



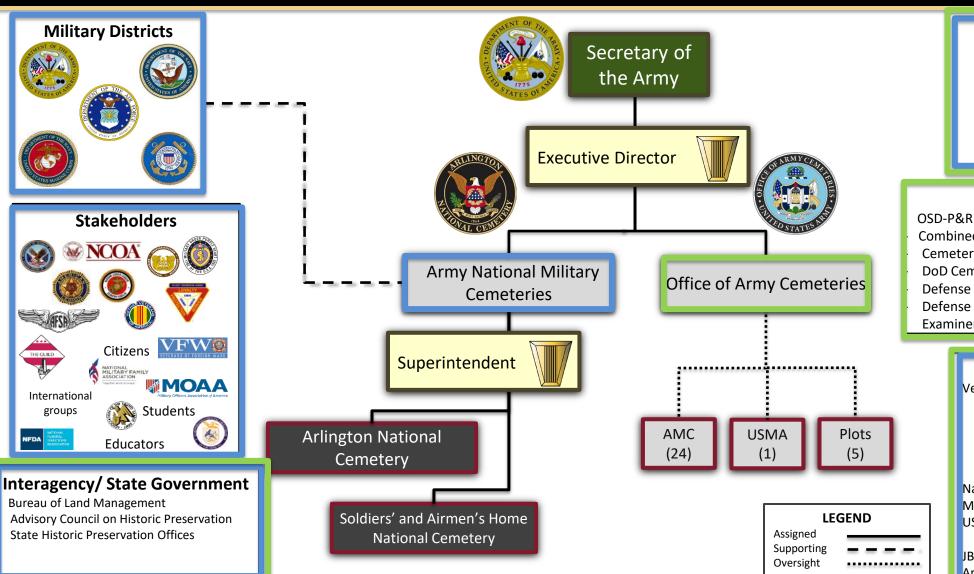
Karen Durham-Aguilera, P.E.
Executive Director
&
COL Andrew Wiker, P.E.
Director of Engineering

S.A.M.E. Brief August 7, 2025

#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

## ANC/OAC Relationships



#### **Oversight**

**SASC SVAC** SAC-M



**HASC** HVAC HAC-M

**Advisory Committee on Arlington National Cemetery** (ACANC)

#### Collaboration

**Combined Joint Mortuary Affairs Board** Cemetery Management Board

DoD Cemeteries (5 x USN, 5 x USAF, 1x USCG)

Defense POW/MIA Accounting Agency (DPAA)

Defense Health Agency/ Armed Forces Medical Examiner

#### **Partners**

Veteran's Affairs:



**National Cemetery** Administration **Advisory Committee** on Cemeteries and Memorials- (ACCM)

National Park Service Military Women's Memorial US Army Corps of Engineers – Norfolk District

JBMHH – First responders American Battle Monuments Commission



#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

### Vision, Mission, and Priorities

### Great people honoring service and sacrifice to a Grateful Nation

#### **Office of Army Cemeteries Mission**



As the Army's cemeterians, OAC provides oversight and expertise for all Army cemeteries through policy, program management, inspections, training, and assistance, honoring those laid to rest in perpetuity.

#### **Army National Military Cemeteries Mission**



Arlington National Cemetery represents the American people for past, present, and future generations by laying to rest those few who have served our nation with dignity and honor while immersing guests in the cemetery's living history.

### People



everything we do

### Modernization



Our cemeteries are a perpetual tribute to those at rest. We focus on **Modernization** to sustain and extend this tradition for future generations

#### Readiness



We deliver on our sacred mission by maintaining **Readiness** through the optimal management of our valuable resources



#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

### Connecting Visitors to a Rich History

Over 3M Visitors a Year Open 365 Days

National Observances:

- Memorial Day
- Veterans Day
- Wreaths Across America
- Historic Tours

Distinguished Visitor/
Public Events

Congressional Engagements

~200 Distinguished Visitor
 Wreath Ceremonies

~400 Honor Flight Buses

- ~3100 Wreath Laying Ceremonies
- Symbolic Visit for World Leaders



Phy Onli

Education and Interpretation Program

Webinars, Lectures, Blogs,
And Display Room Tours
Physical Interpretation Plan
Online Educational Modules
Tomb of the Unknown Centennial

Hundreds of Engagements with Congress and the Media

International, National, & Local
Photographers & Film Crews
Responses to Queries

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





### Maintaining These Hallowed Grounds



Memorial Arboretum Level III Accreditation ~ 300 tree varieties

639 acres and growing

Two National Champion trees Three State Champion trees ~ 9,800 native and exotic trees

#### Cultural Resources

**Preservation of Cultural** Resources including **Monuments and Memorials** Partners with: **National Parks Service** 

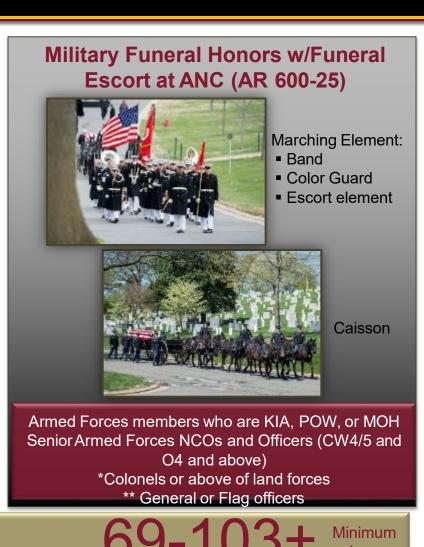
The VA State Historic **Preservation Office National Register** 

### ARLINGTON NATIONAL CEMETERY HONOR · REMEMBER · EXPLORE

# Funeral honors and Funeral escort at ANC







**-** | /

\* Caparisoned horse

\*\* Cannon salute

# service

members required:

### Caisson's Return





#### Return of the Caisson Support for Military Honors with Escort Funerals at Arlington National Cemetery

After a 2-year suspension, the U.S. Army announced on 08 April 2025, the limited reintegration of the caisson into funeral services at Arlington National Cemetery. The initial phase provides the use of the caisson as a conveyance for two funerals per day, up to 10 per week, beginning June 2. Caisson support will increase to four funerals per day, up to 20 per week, with increased herd and facilities, estimated Spring 2026.

#### **Eligibility for Caisson Support During the Initial Phase**

- Service members killed in action, regardless of rank;
- Recipients of the Medal of Honor or the Prisoner of War Medal (POW), regardless of rank;
- Senior noncommissioned officers (E-9);
- Senior warrant officers (CW-5);
- Senior commissioned officers (O-6 and above)

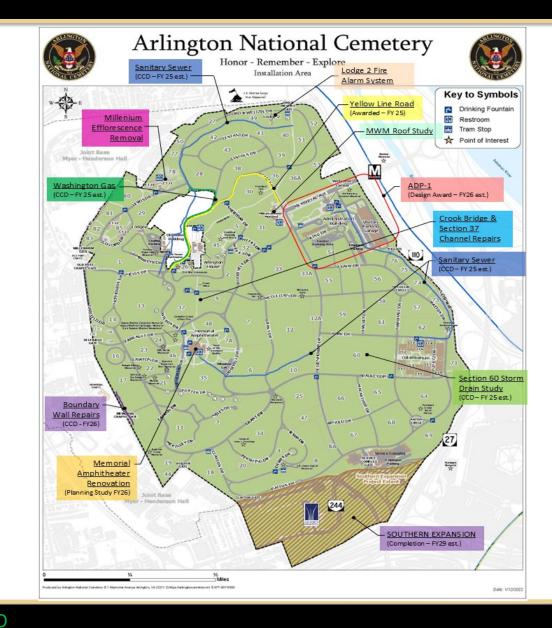
### ANC Projects

#### **Projects under Construction**

- Defense Access Road (DAR): Completion 2026
  - Federal Highways/Kokosing Construction
- Southern Expansion Phase II: Completion late 2026
  - Manhattan Construction
- Washington Gas Line: Completion est. AUG 2025
  - NPL Construction
- Sanitary Sewer Repairs: Completion est. SEP 2025
  - Metro Paving Corporation
- Boundary Wall Repairs: Completion est. JAN 2026
  - · Pinnacle Software Consulting, Inc.
- SAHNC Boundary Fence Repairs: Completion est. OCT 2025
  - Sustainable Facilities Management Services
- Yellow Line Project: Contract awarded in JUN 2025
  - Metro Paving Corporation
- Tram Emergency Repairs: Completion estimated in JUL 2025
  - Miami Construction

#### **Projects in Design**

- ADP-1 EA and Section 106 Consultations
  - Benham-Stanley
- Section 60 Storm Drain Study
- Crook Bridge & Section 37 Channel Repairs study
  - Prime AE
- Millennium Efflorescence Removal
  - Woolpert RS&H





#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

# Southern Expansion (SE) Program Overview



- Adds 80K(+) burial opportunities
- Air Force Memorial (AFM) is the centerpiece of Southern Expansion
- Pedestrian access to ANC/AFM via Columbia Pike
- Operations (Ops) Complex moves south of Columbia Pike
- Phased construction, risk-based total cost estimate

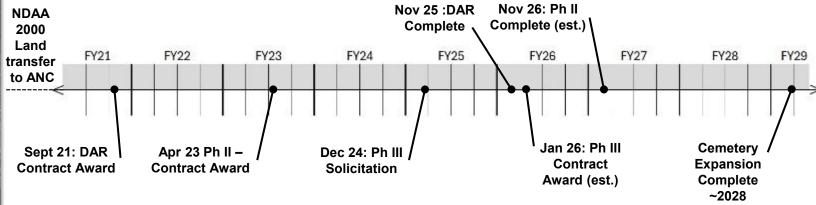
#### **Program Milestones**

Defense Access Roads / Ph I (Horizontal): Sep 2021 – Spring 2026

Ph II (Operations Complex): Apr 2023 – Nov 2026

Ph III (Cemetery Expansion: Jan 2026 – Dec 2028 (est.)







#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

# Southern Expansion (SE)











# Upcoming ANC Projects

#### **Projects in Acquisition**

- Southern Expansion Phase III: Award
  - Award estimated early FY 26
- Area Development Plan (ADP-1) Design:
  - Development of RFP for SATOC starting AUG 2025
- Memorial Amphitheater Feasibility Study
  - · RFP being prepared for Q1 FY26 award
- Millennium Guardrail
- Millennium Granite repair
  - RFP being prepared for FY25 award
- Lodge 2 Fire Alarm System
- SAHNC Lodge EA Study
- MWM Roof Study and Redesign
  - RFP being prepared for Q1 FY26 award

#### **Potential FY26 Projects**

- Horticulture Yard Fence and driveways
- New Service Center Move-in contract
- Crooks Bridge Repair and Section 37 Concrete Channel Repair Construction
- Grant/McClelland Drive road repair design
- Memorial Ave Gate restoration
- Columbarium utility recapitalization and fountain feasibility study
- Columbarium & Niche Wall Expansion

#### **Example of Small Projects**





#### **Example of Large Projects**





### Memorial Ave Land Development

#### Background:

2020 NDAA transferred western Memorial Ave and adjacent land from National Park Service (NPS) to Army

#### Issues:

- Crowding in the Welcome Center impacting visitor experience space
- Vehicle and pedestrian conflicts along Memorial Ave
- Vehicle and pedestrian conflicts along Eisenhower Ave

#### Feasibility and NEPA studies to:

- Potentially transform undeveloped space north of Memorial Ave and south of the Parking Garage into burial opportunities.
- Construct a separate visitor screening facility
- Construct a new Welcome Center
- Construct an alternate entrance to the parking garage to reduce vehicle/pedestrian conflicts
- > Improve aging Tram Circle area



Document Path: O:\CIOG6\GIS\1. Data\Vector\Internal Data Collection\MXD\Kevin\_Melson\Real\_Property\20190211\_ANC\_Installation\_NPS\_Property\_Memorial\_Ave\_11x17\_Transparent\_Acquisition.mxd

This product has been created with the highest degree of accuracy possible and is intended to serve as a reference. Errors and omissions may exist.

It shall be the sock responsibility of any contractor, architect, engineer, agency, etc. to verify the accuracy and/or completed of the location of all underground utilities shown on this drawing prior to any construction activity.

Coordinate System: NAD 1983 StatePlane Virginia North FIPS 4501 Feet
Date: 2/11/2019

## Area Development Plan (ADP1)



**EXISTING AERIAL** 

#### <u>ADP1 - Memorial Ave Entry Corridor Update</u>

- Draft EA & Section 106 completed March 2025 (ongoing consultations on Section 106)
- Contract Acquisition for Designer began July 2025
- EA will be completed end of 2025
- Award anticipated end of 2026

#### <u>ADP1 - Memorial Ave Entry Corridor Update</u>

- Contracts awarded for Traffic Study in 2023 and A-E Feasibility Study in 2024
- Traffic Study completed April 2024 (Leidos)
- Architecture & Engineering Firm (A-E) Field Visit April 2024 (Benham-Stanley)
- A-E Design Charrette Completed May 2024 (Benham-Stanley)
- A-E Feasibility Report & DOPAA completed September 2024(Benham-Stanley)
- CFA approves amendment to master plan for ADP 1 (November 2024)
- NCPC approves amendment to master plan for ADP 1 (March 2025)



POTENTIAL RENDERING



#### NATIONAL CEMETERY

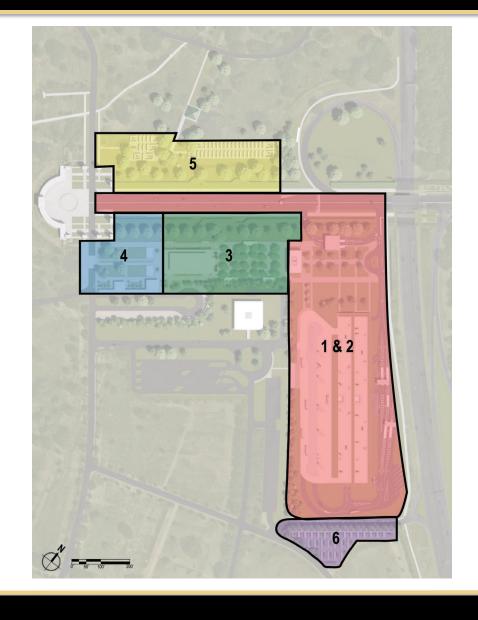
HONOR • REMEMBER • EXPLORE

# Layout of plan & Zone Map



#### LEGEND:

- MICRO-MOBILITY HUB NEW ENTRANCE DRIVE
- NEW ENTH
   VOS
- FUNERAL LOOP/ BUS DROPOFF
- FUNERAL SCREENING
   RIDESHARE LOOP
- ARLINGTON MEMORIAL TRAIL
- VEHICLE SECURITY SCREENING
   TICKETING/EXIT BOOTH
- ARRIVALS PLAZA
   EXISTING CURB AND HEDGE ROW CUT
- AFTER HOURS EXIT TURNSTILE
   PEDESTRIAN SCREENING FACILITY
- 14. PARTERRE
- WELCOME CENTER
   RESTROOMS
- 17. TRAM TICKETING OFFICE
- TRAM SHELTER
   INTERPRETIVE GARDEN
- INTERPRETIVE GARDEN
   PEDESTRIAN CROSSWALK & SIGNAGE WALL
- 21. SIDEWALK TO MWM OBSERVATION DECK
  22. SIDEWALK TO PRESIDENT TAFT GRAVESITE
- COLUMBARIA (6,000)
   NICHE WALLS (1,500)
- EXISITING BIKE SHARE AREA
   EXISTING ARLINGTON MEMORIAL TRAIL
   PERIMETER FENCE
- 28. COLUMBARIA (3,500) 29. LANDSCAPE BUFFER
- 29. LANDSCAPE BUFFER 30. RESTROOMS
- NEW WELCOME CENTER CHILELR
   NEW ADMINISTRATION CHILLER
- 33. PEDESTRIAN & BICYCLE CROSSWALK
  34. UTILITY CORRIDOR
- 35. COMMITTAL SHELTER & SIDWALK FROM ORD & WEITZEL DR TO COLUMBARIA
- 36. SHIFTED INTERSECTION OF ROOSEVELT DR NEAR EISENHOWER DR
- 37. GRANITE PAVER LANE NARROWING AT POLICE VOS



# Zone 1

### Memorial Avenue Improvements



- New Entrance Road for ANC employees and funeral attendees entering the cemetery
- Granite paver crosswalk for pedestrian / bicycle wayfinding to Arrivals Plaza.
- 3. Replacing Mobile Guard Trailer with full screening capability in a covered area
- 4. Minimum of 2 lanes for drop off area for ride share with larger stacking capacity



- 5. Vehicle entrance moved to east (yellow square)
- 6. Preserve existing holly hedge gap (blue arrow). Till gap in holly hedge (orange arrow).

### Arrival/Parking/Pedestrian Screening

HONOR • REMEMBER • EXPLORE







- New vehicle and bus entrance to parking garage allows for a more logical flow for POVs since entrance and exit will be at same location
- 2. Full screening capability for all vehicles entering cemetery
- Screened vehicles access point into cemetery or exit as a reject lane.
- 4. New pedestrian screening facility for all modes of transportation separate from Welcome Center.
- 5. Rideshare drop-off. Pedestrian gathering area for large tour groups.
- 6. New Restrooms.
- 7. Existing parking garage structure to remain but modified for east entrance and additional bus capacity.
- 8. Accommodates Arlington County planned Arlington Memorial Trail.
- 9. Additional bus parking.

#### Welcome Center & Central Plaza



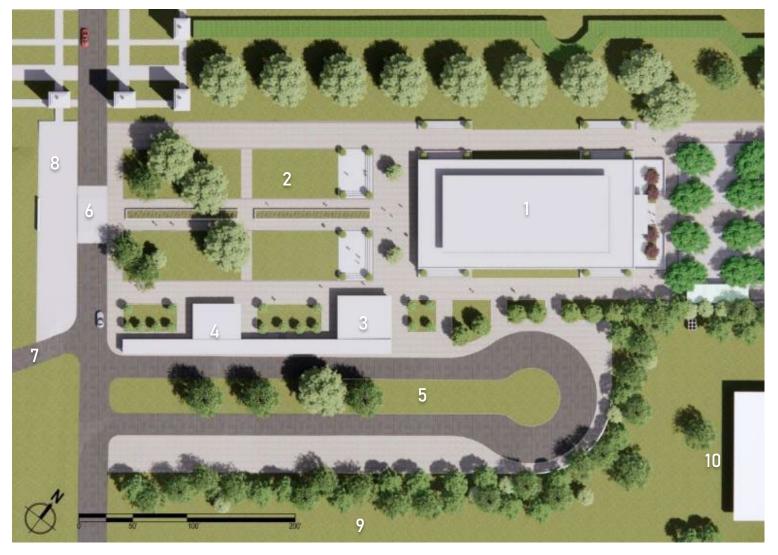
- Pedestrian Screening facility
- Central Plaza bosque, gathering area for groups. New layout allows large visitors to bypass the Welcome Center both upon entering and existing.
- The new Welcome Center, will not have large sky light, and will allow the display of more curated items
- 4. Landscaping buffer to Administration Building



#### NATIONAL CEMETERY

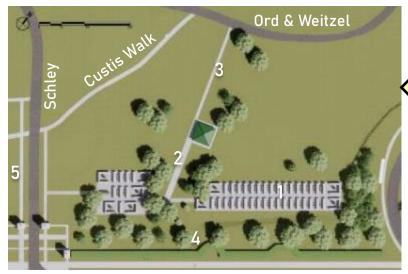
HONOR • REMEMBER • EXPLORE

# Zone 4 Area West of Welcome Center

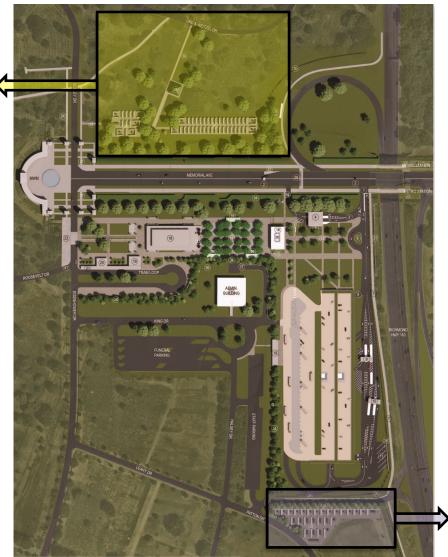


- 1. New Welcome Center
- 2. West Plaza, with interpretive exhibits.
- 3. Restrooms
- 4. Tram Operations moved out of crowded Welcome Center
- 5. Reconfigured tram loop
- 6. Raised crosswalk to slow traffic and on Eisenhower.
- 7. Roosevelt Dr.
- Wide walkway and wayfinding, creates more of a decision point for visitors turning left and right vice current signage and pavement marking
- 9. Landscaping buffer to funeral queuing lanes
- 10. Existing Administration Building

### Zone 5 & 6 North & South Flex Areas



- 1. ~10,000 niches potential.
- 2. Utility corridor
- 3. Committal Shelter
- 4. Preserve trees.
- Sidewalk on west side of Schley Dr. leading to Custis Walk and Taft gravesite.



- 1. ~5,500 niches potential
- 2. Relocate access road
- 3. Landscaping and retaining wall buffer to Parking Garage









## Thank You for Your Time

Karen Durham-Aguilera, P.E., Executive Director
Office (703) 614-0567
Karen.L.Durham-Aguilera.civ@army.mil

COL Andrew Wiker, P.E., Director of Engineering
(703) 614-0169 (office)

andrew.j.wiker.mil@army.mil



#### NATIONAL CEMETERY

HONOR • REMEMBER • EXPLORE

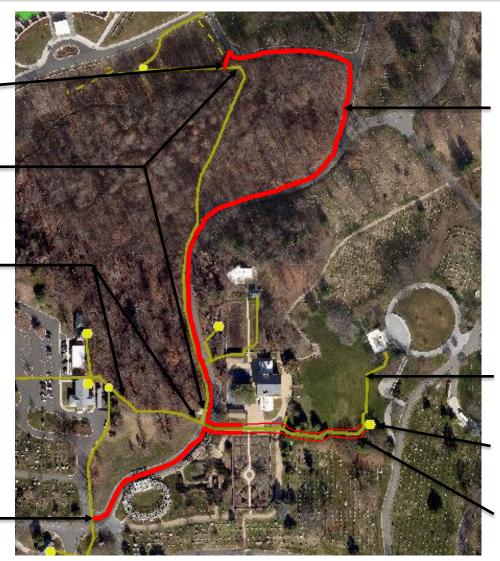
# Washington Gas Line

CONNECT NEW LINE TO EX.

ABANDON GAS LINE
IN WOODS AND
ALONG OUTSIDE OF
YELLOW LINE ROAD

ABANDON GAS LINE

CONNECT NEW LINE TO EX.



INSTALL NEW 2" GAS LINE UNDER ROAD





GAS LINE FROM SERVICE BLDG. TO JFK FLAME IS ANC'S

**SERVICE BLDG.** 

INSTALL (2) NEW 3/4" GAS LINES TO JFK SERVICE BLDG.

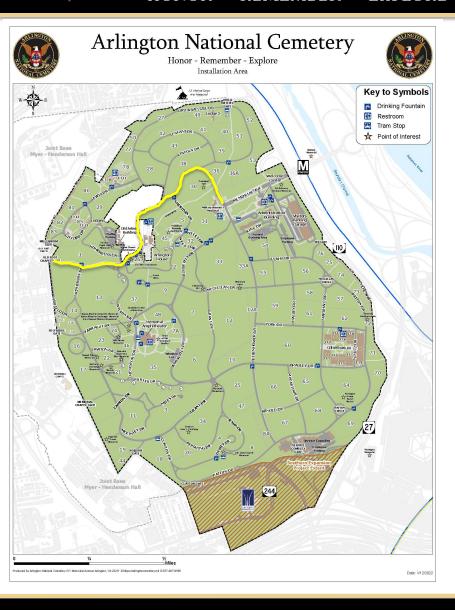




#### NATIONAL CEMETERY

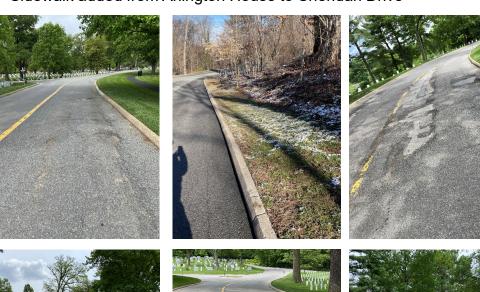
HONOR • REMEMBER • EXPLORE

Schley, Sherman, Meigs Roads (Yellow Line Road Project)



### Meigs, Sherman, Schley Roads (Yellow Line Road Project)

- Contract awarded 15 JUL 2025 (Metro Paving)
- Full Depth Road Reconstruction
- · Sidewalk added from Arlington House to Sheridan Drive









# efense access ROAD PROJECT CEMETERY EXPANSION EDUCATION CENTER ORCE MEMORIAL

\* Future 9/11 Visitor Education Center will be constructed by a 3rd party/non-profit

#### **Acronyms:**

CEA – Cemeterial Expenses Army funds CCD – Contract Completion Date MILCON – Military Construction funds

# Southern Expansion Project Phasing

#### Phase I / DAR (CCD: Nov 2025):

- <u>Defense Access Road</u>, (MILCON funded): creates the contiguous area to maximize burial opportunities by consolidating over 30 underground utilities, realigning Columbia Pike, shortening S. Joyce Street, and constructing S. Nash street.
- <u>South Parcel</u> (Turnover: Apr 2023, CEA funded): created efficiencies through the horizontal development of South Parcel
- <u>Service Tunnel</u> (Turnover: Apr 2025, CEA funded): tunnel beneath Columbia Pike providing access between operations complex and the cemetery

#### Phase II (CCD: Nov 2026, CEA Funded):

- Ph IIA. Operations Complex: constructs new Ops Complex (vehicle access point, parking garage, admin space, warehouses, maintenance bays, and equipment parking) in the South Parcel
- <u>Ph IIB. West Access:</u> constructs the access road between the South Parcel and the existing cemetery grounds.

#### Phase III (CCD: TBD, CEA Funded):

- Demolishes the existing Service Complex
- Expands the cemetery with 80K plus in and above ground burial opportunities
- Constructs Pedestrian Screening Facility
- · Reconstructs the historic Sheridan Gate
- Integrates the Air Force Memorial into ANC grounds