

ARLINGTON National Cemetery

HONOR ★ REMEMBER ★ EXPLORE



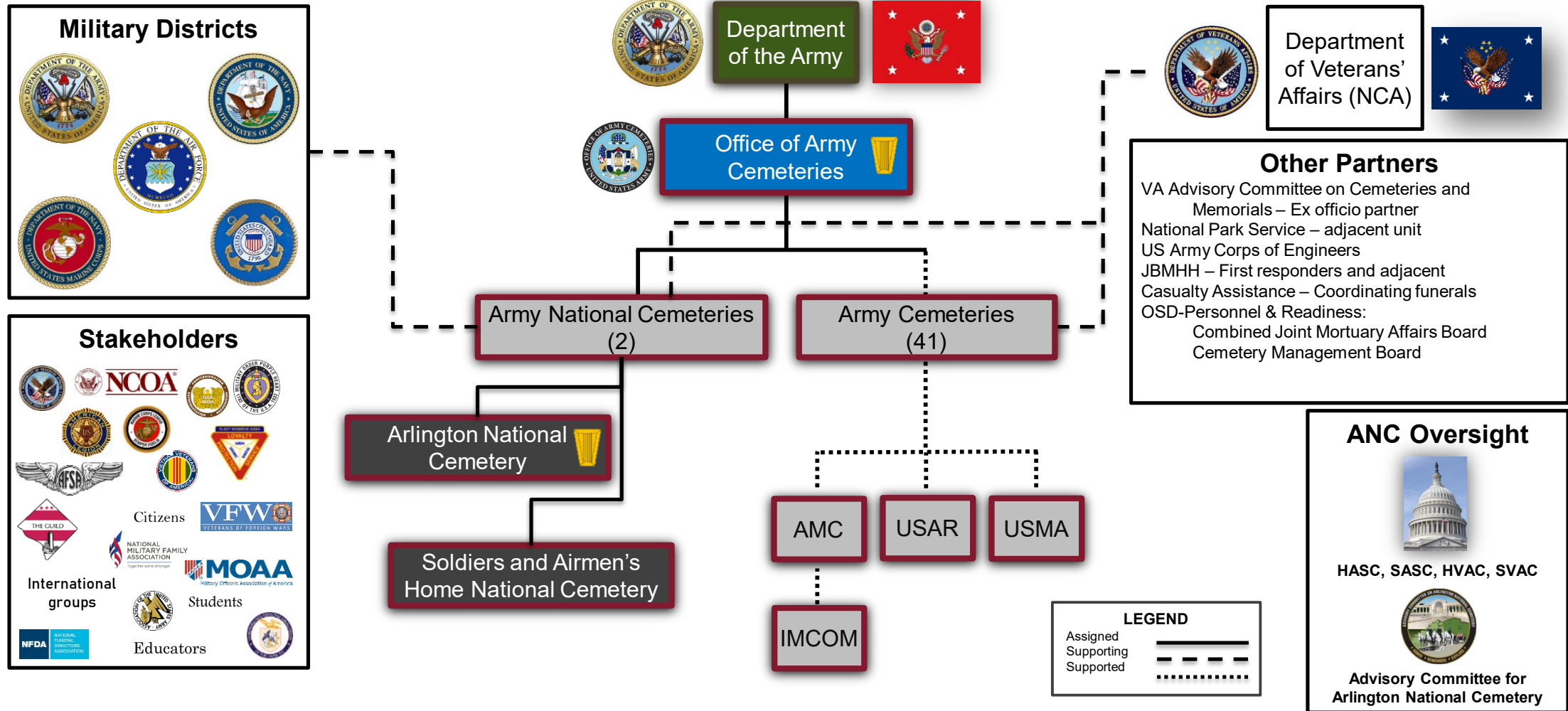
Arlington National Cemetery

Karen Durham-Aguilera, P.E., SES
Executive Director

COL Thomas Austin, P.E., PMP
Director of Engineering

6 February 2020

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- ANC remains an active cemetery with 24-30 burials each day as well as over 3 million visitors annually, 4300+ wreath ceremonies, and hundreds of public events each year
- Ongoing construction to repair and improve infrastructure (cemetery established 1864)
- Coordinate construction with funeral & ceremonial schedule, and tram tours





❑ 639 acres – and growing

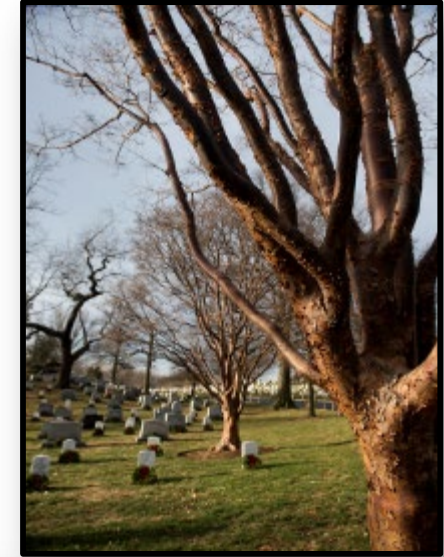
- National Shrine standards
- Horticulture and landscaping
- Sustainable practices

❑ Cultural resources

- National Register
- Monuments
- Historic origins of the property
- Teamed with the Virginia State Historic Preservation Office
- Partner with National Park Service

❑ Memorial Arboretum - Accredited Level III Arboretum

- More than 8,600 native and exotic trees
- 300 tree varieties
- Three Virginia State Champion trees
 - Two State Co-champion trees



Operational Capability

Salt, sand, soil storage facility



Tomb of Remembrance



Funeral queuing



Current/Upcoming

- Admin Building renovation
- Pershing and McPherson Roads

Infrastructure and Utility Upgrade

Road repair



Before

After

Parking lot repair

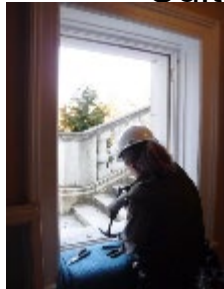


Columbarium repair



- Sewer
- Stormwater
- Utility privatization
- Water system modeling

Cultural resource preservation



Memorial Amphitheater



Tanner Amphitheater



Mast of the Maine

Environmental compliance



Bio retention basins

- Update master plan
- Implement asset mgmt & service order systems

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



Boundary Wall Constructed of Reclaimed Materials



Pre-placed Concrete Grave Liners





Jessup Drive Prep Work



Section 47 Storm Drain Work Completed



Grant Drive Structures and Pipe



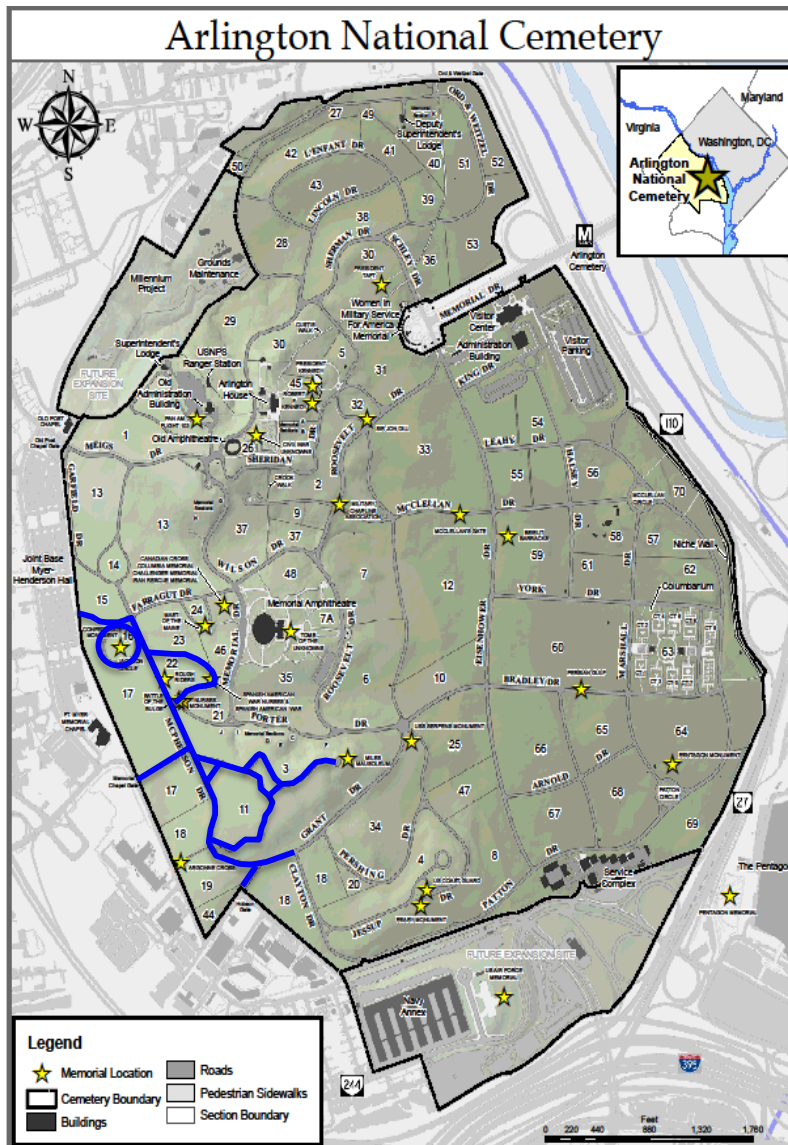
New Entrance Ramp
(Dec 19)



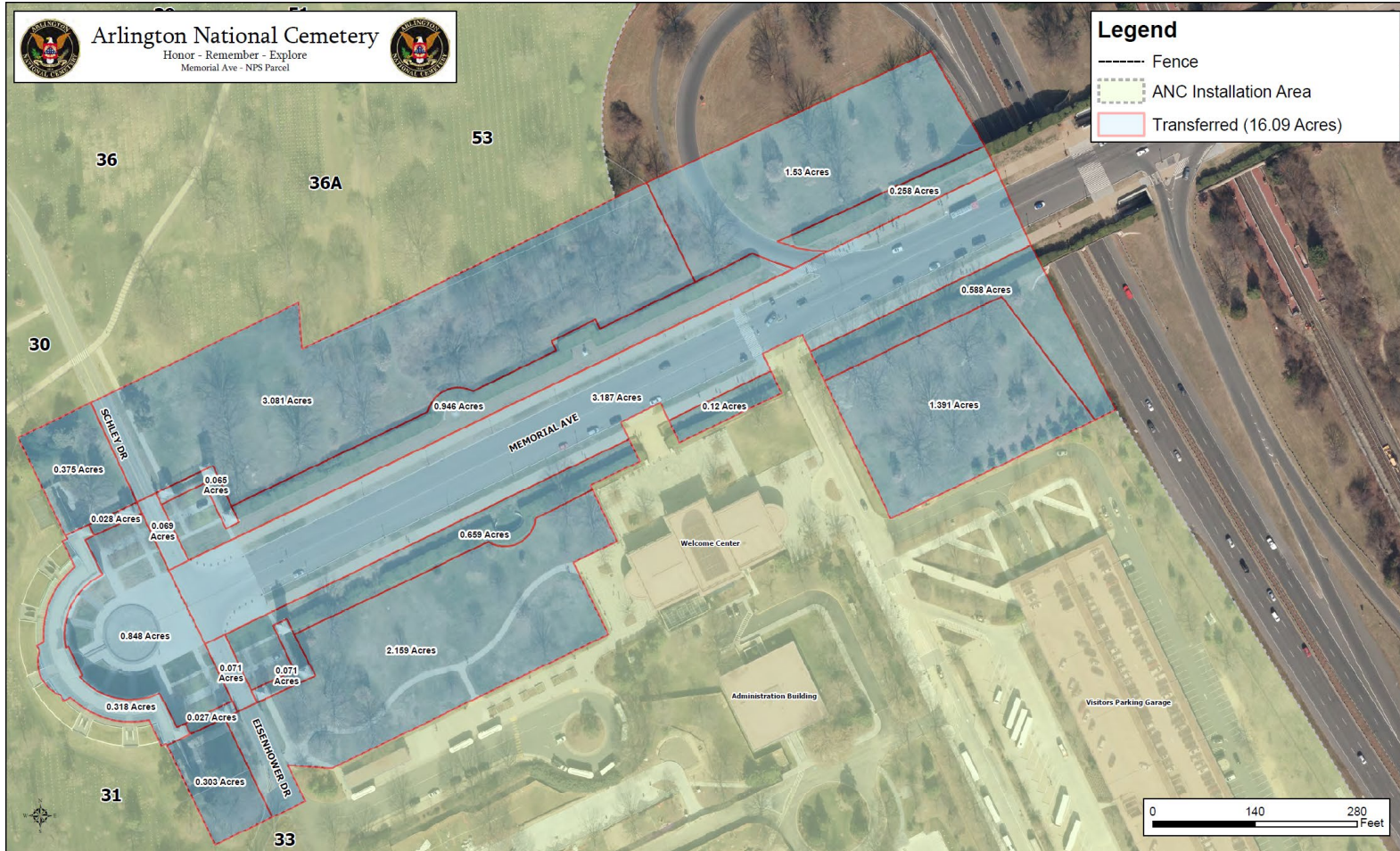
Interior Work







- Full depth roadway repair
- Rebuilds existing roads, curbs & gutters, sub-grade, inlets and drain pipes
- Installs conduit for future WiFi
- IFB with Definitive Responsibility Criteria
- \$10M to \$15M CWE
- Pre-Solicitation Notice on <https://beta.sam.gov> (search W9123620B0019)
- Advertise Feb / Mar 20



FY2020 NDAA

- 16.09 acres to Arlington National Cemetery
- 1.04 acres to National Park Service

Background

- Reduce Public Risk
- Improve Traffic Flow and Pedestrian Safety
- Improve O&M of Avenue
- Potential New Burial Space

Potential Future Projects

- Historic Pylon Repair
- Memorial Avenue Repaving
- Visitor Screening Center
- Vehicle Pedestrian Access / Parking Lot Realignment

Defense Access Roads & Southern Expansion



Defense Access Road (DAR)

Total required funding
\$60M

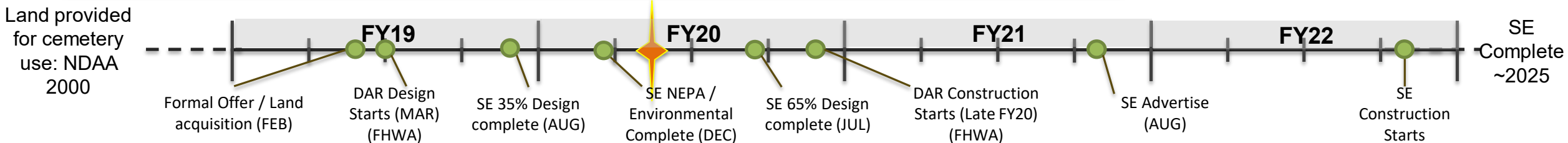
\$60M appropriated MILCON

Southern Expansion

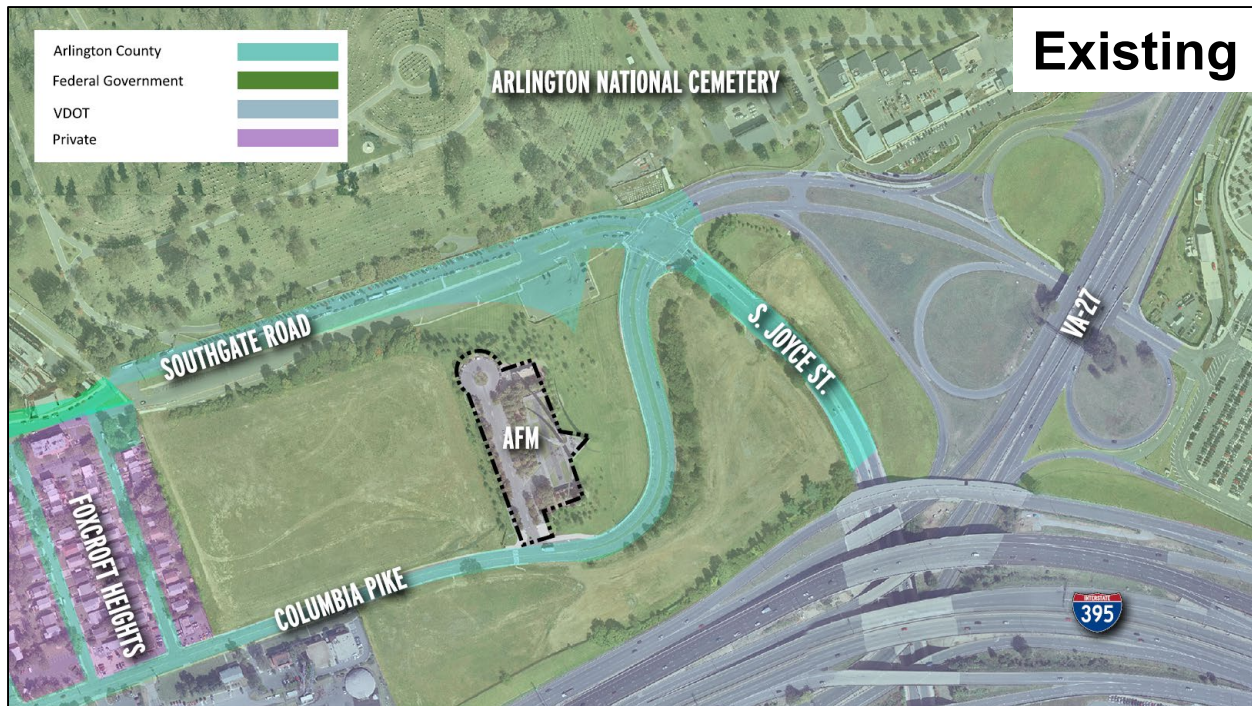
Total required funding
\$350M

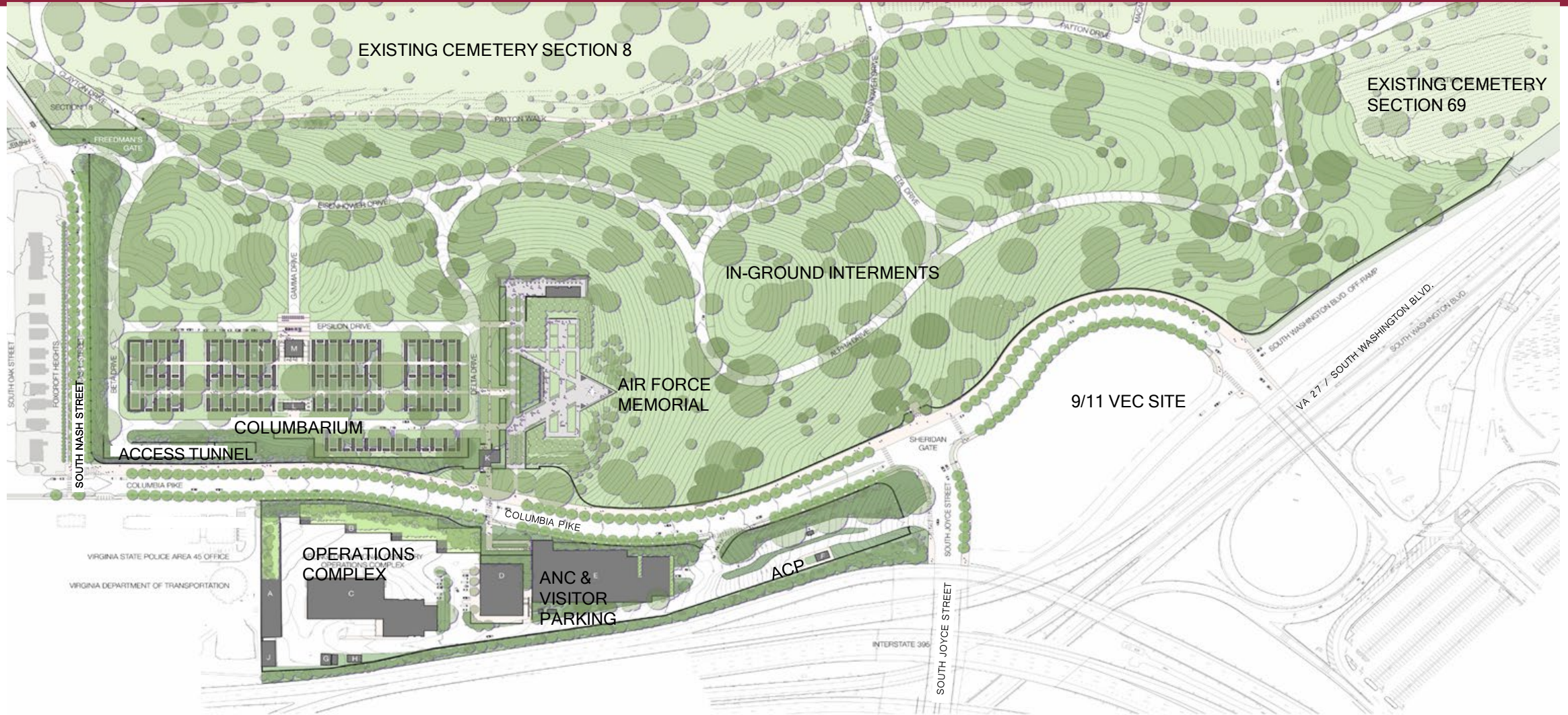
\$219M received to date

\$131M required in FY21



- Remaining MILCON authority and project funding granted by 2019 NDAA and FY19 Appropriations bill
- Land acquisition negotiations ongoing with Arlington County and VDOT
- NEPA completion scheduled for February 2020
- Federal Highway Administration is federal executive agent for design and construction





35% DESIGN PHASE | ILLUSTRATIVE PLAN





- McPherson Area Road Repair – Q2 FY20 Construction Acquisition
- Ord & Weitzel Gate Installation – Q1 FY21 Construction Acquisition
- Roads MATOC (Humphreys Drive) – Q1 FY21 Construction Acquisition
- Small Projects SATOC – FY21 Construction Acquisition
- Sheridan Area Road Repair – FY21 Construction Acquisition
- Boundary Wall Repairs – FY21 Construction Acquisition
- Memorial Avenue Repairs and Upgrades – FY21/FY22 Acquisition and Award

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

Capacity & available space

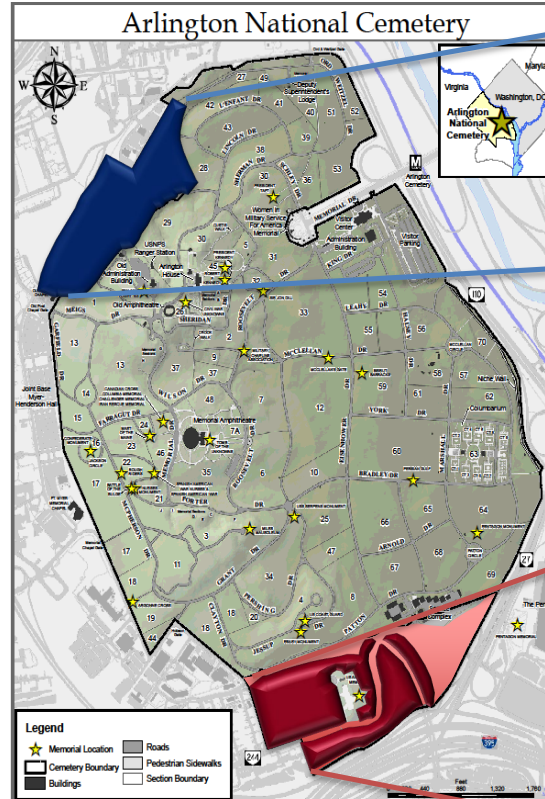
- Southern Expansion
- Other adjacent areas?

100% capacity in 25 years

Feasible, acceptable, and suitable options and/or actions

A National Dialogue

Eligibility and Expansion



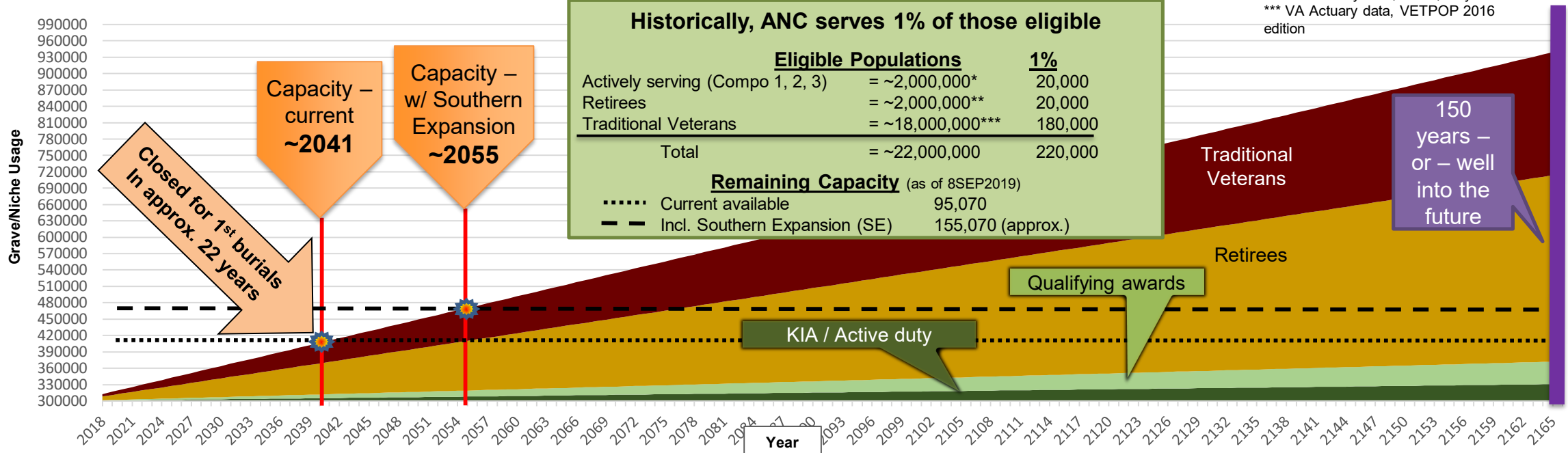
- 27,782 burial opportunities
- Extends capacity to early 2040s
- 27 acres
- Complete 2018



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

“...well into the future.”

Forecast of available ANC space by Veteran population and time



*DMDC data, 30JUN2018
 **DOD Actuary data, FY17, July 2018
 *** VA Actuary data, VETPOP 2016 edition

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VA Cemeteries by the numbers:

- 141** national cemeteries
- 115** state, territory, and tribal cemeteries
- 95%** of Veterans have access to a VA cemetery within **75** miles

Imperatives for eligibility criteria:

- Sacrifice
- Service
- Impact

** Preservation of 1,000 gravesites for current and future Medal of Honor recipients **

- Killed in Action, to include repatriated remains of service members
- Award recipients of the Silver Star and above who also served in combat
- Recipients of the Purple Heart
- Combat-related service deaths while conducting uniquely military activities
- Former Prisoners of War
- Presidents and Vice Presidents of the United States
- Veterans with combat service who also served out of uniform as a government official and made significant contributions to the nation's security at the highest levels of public service

- World War II-era veterans, to include legislated active duty designees
- Retirees from the armed forces who are eligible to receive retired pay but are not otherwise eligible for interment
- Veterans who have served a minimum of two years on active duty and who have served in combat
- Veterans without combat service who also served out of uniform as a government official and made significant contributions to the nation's security at the highest levels of public service

Next Step: Rulemaking, expect draft rule published for public comment, late Spring 2020



Points of Contact

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