

DRAFT Urban Loop Prioritization Process - Data and Results

September 27, 2010

TIP #	Area	Route	Description	Improvement Type	Length (miles)	Total Remaining R/W + Const. + Util. Cost	Non-Loop Funding (Federal & State only)	Total Remaining Loop Funding Needed	Needs - Safety (Loop) Points	Weighted Volume-to-Capacity Ratio	Needs - Mobility (Loop) Points	Travel Time Savings (VHT) - Individual Project	Travel Time Savings - Individual Project Points	Travel Time Savings (VHT) - All Loop Projects	Travel Time Savings - All Loop Projects Points	Economic Development Points	2035 Average Loop Traffic (ADT)	Forecasted ADT Points	2035 Truck Volumes	Freight Points	Multi-modal Options (Managed Lanes or Rapid Transit)	Multi-modal Points	# Parcels Purchased	In Protected Corridor?	Protected Corridor / Partial R/W Acquired Points	Connectivity Route Length	Connectivity Factor (% Decrease in Length)	Total Points	Priority Ratio
Weight Segments									5%		10%		10%		15%	15%		10%		10%		5%			10%		10%		
U-3321	Gastonia	Garden Parkway	<i>I-85 West Of Gastonia To NC 150 In Mecklenburg County</i>	New Location	21.7	\$739,000,000	\$738,999,999	\$1	56	0.94	94	37,514	38	49,503	50	76.26	20,257	20.26	3,700	37.00	None	0		No	0	24.4	12.44	41.79	4,178,587,791.60
U-4722	Durham	US 501 (Roxboro Road)	US 501 Bypass (Duke Street) To SR 1640 (Goodwin Road)	Existing	2.6	\$28,480,000		\$28,480,000	78	0.91	91	-1,529	0	9,615	10	46.40	50,400	50.40	1,300	13.00	None	0		No	0	2.6	0.00	27.74	97.41
R-4902	Charlotte	I-485	I-77 South To US 521	Existing	6.4	\$62,850,000		\$62,850,000	56	1.82	100	7,031	7	14,947	15	70.09	115,855	100.00	20,300	100.00	None	0		Yes	100	6.6	3.12	56.57	90.01
U-4434	Wilmington	Independence Blvd Ext.	Randall Parkway to the Martin Luther King Jr. Parkway	Part Existing, Part New Location	1.7	\$56,075,000		\$56,075,000	89	0.98	98	3,610	4	95,165	95	23.95	41,035	41.04	3,700	37.00	None	0		No	0	3.3	94.12	49.69	88.62
I-4743	Durham	I-85	US 70 To SR 1632 (Red Mill Road)	Existing	3.5	\$102,515,000		\$102,515,000	33	0.68	68	-988	0	9,615	10	46.95	97,300	97.30	23,400	100.00	None	0		No	0	3.5	0.00	36.66	35.77
X-0002 (B&C)	Fayetteville	I-295	East Of NC 210 (Murchison Rd) To US 401 (Ramsey St)	New Location	5.0	\$139,500,000		\$139,500,000	89	0.86	86	8,028	8	17,999	18	19.04	35,681	35.68	6,600	66.00	None	0	120	Yes	100	7.8	56.00	45.18	32.38
U-0071	Durham	East End Connector	NC 147 To North Of NC 98	Part Existing, Part New Location	3.2	\$153,981,250		\$153,981,250	11	0.91	91	1,669	2	9,615	10	49.71	78,000	78.00	8,700	87.00	None	0	4	No	50	6.2	93.15	49.53	32.17
R-2721/R-2828	Raleigh	<i>NC 540 (Southern Wake Freeway)</i>	<i>NC 55 (South) To I-40</i>	New Location	16.8	\$550,000,000	\$334,945,272	\$215,054,728	67	0.92	92	40,119	40	54,588	55	65.51	34,056	34.06	10,300	100.00	None	0	17	Yes	75	26.3	56.55	61.14	28.43
R-2633B	Wilmington	1-140/US 17	US 74/76 East of Malmo To US 421 North Of Wilmington	New Location	7.8	\$247,720,561		\$247,720,561	44	0.79	79	49,812	50	95,165	95	24.76	64,090	64.09	9,600	96.00	None	0	8	No	50	11.7	50.00	59.08	23.85
U-2524 (C&D)	Greensboro	I-840 (Western Loop)	North Of Bryan Blvd To Lawndale Drive	New Location	4.9	\$233,975,000		\$233,975,000	44	1.04	100	64,843	65	76,787	77	36.23	33,016	33.02	5,600	56.00	None	0	11	Yes	75	5.4	10.20	53.06	22.68
R-2608	Gastonia	Garden Parkway	<i>I-85 West Of Gastonia To US 321 North Of Gastonia</i>	New Location	7.3	\$157,500,000		\$157,500,000	33	0.73	73	3,938	4	49,503	50	53.13	17,847	17.85	2,000	20.00	None	0		No	0	8.8	20.55	30.58	19.41
U-2525 (B&C)	Greensboro	I-840 (Eastern Loop)	Lawndale Drive To US 70	New Location	10.4	\$293,050,000		\$293,050,000	33	1.01	100	66,674	67	76,787	77	37.90	33,760	33.76	6,900	69.00	None	0	12	Yes	75	10.2	0.00	53.30	18.19
U-4720	Durham	US 70	Lynn Road To The Proposed Northern Durham Parkway	Existing	7.8	\$237,400,000		\$237,400,000	89	0.94	94	-2,251	0	9,615	10	50.36	82,800	82.80	11,000	100.00	None	0		No	0	7.8	0.00	41.13	17.32

Turnpike projects are denoted in italics. Non-Looping funding for Turnpike projects are rough estimates of tolling revenues (and gap funding if applicable). These estimates are not "Decision Grade" estimates.

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R-2829	Raleigh	NC 540 (Eastern Wake Freeway)	I-40 To US 64/264 Bypass	New Location	10.6	\$435,000,000	\$165,684,097	\$269,315,903	22	0.83	83	17,974	18	54,588	55	63.39	29,400	29.40	8,800	88.00	None	0		No	0	14.7	38.68	44.50	16.52
R-2250	Greenville	Greenville Southwest Bypass	NC 11 To US 264 Greenville Bypass	New Location	12.0	\$217,225,000		\$217,225,000	67	0.54	54	15,487	15	15,487	15	19.44	31,084	31.08	3,900	39.00	None	0	1	Yes	75	13.4	11.67	31.21	14.37
R-2247	Winston-Salem	Northern Beltway - Western Section	I-40 To US 52	New Location	14.8	\$454,687,500		\$454,687,500	33	0.75	75	66,246	66	76,427	76	33.21	26,712	26.71	4,800	48.00	None	0	32	Yes	75	18.3	23.65	49.56	10.90
U-4721	Durham	Northern Durham Parkway	I-540 To US 501 (Roxboro Road)	Part Existing, Part New Location	18.0	\$261,337,500		\$261,337,500	67	0.74	74	4,390	4	9,615	10	53.45	28,300	28.30	900	9.00	None	0		No	0	18.0	0.00	24.38	9.33
U-4738	Wilmington	Cape Fear Skyway	US 17 In Brunswick County To US 421 In New Hanover County	New Location	9.8	\$752,000,000	\$192,530,748	\$559,469,252	56	0.85	85	26,837	27	95,165	95	48.15	37,159	37.16	5,600	56.00	None	0		Yes	50	10.3	5.10	50.31	8.99
I-2513	Asheville	I-26 Connector	I-26 To US 19/23/70	Part Existing, Part New Location	5.1	\$555,508,037		\$555,508,037	44	1.06	100	17,782	18	17,782	18	40.10	70,206	70.21	14,900	100.00	None	0	1	No	50	5.5	7.84	45.47	8.18
U-2519	Fayetteville	I-295	I-95 South Of Fayetteville To West Of NC 24/87 (Bragg Boulevard)	New Location	20.2	\$488,550,000		\$488,550,000	89	0.58	58	8,207	8	17,999	18	29.34	32,900	32.90	5,300	53.00	None	0	29	Yes	75	21.3	5.45	34.81	7.12
U-2579	Winston-Salem	I-74 (Northern Beltway - Eastern Section)	US 52 To US 311	New Location	16.8	\$839,470,200		\$839,470,200	22	0.77	77	71,719	72	76,427	76	37.81	51,759	51.76	8,800	88.00	None	0	174	Yes	75	17.6	4.76	55.06	6.56

Interchanges

TIP #	Area	Route	Description	Improvement Type	Length (miles)	Total Remaining R/W + Const. Cost	Non-Loop Funding (Federal & State only)	Total Remaining Loop Funding Needed	Needs - Safety (Y-line) Points	Weighted V/C (Y-line)	Needs - Mobility (Y-line) Points	Travel Time Savings (VHT) - Individual Project	Travel Time Savings - Individual Project Points	Travel Time Savings (VHT) - All Loop Projects	Travel Time Savings - All Loop Projects Points	Economic Development Points	2035 Average Y-line ADT (Weighted from Model)	Forecasted ADT Points	2035 Y-line Truck Volumes	Freight Points	Multi-modal Options (Managed Lanes or Rapid Transit)	Multi-modal Points	# Parcels Purchased	In Protected Corridor?	Protected Corridor / Partial R/W Acquired Points	Connectivity Route Length	Connectivity Factor (% Decrease in Length)	Total Points	Priority Ratio
Weight									5%		10%		10%		15%	15%		10%		10%		5%			10%		10%		
U-2524F	Greensboro	I-840 (Western Loop)	New Interchange at Lewiston-Fleming Road Extension	New Interchange		\$13,908,000		\$13,908,000	83	0.84	84	623	1	76,787	77	27.59	38,318	38.32	900	9.00	None	0		Yes	75		0.00	40.50	291.20
U-4436	Wilmington	I-140	New Interchange at Blue Clay Road	New Interchange		\$10,828,000		\$10,828,000	67	0.65	65	1,079	1	95,165	95	17.00	17,890	17.89	700	7.00	None	0		No	0		0.00	29.27	270.33
U-2525D	Greensboro	I-840 (Eastern Loop)	New Interchange at Cone Blvd	New Interchange		\$14,080,000		\$14,080,000	50	0.76	76	867	1	76,787	77	27.22	36,849	36.85	600	6.00	None	0		Yes	75		0.00	37.57	266.85
R-211 EC	Charlotte	I-485	New Interchange at Weddington Road	New Interchange		\$26,558,400		\$26,558,400	67	1.07	100	7,829	8	14,947	15	49.52	24,843	24.84	900	9.00	None	0	5	Yes	50		0.00	32.19	121.19

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