

Appendix E

Potential Jurisdictional Features Tables

Table E-1. Physical Characteristics of Streams within the Detailed Study Alternative Corridors

Stream ID ¹	Stream Name	Bank Height (feet)	Bankfull Width (feet)	Water Depth (inches)	Best Usage Classification ²	Length in Corridors (feet) ³	Stream Determination
South Carolina							
SHAA	Unnamed Tributary (UT) to Intracoastal Waterway/Little River	2	5	6	SA	1,310	Intermittent
SHAB	UT to Intracoastal Waterway/Little River	12	10	10	SA	2,380	Intermittent
SHAC	UT to Intracoastal Waterway/Little River	2	5	8	SA	280	Intermittent
SHAD	UT to Intracoastal Waterway/Little River	3	6	22	SA	2,070	Intermittent
SHAE	UT to Bellamy Branch	4	6	12	FW	1,850	Perennial
SHAF	Mullet Creek	6	8	10	SA	4,240	Perennial
SHAG	UT to Mullet Creek	3	6	3	SA	50	Intermittent
SHAH	UT to Mullet Creek	3	6	6	SA	70	Intermittent
SHAI	UT to Mullet Creek	2	5	8	SA	1,650	Perennial
SHAJ	UT to Mullet Creek	2	6	12	SA	80	Perennial
SHAK	UT to Mullet Creek	2	5	10	SA	670	Intermittent
SHAL	UT to Mullet Creek	1	4	3	SA	400	Perennial
SHAM	UT to Mullet Creek	2	3	1	SA	50	Intermittent
SHAN	UT to Mullet Creek	2	5	4	SA	620	Intermittent
SHAO	UT to Indigo Branch	2	15	24	FW	350	Intermittent
SHEA	UT to Waccamaw River	5	11	6	FW	882	Intermittent
SHEB	UT to Waccamaw River	2	5	2	FW	2,110	Intermittent
SHEC	UT to Waccamaw River	2	5	2	FW	50	Intermittent
SHED	UT to Waccamaw River	3	13	5	FW	1,040	Intermittent
SHEE	Bellamy Branch	6	12	18	FW	1,350	Intermittent

**Table E-1. Physical Characteristics of Streams within the Detailed Study Alternative Corridors
(continued)**

Stream ID ¹	Stream Name	Bank Height (feet)	Bankfull Width (feet)	Water Depth (inches)	Best Usage Classification ²	Length in Corridors (feet) ³	Stream Determination
SHEF	UT to Bellamy Branch	4	10	40	FW	40	Intermittent
SHIA	UT to Bellamy Branch	4	7	13	FW	2,170	Intermittent
SHIB	UT to Bellamy Branch	3	4	10	FW	60	Intermittent
SHIC	Bellamy Branch	6	12	18	FW	2,030	Perennial
SHID	UT to Bellamy Branch	4	4	10	FW	1,750	Intermittent
SHIE	UT to Bellamy Branch	3	4	8	FW	890	Intermittent
SHIF	UT to Bellamy Branch	5	4	8	FW	1,790	Intermittent
SHMA	UT to Waccamaw River	8	10	8	FW	770	Intermittent
SHMB	UT to Waccamaw River	4	10	2	FW	1,250	Intermittent
SHMC	UT to Waccamaw River	6	8	6	FW	860	Intermittent
SHQA	Indigo Branch	4	10	3	FW	3,700	Perennial
SG	Indigo Branch	4	15	12	FW	230	Intermittent
SP	UT to Indigo Branch	4	12	10	FW	80	Perennial
SQ	UT to Indigo Branch	5	9	14	FW	30	Perennial
SR	UT to Indigo Branch	4	10	9	FW	1,520	Perennial
North Carolina							
Cawcaw Swamp	Cawcaw Swamp	5	16	18	C;Sw	2,860	Perennial
Earnest Branch	Earnest Branch	4	8	12	C;Sw	1,930	Perennial
Hickman's Branch	Hickman's Branch	8	13	26	C;Sw	3,782	Perennial
Little Cawcaw Swamp	Little Cawcaw Swamp	6	12	20	C;Sw	4,590	Perennial
Lookout Branch	Lookout Branch	5	8	12	C;Sw, HQW	1,280	Perennial
McMilly Swamp	McMilly Swamp	5	7	10	C;Sw	7,160	Perennial
SA (Intermittent)	UT to Mulberry Branch	2	3	2	C;Sw	640	Intermittent
SA (Perennial)	UT to Mulberry Branch	2	5	5	C;Sw	1,130	Perennial

**Table E-1. Physical Characteristics of Streams within the Detailed Study Alternative Corridors
(continued)**

Stream ID ¹	Stream Name	Bank Height (feet)	Bankfull Width (feet)	Water Depth (inches)	Best Usage Classification ²	Length in Corridors (feet) ³	Stream Determination
Mulberry Branch	Mulberry Branch	1.5	7	10	C;Sw	1,480	Perennial
SAB	UT to Cawcaw Swamp	1	4	6	C;Sw	1,531	Perennial
SAC	UT to Cawcaw Swamp	1	3	4	C;Sw	550	Perennial
SAD	UT to Lookout Branch	1.5	4	5	C;Sw, HQW	10	Intermittent
SAE	UT to Little Cawcaw Swamp	2	12	8	C;Sw	690	Perennial
SAF (Intermittent)	UT to Lookout Branch	2	3	3	C;Sw, HQW	260	Intermittent
SAF (Perennial)	UT to Lookout Branch	2	3	3	C;Sw, HQW	1,410	Perennial
SAG	UT to Earnest Branch	8	6	3	C;Sw	570	Intermittent
SAJ	UT to Little Cawcaw Swamp	6	4	10	C;Sw	210	Perennial
SAK	UT to Earnest Branch	6	4	3	C;Sw	310	Intermittent
SAL	UT to Cawcaw Swamp	6	2	2	C;Sw	540	Intermittent
SAM	UT to Cawcaw Swamp	4	9	4	C;Sw	70	Perennial
SAN	UT to Cawcaw Swamp	6	8	4	C;Sw	390	Perennial
SAP	UT to Little Cawcaw Swamp	7	6	5	C;Sw	340	Intermittent
SB	UT to Little Cawcaw Swamp	9	6	3	C;Sw	770	Perennial
SBB	UT to Earnest Branch	5	10	6	C;Sw	2,944	Perennial
SBH (Intermittent)	UT to Shallotte River	5	6	3	C;Sw, HQW	210	Intermittent
SBH (Perennial)	UT to Shallotte River	5	4	4	C;Sw, HQW	3,130	Perennial
SBI	UT to McMilly Swamp	4	7	2	C;Sw	760	Intermittent
SBK	UT to Cawcaw Swamp	2	12	8	C;Sw	1,480	Perennial
SBM (Intermittent)	UT to Cawcaw Swamp	2	3	3	C;Sw	460	Intermittent
SBM (Perennial)	UT to Cawcaw Swamp	2	4	4	C;Sw	470	Perennial
SBQ	UT to Lookout Branch	2	3	3	C;Sw, HQW	80	Intermittent

**Table E-1. Physical Characteristics of Streams within the Detailed Study Alternative Corridors
(continued)**

Stream ID ¹	Stream Name	Bank Height (feet)	Bankfull Width (feet)	Water Depth (inches)	Best Usage Classification ²	Length in Corridors (feet) ³	Stream Determination
SBS	UT to McMilly Swamp	4	3	4	C;Sw	360	Intermittent
SBT	UT to McMilly Swamp	7	12	18	C;Sw	1,187	Perennial
SC	UT to Lookout Branch	2	3	3	C;Sw, HQW	430	Intermittent
SCB	UT to McMilly Swamp	5	7	4	C;Sw	230	Intermittent
SCC	UT to McMilly Swamp	1.5	2	3	C;Sw	410	Perennial
SCF (Intermittent)	UT to Cawcaw Swamp	2	3	3	C;Sw	260	Intermittent
SCF (Perennial)	UT to Cawcaw Swamp	2	3	3	C;Sw	2,960	Perennial
SCG	UT to Cawcaw Swamp	2	4	4	C;Sw	220	Perennial
SD	UT to Lookout Branch	3	3	3	C;Sw, HQW	780	Intermittent
SDA	UT to McMilly Swamp	5	5	6	C;Sw	270	Perennial
SDD	UT to Lookout Branch	7	5	3	C;Sw, HQW	160	Intermittent
SDJ	UT to Lookout Branch	5	4	7	C;Sw, HQW	550	Perennial
SDK	UT to Shallotte River	4	4	3	C;Sw, HQW	710	Perennial
SDM	UT to Earnest Branch	8	6	3	C;Sw	870	Perennial
SE	UT to Shallotte River	5	7	4	C;Sw, HQW	830	Perennial
SF	UT to Indigo Branch	4	7	2	C;Sw	540	Perennial
SHIG (Intermittent)	UT to Persimmon Swamp	3	6	6	C;Sw	370	Intermittent
SHIG (Perennial)	UT to Persimmon Swamp	3	6	6	C;Sw	3,540	Perennial
Shingletree Swamp	Shingletree Swamp	8	13	18	C;Sw	5,778	Perennial
SHII	UT to Persimmon Swamp	3	7	10	C;Sw	140	Perennial
SHIJ	UT to Shingletree Swamp	3	6	10	C;Sw	150	Intermittent
SHIM	UT to Persimmon Swamp	3	7	9	C;Sw	210	Perennial
SHUB	UT to Shingletree Swamp	6	6	1	C;Sw	250	Perennial

Table E-1. Physical Characteristics of Streams within the Detailed Study Alternative Corridors (continued)

Stream ID ¹	Stream Name	Bank Height (feet)	Bankfull Width (feet)	Water Depth (inches)	Best Usage Classification ²	Length in Corridors (feet) ³	Stream Determination
SVAB	UT to Cool Run	6	8	10	C;Sw	2,930	Perennial
SVAC (Intermittent)	UT to Cool Run	4	6	3	C;Sw	1,130	Intermittent
SVAC (Perennial)	UT to Cool Run	5	7	9	C;Sw	30	Perennial
SVAD	UT to Shallotte River	4	6	5	C;Sw, HQW	1,280	Perennial
Cool Run	Cool Run	4	8	14	C;Sw	2,030	Perennial
SVAF	UT to Shallotte River	5	4	10	C;Sw, HQW	150	Perennial
SVAG	UT to Shallotte River	4	6	6	C;Sw, HQW	790	Perennial
Shallotte River	Shallotte River	4	8	12	C;Sw, HQW	2,430	Perennial
SVAI	UT to Shallotte River	5	6	6	C;Sw, HQW	790	Perennial
SVAJ	UT to Shallotte River	3	4	6	C;Sw, HQW	900	Perennial
SVAK	UT to Shallotte River	3	6	8	C;Sw, HQW	90	Perennial
SVAL	UT to Cawcaw Swamp	3	7	10	C;Sw	510	Perennial
SVAM	UT to Shallotte River	3	6	10	C;Sw, HQW	780	Perennial
SVAN	UT to Shallotte River	3	7	9	C;Sw, HQW	2,050	Intermittent
SVAO	UT to Shallotte River	5	6	8	C;Sw, HQW	1,650	Perennial
SVBE	UT to Shallotte River	3	4	6	C;Sw, HQW	460	Perennial
SVBF	UT to Shallotte River	3	6	6	C;Sw, HQW	630	Perennial
SVBH	UT to Shallotte River	5	4	4	C;Sw, HQW	1,157	Perennial
SVBJ	UT to Cool Run	4	6	7	C;Sw	500	Perennial
SVZA	UT to Shallotte River	5	4	5	C;Sw, HQW	120	Perennial
B5996-S1 ⁴	Cawcaw Swamp	N/A	N/A	N/A	N/A	190	Perennial
W5703H-S1 ⁴	Little Cawcaw Swamp	N/A	N/A	N/A	N/A	329	Perennial
Total Length in Corridors						122,570	

¹North Carolina Stream Assessment Method (NCSAM) (for impaired streams), NCDWR stream identification forms (NC), and USACE Stream Quality Assessment forms (SC) are included in separate Jurisdictional Determination (JD) Packages.

²Stream classifications in table for each state are: South Carolina – SA = Class SA (Saltwater), and FW = Freshwaters. North Carolina – C;Sw = Class C (Aquatic Life, Secondary Recreation, Freshwater); Swamp Waters, and HQW = High Quality Waters.

³Stream lengths shown are based on the total length within the delineated study corridors. For streams with two delineated banks, the longer of the two banks is reported.

⁴Delineation data for these streams was previously verified as part of a separate NCDOT STIP project.

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
South Carolina			
TDA	WDB	42.8	--
TDC	WDC/WDD	989.8	--
TDD	WDC	122.7	--
THAA	WHAN	458.7	--
THAB	WHAP/WHAQ/WHAR	729.1	--
THAC	WHAT	1,439.8	--
THAD	SHAD	1,076.4	--
THAE	WHBD/WHBE	808.0	--
THAF	THAE	157.0	--
THAG	WHBS	1,550.7	--
THAH	WHBV	126.6	--
THAI	SHAF	380.5	--
THEA	SHEA	120.4	--
THEB	WHEA	265.3	--
THEC	No Connection	1,695.0	--
THED	WHEC/WHEE	92.5	--
THEE	WHEI	273.6	--
THEF	No Connection	188.7	--
THEG	WHFE	823.7	--
THEH	SHEE	1,566.7	--
THEI	THEG/WHFE	36.0	--
THIA	WHIF	40.0	--
THIB	WHIH	259.4	--
THIC	WHIK	375.2	--
THID	SHIF/WHIK	44.6	--
THIE	No Connection	173.7	--
THIF	WHIJ	404.8	--
THMA	WHMB	198.8	--
THMB	WHMD	5452	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
THMC	THMB/WHMD	362.4	--
THMD	No Connection	335.3	--
THMF	SHMC	83.4	--
THMH	WHMO	213.4	--
TQ	No Connection	534.3	--
TZK	No Connection	70.9	--
PAD	No Connection	--	0.1
PAE	No Connection	--	0.5
PAF	WP	--	0.5
PBD	No Connection	--	0.2
PBE	No Connection	--	0.4
PBF	No Connection	--	0.1
PBG	No Connection	--	0.6
PBH	No Connection	--	0.7
PHAA	WHAC	--	0.3
PHAB	WHAD	--	0.3
PHAC	WHAF	--	0.3
PHAD	No Connection	--	0.1
PHAE	No Connection	--	0.2
PHAF	WHBA/WHAZ	--	0.3
PHAG	THAI	--	0.3
PHAH	No Connection	--	0.6
PHAI	WHBT	--	0.2
PHAJ	No Connection	--	0.8
PHAK	No Connection	--	0.1
PHAL	No Connection	--	0.1
PHAM	No Connection	--	0.1
PHAN	No Connection	--	0.1
PHAO	No Connection	--	0.1
PHAP	SHAM	--	0.8

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PHAQ	No Connection	--	0.3
PHAR	No Connection	--	0.1
PHAW	No Connection	--	0.1
PHAX	No Connection	--	0.3
PHAY	No Connection	--	0.1
PHAZ	No Connection	--	0.4
PHEA	No Connection	--	0.2
PHEC	No Connection	--	0.2
PHED	THEI	--	0.1
PHEE	No Connection	--	0.1
PHIA	WHIF	--	0.1
PHIB	No Connection	--	0.1
PHIC	WHIK	--	0.2
PHIX	SHIE	--	0.5
PHIY	No Connection	--	1.3
PHIZ	No Connection	--	0.2
PHMA	THMA	--	1.9
PHMB	WHMD	--	1.0
PHMC	No Connection	--	5.2
PHMZ	No Connection	--	1.6
PHUB	No Connection	--	1.8
PHUC	No Connection	--	1.2
North Carolina			
TA	WA	402.9	--
TAA	No Connection	472.4	--
TAC	WDX	395.4	--
TAD	No Connection	586.1	--
TAE	WAE/SAD	111.5	--
TAF	WEA	571.4	--
TAG	SAG/TZL	448.8	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
TAH	WAQ	294.3	--
TAI	WBF	1,373.5	--
TAJ	TAK	539.5	--
TAK	TAJ/TAN	365.5	--
TAL	No Connection	62.9	--
TAM	SAJ	802.6	--
TAN	TAK	190.6	--
TAO	WAY	1,551.8	--
TAP	WDI/SAB	64.2	--
TAQ	WDJ	679.7	--
TAS	WAH/WAI	40.4	--
TAT	SAP	696.4	--
TAU	WDV/PGA	56.7	--
TAV	TDQ/TDR	298.1	--
TAW	SBH/TBK	85.2	--
TAX	WM	116.3	--
TAY	WZL/McMilly Swamp/PEB	228.5	--
TB	WA	126.2	--
TBA	WBB	366.2	--
TBB	SAC	765.6	--
TBC	WBE	112.8	--
TBD	WVCH	2,561.1	--
TBH	TVAY	460.9	--
TBK	TAW	542.2	--
TBN	SBH	343.7	--
TBQ	WZE	423.4	--
TBT	No Connection	491.8	--
TBU	No Connection	240.9	--
TBV	No Connection	58.6	--
TBY	McMilly Swamp	699.2	--
TBZ	SBH/TDB	1,812.5	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
TC	WB	169.1	--
TCA	TCB	50.2	--
TCB	SBH	19.3	--
TCC	WBH	277.7	--
TCD	WBA/SVBF	879.0	--
TCE	WAX	168.0	--
TCF	WBVW/TVBQ	45.2	--
TCH	WCH/SBH	73.0	--
TCI	WM/TDN	200.2	--
TCJ	WBQ	204.4	--
TCK	SCF	346.4	--
TCL	TCM	1,490.8	--
TCM	SCF/TCL	1,471.4	--
TCO	WBT	432.4	--
TCP	No Connection	248.2	--
TD	WB/WC	242.9	--
TDB	TBZ	475.9	--
TDE	WZ	362.1	--
TDF	No Connection	351.8	--
TDG	WCM/SCF	27.0	--
TDH	WCV	214.1	--
TDI	WCQ/SDD	352.0	--
TDJ	WCR	430.7	--
TDK	WCT/SAF	524.7	--
TDL	WCU/SAF	847.3	--
TDM	WBU/TDR	612.8	--
TDN	TCI	704.0	--
TDP	WCV/PK	65.8	--
TDQ	WBX/TAV/TDR	693.8	--
TDR	WEC/TDS/TDM/TFH	2,045.1	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
TDS	TDR	826.8	--
TDT	WED	147.4	--
TDU	No Connection	157.3	--
TDV	WEF	438.5	--
TE	WI/PI	224.7	--
TEA	SAL/PDX	814.5	--
TEB	WDX	135.8	--
TEC	TDR/TDS	165.9	--
TEZ	No Connection	1,106.1	--
TF	No Connection	167.0	--
TFH	WBU/TDR	1,184.9	--
THIE	WHJB	56.4	--
THIJ	WHIT/Shingletree Swamp/PHIE	306.1	--
THIK	WHIU	240.6	--
THIL	WHIV/Shingletree Swamp	7.3	--
THIM	WHIN	227.5	--
THIN	THIO/THIZ	629.1	--
THIO	THIN	227.5	--
THIP	WHJA	258.2	--
THIQ	THIR	700.3	--
THIR	THIQ/THIS/THIT/THIU	1,273.2	--
THIS	THIR/THIV/THIW	1,331.6	--
THIT	THIR	341.3	--
THIU	THIR	512.7	--
THIV	THIS	113.8	--
THIW	THIS	305.1	--
THIX	WHJA	1,141.6	--
THIY	SHIM	2,284.4	--
THIZ	THIN	60.7	--
THQD	WHQJ	686.3	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
THUB	No Connection	1,051.8	--
THUD	WHUB/WHUC	234.1	--
THUE	WHUB/WHUD/THUH	1,028.4	--
THUF	WHQE/Shingletree Swamp	93.9	--
THUH	WHUB/THUE	54.4	--
TI	WM	133.3	--
TJ	WE/WM	578.1	--
TL	WM	306.9	--
TM	SF/TO	916.0	--
TN	WM	159.7	--
TO	WT/SF/TM	388.4	--
TP	PO	173.2	--
TS	No Connection	1,142.6	--
TU	No Connection	120.6	--
TV	TW	1,185.3	--
TVAC	SVAB	200.6	--
TVAD	SVAB	213.9	--
TVAG	SVAD	80.5	--
TVAL	SVAD	670.1	--
TVAM	WVAP/TVAO	369.7	--
TVAN	No Connection	200.5	--
TVAO	TVAM	470.4	--
TVAP	WVAR	199.5	--
TVAT	WVAS	233.4	--
TVAU	WVCB/WVCI/TVAV/TVAX	783.9	--
TVAV	WVCI/TVAU	209.4	--
TVAX	WVCC/TVAU	115.1	--
TVAY	SVAI/TBH/TVAZ	398.0	--
TVAZ	PVAR/TVAY	78.5	--
TVBB	SVAB	448.2	--
TVBF	WVBK/Cool Run	555.8	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
TVBJ	SVZA	282.2	--
TVBK	SVBE/TVBL	904.6	--
TVBL	WVBS/TVBK	26.9	--
TVBP	No Connection	1,104.7	--
TVBQ	SVAL/TCF	1,558.1	--
TVBR	TVBS	1,457.9	--
TVBS	WVBW/TVBR	217.4	--
TVBT	No Connection	1,599.0	--
TVCB	WVCH	183.3	--
TVCC	PVAY	1,904.7	--
TVCD	SVAM	2,237.4	--
TVZA	SVAB	392.8	--
TVZB	WVBG	79.6	--
TVZC	No Connection	713.1	--
TVZD	WVBL/WVBM	119.6	--
TVZE	No Connection	2,106.6	--
TVZF	WVDB	208.8	--
TW	TV	705.7	--
TX	WY	1,279.2	--
TY	Hickman's Branch	998.7	--
TYA	Shingletree Swamp	83.1	--
TYB	Shingletree Swamp	174.4	--
TYC	Shingletree Swamp	149.9	--
TYD	Shingletree Swamp	151.4	--
TYE	Shingletree Swamp	161.2	--
TYF	Hickman's Branch	355.9	--
TZ	Hickman's Branch	783.6	--
TZB	SBS	702	--
TZH	WZF/Little Cawcaw Swamp	476.4	--
TZI	Little Cawcaw Swamp	541.5	--

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
TZL	SAG	575.5	--
TZM	WZD	163.9	--
TZY	TZB	183.6	--
TZZ	Lookout Branch	184.9	--
B-5996T1 ¹	N/A	427.0	--
R5857A-T1 ¹	N/A	75.2	--
W-5703H-T1 ¹	N/A	788.9	--
W-5703H-T2 ¹	N/A	72.4	--
W-5703H-T3 ¹	N/A	98.0	--
PA	No Connection	--	0.1
PAA	No Connection	--	0.2
PAB	No Connection	--	0.1
PAC	PBB	--	0.3
PAG	No Connection	--	0.6
PAH	SBB	--	0.1
PAI	No Connection	--	0.6
PAJ	SAM	--	1.9
PAK	No connection	--	1.6
PAL	No Connection	--	0.6
PAM	PDY	--	0.1
PAN	No Connection	--	0.1
PAO	No Connection	--	0.1
PB	SC	--	0.7
PBA	WBE	--	0.1
PBB	PAC	--	0.3
PBC	No Connection	--	1.6
PBI	No Connection	--	0.3
PBJ	No Connection	--	1.7
PBK	No Connection	--	0.1
PBKa	No Connection	--	0.1

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PBL	No Connection	--	0.6
PBM	No Connection	--	0.5
PBN	No Connection	--	0.1
PBO	WBU	--	0.1
PC	No Connection	--	5.7
PCA	No Connection	--	0.2
PCB	No Connection	--	0.1
PCC	No Connection	--	0.2
PCD	No Connection	--	1.5
PCE	No connection	--	0.9
PCF	No Connection	--	0.4
PCG	No Connection	--	0.2
PCH	No Connection	--	0.7
PCI	No Connection	--	0.1
PCJ	No Connection	--	0.8
PCK	Little Cawcaw Swamp/SAJ	--	2.1
PCL	No Connection	--	1.0
PCM	WBJ/Earnest Branch	--	0.7
PD	No Connection	--	0.1
PDA	No Connection	--	0.2
PDB	No Connection	--	0.1
PDC	No Connection	--	0.1
PDD	No Connection	--	0.1
PDE	No Connection	--	0.2
PDF	No Connection	--	0.3
PDG	No Connection	--	0.1
PDH	No Connection	--	0.3
PDI	No Connection	--	0.3
PDK	No Connection	--	3.5
PDL	No Connection	--	2.3

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PDM	No Connection	--	0.4
PDN	No Connection	--	0.5
PDO	No Connection	--	1.5
PDP	No Connection	--	0.1
PDQ	No Connection	--	0.1
PDR	No Connection	--	0.1
PDS	No Connection	--	0.2
PDT	SBB	--	0.4
PDU	No Connection	--	0.1
PDV	No Connection	--	0.1
PDW	No Connection	--	0.4
PDX	WDQ	--	3.2
PDY	No Connection	--	0.2
PE	No Connection	--	0.1
PEA	WCK/SCC	--	0.1
PEB	TAY	--	0.4
PEC	No Connection	--	0.4
PED	No Connection	--	0.6
PEE	No Connection	--	0.1
PEF	No Connection	--	0.1
PEG	No Connection	--	0.1
PEH	WM	--	0.3
PEI	No Connection	--	0.2
PEJ	No Connection	--	0.1
PEK	No Connection	--	0.4
PEL	WDR	--	0.1
PEM	No connection	--	0.1
PEN	SDD	--	0.1
PEO	WCX	--	0.1
PF	No Connection	--	0.1

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PG	No Connection	--	2.8
PGA	No Connection	--	0.1
PH	WN	--	0.1
PHEF	No Connection	--	0.1
PHID	WHIO	--	0.3
PHIE	THIJ	--	0.1
PHIF	WHJA	--	0.4
PHIG	No Connection	--	0.4
PHIJ	No Connection	--	0.1
PHIK	No Connection	--	0.2
PHIL	No Connection	--	0.7
PHIM	No Connection	--	0.1
PHIO	No Connection	--	1.5
PHIP	No Connection	--	0.4
PHIQ	No Connection	--	0.2
PHIR	No Connection	--	0.1
PHIS	No Connection	--	0.5
PHIT	No Connection	--	0.7
PHIU	No Connection	--	2.0
PHIV	No Connection	--	0.8
PHIW	No Connection	--	0.1
PHJA	No Connection	--	0.1
PHQA	No Connection	--	0.1
PHQB	No Connection	--	0.5
PHQC	No Connection	--	0.9
PHQD	No Connection	--	0.1
PHQE	No Connection	--	1.8
PHQF	No Connection	--	0.1
PHQG	No Connection	--	0.1
PHQH	WHUB	--	0.2

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PHQI	WHUD	--	1.0
PHQJ	No Connection	--	0.8
PHQK	No Connection	--	0.1
PHQL	No Connection	--	0.1
PHQM	No Connection	--	0.6
PHQN	No Connection	--	1.3
PHQO	No Connection	--	0.5
PHQP	No Connection	--	0.1
PHQQ	No Connection	--	0.3
PHQR	No Connection	--	0.7
PHQS	No Connection	--	1.0
PHQT	No Connection	--	0.3
PHUA	PHUO	--	2.9
PHUI	No Connection	--	0.1
PHUJ	No Connection	--	0.2
PHUK	No Connection	--	0.2
PHUL	No Connection	--	0.3
PHUN	No Connection	--	0.2
PHUO	PHUA/PHUP	--	0.1
PHUP	PHUO	--	0.2
PI	TE	--	0.2
PJ	No Connection	--	1.2
PK	TDP	--	0.9
PL	No Connection	--	0.1
PM	No Connection	--	0.2
PN	WQ/WV	--	0.6
PO	TP	--	1.4
PP	No Connection	--	0.7
PQ	WBG	--	0.1
PR	WBG	--	0.2

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PS	SAP	--	0.6
PT	No Connection	--	0.2
PU	No Connection	--	0.1
PV	No Connection	--	0.3
PVAA	SCC	--	2.5
PVAB	WVDA	--	0.6
PVAC	No Connection	--	1.5
PVAD	No Connection	--	0.5
PVAE	No Connection	--	0.1
PVAF	WVAN	--	1.6
PVAG	No Connection	--	0.3
PVAH	No Connection	--	0.4
PVAI	WVAZ	--	0.2
PVAJ	WVBR	--	0.4
PVAK	No Connection	--	1.3
PVAL	No Connection	--	0.2
PVAM	No Connection	--	0.6
PVAN	No Connection	--	1.2
PVAO	SVBF	--	1.3
PVAP	No Connection	--	0.5
PVAQ	WVBS	--	1.0
PVAR	TVAZ	--	0.2
PVAS	PVAS	--	0.2
PVAT	PVAT	--	0.2
PVAU	WVBQ	--	0.1
PVAV	WVCH	--	0.3
PVAW	WVCH	--	0.6
PVAX	No Connection	--	0.1
PVAY	No Connection	--	0.3
PVAZ	No Connection	--	6.8

Table E-2. Tributaries and Ponds within the Detailed Study Alternative Corridors (continued)

Tributary or Pond ID	Connected Feature Map ID	Length or Area of Feature in Corridors	
		Tributaries (linear feet)	Ponds (acres)
PVBA	No Connection	--	0.4
PVBB	No Connection	--	0.2
PW	No Connection	--	0.1
PX	No Connection	--	0.1
PY	No Connection	--	0.1
PZ	No Connection	--	1.0
PZA	No Connection	--	<0.1
R5857A-P1 ¹	N/A	--	0.1
R5857A-P2 ¹	N/A	--	0.2
R5857A-P3 ¹	N/A	--	<0.1
W5703H-P1 ¹	N/A	--	<0.1
W5703H-P2 ¹	N/A	--	0.1

¹Delineation data for these features was previously verified as part of a separate NCDOT STIP project.

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WA	NC	Bottomland Hardwood Forest	High	Riverine	2.2
WAA	NC	Bottomland Hardwood Forest	Low	Riverine	11.7
WAB	NC	Pine Flat	Low	Non-Riverine	<0.1
WAC	NC	Pine Flat	Low	Non-Riverine	0.2
WAD	NC	Pine Flat	Low	Non-Riverine	0.3
WAE	NC	Headwater Forest	Medium	Riverine	0.3
WAG	NC	Bottomland Hardwood Forest	Low	Riverine	0.1
WAH	NC	Bottomland Hardwood Forest	Low	Riverine	12.6
WAI	NC	Bottomland Hardwood Forest	Low	Riverine	0.1
WAJ	NC	Floodplain Pool	Low	Riverine	0.1
WAK	NC	Bottomland Hardwood Forest	Low	Riverine	<0.1
WAL	NC	Floodplain Pool	Medium	Riverine	0.2
WAM	NC	Bottomland Hardwood Forest	High	Riverine	8.2
WAO	NC	Pine Flat	High	Non-Riverine	6.0
WAP	NC	Basin Wetland	Low	Non-Riverine	<0.1
WAQ	NC	Bottomland Hardwood Forest	Low	Riverine	4.7
WAR	NC	Pine Flat	Low	Non-Riverine	28.6
WAS	NC	Floodplain Pool	Medium	Riverine	<0.1
WAT	NC	Pine Flat	High	Non-Riverine	50.3
WAV	NC	Bottomland Hardwood Forest	Medium	Riverine	0.4
WAW	NC	Floodplain Pool	Low	Riverine	<0.1
WAX	NC	Floodplain Pool	Low	Riverine	0.1
WAY	NC	Bottomland Hardwood Forest	Medium	Riverine	1.0
WAZ	NC	Bottomland Hardwood Forest	Medium	Riverine	0.2
WB	NC	Bottomland Hardwood Forest	Medium	Riverine	1.1
WBA	NC	Hardwood Flat	High	Non-Riverine	4.9
WBB	NC	Riverine Swamp Forest	Low	Riverine	2.7
WBC	NC	Riverine Swamp Forest	Low	Riverine	7.4
WBD	NC	Bottomland Hardwood Forest	High	Riverine	2.3
WBE	NC	Bottomland Hardwood Forest	High	Riverine	4.3
WBF	NC	Bottomland Hardwood Forest	High	Riverine	32.3
WBG	NC	Bottomland Hardwood Forest	Medium	Riverine	8.3
WBH	NC	Bottomland Hardwood Forest	High	Riverine	2.8
WBI	NC	Non-Tidal Freshwater Marsh	Low	Riverine	0.8

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WBJ	NC	Bottomland Hardwood Forest	Medium	Riverine	0.3
WBK	NC	Pine Flat	Low	Non-Riverine	1.6
WBL	NC	Pine Flat	High	Non-Riverine	5.4
WBM	NC	Floodplain Pool	Low	Riverine	0.2
WBMM	NC	Floodplain Pool	Low	Riverine	0.3
WBN	NC	Pine Flat	Medium	Non-Riverine	12.2
WBO	NC	Pine Flat	Medium	Non-Riverine	1.2
WBQ	NC	Pine Flat	Low	Non-Riverine	2.8
WBR	NC	Pine Flat	Low	Non-Riverine	0.7
WBS	NC	Pine Flat	Low	Non-Riverine	3.8
WBT	NC	Hardwood Flat	Low	Non-Riverine	2.5
WBU	NC	Bottomland Hardwood Forest	Medium	Riverine	25.6
WBVW	NC	Floodplain Pool	Low	Riverine	8.6
WBX	NC	Bottomland Hardwood Forest	High	Riverine	1.3
WBY	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WC	NC	Riverine Swamp Forest	High	Riverine	2.4
WCC	NC	Floodplain Pool	Low	Riverine	0.1
WCE	NC	Bottomland Hardwood Forest	Medium	Riverine	0.8
WCF	NC	Bottomland Hardwood Forest	Medium	Riverine	0.3
WCG	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WCH	NC	Pocosin	High	Non-Riverine	29.1
WCK	NC	Non-Tidal Freshwater Marsh	High	Riverine	0.2
WCL	NC	Non-Tidal Freshwater Marsh	Low	Riverine	0.3
WCM	NC	Bottomland Hardwood Forest	High	Riverine	1.3
WCN	NC	Bottomland Hardwood Forest	High	Riverine	<0.1
WCQ	NC	Pine Flat	Low	Non-Riverine	0.3
WCR	NC	Pine Flat	Low	Non-Riverine	0.1
WCS	NC	Pine Flat	Low	Non-Riverine	0.6
WCT	NC	Pine Flat	Low	Non-Riverine	0.3
WCU	NC	Pine Flat	Low	Non-Riverine	0.1
WCV	NC	Headwater Forest	High	Riverine	1.3
WCX	NC	Bottomland Hardwood Forest	High	Riverine	0.6
WCZ	NC	Bottomland Hardwood Forest	High	Riverine	0.3
WD	NC	Hardwood Flat	High	Non-Riverine	9.4

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WDA	NC	Bottomland Hardwood Forest	Medium	Riverine	1.3
WDB	SC	Bottomland Hardwood Forest	Medium	Riverine	3.5
WDC	SC	Bottomland Hardwood Forest	Low	Riverine	1.0
WDD	SC	Bottomland Hardwood Forest	High	Riverine	6.4
WDE	SC	Bottomland Hardwood Forest	High	Riverine	0.2
WDF	NC	Bottomland Hardwood Forest	High	Riverine	30.1
WDG	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WDH	NC	Floodplain Pool	Medium	Riverine	0.1
WDI	NC	Bottomland Hardwood Forest	Medium	Riverine	4.9
WDJ	NC	Pine Flat	Low	Non-Riverine	10.5
WDK	NC	Pine Savanna	High	Non-Riverine	1.4
WDL	NC	Non-Tidal Freshwater Marsh	Low	Riverine	0.1
WDM	NC	Riverine Swamp Forest	High	Riverine	12.4
WDO	NC	Riverine Swamp Forest	High	Riverine	0.1
WDP	NC	Riverine Swamp Forest	High	Riverine	0.2
WDQ	NC	Riverine Swamp Forest	High	Riverine	11.2
WDR	NC	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WDS	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WDT	NC	Bottomland Hardwood Forest	Medium	Riverine	0.3
WDV	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WDW	NC	Non-Tidal Freshwater Marsh	Low	Riverine	4.2
WDX	NC	Hardwood Flat	Medium	Non-Riverine	10.0
WDY	NC	Basin Wetland	Low	Non-Riverine	0.4
WE	NC	Bottomland Hardwood Forest	High	Riverine	0.8
WEA	NC	Bottomland Hardwood Forest	High	Riverine	0.1
WEC	NC	Bottomland Hardwood Forest	High	Riverine	0.1
WED	NC	Bottomland Hardwood Forest	High	Riverine	4.1
WEE	NC	Riverine Swamp Forest	High	Riverine	0.7
WEF	NC	Bottomland Hardwood Forest	High	Riverine	1.0
WEG	NC	Basin Wetland	Low	Non-Riverine	0.2
WEH	NC	Bottomland Hardwood Forest	High	Riverine	2.6
WEI	NC	Pine Flat	High	Non-Riverine	0.5
WEJ	NC	Bottomland Hardwood Forest	High	Riverine	7.8
WEK	NC	Bottomland Hardwood Forest	High	Riverine	5.8

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WHBD	SC	Non-Riverine Swamp Forest	Medium	Non-Riverine	13.4
WHBE	SC	Headwater Forest	High	Riverine	0.7
WHBF	SC	Headwater Forest	High	Riverine	<0.1
WHBG	SC	Headwater Forest	Low	Riverine	2.9
WHBH	SC	Headwater Forest	Low	Riverine	0.8
WHBI	SC	Headwater Forest	Low	Riverine	16.4
WHBJ	SC	Headwater Forest	Medium	Riverine	2.1
WHBK	SC	Headwater Forest	Medium	Riverine	0.2
WHBM	SC	Headwater Forest	Medium	Riverine	3.6
WHBN	SC	Headwater Forest	Low	Riverine	4.6
WHBO	SC	Headwater Forest	Low	Riverine	18.1
WHBP	SC	Headwater Forest	High	Riverine	13.1
WHBQ	SC	Headwater Forest	High	Riverine	0.1
WHBR	SC	Headwater Forest	High	Riverine	0.4
WHBS	SC	Headwater Forest	High	Riverine	6.1
WHBT	SC	Basin Wetland	Medium	Non-Riverine	0.3
WHBV	SC	Basin Wetland	Medium	Non-Riverine	0.1
WHBW	SC	Headwater Forest	High	Riverine	1.7
WHBX	SC	Headwater Forest	High	Riverine	5.0
WHBY	SC	Headwater Forest	High	Riverine	0.1
WHBZ	SC	Headwater Forest	High	Riverine	0.1
WHCA	SC	Headwater Forest	Low	Riverine	1.0
WHCB	SC	Headwater Forest	High	Riverine	0.3
WHCC	SC	Headwater Forest	High	Riverine	3.3
WHCD	SC	Headwater Forest	High	Riverine	0.3
WHCE	SC	Headwater Forest	Medium	Riverine	1.5
WHCF	SC	Headwater Forest	Medium	Riverine	2.2
WHCG	SC	Basin Wetland	Medium	Non-Riverine	0.3
WHCH	SC	Headwater Forest	High	Riverine	5.1
WHCI	SC	Basin Wetland	Low	Non-Riverine	0.5
WHCJ	SC	Headwater Forest	High	Riverine	0.8
WHCK	NC	Basin Wetland	Medium	Non-Riverine	1.3
WHCL	NC	Basin Wetland	Medium	Non-Riverine	0.4
WHCM	SC	Headwater Forest	High	Riverine	31.4

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WHCN	SC	Headwater Forest	High	Riverine	0.1
WHEA	SC	Non-Tidal Freshwater Marsh	Medium	Riverine	0.4
WHEB	SC	Basin Wetland	Low	Non-Riverine	<0.1
WHEC	SC	Pine Flat	Medium	Non-Riverine	29.3
WHED	SC	Headwater Forest	High	Riverine	0.4
WHEE	SC	Pine Flat	Low	Non-Riverine	1.9
WHEF	SC	Pine Flat	Low	Non-Riverine	0.9
WHEG	SC	Hardwood Flat	High	Non-Riverine	0.3
WHEH	SC	Headwater Forest	Low	Riverine	1.5
WHEI	SC	Non-Riverine Swamp Forest	High	Non-Riverine	0.2
WHEJ	SC	Pine Flat	Low	Non-Riverine	0.7
WHEK	SC	Pine Flat	High	Non-Riverine	4.8
WHEL	SC	Non-Riverine Swamp Forest	High	Non-Riverine	1.9
WHEM	SC	Pine Flat	High	Non-Riverine	24.4
WHEN	SC	Pine Flat	High	Non-Riverine	0.3
WHEO	SC	Pine Flat	High	Non-Riverine	14.6
WHEP	SC	Pine Flat	Medium	Non-Riverine	0.7
WHEQ	SC	Pine Flat	High	Non-Riverine	0.1
WHER	SC	Pine Flat	Low	Non-Riverine	0.1
WHES	SC	Pine Flat	Low	Non-Riverine	0.5
WHEU	SC	Pine Flat	Low	Non-Riverine	0.2
WHEV	SC	Pine Flat	Low	Non-Riverine	2.7
WHEW	SC	Pine Flat	Low	Non-Riverine	1.9
WHEX	SC	Pine Flat	Medium	Non-Riverine	0.1
WHEY	SC	Pine Flat	High	Non-Riverine	0.5
WHEZ	SC	Pine Flat	Medium	Non-Riverine	1.2
WHFA	SC	Pine Flat	Medium	Non-Riverine	0.5
WHFB	SC	Pine Flat	Medium	Non-Riverine	1.7
WHFC	SC	Pine Flat	High	Non-Riverine	19.2
WHFD	SC	Pine Flat	High	Non-Riverine	33.7
WHFE	SC	Pine Flat	High	Non-Riverine	4.3
WHFF	SC	Basin Wetland	Medium	Non-Riverine	0.4
WHFG	SC	Pine Flat	High	Non-Riverine	0.3
WHFH	SC	Pine Flat	High	Non-Riverine	1.5

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WHFI	SC	Pine Flat	High	Non-Riverine	10.6
WHIA	SC	Hardwood Flat	Medium	Non-Riverine	0.6
WHIB	SC	Headwater Forest	High	Riverine	15.9
WHIC	SC	Headwater Forest	Low	Riverine	<0.1
WHID	SC	Headwater Forest	Low	Riverine	<0.1
WHIE	SC	Headwater Forest	Low	Riverine	0.2
WHIF	SC	Basin Wetland	Low	Non-Riverine	0.4
WHIG	SC	Basin Wetland	High	Non-Riverine	0.7
WHIH	SC	Riverine Swamp Forest	High	Riverine	1.1
WHIJ	SC	Bottomland Hardwood Forest		Riverine	0.2
WHIK	SC	Headwater Forest	High	Riverine	0.9
WHIL	NC	Riverine Swamp Forest	High	Riverine	1.7
WHIM	NC	Pine Flat	Medium	Non-Riverine	3.3
WHIN	NC	Non-Tidal Freshwater Marsh	Low	Riverine	0.8
WHIO	NC	Non-Tidal Freshwater Marsh	Low	Riverine	0.4
WHIP	NC	Bottomland Hardwood Forest	Low	Riverine	1.5
WHIQ	NC	Bottomland Hardwood Forest	Medium	Riverine	0.6
WHIR	NC	Bottomland Hardwood Forest	Medium	Riverine	0.7
WHIS	NC	Bottomland Hardwood Forest	High	Riverine	1.0
WHIT	NC	Bottomland Hardwood Forest	High	Riverine	0.7
WHIU	NC	Bottomland Hardwood Forest	Medium	Riverine	0.1
WHIV	NC	Riverine Swamp Forest	Medium	Riverine	2.5
WHIW	NC	Bottomland Hardwood Forest	High	Riverine	2.0
WHIX	NC	Riverine Swamp Forest	High	Riverine	7.7
WHIY	NC	Headwater Forest	Medium	Riverine	0.4
WHJA	NC	Riverine Swamp Forest	Medium	Riverine	2.1
WHJB	NC	Riverine Swamp Forest	High	Riverine	1.5
WHJC	NC	Headwater Forest	High	Riverine	59.4
WHMA	SC	Non-Tidal Freshwater Marsh	Medium	Riverine	<0.1
WHMB	SC	Non-Tidal Freshwater Marsh	Medium	Riverine	<0.1
WHMC	SC	Headwater Forest	Low	Riverine	0.2
WHMD	SC	Headwater Forest	Low	Riverine	4.2
WHME	SC	Non-Tidal Freshwater Marsh	Medium	Riverine	5.4
WHMF	SC	Basin Wetland	High	Non-Riverine	2.5

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WHMH	SC	Pine Flat	Medium	Non-Riverine	1.6
WHMI	SC	Pine Flat	Low	Non-Riverine	0.5
WHMJ	SC	Floodplain Pool	Medium	Riverine	0.1
WHMK	SC	Pine Flat	Low	Non-Riverine	0.1
WHML	SC	Pocosin	High	Non-Riverine	4.5
WHMM	SC	Pine Flat	Low	Non-Riverine	20.6
WHMN	SC	Hardwood Flat	High	Non-Riverine	0.7
WHMO	SC	Pocosin	High	Non-Riverine	27.4
WHMP	SC	Pine Flat	Medium	Non-Riverine	0.1
WHQA	NC	Basin Wetland	High	Non-Riverine	3.0
WHQE	NC	Basin Wetland	High	Non-Riverine	6.3
WHQG	SC	Basin Wetland	Medium	Non-Riverine	0.7
WHQI	NC	Basin Wetland	Medium	Non-Riverine	0.2
WHQJ	NC	Basin Wetland	Medium	Non-Riverine	0.2
WHQK	SC	Basin Wetland	Medium	Non-Riverine	0.1
WHUB	NC	Riverine Swamp Forest	High	Riverine	19.5
WHUC	NC	Riverine Swamp Forest	High	Riverine	1.2
WHUD	NC	Basin Wetland	High	Non-Riverine	5.7
WHUG	NC	Basin Wetland	Low	Non-Riverine	1.5
WHUH	NC	Basin Wetland	Low	Non-Riverine	0.1
WHUI	NC	Basin Wetland	Medium	Non-Riverine	<0.1
WHUJ	NC	Seep	High	Non-Riverine	1.8
WHUL	NC	Basin Wetland	High	Non-Riverine	2.3
WHUM	NC	Seep	High	Non-Riverine	0.8
WI	NC	Riverine Swamp Forest	Medium	Riverine	6.4
WJ	NC	Hardwood Flat	Low	Non-Riverine	1.2
WL	NC	Floodplain Pool	Low	Riverine	0.1
WM	NC	Bottomland Hardwood Forest	High	Riverine	60.9
WN	NC	Bottomland Hardwood Forest	Medium	Riverine	0.5
WO	NC	Bottomland Hardwood Forest	Medium	Riverine	1.6
WP	SC	Riverine Swamp Forest	High	Riverine	4.9
WQ	NC	Floodplain Pool	High	Riverine	0.2
WR	NC	Floodplain Pool	High	Riverine	0.5
WS	NC	Floodplain Pool	High	Riverine	0.4
WS	SC	Floodplain Pool	High	Riverine	0.4

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WT	NC	Headwater Forest	Low	Riverine	0.2
WU	NC	Floodplain Pool	Low	Riverine	0.2
WV	NC	Floodplain Pool	High	Riverine	0.1
WVAA	NC	Pocosin	High	Non-Riverine	1.3
WVAB	NC	Pocosin	High	Non-Riverine	5.9
WVAD	NC	Headwater Forest	Medium	Riverine	1.2
WVAE	NC	Headwater Forest	Medium	Riverine	1.1
WVAF	NC	Headwater Forest	Medium	Riverine	6.1
WVAG	NC	Headwater Forest	Medium	Riverine	0.1
WVAH	NC	Headwater Forest	Low	Riverine	0.7
WVAI	NC	Headwater Forest	Medium	Riverine	1.7
WVAJ	NC	Headwater Forest	High	Riverine	0.4
WVAK	NC	Headwater Forest	Medium	Riverine	0.4
WVAL	NC	Headwater Forest	High	Riverine	4.2
WVAM	NC	Headwater Forest	High	Riverine	1.9
WVAN	NC	Headwater Forest	High	Riverine	1.9
WVAP	NC	Headwater Forest	High	Riverine	8.7
WVAQ	NC	Basin Wetland	Medium	Non-Riverine	0.1
WVAR	NC	Riverine Swamp Forest	High	Riverine	6.0
WVAS	NC	Basin Wetland	Low	Non-Riverine	0.1
WVAT	NC	Headwater Forest	High	Riverine	1.2
WVAV	NC	Basin Wetland	Medium	Non-Riverine	0.7
WVAW	NC	Headwater Forest	High	Riverine	0.3
WVAY	NC	Headwater Forest	Low	Riverine	0.2
WVAZ	NC	Headwater Forest	Low	Riverine	0.1
WVBA	NC	Headwater Forest	High	Riverine	1.9
WVBC	NC	Headwater Forest	High	Riverine	0.3
WVBD	NC	Headwater Forest	High	Riverine	1.9
WVBE	NC	Headwater Forest	High	Riverine	3.4
WVBF	NC	Headwater Forest	High	Riverine	1.0
WVBG	NC	Headwater Forest	High	Riverine	13.6
WVBH	NC	Headwater Forest	Low	Riverine	0.1
WVBK	NC	Riverine Swamp Forest	High	Riverine	2.3
WVBK	NC	Headwater Forest	High	Riverine	2.7

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WVBL	NC	Headwater Forest	High	Riverine	1.4
WVBM	NC	Headwater Forest	High	Riverine	0.8
WVBO	NC	Headwater Forest	High	Riverine	0.1
WVBP	NC	Headwater Forest	Medium	Riverine	0.2
WVBQ	NC	Headwater Forest	Medium	Riverine	0.8
WVBR	NC	Bottomland Hardwood Forest	High	Riverine	3.5
WVBS	NC	Headwater Forest	Low	Riverine	0.7
WVBT	NC	Basin Wetland	High	Non-Riverine	0.6
WVBU	NC	Basin Wetland	Low	Non-Riverine	0.2
WVBW	NC	Pine Savanna	High	Non-Riverine	17.4
WVBX	NC	Headwater Forest	High	Riverine	0.1
WVBY	NC	Bottomland Hardwood Forest	High	Riverine	5.7
WVBZ	NC	Headwater Forest	High	Riverine	5.7
WVCA	NC	Headwater Forest	High	Riverine	0.2
WVCB	NC	Bottomland Hardwood Forest	High	Riverine	13.2
WVCC	NC	Headwater Forest	Low	Riverine	0.5
WVCE	NC	Bottomland Hardwood Forest	High	Riverine	6.2
WVCG	NC	Headwater Forest	Low	Riverine	0.4
WVCH	NC	Headwater Forest	High	Riverine	45.8
WVCI	NC	Headwater Forest	Medium	Riverine	9.9
WVCJ	NC	Headwater Forest	Low	Riverine	89.5
WVCK	NC	Headwater Forest	Low	Riverine	55.4
WVCL	NC	Headwater Forest	High	Riverine	15.3
WVCM	NC	Headwater Forest	High	Riverine	1.4
WVDA	NC	Basin Wetland	Low	Non-Riverine	<0.1
WVDB	NC	Headwater Forest	Low	Riverine	77.1
WVDC	NC	Pocosin	High	Non-Riverine	2.2
WVDD	NC	Headwater Forest	High	Riverine	1.1
WW	SC	Floodplain Pool	Low	Riverine	<0.1
WX	NC	Basin Wetland	Low	Non-Riverine	<0.1
WY	NC	Bottomland Hardwood Forest	Low	Riverine	4.3
WYA	NC	Bottomland Hardwood Forest	Low	Riverine	<0.1
WZ	NC	Bottomland Hardwood Forest	Medium	Riverine	0.3
WZB	NC	Bottomland Hardwood Forest	Low	Riverine	0.3

Table E-3. Jurisdictional Characteristics of Wetlands within the Detailed Study Alternative Corridors (continued)

Wetland ID	State	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Area in Corridors (acres)
WZC	NC	Bottomland Hardwood Forest	Low	Riverine	0.2
WZD	NC	Bottomland Hardwood Forest	Medium	Riverine	4.5
WZE	NC	Pocosin	High	Non-Riverine	22.8
WZF	NC	Riverine Swamp Forest	High	Riverine	8.3
WZG	NC	Riverine Swamp Forest	High	Riverine	0.7
WZH	NC	Riverine Swamp Forest	High	Riverine	1.1
WZI	NC	Riverine Swamp Forest	High	Riverine	0.6
WZJ	NC	Basin Wetland	Low	Non-Riverine	0.2
WZK	NC	Bottomland Hardwood Forest	Medium	Riverine	14.6
WZL	NC	Riverine Swamp Forest	High	Riverine	4.4
B5996-W1 ³	NC	N/A	N/A	N/A	0.2
B5996-W2 ³	NC	N/A	N/A	N/A	0.1
B5996-W3 ³	NC	N/A	N/A	N/A	0.1
B5996-W4 ³	NC	N/A	N/A	N/A	0.1
R5857A-W1 ³	NC	N/A	N/A	N/A	0.5
R5857A-W2 ³	NC	N/A	N/A	N/A	<0.1
B5996-W3 ³	NC	N/A	N/A	N/A	0.1
B5996-W4 ³	NC	N/A	N/A	N/A	0.1
R5857A-W1 ³	NC	N/A	N/A	N/A	0.5
R5857A-W2 ³	NC	N/A	N/A	N/A	<0.1
R5857A-W3 ³	NC	N/A	N/A	N/A	0.5
R5857A-W4 ³	NC	N/A	N/A	N/A	0.2
W5601GA-W1 ³	NC	N/A	N/A	N/A	0.3
W5703H-W1 ³	NC	N/A	N/A	N/A	1.2
W5703H-W2 ³	NC	N/A	N/A	N/A	0.2
Total Acreage in Corridors					1,580.0

¹NCWAM – North Carolina Wetland Assessment Method.

²USACE wetland determination forms and NCWAM forms for each site are included in a separate Jurisdictional Determination (JD) Package.

³Delineation data for these wetlands was previously verified as part of a separate NCDOT STIP project.

Table E-4. Individual Stream Impacts for Detailed Study Alternatives

Stream ID ¹	Figure 23 Sheet No.	Detailed Study Alternatives	Stream Impact (feet) ²	Compensatory Mitigation Required ^{3,4}	Stream Determination
South Carolina					
SHAA	1	1,1A,2,4,4A,7,8	337	Yes	Intermittent
SHAB	1	1,1A,2,4,4A,7,8	1,1A,2 – 317; 4,4A,7 – 298; 8 – 246	Yes	Intermittent
SHAD	1	8	308	Yes	Intermittent
SHAE	11	1,1A,2,4,4A,7,8	1,1A,2,4,4A,7 – 421; 8 – 1,723	Yes	Perennial
SHAF	11,12	8	1,030	Yes	Perennial
SHAI	12	8	285	Yes	Perennial
SHAK	12	8	349	Yes	Intermittent
SHAL	12	8	29	Yes	Perennial
SHEB	1,2	1,1A,2,4,4A,7	1,1A,2 – 247; 4,4A,7 – 359	Yes	Intermittent
SHED	2	1,1A,2	405	Yes	Intermittent
SHEE	2,11	4,4A,7	300	Yes	Intermittent
SHIC	2	1,1A,2	457	Yes	Perennial
SHID	2	1,1A,2	1,397	Yes	Intermittent
SHIE	2	1,1A,2	599	Yes	Intermittent
SHIF	2	1,1A,2,4,4A,7,8	1,1A,2 – 590; 4,4A,7 – 224; 8 – 166	Yes	Intermittent
SHMB	2	4,4A,7	340	Yes	Intermittent
SHMC	2	4,4A,7	255	Yes	Intermittent
SHQA	3	7	270	Yes	Perennial
Bellamy Branch ⁵	2	1,1A,2,4,4A,7,8	139	Yes	Perennial
North Carolina					
Earnest Branch	5	1,1A,4,4A	25	Yes	Perennial
Hickman's Branch	3	1,1A,2,4,4A	1,1A – 474; 2 – 456; 4,4A – 481	Yes	Perennial
Little Cawcaw Swamp	14,4A	2,7,8	2 – 383; 7 – 964; 8 – 2,018	Yes	Perennial
Lookout Branch	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 68; 1A,4A – 86	Yes	Perennial
McMilly Swamp	9	1,1A,2,4,4A,7,8	1,2,4,7,8 – 555; 1A,4A – 417	Yes	Perennial

Table E-4. Individual Stream Impacts for Detailed Study Alternatives (continued)

Stream ID ¹	Figure 23 Sheet No.	Detailed Study Alternatives	Stream Impact (feet) ²	Compensatory Mitigation Required ^{3,4}	Stream Determination
SA	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 85; 1A,4A – 81	Yes	Intermittent
Mulberry Branch	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 125; 1A,4A – 128	Yes	Perennial
SAB	5,6	1,1A,4,4A	471	Yes	Perennial
SAC	5	1,1A,4,4A	301	Yes	Perennial
SAE	14	7,8	7 – 102; 8 – 105	Yes	Perennial
SAF	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 157; 1A,4A – 799	Yes	Intermittent
SAF	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 40; 1A,4A – 82	Yes	Perennial
SAG	5	1,1A,4,4A	43	Yes	Intermittent
SAN	6	1,1A,4,4A	1,4 – 30; 1A,4A – 53	Yes	Perennial
SAP	4,4A	1,1A,2,4,4A,7	1,1A,4,4A,7 – 34; 2 – 375	Yes	Intermittent
SB	14	2	93	Yes	Perennial
SBB	4	1,1A,4,4A	505	Yes	Perennial
SBH	15	1,4	1,668	Yes	Perennial
SBM	6	1,4	52	Yes	Intermittent
SBM	6	1,4	50	Yes	Perennial
SBQ	10	1,1A,2,4,4A,7,8	1,2,4,7,8 – 62; 1A,4A – 79	Yes	Intermittent
SBS	9	1A,4A	56	Yes	Intermittent
SBT	9	1A,4A	560	Yes	Perennial
SCC	9	1A,4A	415	Yes	Perennial
SCF	6	1,4	255	Yes	Intermittent
SCF	6	1,1A,4,4A	1,4 – 1,834; 1A,4A – 756	Yes	Perennial
SDJ	9	1A,4A	549	Yes	Perennial
SDK	9	1,2,4,7,8	482	Yes	Perennial
SHIG	12,13	8	595	Yes	Perennial
Shingletree Swamp	13	1,1A,2,4,4A,7,8	1,1A,2,4,4A,7 – 103; 8 – 459	Yes	Perennial
SHIM	12	8	210	Yes	Perennial

Table E-4. Individual Stream Impacts for Detailed Study Alternatives (continued)

Stream ID ¹	Figure 23 Sheet No.	Detailed Study Alternatives	Stream Impact (feet) ²	Compensatory Mitigation Required ^{3,4}	Stream Determination
SVAB	8,16	1,2,4,7,8	283	Yes	Perennial
SVAC	16	1,2,4,7,8	188	Yes	Intermittent
SVAC	16	1,2,4,7,8	28	Yes	Perennial
SVAD	9	1,2,4,7,8	72	Yes	Perennial
Cool Run	16	1,2,4,7,8	256	Yes	Perennial
SVAG	15	1,2,4,7,8	1,4 – 328; 2,7,8 – 298	Yes	Perennial
Shallotte River	15	1,2,4,7,8	1,4 – 331; 2,7,8 – 257	Yes	Perennial
SVAI	15	1,4	244	Yes	Perennial
SVAL	7	1A,4A	56	Yes	Perennial
SVAM	7	1A,4A	207	Yes	Perennial
SVAN	7	1A,4A	512	Yes	Intermittent
SVAO	7	1A,4A	370	Yes	Perennial
SVBE	15	1,2,4,7,8	173	Yes	Perennial
SVBF	15	1,2,4,7,8	1,4 – 122; 2,7,8 – 297	Yes	Perennial
SVBH	7	1,4	467	Yes	Perennial
SVBJ	8	1A,4A	103	Yes	Perennial
W5703H-S1 ⁶	14	2,8	2 – 121; 8 – 45	Yes	Perennial

¹North Carolina Stream Assessment Method (NCSAM) (for impaired streams), NCDWR stream identification forms (NC), and USACE Stream Quality Assessment forms (SC) are included in separate Jurisdictional Determination (JD) Packages.

²Impacts are for all Detailed Study Alternatives listed unless otherwise noted. Impact calculations are based on functional design slope stake limits plus 40-foot buffer.

³All streams within the corridors have been designated as warm water streams for the purposes of stream mitigation.

⁴Regulatory agencies have evaluated these stream features and determined that compensatory mitigation for the purpose of offsetting losses of these aquatic resources resulting from activities authorized by their permits is required.

⁵Stream identification form pending for this section of Bellamy Branch. Additional stream surveys will be required for the portion of CP1 – S1 that is outside the footprint of the Detailed Study Alternatives in South Carolina.

⁶Delineation data for this stream was previously verified as part of a separate NCDOT STIP project.

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
South Carolina						
WDB	3	1,1A,2	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WDD	3	1,1A,2	Bottomland Hardwood Forest	High	Riverine	2.0
WHAA	1	1,1A,2,4,4A,7,8	Headwater Forest	Medium	Riverine	0.9
WHAB	1	1,1A,2,4,4A,7,8	Headwater Forest	Medium	Riverine	0.4
WHAC	1	1,1A,2,4,4A,7,8	Basin Wetland	Medium	Non-Riverine	0.4
WHAK	1	1,1A,2,4,4A,7,8	Hardwood Flat	Medium	Non-Riverine	1,1A,2 – 3.8; 4,4A,7 – 7.6; 8 – 2.0
WHAN	1	1,1A,2,4,4A,7	Basin Wetland	Medium	Non-Riverine	1,1A,2 – 0.3; 4,4A,7 – 0.1
WHAO	1	8	Pine Flat	Medium	Non-Riverine	0.8
WHAX	1	8	Basin Wetland	High	Non-Riverine	1.7
WHAY	1	8	Pocosin	Medium	Non-Riverine	3.3
WHAZ	1	8	Riverine Swamp Forest	High	Riverine	0.4
WHBA	1	8	Basin Wetland	High	Non-Riverine	0.3
WHBB	1	8	Basin Wetland	High	Non-Riverine	0.1
WHBD	1	8	Non-Riverine Swamp Forest	Medium	Non-Riverine	4.8
WHBG	11	8	Headwater Forest	Low	Riverine	1.5
WHBI	11	1,1A,2,4,4A,7,8	Headwater Forest	Low	Riverine	1,1A,2,4,4A,7 – 0.2; 8 – 2.9
WHBJ	11	1,1A,2,4,4A,7,8	Headwater Forest	Medium	Riverine	0.2
WHBM	11	1,1A,2,4,4A,7,8	Headwater Forest	Medium	Riverine	1,1A,2,4,4A,7 – <0.1; 8 – 0.5
WHBN	11	8	Headwater Forest	Low	Riverine	0.1
WHBO	11	8	Headwater Forest	Low	Riverine	5.3
WHBP	11	8	Headwater Forest	High	Riverine	2.4
WHBS	11	8	Headwater Forest	High	Riverine	2.8
WHBX	11	8	Headwater Forest	High	Riverine	1.2
WHBY	12	8	Headwater Forest	High	Riverine	<0.1
WHCA	11	8	Headwater Forest	Low	Riverine	0.1

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WHCD	12	8	Headwater Forest	High	Riverine	0.1
WHCE	12	8	Headwater Forest	Medium	Riverine	1.0
WHCF	12	8	Headwater Forest	Medium	Riverine	0.1
WHCH	12	8	Headwater Forest	High	Riverine	0.7
WHCI	12	8	Basin Wetland	Low	Non-Riverine	0.2
WHCM	3,3A	4,4A,7	Headwater Forest	High	Riverine	4,4A – 10.4; 7 – 2.5
WHEC	1	1,1A,2,4,4A,7	Pine Flat	Medium	Non-Riverine	1,1A,2 – 3.4; 4,4A,7 – 4.3
WHEE	1	1,1A,2,4,4A,7	Pine Flat	Low	Non-Riverine	1,1A,2 – <0.1; 4,4A,7 – 1.1
WHEF	2	1,1A,2	Pine Flat	Low	Non-Riverine	0.4
WHEG	1	1,1A,2	Hardwood Flat	High	Non-Riverine	0.3
WHEK	2	1,1A,2	Pine Flat	High	Non-Riverine	2.0
WHEL	2	1,1A,2	Non-Riverine Swamp Forest	High	Non-Riverine	1.3
WHEM	2	1,1A,2	Pine Flat	High	Non-Riverine	12.7
WHEO	2	1,1A,2	Pine Flat	High	Non-Riverine	6.6
WHEP	2	1,1A,2	Pine Flat	Medium	Non-Riverine	0.5
WHEQ	2	1,1A,2	Pine Flat	High	Non-Riverine	<0.1
WHES	2	1,1A,2	Pine Flat	Low	Non-Riverine	0.2
WHEU	2	1,1A,2	Pine Flat	Low	Non-Riverine	0.2
WHEV	2	1,1A,2,4,4A,7,8	Pine Flat	Low	Non-Riverine	1,1A,2 – 0.9; 4,4A,7 – 0.2; 8 – 0.1
WHEW	2	1,1A,2	Pine Flat	Low	Non-Riverine	1.2
WHEZ	2	1,1A,2	Pine Flat	Medium	Non-Riverine	<0.1
WHFC	2	4,4A,7	Pine Flat	High	Non-Riverine	4,4A – 4.6; 7 – 4.7
WHFD	2	4,4A,7	Pine Flat	High	Non-Riverine	5.7
WHFE	2	4,4A,7	Pine Flat	High	Non-Riverine	1.1
WHFI	3,3A	4,4A,7	Pine Flat	High	Non-Riverine	4,4A – 2.4; 7 – 3.5

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WHIB	2	1,1A,2	Headwater Forest	High	Riverine	2.0
WHIG	2	1,1A,2	Basin Wetland	High	Non-Riverine	<0.1
WHIH	2	1,1A,2	Riverine Swamp Forest	High	Riverine	0.9
WHIK	2	1,1A,2	Headwater Forest	High	Riverine	<0.1
WHMD	1	1,1A,2,4,4A,7,8	Headwater Forest	Low	Riverine	1,1A,2,8 – 1.1; 4,4A,7 – 1.2
WHME	1	1,1A,2,4,4A,7,8	Non-Tidal Freshwater Marsh	Medium	Riverine	0.4
WHMF	1	1,1A,2,4,4A,7,8	Basin Wetland	High	Non-Riverine	<0.1
WHMI	1	4,4A,7	Pine Flat	Low	Non-Riverine	<0.1
WHMJ	2	4,4A,7	Floodplain Pool	Medium	Riverine	0.1
WHMM	2	4,4A,7	Pine Flat	Low	Non-Riverine	6.5
WHMO	2	4,4A,7,8	Pocosin	High	Non-Riverine	4,4A,7 – 8.9; 8 – 2.1
WHMP	11	8	Pine Flat	Medium	Non-Riverine	0.1
WHQG	3	7	Basin Wetland	Medium	Non-Riverine	0.2
WP	3	1,1A,2	Riverine Swamp Forest	High	Riverine	1.8
Modeled	11	1,1A,2,4,4A,7,8	Unavailable	Unavailable	Unavailable	1.3
North Carolina						
WA	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	High	Riverine	0.2
WAA	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	Low	Riverine	1,2,4,7,8 – 0.9; 1A,4A – 2.4
WAH	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	Low	Riverine	1,2,4,7,8 – 0.4; 1A,4A – 3.0
WAI	10	1A,4A	Bottomland Hardwood Forest	Low	Riverine	0.1
WAK	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	Low	Riverine	<0.1
WAM	4,4A	1,1A,2,4,4A,7	Bottomland Hardwood Forest	High	Riverine	1,1A,4,4A,7 – 0.1; 2 – 2.5
WAO	13	2,8	Pine Flat	High	Non-Riverine	2 – 1.6; 8 – 1.7
WAP	14	7	Basin Wetland	Low	Non-Riverine	<0.1

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WAQ	13	2,7,8	Bottomland Hardwood Forest	Low	Riverine	2 – 0.1; 7 – 2.8; 8 – 0.4
WAR	4	2,7	Pine Flat	Low	Non-Riverine	2 – 15.3; 7 – 4.9
WAT	14	2,7,8	Pine Flat	High	Non-Riverine	2 – 0.1; 7 – 8.6; 8 – 10.1
WAV	14	8	Bottomland Hardwood Forest	Medium	Riverine	0.4
WAX	14	2	Floodplain Pool	Low	Riverine	<0.1
WAY	5	1,1A,4,4A	Bottomland Hardwood Forest	Medium	Riverine	0.2
WAZ	14	2	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WB	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	Medium	Riverine	0.1
WBA	15	1,2,4,7,8	Hardwood Flat	High	Non-Riverine	0.1
WBB	4,3A	1,1A,2,4,4A,7	Riverine Swamp Forest	Low	Riverine	1,1A – 2.0; 2 – 0.4; 4,4A – 2.1; 7 – 0.1
WBC	4,3A	1,1A,2,4,4A,7	Riverine Swamp Forest	Low	Riverine	1,1A – 1.8; 2 – 0.2; 4,4A – 2.2; 7 – 0.1
WBE	4	1,1A,4,4A	Bottomland Hardwood Forest	High	Riverine	0.5
WBF	4	1,1A,2,4,4A	Bottomland Hardwood Forest	High	Riverine	1,1A 4,4A – 18.2; 2 – 2.2
WBJ	5	1,1A,4,4A	Bottomland Hardwood Forest	Medium	Riverine	0.1
WBK	14,4A	1,1A,2,4,4A,7,8	Pine Flat	Low	Non-Riverine	1,1A,4,4A,7 – 0.4; 2 – 1.6; 8 – 0.1
WBL	5	1,1A,4,4A	Pine Flat	High	Non-Riverine	2.7
WBM	7	1A,4A	Floodplain Pool	Low	Riverine	<0.1
WBN	6	1,1A,4,4A	Pine Flat	Medium	Non-Riverine	1,4 – 2.7; 1A,4A – 0.9
WBO	6	1,1A,4,4A	Pine Flat	Medium	Non-Riverine	1,4 – 0.9; 1A,4A – 0.8
WBQ	14	2,7,8	Pine Flat	Low	Non-Riverine	1.8

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WBR	14	2,7,8	Pine Flat	Low	Non-Riverine	0.4
WBS	14	2,7,8	Pine Flat	Low	Non-Riverine	1.9
WBT	14	2,7,8	Hardwood Flat	Low	Non-Riverine	2,8– 1.5; 7 – 1.4
WBU	14	2,7,8	Bottomland Hardwood Forest	Medium	Riverine	2 – 1.1; 7 – 0.1; 8 – 0.2
WBVW	7	1,4	Floodplain Pool	Low	Riverine	2.56
WBX	14	2	Bottomland Hardwood Forest	High	Riverine	0.5
WC	10	1,1A,2,4,4A,7,8	Riverine Swamp Forest	High	Riverine	1,2,4,7,8 – 0.3; 1A,4A – 0.2
WCC	15	1,4	Floodplain Pool	Low	Riverine	0.1
WCF	15	2,7,8	Bottomland Hardwood Forest	Medium	Riverine	0.1
WCH	15	2,7,8	Pocosin	High	Non-Riverine	11.7
WCK	9	1A,4A	Non-Tidal Freshwater Marsh	High	Riverine	0.2
WCM	6	1,1A,4,4A	Bottomland Hardwood Forest	High	Riverine	1,4 – 1.2; 1A,4A – 0.3
WCN	6	1,1A,4,4A	Bottomland Hardwood Forest	High	Riverine	<0.1
WCQ	9	1A,4A	Pine Flat	Low	Non-Riverine	0.2
WCR	9	1A,4A	Pine Flat	Low	Non-Riverine	0.1
WCT	10	1A,4A	Pine Flat	Low	Non-Riverine	0.1
WCU	10	1A,4A	Pine Flat	Low	Non-Riverine	0.1
WCV	9	1,1A,2,4,4A,7,8	Headwater Forest	High	Riverine	<0.1
WCX	9	1A,4A	Bottomland Hardwood Forest	High	Riverine	<0.1
WD	6	1,1A,4,4A	Hardwood Flat	High	Non-Riverine	1,4 – 3.0; 1A,4A – 0.4
WDA	3	1,1A,2,4,4A	Bottomland Hardwood Forest	Medium	Riverine	1,1A,4,4A – 0.1; 2 – 0.5
WDF	4,4A	1,1A,2,4,4A,7	Bottomland Hardwood Forest	High	Riverine	1,1A,4,4A,7 – <0.1; 2 – 10.6

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WDH	14	8	Floodplain Pool	Medium	Riverine	0.1
WDI	5	1,1A,4,4A	Bottomland Hardwood Forest	Medium	Riverine	3.3
WDJ	6	1,1A,4,4A	Pine Flat	Low	Non-Riverine	6.3
WDK	6	1,1A,4,4A	Pine Savanna	High	Non-Riverine	0.8
WDM	6	1,1A,4,4A	Riverine Swamp Forest	High	Riverine	2.4
WDQ	6	1,1A,4,4A	Riverine Swamp Forest	High	Riverine	1,4 – 2.7; 1A,4A – 2.5
WDR	14	2	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WDS	14	2	Bottomland Hardwood Forest	Medium	Riverine	0.1
WDT	14	2	Bottomland Hardwood Forest	Medium	Riverine	0.3
WDV	14	2	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WDW	6	1,1A,4,4A	Non-Tidal Freshwater Marsh	Low	Riverine	1,4 – 0.4; 1A,4A – 0.8
WDX	15	2,7,8	Hardwood Flat	Medium	Non-Riverine	0.4
WDY	14	2,7,8	Basin Wetland	Low	Non-Riverine	0.1
WE	9	1,2,4,7,8	Bottomland Hardwood Forest	High	Riverine	0.8
WEA	4	2	Bottomland Hardwood Forest	High	Riverine	0.1
WEC	14	2	Bottomland Hardwood Forest	High	Riverine	<0.1
WEG	14	2,7,8	Basin Wetland	Low	Non-Riverine	0.1
WEH	14	2,7,8	Bottomland Hardwood Forest	High	Riverine	<0.1
WEJ	9	1A,4A	Bottomland Hardwood Forest	High	Riverine	1.8
WEK	9	1A,4A	Bottomland Hardwood Forest	High	Riverine	0.4
WEP	9	1,2,4,7,8	Basin Wetland	Medium	Non-Riverine	0.4

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WH	10	1,1A,2,4,4A,7,8	Bottomland Hardwood Forest	Low	Riverine	1,2,4,7,8 – 0.3; 1A,4A – 0.6
WHCK	12	8	Basin Wetland	Medium	Non-Riverine	<0.1
WHCL	12	8	Basin Wetland	Medium	Non-Riverine	0.4
WHIL	12	8	Riverine Swamp Forest	High	Riverine	0.2
WHIM	12	8	Pine Flat	Medium	Non-Riverine	0.2
WHIO	13	8	Non-Tidal Freshwater Marsh	Low	Riverine	0.2
WHIP	13	8	Bottomland Hardwood Forest	Low	Riverine	<0.1
WHIQ	13	8	Bottomland Hardwood Forest	Medium	Riverine	0.4
WHIU	13	8	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WHIV	13	8	Riverine Swamp Forest	Medium	Riverine	0.7
WHJA	12	8	Riverine Swamp Forest	Medium	Riverine	2.1
WHJC	12	8	Headwater Forest	High	Riverine	20.4
WHQA	13	2,8	Basin Wetland	High	Non-Riverine	2 – 0.2; 8 – 0.6
WHQE	13	7	Basin Wetland	High	Non-Riverine	2.0
WHQJ	3	7	Basin Wetland	Medium	Non-Riverine	0.1
WHUB	13	7	Riverine Swamp Forest	High	Riverine	6.4
WHUC	13	7	Riverine Swamp Forest	High	Riverine	<0.1
WHUD	13	7	Basin Wetland	High	Non-Riverine	2.8
WHUG	13	7	Basin Wetland	Low	Non-Riverine	0.9
WHUJ	3	7	Seep	High	Non-Riverine	0.6
WHUL	12	8	Basin Wetland	High	Non-Riverine	2.3
WHUM	3	7	Seep	High	Non-Riverine	0.8
WI	9	1,1A,2,4,4A,7,8	Riverine Swamp Forest	Medium	Riverine	1,2,4,7,8 – 0.3; 1A,4A – 0.1

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WL	10	1,1A,2,4,4A,7,8	Floodplain Pool	Low	Riverine	1,2,4,7,8 – <0.1; 1A,4A – 0.1
WM	9	1,2,4,7,8	Bottomland Hardwood Forest	High	Riverine	10.6
WN	3,3A	1,1A,2	Bottomland Hardwood Forest	Medium	Riverine	0.5
WO	3	1,1A,2	Bottomland Hardwood Forest	Medium	Riverine	<0.1
WQ	3	1,1A,2	Floodplain Pool	High	Riverine	<0.1
WS	3	1,1A,2	Floodplain Pool	High	Riverine	0.3
WT	3,3A	1,1A,2	Headwater Forest	Low	Riverine	0.2
WV	3	1,1A,2	Floodplain Pool	High	Riverine	0.1
WVAA	8	1A,4A	Pocosin	High	Non-Riverine	0.3
WVAB	8	1A,4A	Pocosin	High	Non-Riverine	2.9
WVAF	16	1,2,4,7,8	Headwater Forest	Medium	Riverine	0.4
WVAJ	16	1,2,4,7,8	Headwater Forest	High	Riverine	0.3
WVAK	16	1,2,4,7,8	Headwater Forest	Medium	Riverine	0.4
WVAL	9	1,2,4,7,8	Headwater Forest	High	Riverine	0.4
WVAP	9	1,2,4,7,8	Headwater Forest	High	Riverine	4.5
WVAQ	16	1,2,4,7,8	Basin Wetland	Medium	Non-Riverine	<0.1
WVAR	16	1,2,4,7,8	Riverine Swamp Forest	High	Riverine	2.4
WVAT	16	1,2,4,7,8	Headwater Forest	High	Riverine	<0.1
WVBD	16	1,2,4,7,8	Headwater Forest	High	Riverine	0.1
WVBE	16	1,2,4,7,8	Headwater Forest	High	Riverine	0.3
WVBG	16	1,2,4,7,8	Headwater Forest	High	Riverine	6.4
WVBJ	16	1,2,4,7,8	Riverine Swamp Forest	High	Riverine	0.2
WVBR	15	1,2,4,7,8	Bottomland Hardwood Forest	High	Riverine	0.2
WVBS	15	1,4	Headwater Forest	Low	Riverine	<0.1
WVBT	15	1,2,4,7,8	Basin Wetland	High	Non-Riverine	0.6

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
WVBU	15	1,2,4,7,8	Basin Wetland	Low	Non-Riverine	1,4 – <0.1; 2,7,8 – 0.2
WVBW	7	1,1A,4,4A	Pine Savanna	High	Non-Riverine	1,4 – 3.2; 1A,4A – 8.5
WVBY	8	1A,4A	Bottomland Hardwood Forest	High	Riverine	3.0
WVBZ	8	1A,4A	Headwater Forest	High	Riverine	1.3
WVCB	15	1,2,4,7,8	Bottomland Hardwood Forest	High	Riverine	1,4 – 7.3; 2,7,8 – 3.4
WVCC	15	1,2,4,7,8	Headwater Forest	Low	Riverine	1,4 – 0.5; 2,7,8 – <0.1
WVCH	7	1A,4A	Headwater Forest	High	Riverine	7.4
WVCI	15	1,2,4,7,8	Headwater Forest	Medium	Riverine	1,4 – 7.6; 2,7,8 – 1.6
WVCJ	7	1A,4A	Headwater Forest	Low	Riverine	19.5
WVCK	7	1A,4A	Headwater Forest	Low	Riverine	15.4
WVCL	7	1A,4A	Headwater Forest	High	Riverine	5.9
WVCM	8	1A,4A	Headwater Forest	High	Riverine	0.5
WVDA	8	1A,4A	Basin Wetland	Low	Non-Riverine	<0.1
WVDB	8	1A,4A	Headwater Forest	Low	Riverine	28.9
WVDD	8	1A,4A	Headwater Forest	High	Riverine	0.7
WY	3	1,1A,2,4,4A	Bottomland Hardwood Forest	Low	Riverine	1,1A – 1.0; 2 – 0.6; 4,4A – 0.9
WZD	4,4A	1,1A,2,4,4A,7	Bottomland Hardwood Forest	Medium	Riverine	0.9
WZE	15	2,7,8	Pocosin	High	Non-Riverine	1.67
WZF	14	2,7,8	Riverine Swamp Forest	High	Riverine	2 – 0.80; 7 – 1.1; 8 – 2.9
WZI	14	2,7,8	Riverine Swamp Forest	High	Riverine	2 – 0.4; 7 – 0.3; 8 – 0.6
WZK	9	1A,4A	Bottomland Hardwood Forest	Medium	Riverine	7.8
B5996-W1 ⁵	4,3A	1,1A,4,4A	N/A	N/A	N/A	0.1

Table E-5. Individual Wetland Impacts for Detailed Study Alternatives (continued)

Wetland ID	Figure 23 Sheet No.	Detailed Study Alternatives	NCWAM Classification ^{1,2}	NCWAM Rating	Hydrologic Classification	Wetland Impacts (acres) ^{3,4}
B5996-W2 ⁵	4,3A	1,1A,4,4A	N/A	N/A	N/A	0.1
R5857A-W1 ⁵	9	1,2,4,7,8	N/A	N/A	N/A	0.3
R5857A-W2 ⁵	9	1,2,4,7,8	N/A	N/A	N/A	<0.1
R5857A-W3 ⁵	9	1,2,4,7,8	N/A	N/A	N/A	<0.1
R5857A-W4 ⁵	9	1,2,4,7,8	N/A	N/A	N/A	<0.1
W5601GA-W1 ⁵	14	2,7	N/A	N/A	N/A	2 – 0.3; 7 – 0.1
W5703H-W1 ⁵	14,4A	2	N/A	N/A	N/A	0.2

¹NCWAM – North Carolina Wetland Assessment Method.

²USACE wetland determination forms and NCWAM forms for each site are included in a separate Jurisdictional Determination (JD) Package.

³Impacts are for all Detailed Study Alternatives listed unless otherwise noted. Impact calculations are based on functional design slope stake limits plus 40-foot buffer.

⁴Additional wetland surveys will be required for the portion of CP1 – S1 that is outside the footprint of the Detailed Study Alternatives in South Carolina.

⁵Delineation data for these wetlands was previously verified as part of a separate NCDOT STIP project.