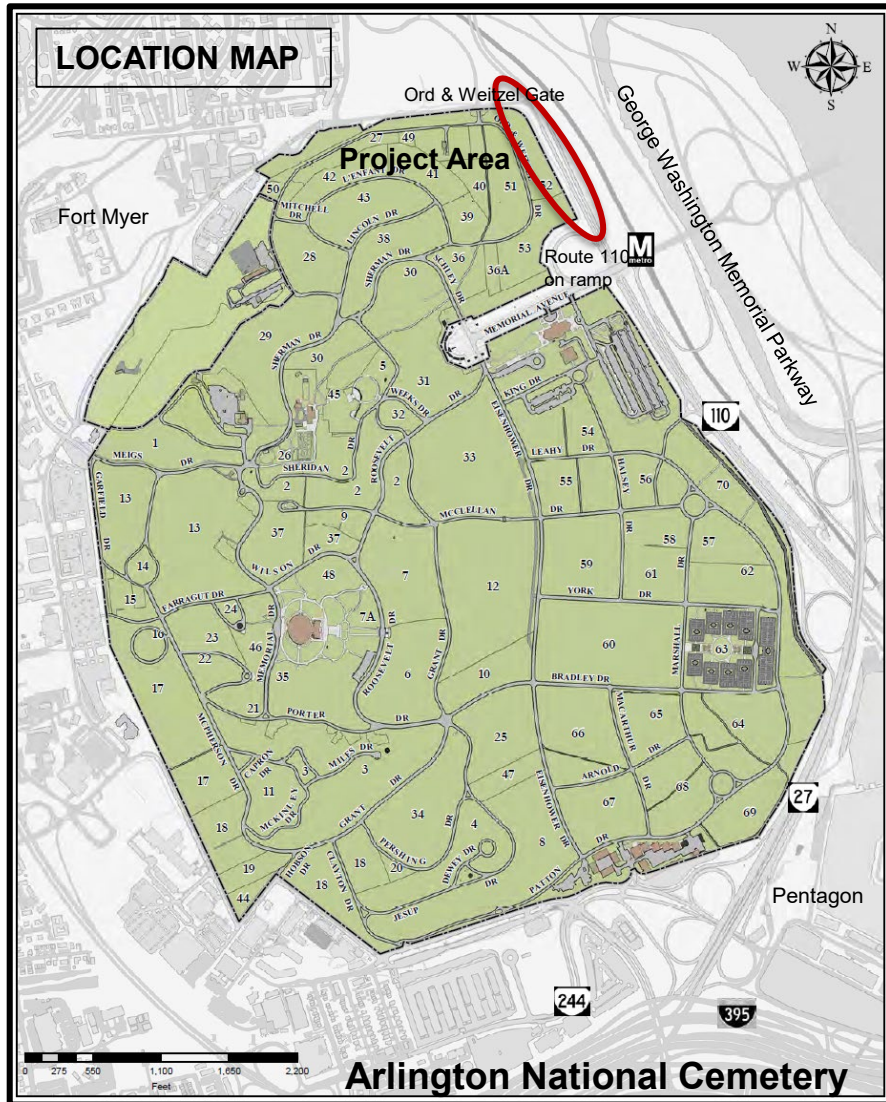


Arlington National Cemetery
Northeast Boundary Wall Security Modifications
along Route 110
Arlington, Virginia

PROJECT DESCRIPTION, AREA OF POTENTIAL EFFECTS, and
ASSESSMENT OF EFFECTS

December 21, 2021



PROJECT DESCRIPTION

Arlington National Cemetery (ANC) proposes installing 1,300 linear feet of four-foot high black-metal picket fence on top of the existing four-foot high stone boundary wall. The existing 1970s boundary wall (northeast boundary wall) to which we are adding the picket-fence starts at the Ord and Weitzel Gate and continues southeast to abut an existing metal security fence along the Route 110 entrance ramp from Memorial Avenue.

Installation of picket-fence posts requires drilling through the capstone and into the cement mortar core of the Seneca red sandstone wall. The 2 1/2-inch square fence posts will be placed 8-foot on center to a depth of 18 inches. We plan to anchor the post with hydraulic cement into the top of the wall. Each fence panel will be approximately three inches above the stonewall surface.

The new picket-fence will be constructed of the same materials and design as the existing security fence on the north and west sides of the cemetery between Joint Base Myer–Henderson Hall and ANC.

We propose this modification to the boundary wall to improve security. The boundary between Section 53 and the Route 110 on-ramp is secured with an existing eight-foot high black metal picket fence. The higher boundary enclosure in the northeast area of the cemetery will deter those attempting to enter the grounds by jumping the fence to avoid proper screening measures.



Area of Potential Effects:

The Area of Potential Effects (APE) for the proposed project is shown on the map to the left as a yellow oval. The APE includes locations where the project may be visible and/or audible. No ground disturbing activities are associated with the undertaking.

The project area is located in Arlington National Cemetery Historic District (Virginia Department of Historic Resources [VDHR] #000-0042).

Historic Properties Located Within the APE:

Following is a list of historic structures and features contributing to Arlington National Cemetery's and Arlington Ridge Park's historic district which are located within the APE.

- Arlington Ridge Park National Register District (DHR #000-9707)
- Sandstone Boundary Wall (DHR # 000-0042-0017)
- Lodge 2 (DHR # 000-0042-0002)
- Ord and Weitzel Drive (no DHR #)
- Headstones and Grave Markers (DHR #000-0042-0021)
- Custis Walk (no DHR #)
- Burial Sections 27, 36, 40, 51, 52, and 53

Satellite View of Project Area.

APE outlined in yellow.

Boundary Wall location in red.

DETERMINATION OF EFFECTS

I assessed the effects of the proposed project. Applying the criteria of adverse effects (36 C.F.R. § 800.5[a][1]), I determined the undertaking will have **no adverse effect** on the characteristics which qualify Arlington National Cemetery and Arlington Ridge Park historic districts for inclusion on the National Register of Historic Places.

ANC retains the historic views and vistas within the cemetery after construction of the proposed project. The historic location and elements within the districts are maintained. The historic boundary wall is retained. Headstones and circulation patterns remain unchanged. The cemetery continues to convey its historic significance as a military cemetery, and for its landscape architecture and architecture. There are no changes to the integrity of location, workmanship, feeling or associations of ANC's National Register district.

Arlington Ridge Park National Register of Historic Places district is north of the project area. A portion of the park is within the APE. The boundary wall with added picket-fence is visible from the southern portion of Arlington Ridge Park. The fence is more apparent during winter months when leaves fall from surrounding trees and other plant materials are not in bloom. However, this change has no effect on the character of the park.

The project may have an effect on unknown archeological sites; however, because no ground disturbing activities are planned, the likelihood of disturbing a site is low. Prior ground disturbance for construction of the boundary wall in 1970s, Route 110, and Marshall Drive preclude intact archaeological deposits. **No effects to archaeological resources** will result from the proposed undertaking. (Reference "Archaeological Potential & Past Ground Disturbance Map from Attachment D, Application of National Register of Historic Places Criteria".)

All work adheres to the Secretary of the Interior's Standards for the Treatment of Historic Properties. The project team selected materials and sited the fence elements in a manner to avoid and minimize effects. I find the design avoids and/or minimizes the direct, indirect, and cumulative effects to above- and below-ground historic properties and contributing elements in Arlington National Cemetery and Arlington Ridge Park National Register districts.

Rebecca L. Stevens, AIA
Cultural Resources Manager
Arlington National Cemetery

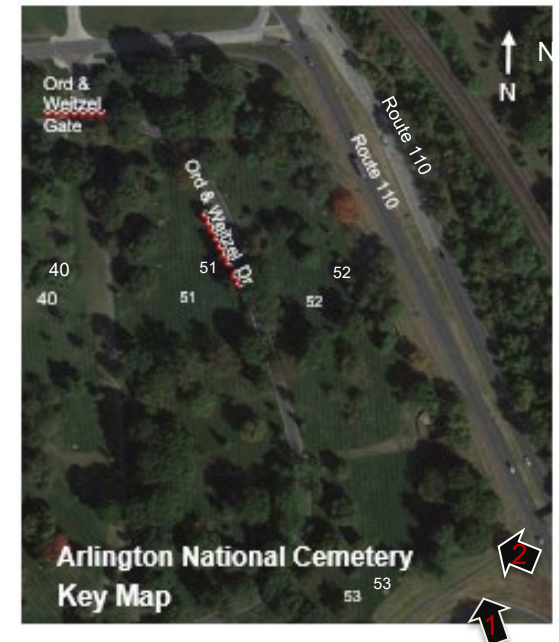
VIEWS OF NORTHEAST BOUNDARY WALL



1. View north to eight-foot high black-metal picket-fence along Route 110 on ramp.



2. Illustration of picket-fence on top of the red sandstone boundary wall. The masonry wall will maintain the same height as the eight-foot high fence located along the Route 110 on-ramp (image above.) A height of eight feet will be maintain throughout the entire length of the northeast boundary.





3. View south to four-foot high sandstone boundary wall along Route 110 towards on-ramp. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the wall / fence will be eight-foot high.



5. View northeast to four-foot high red sandstone boundary wall at the intersection of Route 110 and Marshall Drive. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.

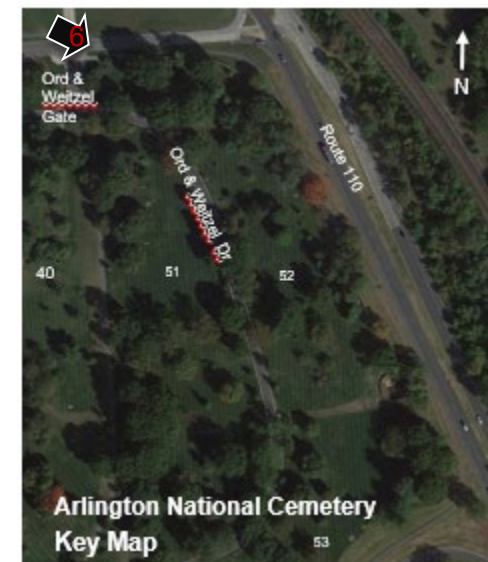


4. View north to four-foot high red sandstone boundary wall along Route 110. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.





6. View east and south to four-foot high red sandstone boundary wall at the intersection of Ord and Weitzel Gate and Marshall Drive. Four- foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.



VIEWS OF NORTHEAST BOUNDARY WALL



7. View east from cemetery Section 52 towards Route 110 to four-foot high red sandstone boundary wall. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.



9. View north and east to four-foot high red sandstone boundary wall from Section 52 towards Route 110. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.



8. View east and south from cemetery Section 52 out towards Route 110 to four-foot high red sandstone boundary wall. Four-foot high black-metal picket-fence proposed for installation along the boundary wall. Total height of the boundary wall / fence will be eight-foot high.



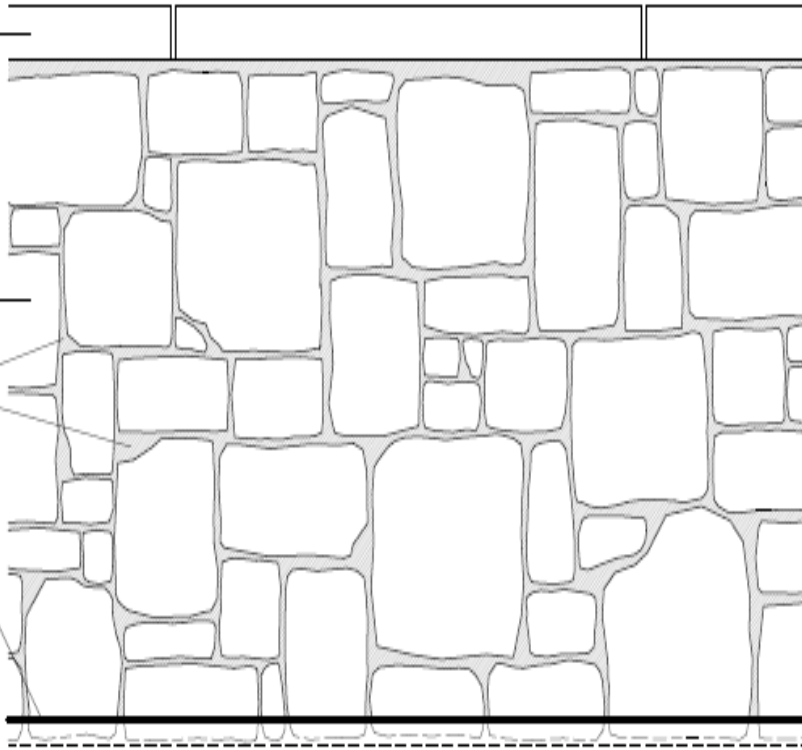
4" thick bluestone cap on
1" +/- mortar bedding at top of wall.
Adjacent bluestone caps align.
Joints (1/2") between capstones open
with lead coated copper
through-flashing at base.

Red Seneca sandstone Boundary Wall.
Un-coursed "random" layup.

Mortar finished with 3/8"
rope joint treatment.

Finished level of adjacent
grade varies.

Concrete footing with steel
reinforcement on compacted soil.



4" thick bluestone cap on
1" +/- mortar bedding at top of wall.
Adjacent bluestone caps align.

Red Seneca sandstone Boundary Wall.
Un-coursed "random" layup.

Mortar finished with 3/8"
rope joint treatment.

Finished level of adjacent
grade varies.

Concrete footing with steel
reinforcement on compacted soil.

