

APPENDIX B: CUMULATIVE PROJECTS

The EA also considers cumulative impacts – defined as the impact on the environment which results from the incremental impact of the action when added to other past, present, and reasonably foreseeable future actions regardless of what agency (federal or nonfederal) or person undertakes such other actions (40 CFR 1508.7). Cumulative impacts are addressed in the EA by resource topic for both the action and no-action alternatives. To determine the potential cumulative impacts, past, current, and anticipated future projects within the project site and the surrounding area were identified. These cumulative projects are described in **Table 1**.

Table 1: Anticipated Cumulative Projects In and Around the Project Site

Past, Present, or Future	Cumulative Impact Project	Description
Past/Present/Future	National Mall Plan/Environmental Impact Statement (2010)	<p>The National Mall Plan presents a vision about the kinds of resource conditions, visitor experiences, and facilities that will best fulfill the purposes of the National Mall. The Plan proposes to rehabilitate and refurbish the National Mall so that very high levels of use can be perpetuated. The Plan includes the following elements:</p> <ul style="list-style-type: none"> ▪ The USPP Stables would be rebuilt to be compatible with the historic character and quality of the National Mall. The paddocks would be made part of the visitor experience, and educational exhibits about the USPP and horse patrols would be offered. A new stables parking area and vehicle access road from Independence Avenue would be constructed. ▪ The present Ash Woods road would become primarily a walkway with a second function as a service road. Seating and inconspicuous pedestrian lighting would be provided. ▪ The Ash Woods restroom facility would be replaced and relocated closer to the USPP Stables; and if warranted by higher visitation, a refreshment stand could be provided in the same area. ▪ All areas of the National Mall would be connected, and better transitions would be provided to adjacent areas. The pedestrian experience would be improved by upgrading walking surfaces, developing a coordinated palette of National Mall paving materials for a variety of uses, developing consistent and identifiable crosswalks, making pedestrian waiting areas at intersections larger, programming automatic and extended pedestrian crossing times into signal

Past, Present, or Future	Cumulative Impact Project	Description
		<p>phasing, and considering traffic-calming measures. Gravel would be eliminated as a paving material in some areas.</p> <ul style="list-style-type: none"> Specifically, pedestrian improvements (paved areas) would be implemented on Ash Road and between Independence Avenue and Ash Road. Crosswalks across Independence Avenue at West Basin Drive SW would be improved. Pedestrian links between the Korean War Veterans Memorial, the Lincoln Reflecting Pool, and Independence Avenue would also be improved. The health and appearance of the historic National Mall landscape would be improved. Areas used by visitors (e.g., trails) would be monitored for signs of vegetation disturbance. Public education, revegetation of disturbed areas, erosion control measures, and barriers would be used to control potential impacts on plants from trail erosion or social paths.
Past/Present/Future	Comprehensive Plan for the National Capital: Federal Elements (2016)	<p>The Federal Elements provide principles, goals, and planning policies for the growth and development of the national capital during the next 20 years and address matters related to federal properties and interests in the National Capital Region. Policies related to parks and open space state that the federal government should:</p> <ul style="list-style-type: none"> Protect and maintain both the north-south and east-west cross-axes of the National Mall and its historic landscape as a complete work of civic art. Preserve and maintain cultural landscapes, including their natural and constructed elements. Protect the character of parks and open space with significant cultural or natural resources that contribute to the National Capital Region's setting. Protect or restore viewsheds that contribute to cultural landscapes and the aesthetic quality, historic significance, and visitor experience of the parks and open space system. Reinforce Washington's design evolution, grounded in the L'Enfant and McMillan Plans, and the distinguishing characteristics of designed landscapes

Past, Present, or Future	Cumulative Impact Project	Description
		<p>when making adaptations to address contemporary needs and/or changes in use, access, and maintenance.</p> <ul style="list-style-type: none"> Plan circulation routes that accommodate visitors or passers-by, and meet accessibility requirements to connect the memorial and park space with the adjacent transportation network.
Future	Korean War Veterans Memorial Wall of Remembrance	The Korean War Veterans Memorial would add a Wall of Remembrance and other enhancements, which could potentially include landscaping and circulation changes, to the existing memorial.
Future	Washington, D.C. and Vicinity Flood Risk Management Project Improvements	The U.S. Army Corps of Engineers plan to raise the levee embankment at 23rd Street NW and Constitution Avenue NW and along the Lincoln Memorial Reflecting Pool. The project design would alter the topography of the grass panel at 23 rd Street NW and Constitution Avenue NW that is part of the Lincoln Memorial Grounds. Additional alterations would be made to the topography and landscape along Constitution Avenue NW.
Future	Potomac River Tunnel	<p>The proposed action involves construction of the Potomac River Tunnel and supporting infrastructure to provide control for seven CSO outfalls along the Potomac River. The proposed controls are estimated to reduce CSOs to the Potomac River by 93 percent by volume and limit their frequency to an estimated four times in a year of average rainfall. The project would include construction of diversion facilities to redirect CSOs from the existing combined sewer system into the proposed tunnel when the capacity of the existing sewer system is exceeded during storms. Once diverted to the tunnel, excess flows would be conveyed by gravity to DC Water's Blue Plains Advanced Wastewater Treatment Plant (Blue Plains) to be treated before being discharged to the Potomac River. Other supporting infrastructure, including a ventilation control facility, an emergency overflow structure, and drop, mining, and ventilation shafts would also be constructed.</p> <p>The Potomac River Tunnel and supporting infrastructure would be constructed within the National Mall and East and West Potomac Parks Historic Districts, resulting in potential impacts on those historic districts and the Lincoln Memorial and Washington Monument.</p>

Past, Present, or Future	Cumulative Impact Project	Description
		<p>Additionally, impacts could occur on the Lincoln Memorial Grounds cultural landscape. Construction activities and the addition of new permanent infrastructure above-ground could result in potential visual intrusions that may affect historic viewsheds or character-defining features of historic properties. New noncontributing elements may be added into historic districts and cultural landscapes and existing character-defining features of historic districts may be modified. Construction could disrupt visitor / community use and detract from the visitor experience by temporarily eliminating the ability for park visitors to use certain open space; requiring temporary closures or detours of roads, bicycle trails, and pedestrian trails and sidewalks; temporarily obstructing scenic or historic views; temporarily disrupting access to monuments, memorials, businesses, and other popular area attractions; and removing flowering cherry trees and other vegetation to accommodate construction activities. Once construction is complete, several permanent structures related to the operation of the tunnel would remain and could potentially result in the loss of open space or the occasional disruption from routine maintenance activities. Scenic or historic views may also be permanently altered.</p>