

Expected Effects of the Preferred Alternative

Environmental Factor	Effect/Impact
Environmental Justice	None
Land (acres)	1,825
Parcels (each)	858
Relocations (residential, business, non-profit)	217
Business Relocations	5
Bisected Neighborhoods	2 (Woodcreek and Deerfield Park)
Churches (land only impacts)	6
Historic Resources	None that would have adverse effects
Archaeological Resources	1 site with adverse effects
Section 4(f) Resources	2 parks, both de minimis impacts
Noise	818 receptors
Air Quality	None
Communication Towers	2
Private Recreation Areas	1
Streams (linear feet)	59,533
Streams (number of crossings)	140
Stream Buffer Zone 1 (acres)	87.0
Stream Buffer Zone 2 (acres)	58.1
Wetlands (acres)	69.5
Wetlands (number affected)	156
Riparian Wetlands (acres)	65.2
Non-Riparian Wetlands (acres)	4.3
Ponds (acres)	24.6
Ponds (number affected)	39
Floodway (acres)	15.4
100 Year Floodplain (acres)	61.2
500 Year Floodplain (acres)	76.2
Underhill Wetland Mitigation Site (acres)	0.5
Bald Eagle	None
Red-Cockaded Woodpecker	No Effect
Michaux's Sumac	May Affect, Not Likely to Adversely Affect
Rough-leaved Loosestrife	No Effect
Tar River Spiny mussel	No Effect
Cape Fear Shiner	May Affect, Not Likely to Adversely Affect
Dwarf Wedgemussel	May Affect, Likely to Adversely Affect
Yellow Lance	May Affect, Likely to Adversely Affect
Northern Long-Eared Bat	May Affect, Likely to Adversely Affect
Atlantic Sturgeon	May Affect, Not Likely to Adversely Affect
Potential Contamination Sites	4
Cost (billion dollars)	2.24