

Appendix N

Land Cover

Virginia Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
AA	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	0.60
AA	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	0.05
AA	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	1.38
AA	Developed Open Space	45.15
AA	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	8.48
AA	High Intensity Developed	12.90
AA	Low Intensity Developed	65.50
AA	Medium Intensity Developed	42.12
AA	Other - Herbaceous	2.29
AA	Pasture/Hay	10.01
AA	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	20.88
AA	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	2.92
AA	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	2.51
AA	Southern Piedmont Mesic Forest	3.55
AA	Southern Piedmont Small Floodplain and Riparian Forest	2.19
AA	Successional Shrub/Scrub (Clear Cut)	1.79
AA	Successional Shrub/Scrub (Other)	0.27
AA	Utility Swath - Herbaceous	1.23
BB	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	5.59
BB	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	4.14
BB	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	13.15
BB	Clearcut - Grassland/Herbaceous	0.17
BB	Developed Open Space	31.11
BB	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	0.26
BB	Low Intensity Developed	37.72
BB	Medium Intensity Developed	6.00
BB	Other - Herbaceous	0.89
BB	Pasture/Hay	2.85
BB	Row Crop	0.01
BB	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	22.15
BB	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	1.51
BB	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	1.92
BB	Southern Piedmont Mesic Forest	1.67
BB	Southern Piedmont Small Floodplain and Riparian Forest	3.76
BB	Successional Shrub/Scrub (Clear Cut)	12.26
BB	Successional Shrub/Scrub (Other)	0.20
BB	Utility Swath - Herbaceous	4.96
CC	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	4.33
CC	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	8.60
CC	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	26.11
CC	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	0.02
CC	Atlantic Coastal Plain Small Blackwater River Floodplain Forest	1.18
CC	Clearcut - Grassland/Herbaceous	0.10
CC	Developed Open Space	21.64
CC	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	4.81
CC	High Intensity Developed	5.84
CC	Low Intensity Developed	59.50
CC	Medium Intensity Developed	23.67
CC	Pasture/Hay	0.61
CC	Quarry/Strip Mine/Gravel Pit	0.00
CC	Row Crop	3.31
CC	Successional Shrub/Scrub (Clear Cut)	13.19
DD	Atlantic Coastal Plain Blackwater Stream Floodplain Forest - Forest Modifier	6.34
DD	Atlantic Coastal Plain Dry and Dry-Mesic Oak Forest	18.47
DD	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	26.85
DD	Atlantic Coastal Plain Northern Fresh and Oligohaline Tidal Marsh	0.00
DD	Clearcut - Grassland/Herbaceous	0.34

Virginia Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
DD	Developed Open Space	2.81
DD	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	10.74
DD	High Intensity Developed	0.17
DD	Low Intensity Developed	3.80
DD	Medium Intensity Developed	2.59
DD	Row Crop	12.65
DD	Successional Shrub/Scrub (Clear Cut)	26.80
A	Atlantic Coastal Plain Mesic Hardwood and Mixed Forest	0.07
A	Developed Open Space	10.36
A	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	21.79
A	Low Intensity Developed	2.52
A	Other - Herbaceous	2.33
A	Pasture/Hay	17.89
A	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	23.30
A	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	6.27
A	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	9.24
A	Southern Piedmont Mesic Forest	1.52
A	Southern Piedmont Small Floodplain and Riparian Forest	2.02
A	Successional Shrub/Scrub (Clear Cut)	0.03
A	Successional Shrub/Scrub (Other)	0.82
A	Utility Swath - Herbaceous	8.51
B	Developed Open Space	5.78
B	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	33.27
B	Low Intensity Developed	0.71
B	Medium Intensity Developed	0.15
B	Other - Herbaceous	4.94
B	Pasture/Hay	7.07
B	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	34.65
B	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	4.68
B	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	6.87
B	Southern Piedmont Mesic Forest	1.12
B	Southern Piedmont Small Floodplain and Riparian Forest	0.86
B	Successional Shrub/Scrub (Other)	0.22
B	Utility Swath - Herbaceous	3.55
C	Developed Open Space	18.42
C	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	67.27
C	High Intensity Developed	1.06
C	Low Intensity Developed	6.75
C	Medium Intensity Developed	1.65
C	Other - Herbaceous	3.48
C	Pasture/Hay	17.07
C	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	40.56
C	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	19.69
C	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	19.07
C	Southern Piedmont Mesic Forest	6.97
C	Southern Piedmont Small Floodplain and Riparian Forest	1.49
C	Successional Shrub/Scrub (Other)	6.97
C	Utility Swath - Herbaceous	8.28
D	Bare Soil	0.22
D	Developed Open Space	7.66
D	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	55.89
D	Low Intensity Developed	2.34
D	Other - Herbaceous	3.68
D	Pasture/Hay	16.15
D	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	26.23
D	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	6.41
D	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	7.48

Virginia Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
D	Southern Piedmont Mesic Forest	3.97
D	Southern Piedmont Small Floodplain and Riparian Forest	1.72
D	Successional Shrub/Scrub (Other)	2.38
D	Utility Swath - Herbaceous	6.74
E	Developed Open Space	17.43
E	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	18.16
E	Low Intensity Developed	8.48
E	Medium Intensity Developed	0.59
E	Other - Herbaceous	1.02
E	Pasture/Hay	9.71
E	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	21.10
E	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	5.15
E	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	5.06
E	Southern Piedmont Mesic Forest	2.39
E	Southern Piedmont Small Floodplain and Riparian Forest	0.14
E	Successional Shrub/Scrub (Other)	1.92
E	Utility Swath - Herbaceous	1.15
F	Bare Soil	0.10
F	Developed Open Space	11.41
F	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	31.08
F	High Intensity Developed	0.05
F	Low Intensity Developed	9.90
F	Medium Intensity Developed	2.32
F	Other - Herbaceous	5.34
F	Pasture/Hay	1.47
F	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	24.44
F	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	1.86
F	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	4.59
F	Southern Piedmont Mesic Forest	3.96
F	Southern Piedmont Small Floodplain and Riparian Forest	1.08
F	Successional Shrub/Scrub (Other)	2.73
F	Utility Swath - Herbaceous	0.56
G	Bare Soil	0.41
G	Developed Open Space	6.14
G	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	17.66
G	Low Intensity Developed	1.73
G	Other - Herbaceous	2.66
G	Pasture/Hay	5.27
G	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	19.73
G	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	1.49
G	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	3.97
G	Southern Piedmont Mesic Forest	0.68
G	Southern Piedmont Small Floodplain and Riparian Forest	0.02
G	Successional Shrub/Scrub (Other)	2.05
G	Utility Swath - Herbaceous	0.20
H	Bare Soil	0.16
H	Developed Open Space	10.67
H	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	28.27
H	Low Intensity Developed	0.63
H	Other - Herbaceous	5.44
H	Pasture/Hay	25.82
H	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	57.57
H	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	4.99
H	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	11.46
H	Southern Piedmont Mesic Forest	7.18
H	Southern Piedmont Small Floodplain and Riparian Forest	1.16
H	Successional Shrub/Scrub (Other)	4.05

Virginia Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
H	Utility Swath - Herbaceous	1.11
I	Bare Soil	0.07
I	Developed Open Space	30.62
I	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	13.51
I	High Intensity Developed	0.95
I	Low Intensity Developed	8.68
I	Medium Intensity Developed	1.55
I	Other - Herbaceous	4.67
I	Pasture/Hay	18.32
I	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	7.16
I	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	5.59
I	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	8.28
I	Southern Piedmont Mesic Forest	0.99
I	Successional Shrub/Scrub (Other)	2.04
I	Utility Swath - Herbaceous	0.70
J	Developed Open Space	6.93
J	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	24.93
J	Low Intensity Developed	0.90
J	Other - Herbaceous	19.49
J	Pasture/Hay	7.52
J	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	20.41
J	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	6.73
J	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	8.39
J	Southern Piedmont Mesic Forest	2.60
J	Successional Shrub/Scrub (Other)	4.47
J	Utility Swath - Herbaceous	0.74
K	Bare Soil	0.07
K	Developed Open Space	2.19
K	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	38.83
K	Low Intensity Developed	4.06
K	Medium Intensity Developed	0.06
K	Other - Herbaceous	2.10
K	Pasture/Hay	0.49
K	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	22.61
K	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	3.78
K	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	12.35
K	Southern Piedmont Mesic Forest	0.79
K	Southern Piedmont Small Floodplain and Riparian Forest	0.84
K	Successional Shrub/Scrub (Other)	1.04
L	Bare Soil	0.19
L	Developed Open Space	2.35
L	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	12.79
L	Other - Herbaceous	3.15
L	Pasture/Hay	7.45
L	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	7.45
L	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	0.32
L	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	2.90
L	Southern Piedmont Large Floodplain Forest - Forest Modifier	0.02
L	Southern Piedmont Mesic Forest	0.58
L	Successional Shrub/Scrub (Other)	2.40
L	Utility Swath - Herbaceous	1.29

North Carolina Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
L	Developed Open Space	13.25
L	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	23.72
L	Low Intensity Developed	1.51
L	Medium Intensity Developed	0.20
L	Other - Herbaceous	11.97
L	Pasture/Hay	15.50
L	Row Crop	0.95
L	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	17.08
L	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	3.95
L	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	15.51
L	Southern Piedmont Mesic Forest	3.61
L	Southern Piedmont Small Floodplain and Riparian Forest	0.52
L	Successional Shrub/Scrub (Other)	8.12
M	Bare Soil	0.20
M	Developed Open Space	38.80
M	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	14.71
M	High Intensity Developed	0.04
M	Low Intensity Developed	12.33
M	Medium Intensity Developed	0.69
M	Other - Herbaceous	21.64
M	Pasture/Hay	47.36
M	Row Crop	4.65
M	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	8.57
M	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	5.31
M	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	10.91
M	Southern Piedmont Mesic Forest	1.01
M	Successional Shrub/Scrub (Other)	3.25
N	Bare Soil	0.82
N	Developed Open Space	15.55
N	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	21.29
N	Low Intensity Developed	2.94
N	Medium Intensity Developed	0.42
N	Other - Herbaceous	16.59
N	Pasture/Hay	7.86
N	Row Crop	0.43
N	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	9.97
N	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	4.09
N	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	6.38
N	Southern Piedmont Mesic Forest	0.58
N	Southern Piedmont Small Floodplain and Riparian Forest	1.12
N	Successional Shrub/Scrub (Other)	2.55
O	Developed Open Space	12.82
O	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	19.07
O	Low Intensity Developed	8.46
O	Medium Intensity Developed	0.68
O	Other - Herbaceous	9.31
O	Pasture/Hay	38.79
O	Row Crop	20.83
O	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	7.94
O	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	4.87
O	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	8.54
O	Southern Piedmont Mesic Forest	5.43
O	Southern Piedmont Small Floodplain and Riparian Forest	0.38
O	Successional Shrub/Scrub (Other)	2.10
P	Developed Open Space	36.26
P	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	2.88
P	High Intensity Developed	18.21

North Carolina Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
P	Low Intensity Developed	55.20
P	Medium Intensity Developed	43.27
P	Other - Herbaceous	6.59
P	Pasture/Hay	7.58
P	Row Crop	1.25
P	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	5.67
P	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	1.72
P	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	0.70
P	Southern Piedmont Mesic Forest	1.35
P	Southern Piedmont Small Floodplain and Riparian Forest	0.55
P	Successional Shrub/Scrub (Other)	3.06
Q	Bare Soil	0.06
Q	Developed Open Space	20.53
Q	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	11.18
Q	Low Intensity Developed	15.21
Q	Medium Intensity Developed	2.84
Q	Other - Herbaceous	29.70
Q	Pasture/Hay	15.93
Q	Row Crop	6.38
Q	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	17.65
Q	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	12.87
Q	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	6.94
Q	Southern Piedmont Mesic Forest	0.58
Q	Successional Shrub/Scrub (Other)	9.37
R	Developed Open Space	2.02
R	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	21.27
R	Low Intensity Developed	0.71
R	Medium Intensity Developed	0.04
R	Other - Herbaceous	7.58
R	Pasture/Hay	2.31
R	Row Crop	0.31
R	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	5.95
R	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	0.90
R	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	0.82
R	Southern Piedmont Mesic Forest	0.51
R	Successional Shrub/Scrub (Other)	1.95
S	Developed Open Space	18.13
S	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	37.51
S	High Intensity Developed	0.17
S	Low Intensity Developed	9.05
S	Medium Intensity Developed	4.41
S	Other - Herbaceous	6.94
S	Pasture/Hay	13.79
S	Row Crop	0.27
S	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	32.91
S	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	5.26
S	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	12.25
S	Southern Piedmont Mesic Forest	3.84
S	Southern Piedmont Small Floodplain and Riparian Forest	0.42
S	Successional Shrub/Scrub (Other)	5.23
T	Bare Soil	0.19
T	Developed Open Space	5.17
T	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	18.74
T	High Intensity Developed	0.09
T	Low Intensity Developed	7.65
T	Medium Intensity Developed	2.45
T	Other - Herbaceous	3.77

North Carolina Land Cover within 25 feet of Construction Limits for the Preferred Alternative

Section	Land Cover	Acres
T	Pasture/Hay	15.98
T	Row Crop	1.50
T	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	3.56
T	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	0.04
T	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	3.24
T	Southern Piedmont Mesic Forest	0.07
T	Successional Shrub/Scrub (Other)	0.54
U	Bare Soil	0.50
U	Developed Open Space	25.23
U	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	31.25
U	High Intensity Developed	0.33
U	Low Intensity Developed	21.53
U	Medium Intensity Developed	4.52
U	Other - Herbaceous	16.65
U	Pasture/Hay	17.39
U	Row Crop	2.83
U	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	21.51
U	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	9.84
U	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	5.28
U	Southern Piedmont Mesic Forest	3.88
U	Southern Piedmont Small Floodplain and Riparian Forest	0.17
U	Successional Shrub/Scrub (Other)	3.48
U	Utility Swath - Herbaceous	0.43
V	Developed Open Space	60.31
V	Evergreen Plantations or Managed Pine (can include dense successional regrowth)	6.42
V	High Intensity Developed	9.10
V	Low Intensity Developed	46.61
V	Medium Intensity Developed	40.53
V	Other - Herbaceous	4.25
V	Pasture/Hay	0.08
V	Row Crop	0.18
V	Southern Piedmont Dry Oak-(Pine) Forest - Hardwood Modifier	5.77
V	Southern Piedmont Dry Oak-(Pine) Forest - Loblolly Pine Modifier	4.17
V	Southern Piedmont Dry Oak-(Pine) Forest - Mixed Modifier	0.08
V	Southern Piedmont Mesic Forest	0.46
V	Southern Piedmont Small Floodplain and Riparian Forest	0.15
V	Successional Shrub/Scrub (Other)	1.56