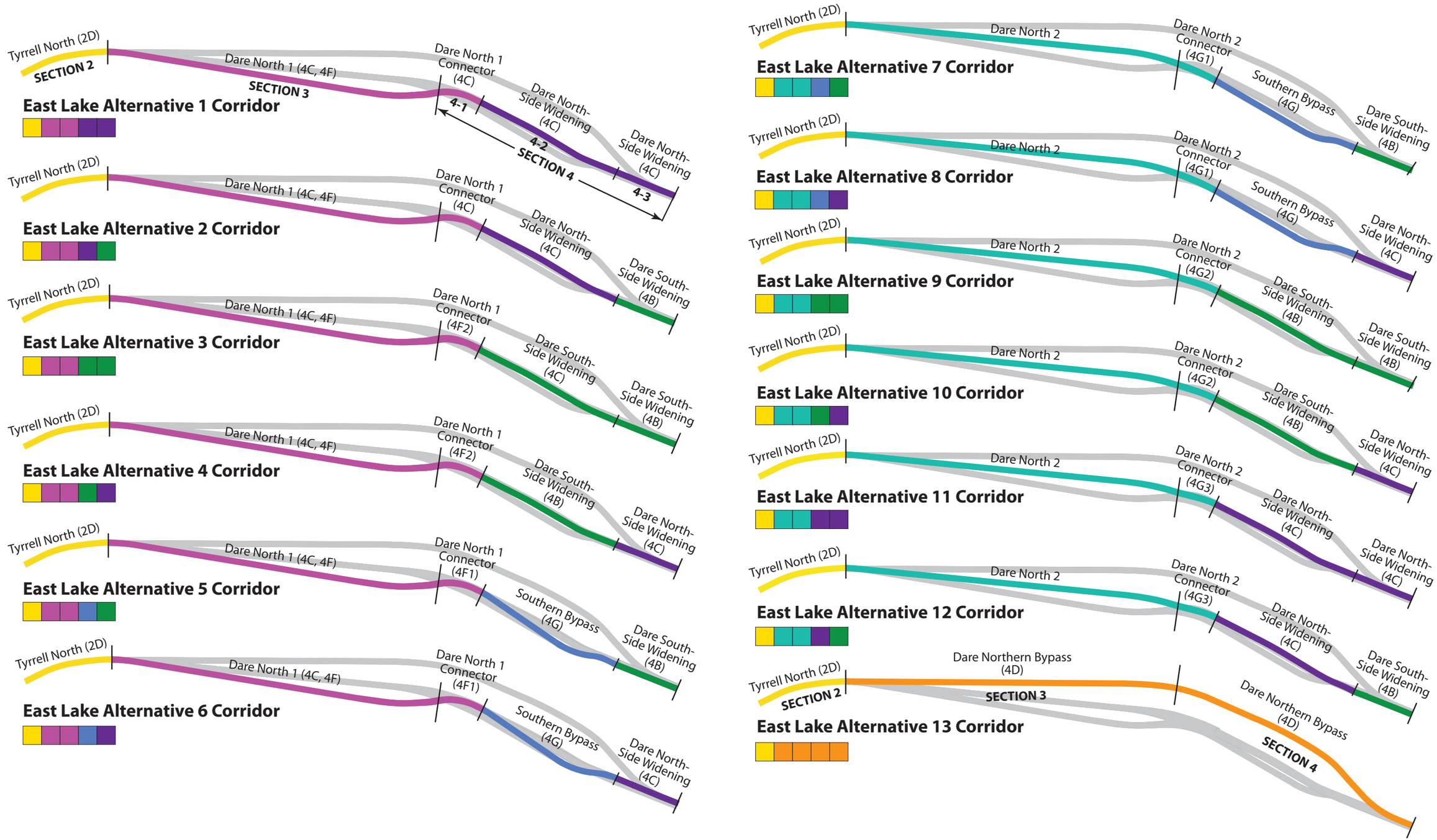
Appendix F

Impact Tables

PAGE INTENTIONALLY LEFT BLANK



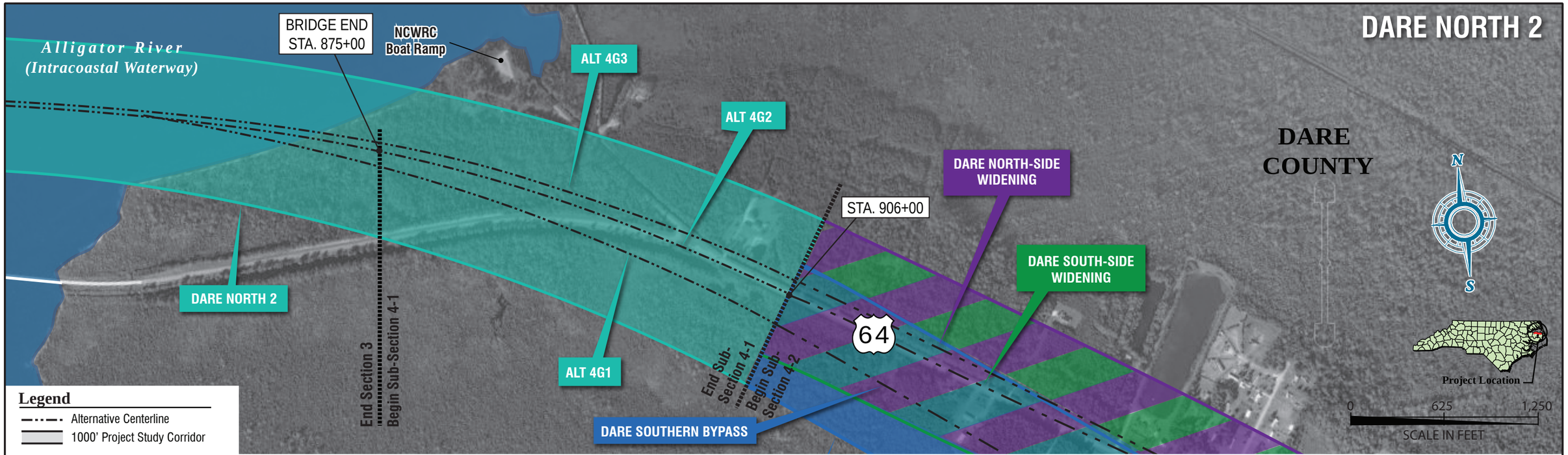
US 64 Improvements Project
Environmental Impact Statement

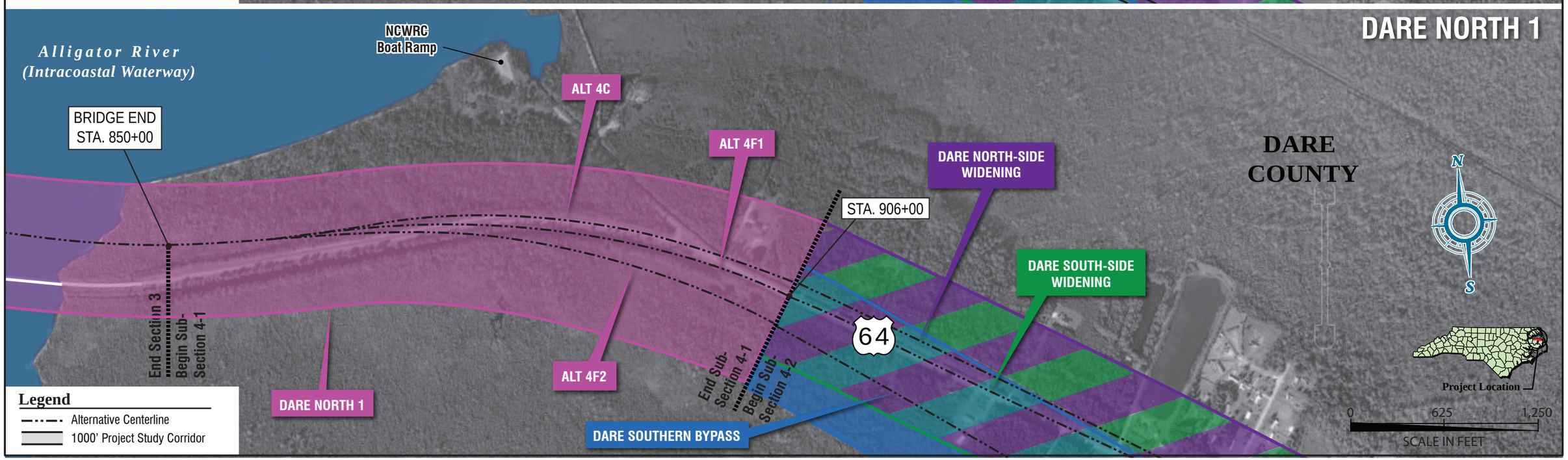
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH

County:	TYRRELL / DARE COUNTIES
NCDOT Div:	1
TIP Nos.:	R2544 & R2545
WBS:	35487

East Lake Alternatives
Sections 2, 3 and 4

Figure F-1





US 64 Improvements Project
Environmental Impact Statement

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROJECT DEVELOPMENT AND ENVIRONMENTAL ANALYSIS BRANCH

County:	TYRRELL / DARE COUNTIES
NCDOT Div:	1
TIP Nos.:	R2544 & R2545
WBS:	35487

Dare North 1 and Dare North 2 Connector Alignments
Dare County

Figure F-2

TYRRELL COUNTY								
South-Side Widening /Alternative 1A/ 23-Foot-Wide Median								
Impact Category		Section 1 / Subsections						
		1-1	1-2	1-3	1-4	1-5	1-6	TOTAL
Length	Feet	11,816	7,691	17,266	4,412	9,109	9,317	**59,611**
	Miles	2.24	1.45	3.27	0.84	1.72	1.76	**11.28**
BUILT ENVIRONMENT								
UST								
Neighborhood Disturbance		Columbia Neighborhood (East of Columbia)						**Columbia Neighborhood (East of Columbia)**
Historic Resource								
Residence		6	1					**7 residences**
Business		2						**2 businesses**
Church								
Cemetery			1					**1 cemetery**
Other		1 canopy; 1 shed; 1 garage				1 shed		**1 canopy; 2 sheds; 1 garage**
MANAGED RESOURCES (ACRES)								
Alligator Creek/Second Creek Swamp Forest				15.99			19.60	**35.59**
Alligator River Gameland							8.52	**8.52**
Alligator River National Wildlife Refuge								**0**
Alligator River Swamp Forest								**0**
Alligator River/South Lake Swamp Forest								**0**
Great Dismal Swamp Wetland Mitigation Bank Phase 1				10.10				**10.10**
J. Morgan Futch Gameland				17.39	0.22			**17.61**
Mashoes Pocosin								**0**
Palmetto-Peartree Preserve						7.85	2.49	**10.34**
Roanoke/Stumpy Point Marshes and Pocosin								**0**
Scuppernong River Swamp Forest		0.67						0.67
NATURAL ENVIRONMENT (ACRES)								
Prime Farmland		0.6	5.0					**5.60**
Soils Impacts		35.83	23.75	73.05	18.97	33.52	36.31	**221.43**
Plant Communities		33.77	23.21	46.38	15.31	27.18	29.16	**175.01**
Canal Relocation (Linear Feet)		0.00	0.00	16939.00	4412.00	9110.00	9320.00	**39781.00**
Navigable Channel								**0**
T&E Species Habitat					17.83	26.06	29.64	**73.53**
Essential Fish Habitat		19.55	1.38	33.53	8.61	24.80	26.80	**114.67**
CAMA Resources (ACRES)								
Estuarine Public Trust Waters							3.79	**3.79**
Inland Public Trust Waters							0.07	**0.07**
Inland Public Trust Waters Shorelines (30 feet)							0.24	**0.24**
Estuarine Public Trust Waters Shorelines (75 feet)								**0**
Outstanding Resource Waters Shorelines (575 feet)							18.03	**18.03**
Coastal Wetlands							0.08	**0.08**
Total CAMA Resources							22.21	**22.21**
Wetlands (ACRES)		**ACRES**						
	Cowardin Wetland Type	**Subsection 1-1**	**Subsection 1-2**	**Subsection 1-3**	**Subsection 1-4**	**Subsection 1-5**	**Subsection 1-6**	**TOTAL**
	PEM1A							**0**
	PEM1B							**0**
	PEM1CH			0.21				**0.21**
	PEM1Df					1.6		**1.60**
	PEM1E			0.06				**0.06**
	PEM1Hx							**0**
	PEM1P							**0**
	PFO1E							**0**
	PFO1F	0.01			0.26			**0.27**
	PFO1/Hh							**0**
	PFO1/2H						2.09	**2.09**
	PFO1/4B							**0**
	PFO1/4C		1.21					**1.21**
	PFO1/4E							**0**
	PFO1/4F	6.73		5.77				**12.5**
	PFO3/4B							**0**
	PFO4A							**0**
	PFO4B						12.66	**12.66**
	PFO4/1A	1.23		0.25		11.22	11.01	**23.71**
	PFO4/1B							**0**
	PFO4/1E				4.87	2.88		**7.75**
	PFO4/1F							**0**
	PSS1A							**0**
	PSS1B			0.41				**0.41**
	PSS1E							**0**
	PSS1F							**0**
	PSS1/3F							**0**
	PSS1/4A							**0**
	PSS1/4E							**0**
	PSS4/1A	10.17		0.57		2.87		**13.61**
	PSS4/1E							**0**
	E2EM1							**0**
	E2SS3P							**0**
	TOTAL	**18.14**	**1.21**	**7.27**	**5.13**	**18.57**	**25.76**	**76.08**

TYRRELL COUNTY								
South Side Widening /Alternative 1A/ 46-Foot-Wide Median								
Impact Category		Section 1 / Subsections						
		1-1	1-2	1-3	1-4	1-5	1-6	TOTAL
Length	Feet	11,820	7,688	17,255	4,415	9,112	9,323	**59,613**
	Miles	2.24	1.45	3.27	0.83	1.72	1.77	**11.28**
BUILT ENVIRONMENT								
UST								
Neighborhood Disturbance		Columbia Neighborhood (East of Columbia)						**Columbia (East of Columbia)**
Historic Resource								
Residence		8	1					**9 residences**
Business		2						**2 businesses**
Church								
Cemetery			1					**1 cemetery**
Other		1 canopy; 1 shed; 1 garage				1 shed		**1 canopy; 2 sheds; 1 garage**
MANAGED RESOURCES (ACRES)								
Alligator Creek/Second Creek Swamp Forest				17.22			21.87	**39.09**
Alligator River Gameland							11.28	**11.28**
Alligator River National Wildlife Refuge								**0**
Alligator River Swamp Forest								**0**
Alligator River/South Lake Swamp Forest								**0**
Great Dismal Swamp Wetland Mitigation Bank Phase 1				11.65				**11.65**
J. Morgan Futch Gameland				19.99	0.22			**20.21**
Mashoes Pocosin								**0**
Palmetto-Peartree Preserve						9.07	2.73	**11.80**
Roanoke/Stumpy Point Marshes and Pocosin								**0**
Scuppernong River Swamp Forest		0.93						0.93
NATURAL ENVIRONMENT (ACRES)								
Prime Farmland		0.60	6.20					**6.80**
Soils Impacts		39.99	27.67	81.46	21.31	38.37	40.83	**249.63**
Plant Communities		37.84	27.11	54.58	17.66	31.98	33.67	**202.84**
Canal Relocation (Linear Feet)		0.00	0.00	16914.00	4418.00	9109.00	9325.00	**39766.00**
Navigable Channel								**0**
T&E Species Habitat					20.02	29.88	33.48	**83.38**
Essential Fish Habitat		23.86	1.73	37.38	10.30	28.78	31.57	**133.62**
CAMA Resources								
Estuarine Public Trust Waters							3.79	**3.79**
Inland Public Trust Waters							0.07	**0.07**
Inland Public Trust Waters Shorelines (30 feet)							0.25	**0.25**
Estuarine Public Trust Waters Shorelines (75 feet)								**0**
Outstanding Resource Waters Shorelines (575 feet)							20.61	**20.61**
Coastal Wetlands							0.08	**0.08**
Total CAMA Resources		0	0	0	0	0	24.80	**24.80**
Wetlands (ACRES)	**ACRES**							
	Cowardin Wetland Type	**Subsection 1-1**	**Subsection 1-2**	**Subsection 1-3**	**Subsection 1-4**	**Subsection 1-5**	**Subsection 1-6**	**TOTAL**
	PEM1A							**0**
	PEM1B							**0**
	PEM1CH			0.62				**0.62**
	PEM1Df					2.12		**2.12**
	PEM1E			0.06				**0.06**
	PEM1Hx							**0**
	PEM1P							**0**
	PFO1E							**0**
	PFO1F				0.09			**0.09**
	PFO1/Hh							**0**
	PFO1/2H						1.79	**1.79**
	PFO1/4B							**0**
	PFO1/4C		1.55					**1.55**
	PFO1/4E							**0**
	PFO1/4F	8.32		7.77				**16.09**
	PFO3/4B							**0**
	PFO4A							**0**
	PFO4B						15.63	**15.63**
	PFO4/1A	1.72		0.44		13.49	13.21	**28.86**
	PFO4/1B							**0**
	PFO4/1E				6.65	3.53		**10.18**
	PFO4/1F							**0**
	PSS1A							**0**
	PSS1B			0.88				**0.88**
	PSS1E							**0**
	PSS1F							**0**
	PSS1/3F							**0**
	PSS1/4A							**0**
	PSS1/4E							**0**
	PSS4/1A	12.41		1.14	0.08	3.4		**17.03**
	PSS4/1E							**0**
	E2EM1							**0**
	E2SS3P							**0**
	TOTAL	**22.45**	**1.55**	**10.91**	**6.82**	**22.54**	**30.63**	**94.9**

TYRRELL COUNTY								
North-Side Widening /Alternative 1B/ 23-Foot-Wide Median								
Impact Category		Section 1 / Subsections						
		1-1	1-2	1-3	1-4	1-5	1-6	TOTAL
Length	Feet	11,780	7,706	17,338	4,387	9,088	9,276	**59,575**
	Miles	2.23	1.46	3.28	0.83	1.72	1.76	**11.28**
BUILT ENVIRONMENT								
UST								
Neighborhood Disturbances		Columbia Neighborhood (E of Columbia)			Alligator Community			**Columbia Neighborhood; Alligator Community**
Historic Resource								
Residence		1			4			**5 residences**
Business		1						**1 business**
Church								
Cemetery			1					**1 cemetery**
Other					1 shed	1 Abandoned Sructure		**1 abandoned structure; 1 shed**
MANAGED RESOURCES (ACRES)								
Alligator Creek/Second Creek Swamp Forest				11.2			14.52	**25.72**
Alligator River National Wildlife Refuge								**0**
Alligator River Swamp Forest								**0**
Alligator River/South Lake Swamp Forest								**0**
Great Dismal Swamp Wetland Mitigation Bank Phase 1								**0**
J. Morgan Futch Gameland				0.03				**0.03**
Mashoes Pocosin								**0**
Palmetto-Peartree Preserve				7.10	0.01	5.26	1.76	**14.13**
Roanoke/Stumpy Point Marshes and Pocosin								**0**
Scuppernong River Swamp Forest								**0**
NATURAL ENVIRONMENT (ACRES)								
Prime Farmland		2.50	3.90					**6.40**
Soils Impacts		33.19	24.03	54.38	13.67	26.44	27.28	**178.99**
Plant Communities		29.67	23.2	53	13	25.77	26.92	**171.56**
Canal Relocation (Linear Feet)								**0.00**
Navigable Channel								**0**
T&E Species Habitat					12.80	21.10	22.79	**56.69**
Essential Fish Habitat		13.20	4.96	16.02	6.44	16.06	21.77	**78.45**
CAMA Resources								
Estuarine Public Trust Waters								
Inland Public Trust Waters							0.07	**0.07**
Inland Public Trust Waters Shorelines (30 feet)							0.21	**0.21**
Estuarine Public Trust Waters Shorelines (75 feet)								**0**
Outstanding Resource Waters Shorelines (575 feet)							16.16	**16.16**
Coastal Wetlands								**0**
Total CAMA Resources		0	0	0	0	0	16.44	**16.44**

Wetlands (ACRES)	ACRES							
	Cowardin Wetland Type	**Subsection 1-1**	**Subsection 1-2**	**Subsection 1-3**	**Subsection 1-4**	**Subsection 1-5**	**Subsection 1-6**	**TOTAL**
	PEM1A							**0**
	PEM1B							**0**
	PEM1CH							**0**
	PEM1Df					2.17		**2.17**
	PEM1E							**0**
	PEM1Hx				0.24			**0.24**
	PEM1P							**0**
	PFO1E							**0**
	PFO1F	0.62			1.00			**1.62**
	PFO1/Hh				1.76			**1.76**
	PFO1/2H						17.44	**17.44**
	PFO1/4B							**0**
	PFO1/4C							**0**
	PFO1/4E							**0**
	PFO1/4F	5.35		6.92				**12.27**
	PFO3/4B							**0**
	PFO4A			0.76				**0.76**
	PFO4B							**0**
	PFO4/1A	2.94	0.96	1.3	0.34	7.27	3.99	**16.8**
	PFO4/1B							**0**
	PFO4/1E							**0**
	PFO4/1F							**0**
	PSS1A				0.04			**0.04**
	PSS1B							**0**
	PSS1E							**0**
	PSS1F							**0**
	PSS1/3F							**0**
	PSS1/4A			0.08				**0.08**
	PSS1/4E							**0**
	PSS4/1A	3.77	3.5	6.11	2.8	6		**22.18**
	PSS4/1E							**0**
	E2EM1							**0**
	E2SS3P							**0**
	TOTAL	**12.68**	**4.46**	**15.17**	**6.18**	**15.44**	**21.43**	**75.36**

TYRRELL COUNTY								
North-Side Widening /Alternative 1B/ 46-Foot-Wide Median								
Impact Category		Section 1 / Subsections						
		1-1	1-2	1-3	1-4	1-5	1-6	TOTAL
Length	Feet	11,777	7,708	17,348	4,384	9,085	9,271	**59,573**
	Miles	2.23	1.46	3.28	0.83	1.72	1.76	**11.28**
BUILT ENVIRONMENT								
UST								
Neighborhood Disturbances		Columbia Neighborhood (E of Columbia)			Alligator Community			**Columbia Neighborhood; Alligator**
Historic Resource								
Residence		1			4			**5 residences**
Business		1						**1 business**
Church								
Cemetery			1					**1 cemetery**
Other					1 shed	1 Abandoned Structure		**1 abandoned structure; 1 shed**
MANAGED RESOURCES (ACRES)								
Alligator Creek/Second Creek Swamp Forest				13.46			17.57	**31.03**
Alligator River National Wildlife Refuge								**0**
Alligator River Swamp Forest								**0**
Alligator River/South Lake Swamp Forest								**0**
Great Dismal Swamp Wetland Mitigation Bank Phase 1								**0**
J. Morgan Futch Gameland				0.03				**0.03**
Mashoes Pocosin								**0**
Palmetto-Peartree Preserve				10.04	0.01	6.43	2.05	**18.53**
Roanoke/Stumpy Point Marshes and Pocosin								**0**
Scuppernong River Swamp Forest								**0**
NATURAL ENVIRONMENT (ACRES)								
Prime Farmland		3.70	6.20					**9.90**
Soils Impacts		43.14	29.87	63.62	15.83	31.53	32.06	**216.05**
Plant Communities		39.35	29.05	62.15	15.16	30.83	31.7	**208.24**
Canal Relocation (Linear Feet)								**0.00**
Navigable Channel								**0**
T&E Species Habitat					14.74	25.22	26.9	**66.86**
Essential Fish Habitat		19.57	6.19	21.92	7.82	19.97	26.46	**101.93**
CAMA Resources (ACRES)								
Estuarine Public Trust Waters								
Inland Public Trust Waters							0.08	**0.08**
Inland Public Trust Waters Shorelines (30 feet)							0.24	**0.24**
Estuarine Public Trust Waters Shorelines (75 feet)								**0**
Outstanding Resource Waters Shorelines (575 feet)							19.05	**19.05**
Coastal Wetlands								**0**
Total CAMA Resources		0	0	0	0	0	19.37	**19.37**
Wetlands (ACRES)		**ACRES**						
	Cowardin Wetland Type	**Subsection 1-1**	**Subsection 1-2**	**Subsection 1-3**	**Subsection 1-4**	**Subsection 1-5**	**Subsection 1-6**	**TOTAL**
	PEM1A							**0**
	PEM1B							**0**
	PEM1CH							**0**
	PEM1Df					2.86		**2.86**
	PEM1E							**0**
	PEM1Hx				0.25			**0.25**
	PEM1P							**0**
	PFO1E							**0**
	PFO1F	0.77			1.19			**1.96**
	PFO1/Hh				2.21			**2.21**
	PFO1/2H						21.21	**21.21**
	PFO1/4B							**0**
	PFO1/4C		0.03					**0.03**
	PFO1/4E							**0**
	PFO1/4F	7.57		9.54				**17.11**
	PFO3/4B							**0**
	PFO4A			2.16				**2.16**
	PFO4B							**0**
	PFO4/1A	4.55	1.25	1.62	0.61	9.06	4.89	**21.98**
	PFO4/1B							**0**
	PFO4/1E							**0**
	PFO4/1F							**0**
	PSS1A				0.04			**0.04**
	PSS1B							**0**
	PSS1E							**0**
	PSS1F							**0**
	PSS1/3F							**0**
	PSS1/4A			0.2				**0.2**
	PSS1/4E							**0**
	PSS4/1A	6.71	4.4	7.47	3.3	7.41		**29.29**
	PSS4/1E							**0**
	E2EM1							**0**
	E2SS3P							**0**
	TOTAL	**19.6**	**5.68**	**20.99**	**7.60**	**19.33**	**26.10**	**99.3**

DARE COUNTY						
South-Side Widening /Alternative 5A/ 23-Foot-Wide Median						
Impact Category		Section 5 / Subsections				
		5-1	5-2	5-3	5-4	TOTAL
Length	Feet	6,022	5,884	5,731	29,058	**46,695**
	Miles	1.14	1.11	1.09	5.5	**8.84**
BUILT ENVIRONMENT						
UST						
Neighborhood Disturbances						
Historic Resource						
Residence				3		**3 residences**
Business						
Church						
Cemetery				1		**1 cemetery**
Other						
MANAGED RESOURCES (ACRES)						
Alligator Creek/Second Creek Swamp Forest						**0**
Alligator River National Wildlife Refuge		22.39	16.83	1.3	75.82	**116.34**
Alligator River Swamp Forest						**0**
Alligator River/South Lake Swamp Forest						**0**
Great Dismal Swamp Wetland Mitigation Bank Phase 1						**0**
J. Morgan Futch Gameland						**0**
Mashoes Pocosin					4.76	**4.76**
Palmetto-Peartree Preserve						**0**
Roanoke/Stumpy Point Marshes and Pocosin					48.93	**48.93**
Scuppernong River Swamp Forest						0
NATURAL ENVIRONMENT (ACRES)						
Prime Farmland						**0**
Soils Impacts		25.02	22.00	23.50	81.78	**152.30**
Plant Communities		22.27	16.88	16.68	75.24	**131.07**
Canal Relocation (Linear Feet)		4970.00	5700.00	5400.00	980.00	**17050.00**
T&E Species Habitat				17.73	16.48	**34.21**
Essential Fish Habitat		20.26	26.19	31.67	67.06	**145.18**
CAMA Resources						
Estuarine Public Trust Waters						
Inland Public Trust Waters			3.57	6.45	1.17	**11.19**
Inland Public Trust Waters Shorelines (30 feet)			4.5	6.82	1.85	**13.17**
Estuarine Public Trust Waters Shorelines (75 feet)						**0**
Outstanding Resource Waters Shorelines (575 feet)						**0**
Coastal Wetlands			0.08	0.04	2.66	**2.78**
Total CAMA Resources		0	8.15	13.31	5.68	**27.14**
Wetlands (ACRES)	**ACRES**					
	Cowardin Wetland Type	**Subsection 5-1**	**Subsection 5-2**	**Subsection 5-3**	**Subsection 5-4**	**TOTAL 23-Foot Median**
	PEM1A					**0**
	PEM1B				0.23	**0.23**
	PEM1CH					**0**
	PEM1Df					**0**
	PEM1E					**0**
	PEM1Hx					**0**
	PEM1P				4.34	**4.34**
	PFO1E			5.17		**5.17**
	PFO1F					**0**
	PFO1/Hh					**0**
	PFO1/2H					**0**
	PFO1/4B		0.23	3.45		**3.68**
	PFO1/4C					**0**
	PFO1/4E	4.61				**4.61**
	PFO1/4F		5.88	0.15	8.48	**14.51**
	PFO3/4B				17.05	**17.05**
	PFO4A					**0**
	PFO4B		0.92	2.51	12.93	**16.36**
	PFO4/1A					**0**
	PFO4/1B	0.6	0.15			**0.75**
	PFO4/1E	12.44	5.87			**18.31**
	PFO4/1F					**0**
	PSS1A				0.75	**0.75**
	PSS1B					**0**
	PSS1E					**0**
	PSS1F					**0**
	PSS1/3F					**0**
	PSS1/4A					**0**
	PSS1/4E			0.62	1.09	**1.71**
	PSS4/1A					**0**
	PSS4/1E					**0**
	E2EM1				0.94	**0.94**
	E2SS3P				10.05	**10.05**
	TOTAL	**17.65**	**13.05**	**11.90**	**55.86**	**98.46**

DARE COUNTY						
North-Side Widening /Alternative 5B/ 23-Foot-Wide Median						
Impact Category		Section 5 / Subsections				
		5-1	5-2	5-3	5-4	TOTAL
Length	Feet	5,975	5,882	5,815	29,010	**46,682**
	Miles	1.13	1.11	1.1	5.5	**8.84**
BUILT ENVIRONMENT						
UST						
Neighborhood Disturbances		East Lake				**East Lake**
Historic Resource		East Lake Methodist Church and Cemetery; East Lake Fire Tower				**East Lake Methodist Church and Cemetery East Lake Fire Tower**
Residence			1	2		**3 Residences; property impacts**
Business						
Church		2				**2 churches**
Cemetery		2				**2 Cemeteries; at East Lake Holiness Church and East Lake Methodist Church**
Other		East Lake Community Center	1 abandoned structure		2 sheds	**East Lake Community Center; 1 abandoned structure; 2 sheds**
MANAGED RESOURCES (ACRES)						
Alligator Creek/Second Creek Swamp Forest						**0**
Alligator River National Wildlife Refuge		16.88	8.91		108.00	**133.79**
Alligator River Swamp Forest						**0**
Alligator River/South Lake Swamp Forest			8.08		7.73	**15.81**
Great Dismal Swamp Wetland Mitigation Bank Phase 1						**0**
J. Morgan Futch Gameland						**0**
Mashoes Pocosin					**84.23**	**84.23**
Palmetto-Peartree Preserve						**0**
Roanoke/Stumpy Point Marshes and Pocosin					**2.89**	**2.89**
Scuppernong River Swamp Forest						**0**
NATURAL ENVIRONMENT (ACRES)						
Prime Farmland						**0**
Soils Impacts		19.80	18.08	20.02	115.34	**173.24**
Plant Communities		17.36	16.27	19.04	89.51	**142.18**
Canal Relocation (Linear Feet)		1215.00	1085.00	0.00	28200.00	**30500.00**
Navigable Channel						**0**
T&E Species Habitat				15.76	23.55	**39.31**
Essential Fish Habitat		9.68	10.54	9.23	164.93	**194.38**
CAMA Resources (ACRES)						
Estuarine Public Trust Waters						
Inland Public Trust Waters				0.46	25.7	**26.16**
Inland Public Trust Waters Shorelines (30 feet)			0.26	1.08	36.81	**38.15**
Estuarine Public Trust Waters Shorelines (75 feet)						**0**
Outstanding Resource Waters Shorelines (575 feet)						**0**
Coastal Wetlands					10.26	**10.26**
Total CAMA Resources		0	0.26	1.54	72.77	**74.57**
Wetlands (ACRES)		**ACRES**				
	Cowardin Wetland Type	**Subsection 5-1**	**Subsection 5-2**	**Subsection 5-3**	**Subsection 5-4**	**TOTAL**
	PEM1A					**0**
	PEM1B					**0**
	PEM1CH					**0**
	PEM1Df					**0**
	PEM1E					**0**
	PEM1Hx					**0**
	PEM1P				2.43	**2.43**
	PFO1E				7.56	**7.56**
	PFO1F					**0**
	PFO1/Hh					**0**
	PFO1/2H					**0**
	PFO1/4B			3.78		**3.78**
	PFO1/4C			0.02		**0.02**
	PFO1/4E	0.01				**0.01**
	PFO1/4F			0.61	0.65	**1.26**
	PFO3/4B					**0**
	PFO4A					**0**
	PFO4B			0.05	34.16	**34.21**
	PFO4/1A					**0**
	PFO4/1B					**0**
	PFO4/1E	7.54	4.91			**12.45**
	PFO4/1F					**0**
	PSS1A				0.55	**0.55**
	PSS1B			0.49		**0.49**
	PSS1E					**0**
	PSS1F					**0**
	PSS1/3F		3.67			**3.67**
	PSS1/4A					**0**
	PSS1/4E			2.23	1.41	**3.64**
	PSS4/1A					**0**
	PSS4/1E					**0**
	E2EM1				1.2	**1.2**
	E2SS3P				20.22	**20.22**
	TOTAL	**7.55**	**8.58**	**7.18**	**68.18**	**91.49**

DETAILED STUDY BRIDGE REPLACEMENT CORRIDORS SEGMENTS																	
Impact Category		Tyrrell North (2D)	Dare North 1 (3A + 4C/F)				Dare North 2 (3B + 4G)				Dare Northern Bypass (3C + 4D)		Dare Southern Bypass	Dare South Side Widening (4B)		Dare Northside Widening (4C)	
		Section 2 (46')	Section 3A	Subsection 4-1 Alignment 4C	Subsection 4-1 Alignment 4F1	Subsection 4-1 Alignment 4F2	Section 3B	Subsection 4-1 Alignment 4G1	Subsection 4-1 Alignment 4G2	Subsection 4-1 Alignment 4G3	Section 3C	Dare Northern Bypass	Subsection 4-2	Subsection 4-2	Subsection 4-3	Subsection 4-2	Subsection 4-3
Length	Feet	4,382	16,546	3,464	3,379	3,379	16,830	3,099	3,099	3,099	19900	12,302	8,196	8,119	3,215	8,115	3,215
	Miles	0.83	3.13	0.65	0.64	0.64	3.19	0.58	0.58	0.58	3.77	2.33	1.55	1.53	0.61	1.54	0.61
BUILT ENVIRONMENT																	
UST																	
Neighborhood Disturbance				East Lake										East Lake	East Lake	East Lake	East Lake
Historic Resource																	
Residence													1	7		12	
Business																	
Church																	
Cemetery																	
Other																7 sheds	
MANAGED RESOURCES (ACRES)																	
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				0.04				0.04						
Alligator River National Wildlife Refuge				0.61	1..38	1.04					0.02	16.75	6.15	3.72	14.44	0.66	10.33
Alligator River Swamp Forest				0.37	7.63	2.32		4.91					2.21				
Alligator River/South Lake Swamp Forest											0.15	33.15			0.10		4.06
Great Dismal Swamp Wetland Mitigation Bank Phase 1																	
J. Morgan Futch Gameland																	
Mashoes Pocosin																	
Palmetto-Peartree Preserve																	
Roanoke/Stumpy Point Marshes and Pocosin																	
Scuppernong River Swamp Forest																	
NATURAL ENVIRONMENT (ACRES)																	
Prime Farmland																	
Soils Impacts (Including Estuarine Open Water)		23.64	2.01	13.36	13.82	15.64	2.05	13.16	13.28	13.05	2.30	50.63	42.13	30.16	16.2	29.81	11.62
Plant Communities		22.04	0.13	10.97	11.61	11.19	0.05	11.88	11.33	11.76	0.17	50.28	40.75	26.15	14.5	25.33	10.36
Canal Relocation (Linear Feet)		0	0	220	0	0	0	0	0	0	0	0	880	3900	3235	0	0
T&E Species Habitat		7.43															
Essential Fish Habitat		18.19	2.22	19.85	29.85	30.83	2.06	27.03	24.55	22.4	2.31	48.15	24.37	22.54	14.71	17.74	8.13
CAMA Resources																	
Estuarine Public Trust Waters		0.27	1.87	0.41	1.9	3.87	1.06	1.06	1.31	0.13	2.13						
Inland Public Trust Waters				0.53						0.51						1.28	
Inland Public Trust Waters Shorelines (30 feet)																	
Estuarine Public Trust Waters Shorelines (75			0.01				0.02				0.02			1.45		6.76	
Outstanding Resource Waters Shorelines (575		19.88	0.12	12.95	11.83	11.77		11.56	11.09	11.86			0.01	0.11		0.10	
Coastal Wetlands		0.23	0.1	0.26	5.36	4.92	0.01	3.02	1.64	0.09				0.86		0.01	
Total CAMA Resources		20.38	2.1	14.15	19.09	20.56	1.09	15.64	14.04	12.59	2.15	0	0.01	2.42	0	8.15	0
Wetlands (ACRES)	ACRES																
	Cowardin Wetland Type																
	PEM1A			0.11						0.1							
	PEM1B																
	PEM1CH																
	PEM1Df																
	PEM1E																
	PEM1Hx																
	PEM1P		0.1	0.68	7.49	3.90	0.01	1.98	1.62	0.36	0.15	4.00	0.72	1.62		0.01	
	PFO1E																
	PFO1F																
	PFO1/Hh																
	PFO1/2H	17.95	0.01				0.01				0.01						
	PFO1/4B											10.05	0.04		0.02	0.04	5.97
	PFO1/4C																
	PFO1/4E											19.76	4.69	1.23	4.87	1.14	
	PFO1/4F											6.02					
	PFO3/4B																
	PFO4A													0.06		0.35	
	PFO4B	0.16		0.12	1.04	1.93		0.27	0.43								
	PFO4/1A													1.11		0.12	
	PFO4/1B																
	PFO4/1E						0.03					0.66	13.57	11.50	8.15	0.03	0.94
	PFO4/1F			2.71	0.07	0.16	0.03	7.35	6.65	8.23						0.82	
	PSS1A													0.32		0.04	
	PSS1B																
	PSS1E															0.25	
	PSS1F																
	PSS1/3F																
	PSS1/4A																
	PSS1/4E																
	PSS4/1A											7.31	1.92			2.69	
	PSS4/1E																
	E2EM1																
	E2SS3P																
	TOTAL	**18.11**	**0.11**	**3.62**	**8.6**	**5.99**	**0.08**	**9.6**	**8.7**	**8.69**	**0.16**	**47.8**	**20.94**	**15.84**	**13.04**	**5.49**	**6.91**

EAST LAKE ALTERNATIVES													
Impact Category		EL 1 Subsections and Alternatives						EL 2 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
		Tyrrell North (2D)	Dare North 1 Section 3 (3A)	Dare North 1 (4C)	Dare Northside Widening (4C)	Dare Northside Widening (4C)	TOTAL EL 1	Tyrrell North (2D)	Dare North 1 Section 3 (3A)	Dare North 1 (4C)	Dare Northside Widening (4C)	Dare Southside Widening (4B)	TOTAL EL 2
Length	Feet	4,382.40	16,546.71	3,464	8,115	3,215	**35,723.11**	4,382.40	16,546.71	3,464	8,115	3,215	**35,723.11**
	Miles	0.83	3.13	0.65	1.54	0.61	**6.76**	0.83	3.13	0.65	1.54	0.61	**6.76**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance				East Lake			**East Lake**			East Lake			**East Lake**
Historic Resource			Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**		Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**
Residence					12		**12 residences**				12		**12 residences**
Business													
Church													
Cemetery													
Other					7 sheds		**7 sheds**				7 sheds		**7 sheds**
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				**22.29**	22.25	0.04				**22.29**
Alligator River National Wildlife Refuge				0.61	0.66	10.33	**11.6**			0.61			**0.61**
Alligator River Swamp Forest				0.37			**0.37**			0.37			**0.37**
Alligator River/South Lake Swamp Forest						4.06	**4.06**						**0.00**
Great Dismal Swamp Wetland Mitigation Bank							**0**						**0**
J. Morgan Futch Gameland							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree Preserve							**0**						**0**
Roanoke/Stumpy Point Marshes and Pocosin							**0**						**0**
Scuppernong River Swamp Forest							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland							0						0
Soils Impacts (inlcuding estuarine open water)		23.64	2.01	13.36	29.81	11.62	**80.44**	23.64	2.01	13.36	29.81	16.2	**85.02**
Plant Communities		22.04	0.13	10.97	25.33	10.36	**68.83**	22.04	0.13	10.97	25.33	14.5	**72.97**
Canal Relocation (Linear Feet)				220			**220**	0	0	220	0	3235	**3,455**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.22	19.85	17.74	8.13	**66.13**	18.19	2.22	19.85	17.74	14.71	**72.71**
CAMA Resources (ACRES)													
Estuarine Public Trust Waters		0.27	1.87	0.41			**2.55**	0.27	1.87	0.41			**2.55**
Inland Public Trust Waters				0.53	1.28		**1.81**			0.53	1.28		**1.81**
Inland Public Trust Waters Shorelines (30 feet)							**0**						**0**
Estuarine Public Trust Waters Shorelines (75 feet)			0.01		6.76		**6.77**		0.01		6.76		**6.77**
Outstanding Resource Waters Shorelines (575 feet)		19.88	0.12	12.95	0.10		**33.05**	19.88	0.12	12.95	0.1		**33.05**
Coastal Wetlands		0.23	0.10	0.26	0.01		**0.6**	0.23	0.1	0.26	0.01		**0.6**
Total CAMA Resources (acres)		20.38	2.10	14.15	8.15	0	**44.78**	20.38	2.1	14.15	8.15	0	**44.78**
Wetlands (acres)		ACRES											
	Cowardin Wetland Type	Tyrrell North (2D2)	Bridge Corridor - Dare North 1 (4C1)	Dare North 1 (4C)	Dare Northside Widening (4C)	Dare Northside Widening (4C)	TOTAL EL 1	Tyrrell North (2D2)	Bridge Corridor - Dare North 1 (4C1)	Dare North 1 (4C)	Dare Northside Widening (4C)	Dare Southside Widening (4B)	TOTAL EL 2
	PEM1A			0.11			**0.11**			0.11			**0.11**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.10	0.68	0.01		**0.79**		0.10	0.68	0.010		**0.79**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B				0.04	5.97	**6.01**				0.04	0.02	**0.06**
	PFO1/4C						**0**						**0**
	PFO1/4E				1.14		**1.14**				1.14	4.87	**6.01**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A				0.35		**0.35**				0.35		**0.35**
	PFO4B	0.16		0.12			**0.28**	0.16		0.12			**0.28**
	PFO4/1A				0.12		**0.12**				0.12		**0.12**
	PFO4/1B						**0**						**0**
	PFO4/1E				0.03	0.94	**0.97**				0.03	8.15	**8.18**
	PFO4/1F			2.71	0.82		**3.53**			2.71	0.82		**3.53**
	PSS1A				0.04		**0.04**				0.04		**0.04**
	PSS1B						**0**						**0**
	PSS1E				0.25		**0.25**				0.25		**0.25**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A				2.69		**2.69**				2.69		**2.69**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.11**	**3.62**	**5.49**	**6.91**	**34.24**	**18.11**	**0.11**	**3.62**	**5.49**	**13.04**	**40.37**

EAST LAKE ALTERNATIVES													
		EL 3 Subsections and Alternatives						EL 4 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
Impact Category		Tyrrell North (2D)	Dare North 1 Section 3 (3A)	Dare North 1 Alignment 4F2	Dare Southside Widening (4B)	Dare Southside Widening (4B)	TOTAL EL 3	Tyrrell North (2D)	Bridge Corridor - Dare North 1 (4C1)	Dare North 1 Alignment 4F2	Dare Southside Widening (4B)	Dare Northside Widening (4C)	TOTAL EL 4
Length	Feet	4,382.40	16,546.71	3,379	8,119	3,215	**35,642.11**	4,382.40	16,546.71	3,379	8,119	3,215	**35,642.11**
	Miles	0.83	3.13	0.64	1.53	0.61	**6.74**	0.83	3.13	0.64	1.53	0.61	**6.74**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance					East Lake		**East Lake**				East Lake		**East Lake**
Historic Resource			Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**		Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**
Residence					7		**7 Residences**				7 Residences		**7 Residences**
Business													
Church													
Cemetery													
Other					5 sheds; 4 abandoned structures		**5 sheds; 4 abandoned structures**				5 sheds; 4 abandoned structures		**5 sheds; 4 abandoned structures**
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				**22.29**	22.25	0.04				**22.29**
Alligator River National				1.04	3.72	14.44	**19.20**	1.04		1.04			**2.08**
Alligator River Swamp				2.32			**2.32**	2.32		2.32			**4.64**
Alligator River/South Lake						0.10	**0.10**						**0**
Great Dismal Swamp							**0**						**0**
J. Morgan Futch Gameland							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree Preserve							**0**						**0**
Roanoke/Stumpy Point							**0**						**0**
Scuppernong River Swamp							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland							**0**						**0**
Soils Impacts (inlcuding estuarine open water)		23.64	2.01	15.64	30.16	16.2	**87.65**	23.64	2.01	15.64	30.16	11.62	**83.07**
Plant Communities		22.04	0.13	11.19	26.15	14.5	**74.01**	22.04	0.13	11.19	26.15	10.36	**69.87**
Canal Relocation (Linear Feet)		0	0	0	3900	3235	**7,135**	0	0	0	3900	0	**3,900**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.22	30.83	22.54	14.71	**88.49**	18.19	2.22	30.83	22.54	8.13	**81.91**
CAMA Resources (acres)													
Estuarine Public Trust		0.27	1.87	3.87			**6.01**	0.27	**1.87**	3.87			**6.01**
Inland Public Trust Waters							**0**						**0**
Inland Public Trust Waters Shorelines (30 feet)							**0**						**0**
Estuarine Public Trust Waters Shorelines (75 feet)			0.01		1.45		**1.46**		0.01		1.45		**1.46**
Outstanding Resource Waters Shorelines (575 feet)		19.88	0.12	11.77	0.11		**31.88**	19.88	0.12	11.77	0.11		**31.88**
Coastal Wetlands		0.23	0.10	4.92	0.86		**6.11**	0.23	0.10	4.92	0.86		**6.11**
Total CAMA Resources		20.38	2.1	20.56	2.42	0	**45.46**	20.38	2.10	20.56	2.42	0	**45.46**
Wetlands (acres)	**ACRES**												
	Cowardin Wetland Type	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 1 (4C1)**	**Dare North 1 (4F2)**	**Dare Southside Widening (4B)**	**Dare Southside Widening (4B)**	**TOTAL EL 1**	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 1 (4C1)**	**Dare North 1 (4F2)**	**Dare Southside Widening (4B)**	**Dare Northside Widening (4C)**	**TOTAL EL 2**
	PEM1A						**0**						**0**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.10	3.90	1.62		**5.62**		0.10	3.90	1.62		**5.62**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B					0.02	**0.02**					5.97	**5.97**
	PFO1/4C						**0**						**0**
	PFO1/4E				1.23	4.87	**6.1**				1.23		**1.23**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A				0.06		**0.06**				0.06		**0.06**
	PFO4B	0.16		1.93			**2.09**	0.16		1.93			**2.09**
	PFO4/1A				1.11		**1.11**				1.11		**1.11**
	PFO4/1B						**0**						**0**
	PFO4/1E				11.50	8.15	**19.65**				11.50	0.94	**12.44**
	PFO4/1F			0.16			**0.16**			0.16			**0.16**
	PSS1A				0.32		**0.32**				0.32		**0.32**
	PSS1B						**0**						**0**
	PSS1E						**0**						**0**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A						**0**						**0**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.11**	**5.99**	**15.84**	**13.04**	**53.09**	**18.11**	**0.11**	**5.99**	**15.84**	**6.91**	**46.96**

EAST LAKE ALTERNATIVES													
		EL 5 Subsections and Alternatives						EL 6 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
Impact Category		Tyrrell North (2D)	Dare North 1 Section 3 (3A)	Dare North 1 Alignment 4F1	Dare Southern Bypass (4G)	Dare Southside Widening (4B)	TOTAL EL 5	Tyrrell North (2D)	Dare North 1 Section 3 (3A)	Dare North 1 Alignment 4F1	Dare Southern Bypass (4G)	Dare Northside Widening (4C)	TOTAL EL 6
Length	Feet	4,382.40	16,546.71	3,379	8,196	3,215	**35,719.11**	4,382.40	16,546.71	3,379	8,196	3,215	**35,719.11**
	Miles	0.83	3.13	0.64	1.55	0.61	**6.76**	0.83	3.13	0.64	1.55	0.61	**6.76**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance						East Lake	**East Lake**					East Lake	**East Lake**
Historic Resource			Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**		Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**
Residence					1 Residence		**1 Residence**				1 Residence		**1 Residence**
Business													
Church													
Cemetery													
Other													
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				**22.29**	22.25					**22.25**
Alligator River National Wildlife Refuge				1.38	6.14	14.44	**21.96**			1.38	6.14	10.33	**17.85**
Alligator River Swamp				7.63	2.21		**9.84**			7.63	2.21		**9.84**
Alligator River/South Lake Swamp Forest						0.10	**0.10**					4.06	**4.06**
Great Dismal Swamp Wetland Mitigation Bank							**0**						**0**
J. Morgan Futch Gameland							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree Preserve							**0**						**0**
Roanoke/Stumpy Point Marshes and Pocosin							**0**						**0**
Scuppernong River Swamp							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland							0						0
Soils Impacts (inlcuding estuarine open water)		23.64	2.01	13.82	42.13	16.2	**97.80**	23.64	2.01	13.82	42.13	11.62	**93.22**
Plant Communities		22.04	0.13	11.61	40.75	14.51	**89.04**	22.04	0.13	11.61	40.75	10.36	**84.89**
Canal Relocation (Linear Feet)		0	0	0	880	3235	**4,115**	0	0	0	880	0	**880**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.22	29.85	24.37	14.71	**89.34**	18.19	2.22	29.85	24.37	8.13	**82.76**
CAMA Resources (ACRES)													
Estuarine Public Trust		0.27	1.87	1.90			**4.04**	0.27	1.87	1.90			**4.04**
Inland Public Trust Waters							**0**						**0**
Inland Public Trust Waters Shorelines (30 feet)							**0**						**0**
Estuarine Public Trust Waters Shorelines (75 feet)			0.01				**0.01**		0.01				**0.01**
Outstanding Resource Waters Shorelines (575 feet)		19.88	0.12	11.83	0.01		**31.84**	19.88	0.12	11.83	0.01		**31.84**
Coastal Wetlands		0.23	0.10	5.36			**5.69**	0.23	0.10	5.36			**5.69**
Total CAMA Resources		20.38	2.10	19.09	0.01	0	**41.58**	20.38	2.10	19.09	0.01	0	**41.58**
Wetlands (acres)	**ACRES**												
	Cowardin Wetland Type	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 1 (4C1)**	**Dare North 1 (4F1)**	**Dare Southern Bypass (4G)**	**Dare Southside Widening (4B)**	**TOTAL EL 5**	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 1 (4C1)**	**Dare North 1 (4F1)**	**Dare Southern Bypass (4G)**	**Dare Northside Widening (4C)**	**TOTAL EL 6**
	PEM1A						**0**						**0**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.1	7.49	0.72		**8.31**		0.1	7.49	0.72		**8.31**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B				0.04	0.02	**0.06**				0.04	5.97	**6.01**
	PFO1/4C						**0**						**0**
	PFO1/4E				4.69	4.87	**9.56**				4.69		**4.69**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A						**0**						**0**
	PFO4B	0.16		1.04			**1.2**	0.16		1.04			**1.20**
	PFO4/1A						**0**						**0**
	PFO4/1B						**0**						**0**
	PFO4/1E				13.57	8.15	**21.72**				13.57	0.94	**14.51**
	PFO4/1F			0.07			**0.07**			0.07			**0.07**
	PSS1A						**0**						**0**
	PSS1B						**0**						**0**
	PSS1E						**0**						**0**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A				1.92		**1.92**				1.92		**1.92**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.11**	**8.60**	**20.94**	**13.04**	**60.8**	**18.11**	**0.11**	**8.60**	**20.94**	**6.91**	**54.67**

EAST LAKE ALTERNATIVES													
		EL 7 Subsections and Alternatives						EL 8 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
Impact Category		Tyrrell North (2D)	Dare North 2 Section 3(3B)	Dare North 2 Alignment 4G1	Dare Southern Bypass (4G)	Dare Southside Widening (4B)	TOTAL EL 7	Tyrrell North (2D)	Bridge Corridor (4G)	Dare North 2 Section 3 (3B)	Dare Southern Bypass Alignment 4G1	Dare Northside Widening (4C)	TOTAL EL 8
Length	Feet	4,382.40	16,830	3,099	8,196	3,215	**35,722.40**	4,382.40	16,830	3,099	8,196	3,215	**35,722.40**
	Miles	0.83	3.19	0.58	1.55	0.61	**6.76**	0.83	3.19	0.58	1.55	0.61	**6.76**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance						East Lake	**East Lake**					East Lake	**East Lake**
Historic Resource			Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**		Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**
Residence					1 Residence		**1 Residence**				1 Residence		**1 Residence**
Business													
Church													
Cemetery													
Other													
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek		22.25	0.04				**22.29**	22.25	0.04				**22.29**
Alligator River National Wildlife					6.15	14.44	**20.59**				6.15	10.33	**16.48**
Alligator River Swamp Forest				4.91	2.21		**7.12**			4.91	2.21		**7.12**
Alligator River/South Lake						0.10	**0.10**					4.06	**4.06**
Great Dismal Swamp Wetland							**0**						**0**
J. Morgan Futch Gameland							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree Preserve							**0**						**0**
Roanoke/Stumpy Point Marshes							**0**						**0**
Scuppernong River Swamp							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland													
Soils Impacts (inlcuding estuarine open water)		23.64	2.05	13.16	42.13	16.2	**97.18**	23.64	2.05	13.16	42.13	11.62	**92.60**
Plant Communities		22.04	0.05	11.88	40.75	14.51	**89.23**	22.04	0.05	11.88	40.75	10.36	**85.08**
Canal Relocation (Linear Feet)					880	3235	**4115**				880		**880**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.06	27.03	24.37	14.71	**86.36**	18.19	2.06	27.03	24.37	8.13	**79.78**
CAMA Resources (acres)													
Estuarine Public Trust Waters		0.27	1.98	1.06			**3.31**	0.27	1.98	1.06			**3.31**
Inland Public Trust Waters							**0**						**0**
Inland Public Trust Waters Shorelines (30 feet)							**0**						**0**
Estuarine Public Trust Waters Shorelines (75 feet)			0.02				**0.02**		0.02				**0.02**
Outstanding Resource Waters Shorelines (575 feet)		19.88		11.56	0.01		**31.45**	19.88		11.56	0.01		**31.45**
Coastal Wetlands		0.23	0.01	3.02			**3.26**	0.23	0.01	3.02			**3.26**
Total CAMA Resources (acres)		20.38	2.01	15.64	0.01	0	**38.04**	20.38	2.01	15.64	0.01	0	**38.04**
Wetlands (acres)	**ACRES**												
	Cowardin Wetland Type	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 2 (4G)**	**Dare North 2 (4G1)**	**Dare Southern Bypass (4G)**	**Dare Southside Widening**	**TOTAL EL 7**	**Tyrrell North (2D2)**	**Bridge Corridor (4G)**	**Dare North 2 (4G1)**	**Dare Southern Bypass (4G)**	**Dare Northside Widening**	**TOTAL EL 8**
	PEM1A						**0**						**0**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.01	1.98	0.72		**2.71**		0.01	1.98	0.72		**2.71**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B				0.04	0.02	**0.06**				0.04	5.97	**6.01**
	PFO1/4C						**0**						**0**
	PFO1/4E				4.69	4.87	**9.56**				4.69		**4.69**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A						**0**						**0**
	PFO4B	0.16		0.27			**0.43**	0.16		0.27			**0.43**
	PFO4/1A						**0**						**0**
	PFO4/1B						**0**						**0**
	PFO4/1E		0.03		13.57	8.15	**21.75**		0.03		13.57	0.94	**14.54**
	PFO4/1F		0.03	7.35			**7.38**		0.03	7.35			**7.38**
	PSS1A						**0**						**0**
	PSS1B						**0**						**0**
	PSS1E						**0**						**0**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A				1.92		**1.92**				1.92		**1.92**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.08**	**9.6**	**20.94**	**13.04**	**61.77**	**18.11**	**0.08**	**9.6**	**20.94**	**6.91**	**55.64**

EAST LAKE ALTERNATIVES													
		EL 9 Subsections and Alternatives						EL 10 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
Impact Category		Tyrrell North (2D)	Dare North 2 Section 3 (3B)	Dare North 2 Alignment 4G2	Dare Southside Widening (4B)	Dare Southside Widening (4B)	TOTAL EL 9	Tyrrell North (2D)	Dare North 2 Section 3 (3B)	Dare North 2 Alignment 4G2	Dare Southside Widening (4B)	Dare Northside Widening (4C)	TOTAL EL 10
Length	Feet	4,382.40	16,830	3,099	8,119	3,215	**35,645.40**	4,382.40	16,830	3,099	8,119	3,215	**35,645.40**
	Miles	0.83	3.19	0.58	1.54	0.61	**6.75**	0.83	3.19	0.58	1.54	0.61	**6.75**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance					East Lake	East Lake	**East Lake**				East Lake	East Lake	**East Lake**
Historic Resource			Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**		Lindsay C. Warren Bridge				**Lindsay C. Warren Bridge**
Residence					7 Residences		**7 Residences**				7 Residences		**7 residences**
Business													
Church													
Cemetery													
Other					5 sheds; 4 abandoned structures		**5 sheds; 4 abandoned structures**				5 sheds; 4 abandoned structures		**5 sheds; 4 abandoned structures**
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				**22.29**	22.25	0.04				**22.29**
Alligator River National					3.72	14.44	**18.16**				3.72	10.33	**14.05**
Alligator River Swamp							**0**						**0**
Alligator River/South						0.10	**0.10**					4.06	**4.06**
Great Dismal Swamp							**0**						**0**
J. Morgan Futch							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree							**0**						**0**
Roanoke/Stumpy Point							**0**						**0**
Scuppernong River							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland							0						0
Soils Impacts (inlcuding estuarine open water)		23.64	2.05	13.28	30.16	16.2	**85.33**	23.64	2.05	13.28	30.16	11.62	**80.75**
Plant Communities		22.04	0.04	11.33	26.15	14.51	**74.07**	22.04	0.04	11.33	26.15	10.36	**69.92**
Canal Relocation (Linear Feet)					3,900	3,235	**7,135**				3,900		**3,900**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.06	13.46	22.54	14.71	**70.96**	18.19	2.06	24.55	22.54	8.13	**75.47**
CAMA Resources (acres)													
Estuarine Public Trust Waters		0.27	1.99	1.31			**3.57**	0.27	1.99	1.31			**3.57**
Inland Public Trust							**0**						**0**
Inland Public Trust Waters Shorelines (30							**0**						**0**
Estuarine Public Trust Waters Shorelines (75			0.02		1.45		**1.47**		0.02		1.45		**1.47**
Outstanding Resource Waters Shorelines (575		19.88		11.09	0.11		**31.08**	19.88		11.09	0.11		**31.08**
Coastal Wetlands		0.23	0.01	1.64	0.86	0	**2.74**	0.23	0.01	1.64	0.86		**2.74**
Total CAMA Resources		20.38	2.02	14.04	2.42	0	**38.86**	20.38	2.02	14.04	2.42	0	**38.86**
Wetlands (acres)	**ACRES**												
	Cowardin Wetland Type	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 2 (4B)**	**Dare North 2 (4G2)**	**Dare Southside Widening (4B)**	**Dare Southside Widening (4B)**	**TOTAL EL 9**	**Tyrrell North (2D2)**	**Bridge Corridor - Dare North 2 (4B)**	**Dare North 2 (4G2)**	**Dare Southside Widening (4B)**	**Dare Northside Widening (4C)**	**TOTAL EL 10**
	PEM1A						**0**						**0**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.01	1.62	1.62		**3.25**		0.01	1.62	1.62		**3.25**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B					0.02	**0.02**					5.97	**5.97**
	PFO1/4C						**0**						**0**
	PFO1/4E				1.23	4.87	**6.1**				1.23		**1.23**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A				0.06		**0.06**				0.06		**0.06**
	PFO4B	0.16		0.43			**0.59**	0.16		0.43			**0.59**
	PFO4/1A				1.11		**1.11**				1.11		**1.11**
	PFO4/1B						**0**						**0**
	PFO4/1E		0.03		11.5	8.15	**19.68**		0.03		11.50	0.94	**12.47**
	PFO4/1F		0.03	6.65			**6.68**		0.03	6.65			**6.68**
	PSS1A				0.32		**0.32**				0.32		**0.32**
	PSS1B						**0**						**0**
	PSS1E						**0**						**0**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A						**0**						**0**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.08**	**8.70**	**15.84**	**13.04**	**55.77**	**18.11**	**0.08**	**8.70**	**15.84**	**6.91**	**49.64**

EAST LAKE ALTERNATIVES													
		EL 11 Subsections and Alternatives						EL 12 Subsections and Alternatives					
		-----	-----	4-1	4-2	4-3		-----	-----	4-1	4-2	4-3	
Impact Category		Tyrrell North (2D)	Dare North 2 Section 3 (3B)	Dare North 2 Alignment 4G3	Dare Northside Widening (4C)	Dare Northside Widening (4C)	TOTAL EL 11	Tyrrell North (2D)	Dare North 2 Section 3 (3B)	Dare North 2 Alignment 4G3	Dare Northside Widening (4C)	Dare Southside Widening (4B)	TOTAL EL 12
Length	Feet	4,382.40	16,830	3,099	8,115	3,215	**35,641.40**	4,382.40	16,830	3,099	8,115	3,215	**35,641.40**
	Miles	0.83	3.19	0.58	1.54	0.61	**6.75**	0.83	3.19	0.58	1.54	0.61	**6.75**
BUILT ENVIRONMENT													
UST													
Neighborhood Disturbance					East Lake	East Lake	**East Lake**				East Lake	East Lake	**East Lake**
Historic Resource			Lindsay C.				**Lindsay C.**		Lindsay C.				**Lindsay C.**
Residence					12		**12 Residences**				12		**12 Residences**
Business													
Church													
Cemetery													
Other					7 Sheds		**7 Sheds**				7 Sheds		**7 Sheds**
MANAGED RESOURCES (ACRES)													
Alligator Creek/Second Creek Swamp Forest		22.25	0.04				**22.29**	22.25	0.04				**22.29**
Alligator River National					0.66	10.33	**10.99**				0.66	14.44	**15.10**
Alligator River Swamp							**0**						**0**
Alligator River/South Lake						4.06	**4.06**					0.10	**0.10**
Great Dismal Swamp							**0**						**0**
J. Morgan Futch Gameland							**0**						**0**
Mashoes Pocosin							**0**						**0**
Palmetto-Peartree Preserve							**0**						**0**
Roanoke/Stumpy Point							**0**						**0**
Scuppernong River Swamp							**0**						**0**
NATURAL ENVIRONMENT (ACRES)													
Prime Farmland							0						0
Soils Impacts (inlcuding estuarine open water)		23.64	2.05	13.05	29.81	11.62	**80.17**	23.64	2.05	13.05	29.81	16.2	**84.75**
Plant Communities		22.04	0.04	11.76	25.33	10.36	**69.53**	22.04	0.04	11.76	25.33	14.51	**73.68**
Canal Relocation (Linear Feet)							**0**					3,235	**3,235**
Navigable Channel							**0**						**0**
T&E Species Habitat		7.43					**7.43**	7.43					**7.43**
Essential Fish Habitat		18.19	2.06	22.4	17.74	8.13	**68.52**	18.19	2.06	22.4	17.74	14.71	**75.10**
CAMA Resources (acres)													
Waters		0.27	1.99	0.13			**2.39**	0.27	1.99	0.13			**2.39**
Inland Public Trust Waters				0.51	1.28		**1.79**			0.51	1.28		**1.79**
Inland Public Trust Waters Shorelines (30 feet)							**0**						**0**
Estuarine Public Trust Waters Shorelines (75 feet)			0.02		6.76		**6.78**		0.02		6.76		**6.78**
Outstanding Resource		19.88		11.86	0.10		**31.84**	19.88		11.86	0.10		**31.84**
Coastal Wetlands		0.23	0.01	0.09	0.01		**0.34**	0.23	0.01	0.09	0.01		**0.34**
Total CAMA Resources		20.38	2.02	12.59	8.15		**43.14**	20.38	2.02	12.59	8.15		**43.14**
Wetlands (acres)	**ACRES**												
	Cowardin Wetland Type	Tyrrell North (2D2)	Bridge Corridor Dare North 2 (4G)	Dare North 2 (4G3)	Dare Northside Widening (4C)	Dare Northside Widening (4C)	TOTAL EL 11	Tyrrell North (2D2)	Bridge Corridor - Dare North 2	Dare North 2 (4G3)	Dare Northside Widening (4C)	Dare Southside Widening (4B)	TOTAL EL 12
	PEM1A			0.10			**0.10**			0.10			**0.1**
	PEM1B						**0**						**0**
	PEM1CH						**0**						**0**
	PEM1Df						**0**						**0**
	PEM1E						**0**						**0**
	PEM1Hx						**0**						**0**
	PEM1P		0.01	0.36	0.01		**0.38**		0.01	0.36	0.01		**0.38**
	PFO1E						**0**						**0**
	PFO1F						**0**						**0**
	PFO1/Hh						**0**						**0**
	PFO1/2H	17.95	0.01				**17.96**	17.95	0.01				**17.96**
	PFO1/4B				0.04	5.97	**6.01**				0.04	0.02	**0.06**
	PFO1/4C						**0**						**0**
	PFO1/4E				1.14		**1.14**				1.14	4.87	**6.01**
	PFO1/4F						**0**						**0**
	PFO3/4B						**0**						**0**
	PFO4A				0.35		**0.35**				0.35		**0.35**
	PFO4B	0.16					**0.16**	0.16					**0.16**
	PFO4/1A				0.12		**0.12**				0.12		**0.12**
	PFO4/1B						**0**						**0**
	PFO4/1E		0.03		0.03	0.94	**1.00**		0.03		0.03	8.15	**8.21**
	PFO4/1F		0.03	8.23	0.82		**9.08**		0.03	8.23	0.82		**9.08**
	PSS1A				0.04		**0.04**				0.04		**0.04**
	PSS1B						**0**						**0**
	PSS1E				0.25		**0.25**				0.25		**0.25**
	PSS1F						**0**						**0**
	PSS1/3F						**0**						**0**
	PSS1/4A						**0**						**0**
	PSS1/4E						**0**						**0**
	PSS4/1A				2.69		**2.69**				2.69		**2.69**
	PSS4/1E						**0**						**0**
	E2EM1						**0**						**0**
	E2SS3P						**0**						**0**
	TOTAL	**18.11**	**0.08**	**8.69**	**5.49**	**6.91**	**39.28**	**18.11**	**0.08**	**8.69**	**5.49**	**13.04**	**45.41**

EAST LAKE ALTERNATIVES					
Impact Category		EL 13 Alternatives			
		Tyrrell North (2D)	Section 3 (3C)	Dare Northern Bypass (4D)	TOTAL EL 13
Length	Feet	4,382.40	19,900	12,302	**36,584.80**
	Miles	0.83	3.77	2.33	**6.93**
BUILT ENVIRONMENT					
UST					
Neighborhood Disturbance					
Historic Resource			Lindsay C. Warren Bridge		**Lindsay C. Warren Bridge**
Residence					
Business					
Church					
Cemetery					
Other					
MANAGED RESOURCES (ACRES)					
Alligator Creek/Second Creek		22.25	0.04		**22.29**
Alligator River National Wildlife			0.02	16.75	**16.77**
Alligator River Swamp Forest					**0**
Alligator River/South Lake Swamp			0.15	33.15	**33.30**
Great Dismal Swamp Wetland					**0**
J. Morgan Futch Gameland					**0**
Mashoes Pocosin					**0**
Palmetto-Peartree Preserve					**0**
Roanoke/Stumpy Point Marshes					**0**
Scuppernong River Swamp Forest					**0**
NATURAL ENVIRONMENT (ACRES)					
Prime Farmland					**0**
Soils Impacts (inlcuding estuarine		23.64	2.30	50.63	**76.57**
Plant Communities (including		22.04	0.17	50.28	**72.49**
Canal Relocation (Linear Feet)					**0**
Navigable Channel					**0**
T&E Species Habitat		7.43			**7.43**
Essential Fish Habitat		18.19	2.31	48.15	**68.65**
CAMA Resources (ACRES)					
Estuarine Public Trust Waters		0.27	2.13		**2.4**
Inland Public Trust Waters					**0**
Inland Public Trust Waters					**0**
Estuarine Public Trust Waters			0.02		**0.02**
Outstanding Resource Waters		19.88			**19.88**
Coastal Wetlands		0.23			**0.23**
Total CAMA Resources (acres)		20.38	2.15	0	**22.53**
Wetlands (acres)	**ACRES**				
	Cowardin Wetland Type	**Tyrrell North (2D2)**	**Bridge Corridor 2**	**Dare Northern Bypass (4D)**	**TOTAL EL 13**
	PEM1A				**0**
	PEM1B				**0**
	PEM1CH				**0**
	PEM1Df				**0**
	PEM1E				**0**
	PEM1Hx				**0**
	PEM1P		0.15	4.00	**4.15**
	PFO1E				**0**
	PFO1F				**0**
	PFO1/Hh				**0**
	PFO1/2H	17.95	0.01		**17.96**
	PFO1/4B			10.05	**10.05**
	PFO1/4C				**0**
	PFO1/4E			19.76	**19.76**
	PFO1/4F			6.02	**6.02**
	PFO3/4B				**0**
	PFO4A				**0**
	PFO4B	0.16			**0.16**
	PFO4/1A				**0**
	PFO4/1B				**0**
	PFO4/1E			0.66	**0.66**
	PFO4/1F				**0**
	PSS1A				**0**
	PSS1B				**0**
	PSS1E				**0**
	PSS1F				**0**
	PSS1/3F				**0**
	PSS1/4A				**0**
	PSS1/4E				**0**
	PSS4/1A			7.31	**7.31**
	PSS4/1E				**0**
	E2EM1				**0**
	E2SS3P				**0**
	TOTAL	**18.11**	**0.16**	**47.8**	**66.07**

TYRRELL COUNTY		
Section 2 / Tyrrell North Alternative (2D) / 23-Foot-Wide Median		
Impact Category		
Length	Feet	4,382.40
	Miles	0.83
BUILT ENVIRONMENT		
UST		
Neighborhood Disturbance		
Historic Resource		
Residence		
Business		
Church		
Cemetery		
Other		
MANAGED RESOURCES (ACRES)		
Alligator Creek/Second Creek		22.25
Alligator River National		
Alligator River Swamp Forest		
Alligator River/South Lake		
Great Dismal Swamp		
J. Morgan Futch Gameland		
Mashoes Pocosin		
Palmetto-Peartree Preserve		
Roanoke/Stumpy Point		
Scuppernong River Swamp		
NATURAL ENVIRONMENT (ACRES)		
Prime Farmland		
Soils Impacts (inlcuding		23.64
Plant Communities		22.04
Canal Relocation (Linear		
Navigable Channel		
T&E Species Habitat		7.43
Essential Fish Habitat		18.19
CAMA Resources (ACRES)		
Estuarine Public Trust Waters		0.27
Inland Public Trust Waters		
Inland Public Trust Waters		
Estuarine Public Trust Waters		
Outstanding Resource Waters		19.88
Coastal Wetlands		0.23
Total CAMA Resources		20.38
Wetlands (acres)	**ACRES**	
	Cowardin Wetland Type	
	PEM1A	
	PEM1B	
	PEM1CH	
	PEM1Df	
	PEM1E	
	PEM1Hx	
	PEM1P	
	PFO1E	
	PFO1F	
	PFO1/Hh	
	PFO1/2H	17.95
	PFO1/4B	
	PFO1/4C	
	PFO1/4E	
	PFO1/4F	
	PFO3/4B	
	PFO4A	
	PFO4B	0.16
	PFO4/1A	
	PFO4/1B	
	PFO4/1E	
	PFO4/1F	
	PSS1A	
	PSS1B	
	PSS1E	
	PSS1F	
	PSS1/3F	
	PSS1/4A	
	PSS1/4E	
	PSS4/1A	
	PSS4/1E	
	E2EM1	
	E2SS3P	
	TOTAL	**18.11**