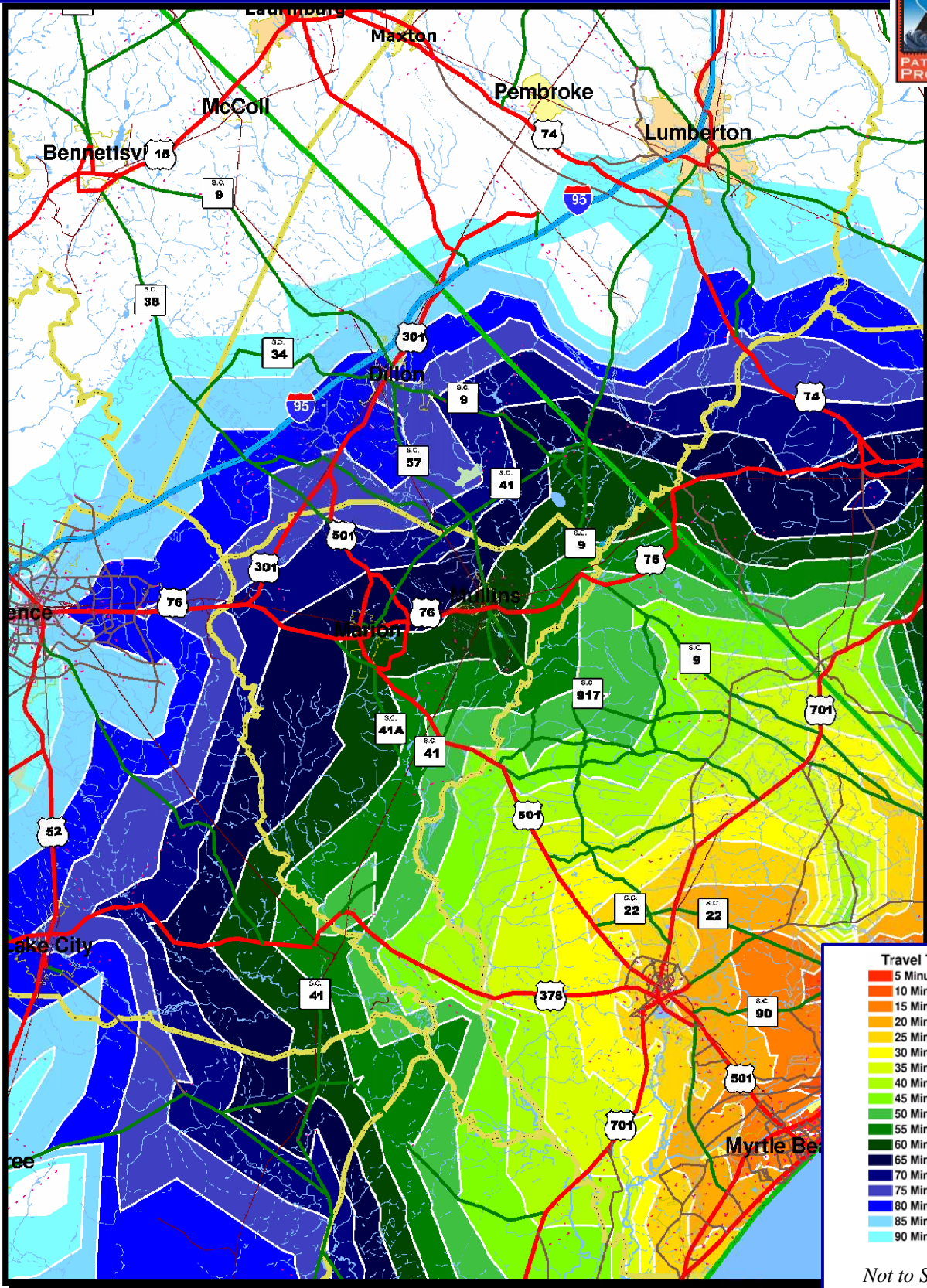




**Table 2.5
REASONABLE ALTERNATIVE MATRIX
Interstate 73 EIS: I-95 to the Myrtle Beach Region**

CATEGORY	UNIT OF MEASURE	ALTERNATIVE								
		1	2	3	4	5	6	7	8	
PURPOSE AND NEED	System Linkage	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Economic Development	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Hurricane Evacuation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Local Traffic Congestion	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Multimodal Planning	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
ENGINEERING CRITERIA	Length	Miles	44.9	47.7	44.2	42.6	48.3	43.6	46.0	44.3
	Design Criteria	Meets/Does Not Meet	Meets	Meets	Meets	Meets	Meets	Meets	Meets	Meets
	Constructability	Scale 1-6 (1 highest)	4	3	1	6	3	1	4	4
	Construction Cost	Year 2011 Dollars (Billions)	1.492	1.547	1.290	1.392	1.430	1.406	1.350	1.595
NATURAL FEATURES	Threatened and Endangered Species	Yes (#) / No	No	No	No	No	No	No	No	No
	Species of Concern	Yes (#) / No	Yes (1)	No	No	Yes (1)	No	No	No	Yes (1)
	Wetlands	Acreage	417.5	443.6	384.1	497.0	412.9	413.1	492.1	448.6
	Fill	Acreage	372.8	386.6	352	453.2	372.9	365	453.0	386.8
	Bridge	Acreage	44.8	57.0	32	43.9	40.1	48	39.2	61.8
	Wetland Quality	Value	2,919.4	2,869.4	2,486.1	3,212.4	2,816.1	2,588.4	3,105.8	2,976.8
	Fill	Value	2,556.0	2,408.5	2,228.5	2,847.0	2,481.4	2,212.5	2,769.3	2,486.1
	Bridge	Value	363.5	460.9	257.6	365.4	334.7	375.9	336.4	490.7
	Streams									
	Total Crossings	# of Crossings	60	62	58	45	56	64	41	66
	Perennial	# (Linear Feet)	52 (18,086)	54 (18,052)	48 (16,243)	35 (12,891)	49(15,878)	53 (18,420)	32 (10,863)	57(20,260)
	Intermittent	# (Linear Feet)	8 (1,968)	8(3,070)	10(3,770)	10 (4,877)	7(3,060)	11 (3,780)	9 (5,969)	9(1,978)
	Water Quality									
	Outstanding Resource Water	# of Crossings	10	10	5	10	10	5	9	10
	303(d) Impaired	# of Crossings	3	6	3	6	2	7	5	7
Habitat	Unique	No	No	No	No	No	No	No	No	
Uplands	Acreage	2,139	2,210	1,923	1,884	2,154	1,979	1,899	2,194	
Floodplains	Acreage	173	193	94	321	176	111	323	191	
MAN-MADE FEATURES	Hazardous Material Sites	#	2	3	1	2	2	4	2	3
	Parks and Wildlife Refuges	Yes (#) / No	0	0	1	0	0	1	0	0
	Historical Structures	Yes (#) / No	1 Visual	2 Visual	1 Visual	1 Direct	1 Visual	2 Visual	1 Visual, 1 Direct	2 Visual
	High Potential Area for Archaeological Sites	Acreage	1,086	1,144	1,032	991	1,149	1,028	1,057	1,078
	Noise (R= Residential, C= Church)	#	18R, 1C	19R	37R	17R	22R, 1C	41R	20R	15R
	Farmland	Acreage	1,993	2,009	1,708	1,717	2,136	1,835	1,781	2,155
	Prime	Acreage	1,046	1,319	1,094	868	1,344	1,147	1,036	1,159
	Unique	Acreage	0	0	0	0	0	0	0	0
Statewide Important	Acreage	947	690	614	849	792	688	745	996	
SOCIOECONOMIC ISSUES	Community Impacts	Scale 1-6 (1 least impact)	5	3	2	3	2	4	1	5
	Total Relocations	#	121	92	88	74	98	80	51	116
	Residential Relocations	#	109	82	81	61	93	68	45	98
	Commercial Relocations	#	12	10	7	13	5	12	6	18
	Environmental Justice	Yes / No	No	No	No	No	No	No	No	No
INFRASTRUCTURE	Airports	#	0	0	0	0	0	0	0	0
	Fire Stations	#	0	0	0	0	0	0	0	0
	Schools	#	0	0	0	0	0	0	0	0
	Churches	#	0	3	0	0	0	3	0	3
	Cemeteries	#	0	0	0	0	0	0	0	0



Not to Scale



FIGURE 2-15
2030 AADT TRAVEL TIME
NO BUILD