



## Sheridan Gate—Private

ARLINGTON NATIONAL CEMETERY, ARLINGTON, VA

Arlington National Cemetery was established in 1864 during the Civil War on the seized estate of Confederate General Robert E. Lee. Created to address the urgent need for burial space, the former plantation was transformed into a 639-acre national shrine overlooking the Potomac River, directly across from Washington, DC. Today, the cemetery is the final resting place for more than 400,000 service members and notable figures, including Presidents William Howard Taft and John F. Kennedy, and civil rights activist Medgar Evers.

EverGreene Architectural Arts was contracted by HNTB Corporation to perform assessment and design development for the stonework at Sheridan Gate. The objective of this program was to identify the composition and structural stability of the sandstone. Based on these findings, EverGreene collaborated with the architect and engineer to develop appropriate restoration and assembly methods, including providing comments and annotations on architectural drawings to confirm recommended treatments. The testing program included laser and chemical cleaning trials, wet chemical analysis of historic mortar to develop compatible replacement mixes, and structural evaluation of the stone, including compression testing of core samples.

MORE INFORMATION:

<https://evergreene.com/projects/sheridan-gate/>

### SERVICES PERFORMED

Laser Treatments  
Preconstruction Planning & Design  
Surveys & Condition Assessments

### PROJECT DETAILS

**Architect**  
HNTB Corporation

