• Army Cemetery Divestiture to Veterans Affairs – National Cemetery Administration
• Cemetery Expansions
  – Millennium Expansion
  – Defense Access Roads
  – Southern Expansion
• Eligibility & Cemetery Capacity
• Current & Future Projects at ANC
• Interested in Bidding?
Army Cemetery Divestiture to Veterans Affairs - National Cemetery Administration

- Planned divestiture to VA
  - 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

* Does not include 600+ private cemeteries on Army property

As of: 2 Aug 2017
Contact: 703.614.7176
The future of America’s cemetery

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

Capacity & available space
- Millennium
- Southern Expansion
- Other adjacent areas?

100% capacity in 25 years

Feasible, acceptable, and suitable options and/or actions

A National Dialogue

Eligibility and Expansion

Arlington National Cemetery

- 27,782 burial opportunities
- Extends capacity to early 2040s
- 27 acres
- Complete 2018

- 40k - 60k burial opportunities
- Extends capacity to early 2050s
- 37 acres
- Under design

“…well into the future.”
Millennium Expansion - $80.2M
AE: Jacobs Engineering; GC: Forrester Construction

Boundary Wall Constructed of Reclaimed Materials

Pre-placed Concrete Grave Liners

Honor - Remember - Explore
• Remaining MILCON authority and project funding granted by 2019 NDAA and FY19 Appropriations bill
• Land acquisition coordination ongoing with Arlington County and VDOT
• NEPA process ongoing – public comment period
• Federal Highway Administration is federal executive agent - intends to solicit design contract this quarter
Southern Expansion

AE: HNTB

- Currently in 35% design phase
- FY2022 construction acquisition phase
OVERWHELMING CONSENSUS: 96%

Of the nearly 230,000 respondents want Arlington National Cemetery to remain an active cemetery well into the future.

Veterans 77% of respondents

89% agree that ANC should expand where possible, but limit eligibility when necessary.

76% agree that ANC should restrict eligibility populations to extend the future of active burials.

Service Members 17% of respondents

90% of respondents

Military Families 5% of respondents

87% of respondents

Unaffiliated 1% of respondents

87% of respondents

Veteran Population:

1.3M of the Korean conflict

6.4M of the Vietnam era

VA Cemeteries by the numbers:

136 national cemeteries

110 state, territory, and tribal cemeteries

95% of Veterans have access to a VA cemetery within 75 miles

Eligibility and Cemetery Capacity

Forecast of available ANC space by Veteran population and time

<table>
<thead>
<tr>
<th>Eligible Populations</th>
<th>1%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Actively serving (Compo 1, 2, 3)</td>
<td>~2,000,000*</td>
</tr>
<tr>
<td>Retirees</td>
<td>~2,000,000**</td>
</tr>
<tr>
<td>Traditional Veterans</td>
<td>~18,000,000***</td>
</tr>
<tr>
<td>Total</td>
<td>~22,000,000</td>
</tr>
</tbody>
</table>

Historically, ANC serves 1% of those eligible

Remaining Capacity

- Current available: 101,751
- Incl. Southern Expansion (SE): 161,751 (approx.)

KIA / Active duty

Qualifying awards

150 years – or well into the future

Closed for 1st burials in approx. 23 years

Graves/Mile Usage

POC: Way, Shannon, MAJ.
USA; Data as of 15SEP2019

*DMDC data, 30JUN2018
**DOD Actuary data, FY17, July 2018
*** VA Actuary data, VETPOP 2016 edition
Improve the cemetery’s operational capabilities, fix lingering infrastructure problems, and develop a plan to sustain it all.

**As of 09 APR 2018**

**Operational Capability**
- Admin building renovation

**Infrastructure and Utility Upgrade**
- Road repair
- Parking lot repair
- Columbarium repair
- Sewer
- Stormwater
- Utility privatization
- Water system modeling

**Planning & Resource Mgmt**
- Cultural resource preservation
- Environmental Compliance
- Update master plan
- Implement asset mgmt & service order systems

**Add’l Current/Upcoming**
- Salt, sand, soil storage facility
- Tomb of Remembrance
- Funeral queuing

**Facilities Overview**

**Before**
- Admin building renovation
- Road repair

**After**
- Cultural resource preservation
- Environmental Compliance
- Post 2010, emphasis to repair neglected infrastructure
- System-wide condition assessment of stormwater system identified critical needs
- Phased projects
- Incorporated into road projects
- Where possible, relocate utilities out of burial sections
• Ord & Weitzel roads rebuild project incorporated a significant stormwater management effort
• Extensive road projects trigger VA stormwater management regulations for land disturbing activities
• Required a reduction in quantity of contaminants (sediment) and water quantity at the outflow
• Solution are two large, buried manufactured treatment device just before the outfall

• Ord & Weitzel construction is ongoing
  – AE: Parsons Brinkerhoff; GC: Four Tribes
  – $14.6M

“Banking” Stormwater Management Credit

 Ord and Weitzel Roads Rebuilt Project

O&W Stormwater system
• Future road rebuild projects (shown in the non-red colors) are in tightly confined space with no room to add stormwater management facilities (SWMFs)

• Working with VDEQ, determined the quantity and quality reductions these projects would trigger and designed those into the SWMF in the Ord & Weitzel roads project
Two phased system

- Hydraulic chamber to reduce velocities
- Long setting filters to reduce pollutants and provide capacity to reduce
RFK Fountain - $3.44M CWE
AE: Pond; GC: Banneker Ventures

Constructed in 1971
Roosevelt Fountain - $3.44M CWE
AE: Pond; GC: Banneker Ventures

Constructed in 1931
Tanner Amphitheater Restoration - $1.55M
NPS Historic Preservation Training Center

Constructed in 1873
Partial List of Upcoming Work at ANC

- Administration Building Renovation – DEC 2018 Award
- Amphitheater Exterior Rehab/Cleaning – FY19 Construction Acquisition
- Sanitary Sewer Line Repair – FY19 Construction Acquisition
- Ord & Weitzel Gate Installation – FY19 Construction Acquisition
- McPherson Area Road Repair – FY20 Construction Acquisition
- Sheridan Area Road Repair – FY21 Construction Acquisition
- Boundary Wall Repairs – FY21 Construction Acquisition
Interested in bidding work at ANC?

Points of Contact

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