



SUMMARY OF ENVIRONMENTAL IMPACTS

CATEGORY	IMPACTS		
	NO-BUILD	BUILD ALTERNATIVE 2A	BUILD ALTERNATIVE 2B
Total Area (acres of proposed right of way acquisition)	0	273	272
Homes (number displaced)	0	15	11
Businesses, Schools, Churches, Community Facilities (partial acquisitions only, no displacements)	0	3	3
Section 4(f) Property (acres)	0	113.53	117.70
Historic Properties Within Area of Potential Effects	0	10	10
Stream Crossings	0	28	22
Length of Streams (linear feet within proposed right of way area)	0	2,216.9	2,259.44
Wetlands (acres within proposed right of way area)	0	4.02	4.15
Floodplains (acres within proposed right of way area)	0	4.77	1.24
Forest Area (acres within proposed right of way area)	0	74.47	55.23
Natural Heritage Resources (Conservation Sites and Stream Conservation Units)	0	3	1
Federally Listed Threatened or Endangered Species Identified by USFWS that may be Affected by the Proposed Project (Harperella [a plant] and dwarf wedgemussel)	0	2	2
Hazardous Material Sites	0	10	10
Naturally Occurring Asbestos (acres)	0	0.40	0.30
Agricultural and Forestal District Land Used (acres)	0	0	0
Prime and Unique Farmland (acres)	0	0	0
Violations of National Ambient Air Quality Standards	0	0	0
Noise Impacts *	500 residences, * Manassas National Battlefield Park, Bull Run Regional Park, Idylwood Park, one playground, three baseball fields, two outdoor picnic areas, 10 publicly owned trails, and one soccer field.	2,426 residences, * Manassas National Battlefield Park, Bull Run Regional Park, Idylwood Park, 15 playgrounds, six baseball fields, three outdoor picnic areas, one hotel pool, eight basketball courts, 13 publicly owned trails, four tennis courts, a public dog park, and one soccer field.	2,184 residences, * Manassas National Battlefield Park, Bull Run Regional Park, Idylwood Park, three hotel balconies, 11 playgrounds, four outdoor picnic areas, three pools, six basketball courts, 14 publicly owned trails, four tennis courts, a public dog park, and one soccer field.

•NOTES:

- If an existing noise barrier needs to be removed to make way for the construction of a build alternative, the analysis assumes no barrier at that location for the build alternative scenario. In contrast, for the No-build Alternative, all existing barriers are assumed to remain in place. This accounts for most of the large difference in the number of impacts between build and no-build conditions.
- However, VDOT's noise abatement policy requires that noise barriers displaced by construction be at least replaced in kind.
- Furthermore, it is VDOT's policy to implement noise abatement measures when they are determined to be warranted, feasible, and reasonable.
- Therefore, it is expected that many of the impacts indicated for the build alternatives can be mitigated. See the noise analysis technical report for details in specific areas along the corridor.