



ALTERNATIVES BY SEGMENT AND COMMUNITY AND ENVIRONMENTAL DATA



The Preliminary Alternative Corridors recommended for detailed study can be combined in various ways to form complete alternative routes connecting the two ends of the project – NC 55 Bypass in Apex and the US 64/US 264 Bypass in Knightdale. These combinations create seventeen possible alternative routes for a new location roadway for the Complete 540 project.

The guide below illustrates these combinations and shows preliminary community and environmental data that will be considered. NCDOT is conducting detailed studies along each of these alternative routes to determine the potential impact.

ALTERNATIVES



COMMUNITY AND ENVIRONMENTAL DATA

		Length (miles)	Homes or Businesses	Parks (existing or planned)	Streams (linear ft.)	Wetlands (acres)	100-Year Floodplain (acres)	
Alternative 1	Orange Green	27.4	217	0	36,110	88	140	Alternative 1
Alternative 2	Orange Green Mint Green Green	27.5	220	0	37,140	93	147	Alternative 2
Alternative 3	Orange Brown Tan Green	27.9	204	1	37,280	91	146	Alternative 3
Alternative 4	Orange Brown Green	28.2	187	1	36,410	89	114	Alternative 4
Alternative 5	Orange Green Teal Brown Green	28.4	209	0	36,270	89	114	Alternative 5
Alternative 6	Orange Red Green	23.9	404	2	24,520	44	129	Alternative 6
Alternative 7	Orange Red Mint Green Green	24.0	407	2	25,350	48	136	Alternative 7
Alternative 8	Orange Purple Blue Lilac Green	29.8	353	1	36,840	47	137	Alternative 8
Alternative 9	Orange Purple Blue Lilac Green Mint Green Green	29.9	356	1	37,870	51	145	Alternative 9
Alternative 10	Orange Purple Blue Lilac Brown Tan Green	30.5	338	2	38,260	50	144	Alternative 10
Alternative 11	Orange Purple Blue Lilac Brown Green	30.9	321	2	37,390	48	111	Alternative 11
Alternative 12	Orange Purple Blue Lilac Green Teal Brown Green	30.9	345	1	37,000	48	111	Alternative 12
Alternative 13	Orange Lilac Green	26.4	366	0	33,140	56	104	Alternative 13
Alternative 14	Orange Lilac Green Mint Green Green	26.4	369	0	34,160	60	111	Alternative 14
Alternative 15	Orange Lilac Brown Tan Green	27.0	351	0	34,550	59	110	Alternative 15
Alternative 16	Orange Lilac Brown Green	27.4	334	0	33,690	57	78	Alternative 16
Alternative 17	Orange Lilac Green Teal Brown Green	27.4	358	0	33,290	57	78	Alternative 17

Notes: 1) These data were calculated within a 300-foot wide conceptual right-of-way. 2) Right-of-way width varies according to widening requirements at interchanges.