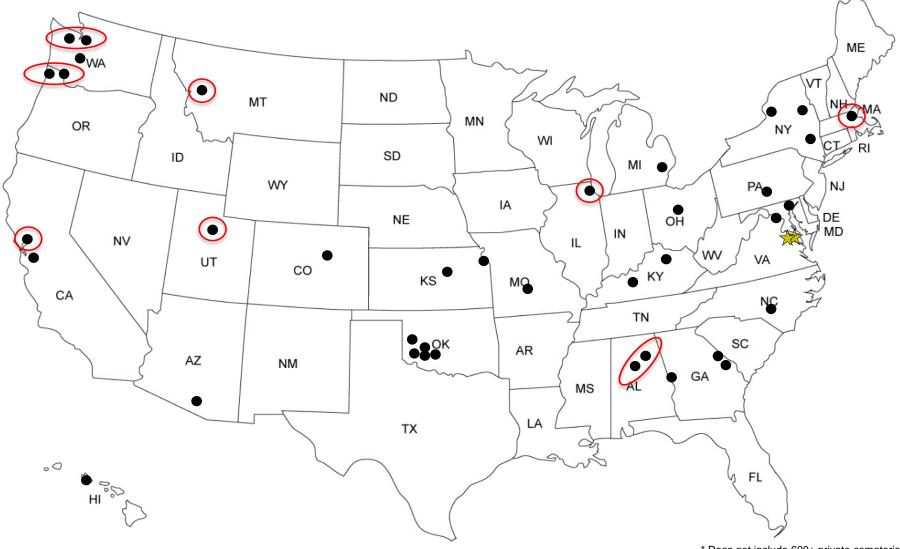
## **Army Cemetery Locations**



Fort Worden, WA
Fort Lawton, WA
Vancouver Barracks, WA
Fort Stevens, OR
Benicia, CA
Fort Douglas, UT
Fort Missoula, MT
Fort Sheridan, IL
Fort McClellan, AL

- Post Cemetery

- POW Cemetery Fort Devens, MA





# Other Army Cemeteries

#### **Special Projects**

Native American children repatriation from Indian Industrial School, Carlisle Barracks

Native American repatriation to Presidio of Monterey





**Mission**: On behalf of the American people, lay to rest those who have served our nation with dignity and honor, treating their families with respect and compassion; in addition, connect visitors to the rich tapestry of the cemeteries living history while maintaining the hallowed grounds in a manner befitting the sacrifice of all those who rest there in solemn repose.

**Primary focus**: Taking care of veterans and their families

#### Being perfect - every service, every day

#### **Readiness**

Our sacred mission Ready equipment, ready people Right resources, right time Sustainment, always









# Laying to rest with dignity and honor

- ☐ A Cemetery Our primary mission (*every day* is Memorial Day at ANC)
  - 160 services a week: Approximately 30/weekday, 10 on Saturdays
  - 7068 services conducted during FY17
  - Only 1 of 2 national cemeteries operated by the U.S. Army
  - 149 other national cemeteries
    - 135\* are operated by the VA
    - 14\*\* are managed by the Department of the Interior
- Eligibility & unique military honors
  - Different from VA cemeteries
  - In ground and columbarium
- Demand and scheduling
  - At least as many new requests each day as we have services
  - Military Honors most significant challenge (resources)
- Peace of Mind
  - Detailed/formal, verified chain with vigilant positive control
  - Structured transfer of custody









# Connecting visitors to a rich history

- ~ 4 Million visitors a year Open U Hosting miscellaneous events 365 days
  - **Security Enhancements**
  - Historic tours
- Two national events: Memorial Day and Veterans Day
- Hundreds of media events
  - International and national
  - Photographers and film crews
  - Responses to queries
- Distinguished visitor/public events
  - 33 Congressional engagements
  - Symbolic visit for many world leaders
  - 2600 Public wreath ceremonies
  - 700+ Honor Flight buses
  - 100+ DV wreath ceremonies

- - Wreaths Across America (WAA)
  - Organizational annual memorial services







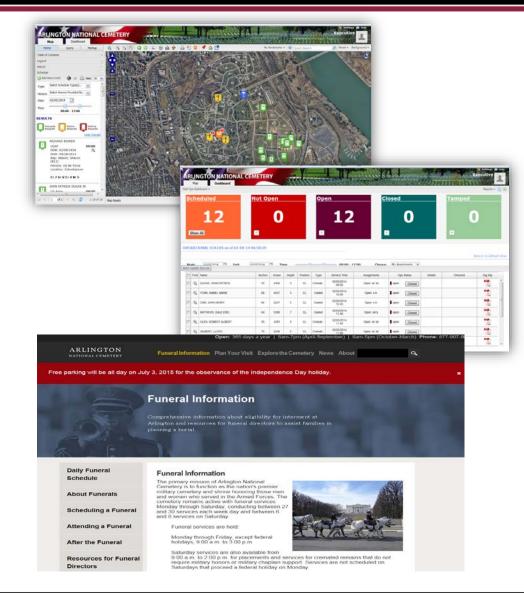
A continuous challenge to strike a balance: Funeral services (private) and a National Shrine (public)



# Geospatial cemetery management

#### **ANC Mapper System**

- ANC Mapper is a Geographic Information System (GIS):
  - Scheduling grave/niche locations
  - Deconflicting funeral routes
  - Tracking field operations status
  - Identifying: scheduled events
  - Executive dashboard
- Each headstone has been collected and new interments captured
- ANC Explorer 2.0
  - "App of the Year," by Federal Mobile Computing in Jan 2013
  - Listed in "GovLoop's Guide": 20 Innovations that Mattered in 2013
- Public website:
  - Essential information to families and funeral homes

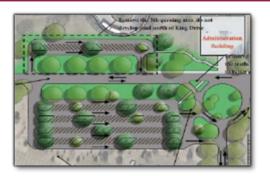




## Providing facilities that enable ANC's mission

Operational Capability

- Administration building renovation
- ☐ Funeral procession queuing area
- Tomb of Remembrance
- Salt, sand, soil storage facility







Infrastructure and Utility Upgrade

- Road repair
- Waterline replacement
- Storm water and sewer
- Electrical privatization
- Columbarium flagstone repair









Planning & Resource anagement

- Environmental compliance and cultural resource preservation
- Acquire and implement a service order system
- Acquire/implement an asset management system
- Update the ANC Master Plan







Improve the cemetery's operational capabilities, fix lingering infrastructure problems, and develop a plan to sustain it all



# **Engineering Update of Activities**

			#	Project	Activity
Upcoming Awards			1	1 Millennium	Tree stump in section 72 removed. Water meter vault and piping to JBMHH installed. Trench drain work started at
Project	Scope	Advertise			West side of CC11.
Admin Building Renovations	Renovate interior of this unique and historic structure that serves visitors attending funeral services	Jan 18	2	Funeral Queuing	South end Halsey closed 14-29 Oct, curb work. Irrigation reconnection and sodding underway.
			3	Ord & Weitzel Road	Scheduling/phasing meeting with Contractor 19 Oct
Amphitheater Interior Renovation	Address living and workspace issues in the lower level of the amphitheater	3nd	4	Storm Drain Phase 2	Sodding nearly done. Curb work on Grant Completed. Milling & Paving Grant night of 19 Oct
		QTR18	5	Fountain Repairs	Pre-construction meeting held, Contractor site visit complete, work will begin after Veterans day.
Ord & Weitzel Gate	Install newly restored historic gate including twin	Mar 18	6	Electrical Privatization	Electrical work complete. Stamped concrete work pending. Fences up around sodded area until sod takes & mowed.
Relocation	22 foot tall stone Columns		7	7 JFK Walkway Resurfacing	Continuing removal of caulking in preparation for treatment of stone.
Road Rebuild - Lee Drive  Sanitary Sewer Line Repairs/Reloc ation  Boundary Wall Repairs / Improvements (Design Work)	2nd QTR18	3nd QTR18 Feb 18	8	Tanner Amph Rehab	Construction fence & rehab starts after Veteran's Day.
			9	Irrigation Upgrade	Remaining Items: Taft turf , replacement of broken valve at grant and McCallen , Sir John Dill irrigation test
			10	Old Post Gate Preservation	Scaffolding up and fork lift onsite for removal of north pier cap.
			11	USS Maine Memorial Restoration	Rigging underway - to be complete by Friday. Mosaic floor cleaned. Pavers are out and plans on compacting the
			12	Amph Window and	ground underway.  Measurement for temporary windows. Will begin on 18 <sup>th</sup>
			14	Door Preservation	October 2017.
			13	Spoils Yard	Finalizing cost – Pending award
			14	CMB Vertical work	Reviewing contractor proposal stipulations.

Update of Engineering Activities for 18 – 24 Oct 2017 2 12 14 # Construction # Equip/Mat'l Site

Other

<sup>-</sup> Tomb of Remembrance – Stone cover replaced.

**Notes** - CMB Flagstone – Project Complete

<sup>-</sup> Sheridan Gate Restoration: Work on hold through winter

Water/Wastewater Privatization Site Visit 25 Oct

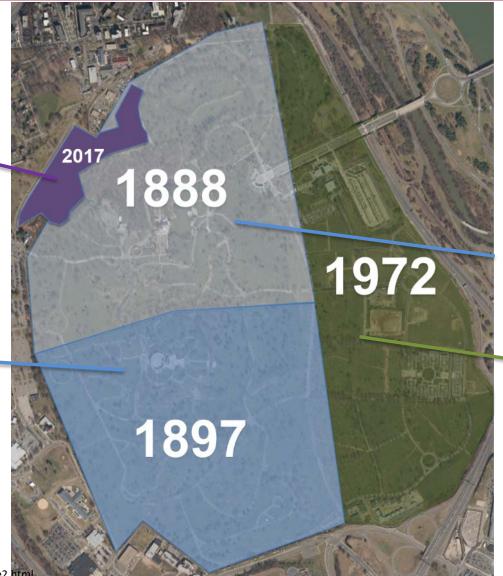
FY18/19 Time to Submit Projects and Service Contracts for Section 106 Review
 EPAS corrective actions—Training (EESOH-MIS) and Inspections (APHC)



# In the past...

Old ANC maintenance area and Fort Myer picnic area (Millennium)

Expansion to accommodate repatriation from Spanish-American War and World War 1 (also timeframe of Veterans of the War of the Rebellion reaching approximately 50 years of age – *life expectancy in 1900 was 46.3 years\**)



...just as rates of burials and
Honors have changed...
So has the geographic footprint
of the cemetery.

Original military cemetery area

Old South Post Fort Myer (timeframe of JFK death, eligibility restrictions, National Cemeteries Act, Vietnam War, Korean War Veterans reaching 20 YOS, WWI Veterans reaching their 70's in age)

\* University of California, http://u.demog.berkeley.edu/~andrew/1918/figure2.

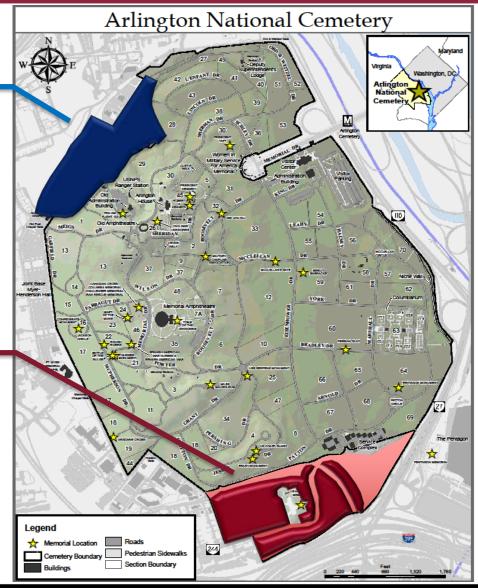


# Current Efforts Expanding Cemetery Capacity

- Millennium Project27 acres
  - Over 27K burial opportunities
  - Extends capacity to early 2040s
  - Complete in 2017
- Southern Expansion
  - 37-40 acres
  - Extends capacity to mid-2050s
  - In planning









## The future of America's cemetery

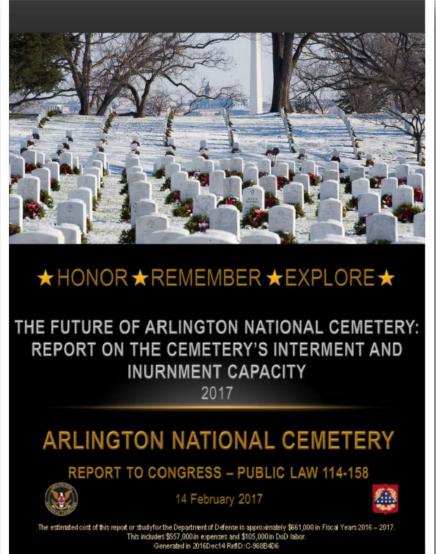
Capacity & available space

- Millennium
- Southern Expansion
- Geographically constrained location
- Other adjacent areas?

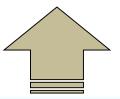
100% capacity in 25 years\*

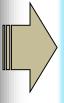
High demand and the eligible population (past, current, & future)





"...well into the future."





Feasible,
acceptable,
and suitable
options and/or
actions

\*new graves



## "A National Dialogue"

#### **Strategy**

To invite stakeholders to join the national dialogue; increase the public's awareness of ANC's needs continue to far outweigh capability and capacity; and maintain longterm, positive innovative communications

Solicit/collect public opinion regarding the future of ANC

Conduct targeted outreach events

Assist stakeholders with accurate information and queries to the website and call center

#### Stakeholders include:

- Active Duty, Veterans, spouses
- **Public**
- Congress/Advisory Committee
- VSO/MSO

Advisory Committee Roundtable held 7 June 2017



Survey available July 2017



17-22 August 2017



22-26 July 2017



September 19-24 2017 (tentative attendance)





VA Survivor's Forum July & Oct 2017



Quarterly meeting 7/8 November 2017

For more information on the report to Congress and FAQs visit:

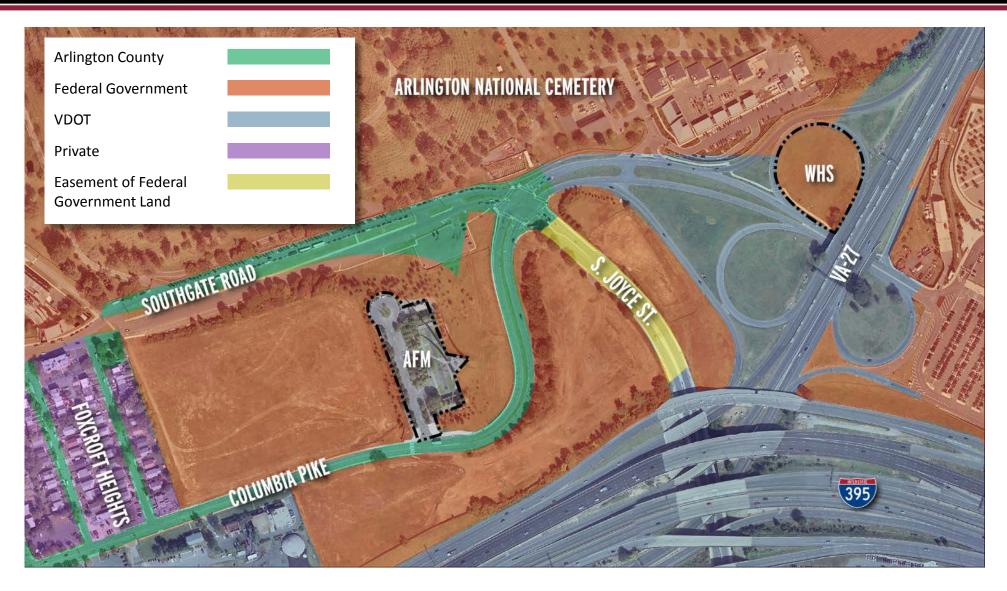
National dialogue begins at Arlington National Cemetery

http://www.arlingtoncemetery.mil/News/Post/4178/National-dialogue-begins-at-Arlington-National-Cemetery

ILITARY FAMILY

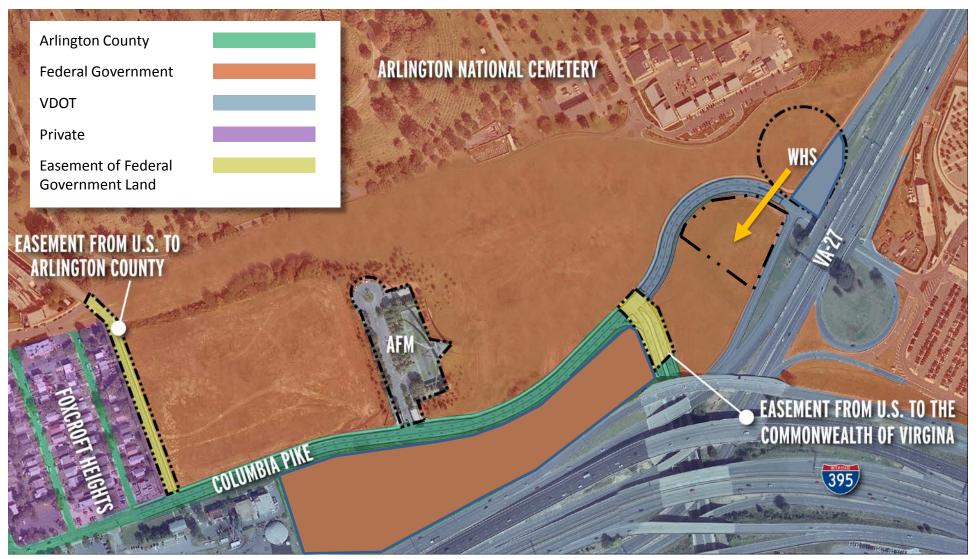


## Southern Expansion Project (Current State)





### Southern Expansion Project (Future State)



The information on this slide is draft and pre-decisional



#### Potential End State Features





### **Preliminary Design Concepts**

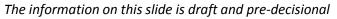
#### Planning Charrette

 Concepts ranged from dense use of columbaria or niche walls to open fields with niche walls on the outside

#### Criteria emerged:

- Public Access
- Operational throughput/circulation
- Views; connection to ANC; noise









### Design Charrette - Views, Grading and Character







Convex

Concave





5 x 10



## Conceptual Southern Expansion with AF Memorial





#### Interested in bidding work at ANC???



#### **Points of Contact**

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# Arlington is...







# Difficult decisions and unity of effort

...necessary to ensure that the maximum interment and inurnment capacity of the cemetery is not reached until well into the future...

























Adopt VA 24 month active duty service minimum

Retirees with certain lengths of service

KIA, active duty deaths, and qualifying awards

KIA, active duty deaths, and Medal of Honor only

KIA and Medal of Honor only

Change eligibility for in-ground burial only

Southern Expansion

Expand to adjacent government land

Establish new DoD-run national cemetery

Find new ways to use existing space

Preserve a certain number of in-ground plots for KIA/AD/MoH

Prohibit use of ANC space for monuments

Enhance VA honors to mirror ANC

Eligibilitycentric options or actions

Expansioncentric options or actions

Other \_options or actions