

# DCHC MPO - Alternatives Analysis

## Peak Speed by Corridor

Route	Peak Speed (mph)					
	2015 Base Year	2045 E+C	Mod-MTP	Mod-Hwy	Asp-Transit	Asp-MTP
<b>I-40</b>						
I-40 EB (NC147 to NC 540)	51	32	37	38	41	40
I-40WB (NC 540 to NC147)	56	43	50	49	46	47
I-40EB (US 15/501 to NC 147)	52	27	33	30	39	39
I-40WB (NC 147 to US 15/501)	52	36	38	37	40	40
I-40EB (NC86 to US 15/501)	50	40	55	58	54	54
I-40WB (US 15/501 to NC86)	51	22	42	47	47	47
I-40EB (I-85 to NC 86)	57	54	62	61	61	61
I-40WB (NC 86 to I-85)	59	39	53	53	57	58

### NC 147

NC 147 EB (Chapel Hill Street to I-40)	48	34	41	36	43	43
NC 147 WB (I-40 to Chapel Hill Street)	52	35	43	42	45	44
NC 147 EB (I-85 to Chapel Hill Street)	54	49	52	51	53	53
NC 147 WB (Chapel Hill Street to I-85)	52	41	49	50	50	50

### I-85

I-85 NB (I-40 to US 15/501)	64	38	56	52	59	59
I-85 SB (US 15/501 to I-40)	60	33	48	49	53	52
I-85 NB (US 15/501 to US 70)	58	43	42	42	49	48
I-85 SB (US 70 to US 15/501)	62	53	53	56	57	57
I-85 NB ( US 70 to Granville County)	59	23	24	33	41	41
I-85 SB (Granville County to US 70 )	64	59	60	63	63	63

### US 70

US 70 EB (Miami to NC 540)	29	14	15	15	17	17
US 70 WB (NC 540 to Miami)	33	15	26	26	26	27
US 70 EB (I-85 to East End Conn)	51	51	58	58	58	58
US 70 WB (East End Conn to I-85)	53	42	43	44	45	45
NC 98 EB (US 70 to Wake County )	34	14	17	18	24	23
NC 98 WB (Wake County to US 70)	44	35	41	41	41	42
US 501 NB (I-85 to Roxboro Road)	26	17	21	22	21	21
US 501 SB (Roxboro Road to I-85)	29	29	30	30	29	29
US 15/501 NB (I-40 to I-85)	40	18	20	20	28	28
US 15/501 SB (I-85 to I-40)	35	23	22	23	27	27
US 15/501 NB (Columbia St to I-40)	23	13	20	20	20	20
US 15/501 SB (I-40 to Columbia Street)	23	13	21	21	21	21

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Route	2015 Base Year	2045 E+C	Mod-MTP	Mod-Hwy	Asp-Transit	Asp-MTP
NC 54 WB (I-40 to US 15/501)	21	10	16	16	19	18
NC 54 EB (US 15/501 to I-40)	19	7	13	13	14	14
NC 86 NB (US 15/501 to I-40)	23	12	15	15	17	17
NC 86 SB (I-40 to US 15/501)	23	13	16	16	18	18
US 15/501 (Lystra Road to NC 54)	36	37	35	34	35	35
US 15/501 (NC 54 to Lystra Road)	30	16	20	21	23	23
NC 54 (Bethel Hickory Gr Rd to W. Main St)	46	46	46	46	46	46
NC 54 (W. Main St to Bethel Hickory Gr Rd)	44	28	36	35	43	43
Miami Blvd (I-40 to US 70)	30	23	27	26	29	28
Miami Blvd (US 70 to I-40)	34	29	32	31	31	31
US 70 (East End Conn to Miami Blvd)	28	64	59	58	57	57
US 70 (Miami Blvd to East End Conn)	28	65	62	62	59	59
US 15 Bus (US 15/501 to NC 147)	29	22	24	24	25	25
US 15 Bus (NC 147 to US 15/501)	28	22	24	23	25	24
NC 751 (Chatham County to I-40)	36	22	34	33	37	37
NC 751 (I-40 to Chatham County)	20	9	25	19	26	26
Fayetteville Road (NC 751 to I-40)	28	27	32	32	32	32
Fayetteville Road (I-40 to NC 751)	25	19	30	27	29	29
NC 54 (I-40 to Fayetteville Road)	27	11	20	19	27	27
NC 54 (Fayetteville Road to I-40)	30	20	27	26	31	31
NC 751-HVR (I-40 to Martin Luther King Jr)	30	21	25	25	28	28
NC 751-HVR (Martin Luther King Jr Pkwy to I-40)	29	21	25	24	26	26
Garrett Road (NC 54 to US 15/501)	28	18	25	26	27	27
Garrett Road (US 15/501 to NC 54)	27	17	25	24	27	27
Fayetteville Road (I-40 to E Cornwallis)	29	23	25	25	28	28
Fayetteville Road (E Cornwallis to I-40)	25	25	26	26	27	27