

Franklin Major Thoroughfare Plan Short Range Projects (2015 Horizon Year)

Project No.	State Route #	Functional Class	Roadway	From	To	Length (miles)	Project Description	City Limits	Cost Estimate	2008 Volume	2008 Peak V/C Ratio	2008 Peak LOS	2035 Volume (E+C)	2035 Peak V/C Ratio (E+C)	2035 LOS (E+C)	2035 Volume (E+C+I)	2035 Peak V/C Ratio (E+C+I)	2035 LOS (E+C+I)
1	SR 106	Arterial	Hillsboro Road	SR 96 West	Mack Hatcher Parkway	1.1	Widen From 3 to 4 Lanes	Y	\$26,026,000	18,900	1.02	F	27,500	1.14	F	26,100	0.97	E
2		Arterial	McEwen Drive	Carothers Parkway	Cool Springs Boulevard	1.0	Widen From 2 to 4 Lanes	Y	\$14,247,000	12,900	0.69	C	21,200	1.06	F	27,100	0.85	D
3		Collector	South Carothers Road	Exist. 90-Degree Curve	Ladd Park Development	1.6	New 4 Lane Road	Y	\$15,267,885	N/A	N/A	N/A	5,900	0.62	C	2,166	0.21	A
4		Collector	South Carothers Road	Ladd Park Development	Long Lane	0.9	New 4 Lane Road	Y	\$8,588,185	N/A	N/A	N/A	2,600	0.24	A	1,754	0.09	A
5		Collector	South Carothers Road	Long Lane	Peytonsville Road extension	0.4	New 4 Lane Road	Y	\$3,816,971	N/A	N/A	N/A	2,000	0.17	A	1,135	0.06	A
6	SR 96	Collector	3rd Avenue North	5th Avenue North	North Margin Street	0.2	New 2 Lane Road	Y	\$3,960,000	N/A	N/A	N/A	N/A	N/A	N/A	1,900	0.29	A
7		Collector	McEwen Drive	Cool Springs Boulevard	Wilson Pike	2.5	Widen From 2 to 4 Lanes	Y	\$17,792,000	10,500	0.79	D	26,300	0.57	C	31,300	0.72	C
*8		Interstate	I-65	N/A	N/A	N/A	Reconstruct Peytonsville Road interchange	Y	\$25,108,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
9		Interstate	I-65	SR 840	SR 96	6.0	Widen From 4 to 8 Lanes	Both	\$94,560,000	66,200	0.92	E	130,900	0.98	E	131,400	0.93	E
10	SR 397	Arterial	Mack Hatcher Parkway	SR 96 West	Hillsboro Road	3.0	New 4 Lane Road	Y	\$92,000,000	N/A	N/A	N/A	45,200	0.74	C	44,000	0.67	C
11	SR 397	Arterial	Mack Hatcher Parkway	Columbia Pike	SR 96	3.0	Widen From 2 to 4 Lanes	Y	\$24,958,000	29,000	0.77	C	44,500	1.25	F	52,400	0.77	D
12	SR 397	Arterial	Mack Hatcher Parkway	Franklin Road	SR 96	2.7	Widen From 2 to 4 Lanes	Y	\$27,503,000	26,900	0.77	D	48,800	0.71	C	49,300	0.69	C
13	SR 6	Arterial	Franklin Road	Mack Hatcher Parkway	Moore's Lane	2.1	Widen From 2 to 4 Lanes	Y	\$19,300,000	21,400	0.95	E	47,100	1.42	F	46,100	1.08	F
14	SR 106	Arterial	Lewisburg Pike	Holly Hill Drive	Mack Hatcher Parkway	1.8	Widen From 2 to 4 Lanes	Y	\$18,402,000	14,000	1.08	F	34,500	1.03	F	32,600	0.89	E
15	SR 6	Arterial	Columbia Avenue (US 31)	Mack Hatcher Parkway	Downs Boulevard	1.4	Widen From 3 to 5 Lanes	Y	\$15,043,000	14,800	0.85	D	20,600	0.96	E	21,500	0.48	B
16	SR 6	Arterial	Franklin Road	Harpeth River Bridge	Harpeth Industrial Court	0.7	Widen From 2 to 3 Lanes	Y	\$3,472,000	18,900	0.94	E	20,400	1.07	F	21,900	1.08	F
17	SR 106	Arterial	Lewisburg Pike	Old Peytonsville Road	Holly Hill Drive	1.0	Widen From 2 to 4 Lanes	N	\$10,223,000	12,800	0.88	E	34,500	0.91	E	27,600	0.78	D
18	SR 106	Arterial	Lewisburg Pike	Goose Creek Bypass	Old Peytonsville Road	0.5	Widen From 2 to 4 Lanes	Y	\$7,192,000	8,800	0.72	C	25,000	0.66	C	21,900	0.56	C
19	SR 96	Arterial	SR 96	East of Arno Road	Wilson Pike	6.0	Widen From 2 to 4 Lanes	N	\$57,255,000	12,500	0.84	D	24,700	1.24	F	29,000	0.85	D
20		Collector	Boyd Mill Avenue	Franklin Green Parkway	Downs Boulevard	0.3	Improve Existing Lanes	Y	\$1,465,000	6,700	0.53	B	7,000	0.53	B	9,100	0.64	C
21		Collector	I-65 Underpass	Long Lane	Old Peytonsville Road	1.0	New 2 Lane Road	Y	\$3,200,000	N/A	N/A	N/A	N/A	N/A	N/A	3,500	0.52	B
22		Collector	Eddy Lane	Liberty Pike	Murfreesboro Road	0.7	Widen From 2 to 4 Lanes	Y	\$3,717,000	948	0.07	A	2,406	0.26	A	2,263	0.22	A
23	SR 246	Collector	Goose Creek Bypass	Lewisburg Pike	I-65	0.8	Widen From 2 to 4 Lanes	Y	\$8,111,000	12,500	0.65	C	40,700	0.88	E	37,500	0.78	D
24		Collector	Peytonsville Road Connector	Long Lane	Peytonsville Road	0.2	New 2 Lane Road	Y	\$1,415,000	N/A	N/A	N/A	N/A	N/A	N/A	1,300	0.09	A
25		Collector	Pratt Lane Connector	Peytonsville Road, east of I-65 interchange	Southern UGB	1.3	New 3 Lane Road	Y	\$9,225,000	N/A	N/A	N/A	N/A	N/A	N/A	300	0.02	A
Total									\$509,947,041									

*Interchanges are not modeled for v/c ratio or LOS

**Y=Within City Limits, N=Within Urban Growth Boundary but not City Limits, Both=Partially within City Limits and partially with Urban Growth Boundary but not City Limits

Franklin Major Thoroughfare Plan Mid Range Projects (2025 Horizon Year)

Project No.	State Route #	Functional Class	Roadway	From	To	Length (miles)	Project Description	City Limits	Cost Estimate	2008 Volume	2008 Peak V/C Ratio	2008 Peak LOS	2035 Volume (E+C)	2035 Peak V/C Ratio (E+C)	2035 LOS (E+C)	2035 Volume (E+C+I)	2035 Peak V/C Ratio (E+C+I)	2035 LOS (E+C+I)
26	SR 96	Arterial	SR 96 West	Mack Hatcher Parkway	7th Avenue North	2.6	Widen From 2 to 4 Lanes	Y	\$21,630,000	22,800	0.85	D	25,000	0.78	D	25,400	0.78	D
27	SR 96	Arterial	SR 96 West	SR 46	Mack Hatcher Parkway	1.8	Widen From 2 to 4 Lanes	Both	\$13,749,000	17,200	0.83	D	48,100	1.16	F	45,200	1.14	F
28		Collector	Liberty Pike	Franklin Road	Mack Hatcher Parkway	1.2	Widen From 3 to 4 Lanes	Y	\$5,951,956	2,076	0.64	D	18,394	1.24	F	17,809	1.29	F
29		Collector	Liberty Pike	Mack Hatcher Parkway	Mallory Lane	1.0	Widen From 3 to 4 Lanes	Y	\$4,959,972	6,930	0.82	D	12,814	1.15	F	12,010	1.11	F
30		Arterial	Carothers Parkway	Cool Springs Boulevard	Mayfield Drive	0.7	Widen From 4 to 6 Lanes	Y	\$8,110,000	17,600	0.58	C	27,500	1.09	F	28,100	0.78	D
31		Collector	Mallory Station Road	Seaboard Lane	Franklin Road	1.0	Widen From 3 to 4 Lanes	Y	\$4,763,000	9,200	0.81	D	13,500	1.19	F	17,400	0.89	E
32		Collector	S. Berrys Chapel & Mallory Station	S. Berrys Chapel & Mallory Station	Franklin Road	N/A	Realign intersection at Franklin Road	Y	\$2,857,275	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
33	SR 6	Arterial	Columbia Avenue (US 31)	Downs Boulevard	Fowkes Street	0.7	Widen From 2 to 3 Lanes	Y	\$3,334,000	14,800	0.70	C	18,100	0.91	E	19,100	0.65	C
34		Collector	North Royal Oaks Blvd.	Liberty Pike	Lakeview Drive	0.5	Widen From 2 to 4 Lanes	Y	\$6,200,000	6,800	0.61	C	14,800	0.97	E	14,500	0.92	E
35	SR 252	Collector	Wilson Pike	Split Log Road	Maple Lane	4.0	Widen From 2 to 3 Lanes	Both	\$30,553,000	12,100	0.67	C	22,200	1.11	F	22,400	0.74	C
36	SR 246	Collector	Carters Creek Pike	North of Coleman Road	Downs Boulevard	3.3	Widen From 2 to 3 Lanes	Both	\$14,734,000	8,100	0.80	D	17,200	1.16	F	16,000	1.05	F
37	SR 246	Collector	West Main Street	Downs Boulevard	Natchez Street	0.7	Widen From 2 to 3 Lanes	Y	\$4,287,150	10,300	0.75	D	10,300	0.87	E	10,100	0.59	C
38		Collector	Mallory Lane	Liberty	Moore Lane	2.4	Widen From 4 to 6 Lanes	Y	\$27,805,000	14,900	0.67	C	21,500	1.02	F	29,100	1.10	F
39		Collector	Arno Road	South Carothers Road	SR 96	2.1	Widen From 2 to 3 Lanes	N	\$10,001,000	9,200	0.63	C	13,400	1.02	F	11,900	0.57	C
40	SR 6	Arterial	Franklin Road	Harpeth Industrial Court	Mack Hatcher Parkway	0.9	Widen From 2 to 3 Lanes	Y	\$12,900,000	16,800	0.79	D	16,700	0.89	E	19,400	0.68	C
41		Interstate	I-65	SR 96	Moore Lane	3.7	Widen From 8 to 10 Lanes	Y	\$64,345,000	106,800	0.73	C	153,400	1.22	F	165,800	0.76	D
42		Collector	Del Rio Pike	Carlisle Lane	Poplar Grove School	0.7	Improve Existing Lanes	Y	\$2,857,000	4,900	0.43	B	4,100	0.32	A	4,000	0.30	A
43		Collector	Del Rio Pike	Old Hillsboro Road	Cotton Lane	1.9	Improve Existing Lanes	N	\$7,755,000	11,800	0.61	C	14,500	0.92	E	12,300	0.85	D
44		Collector	Cotton Lane	Del Rio Pike	Fieldstone Parkway	0.8	Improve Existing Lanes	Y	\$3,810,000	6,597	0.63	C	12,130	0.97	E	10,842	0.79	D
45		Collector	Liberty Pike	Terminus of Existing Liberty Pike	Wilson Pike	0.8	New 2 Lane Road	N	\$4,185,000	N/A	N/A	N/A	8,000	0.43	B	7,700	0.38	B
46		Collector	Peytonville Road	Southeastern Urban Growth Boundary	Long Lane	0.8	Improve Existing Lanes	Y	\$3,265,200	2,500	0.22	A	5,600	0.52	B	4,900	0.48	B
47		Collector	General George Patton Drive	Moore Lane	Mallory Station Road	1.2	Improve Existing Lanes	Both	\$6,857,000	7,200	0.59	C	10,500	1.01	F	10,000	0.61	C
48		Collector	South Carothers Road	Franklin Commons	Exist. 90-Degree Curve	0.9	Widen From 2 and 3 Lanes to 4 Lanes	Y	\$7,345,000	7,900	0.35	A	13,100	0.92	E	11,000	0.71	C
49		Arterial	Cool Springs Boulevard	Mack Hatcher Parkway	Carothers Parkway	2.0	Widen From 4 to 6 Lanes	Y	\$22,776,000	27,900	0.94	E	45,400	1.46	F	52,600	1.21	F
50	SR 96	Arterial	SR 96	Eddy Lane	Mack Hatcher Parkway	0.8	Widen From 2 and 3 Lanes to 4 Lanes	Y	\$6,655,000	23,900	0.80	D	41,400	0.92	E	40,200	0.89	E
51		Collector	Peytonville Road	Terminus of Existing Peytonville Road	Long Lane	0.9	New 2 Lane Road	N	\$4,875,000	N/A	N/A	N/A	2,600	0.42	B	1,600	0.16	A
52		Collector	1st Avenue North	North Margin Street	Bridge Street	0.2	New 2 Lane Road	Y	\$1,225,000	N/A	N/A	N/A	N/A	N/A	N/A	6,400	0.63	C
Total									\$307,785,553									

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Franklin Major Thoroughfare Plan Long Range Projects (2035 Horizon Year)

Project No.	State Route #	Functional Class	Roadway	From	To	Length (miles)	Project Description	City Limits	Cost Estimate	2008 Volume	2008 Peak V/C Ratio	2008 Peak LOS	2035 Volume (E+C)	2035 Peak V/C Ratio (E+C)	2035 LOS (E+C)	2035 Volume (E+C+I)	2035 Peak V/C Ratio (E+C+I)	2035 LOS (E+C+I)
53		Collector	Boyd Mill Avenue Connector	Franklin Green Parkway	Mack Hatcher Parkway	0.8	New 2 Lane Road	Y	\$3,265,200	N/A	N/A	N/A	N/A	N/A	N/A	8,760	0.63	C
54		Collector	Boyd Mill Avenue	SR 96 West	Boyd Mill Avenue Connector	0.2	Improve Existing Lanes	Y	\$952,500	6,300	0.50	B	8,300	0.63	C	5,630	0.42	B
55		Collector	Clovercroft Road	SR 96	Wilson Pike	3.0	Improve Existing Lanes	Both	\$12,245,000	6,100	0.53	B	9,800	0.68	C	9,000	0.56	C
56	SR 106	Arterial	Lewisburg Avenue	South Margin Street	Mack Hatcher Parkway	2.8	Widen From 2 to 4 Lanes	Y	\$22,490,000	7,700	0.44	B	14,800	0.82	D	15,000	0.40	B
57		Collector	Spencer Creek Road	Mack Hatcher Parkway	Hillsboro Road	2.4	Improve Existing Lanes	Y	\$11,430,000	6,000	0.38	B	12,600	0.95	E	12,300	0.92	E
58		Collector	Horton Lane	Winberry Drive	Boyd Mill Avenue	0.3	Improve Existing Lanes	Y	\$1,224,500	5,000	0.36	A	6,000	0.43	B	5,700	0.41	B
59		Collector	North Chapel Road	Exist. Eastern 90-Degree Curve	Wilson Pike	0.9	Improve Existing Lanes	N	\$3,673,000	600	0.04	A	2,000	0.15	A	2,600	0.24	A
60		Collector	North Chapel Road	SR 96	Exist. Eastern 90-Degree Curve	0.3	New 2 Lane Road	N	\$1,510,000	N/A	N/A	N/A	N/A	N/A	N/A	1,800	0.19	A
61	SR 397	Arterial	Mack Hatcher Parkway	Columbia Pike	SR 96 West	4.2	New 4 Lane Road	Both	\$67,802,000	N/A	N/A	N/A	25,500	0.32	A	29,900	0.46	B
62		Collector	Carothers Road	South Carothers Parkway	Arno Road	2.8	Improve Existing Lanes	Both	\$14,093,940	747	0.06	A	3,834	0.40	B	1,306	0.12	A
63	SR 6	Arterial	Columbia Pike	Goose Creek Bypass	Mack Hatcher Parkway	4.3	Widen From 2 to 4 Lanes	Both	\$41,032,000	16,000	0.81	D	22,600	1.09	F	31,600	0.79	D
64		Collector	Seaboard Lane	Mallory Station Road	Crossroads Blvd.	0.3	Widen From 3 to 4 Lanes	Y	\$1,837,000	5,600	0.55	B	8,400	0.92	E	9,300	0.86	C
65		Collector	Lynnwood Way	Franklin Road	North Berrys Chapel Road	1.0	Widen From 2 to 4 Lanes	Both	\$15,506,100	11,000	0.73	C	14,500	0.90	E	16,200	0.70	C
66		Collector	Del Rio Pike	Del Rio Pike Extension	Highway 96 West	1.7	New 2 Lane Road	Y	\$8,096,250	5,787	0.50	B	20,565	1.26	F	20,840	0.86	D
67		Interstate	New I-65 Interchange	I-65	Pratt Lane Connector	N/A	Construct new interchange	Y	\$19,608,000	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
68		Collector	Lewisburg Pike Connector	New I-65 Interchange	Lewisburg Pike	1.0	New 2 Lane Road	Both	\$5,034,000	N/A	N/A	N/A	N/A	N/A	N/A	4,100	0.38	B
69		Collector	Chadwell Connector	Goose Creek Bypass	Lewisburg Pike Connector	1.3	New 2 Lane Road	Y	\$6,544,000	N/A	N/A	N/A	N/A	N/A	N/A	900	0.06	A
70		Collector	Del Rio Pike	Western Urban Growth Boundary	Carlisle Lane	1.3	New 2 Lane Road	Both	\$5,306,000	N/A	N/A	N/A	N/A	N/A	N/A	6,300	0.42	B
71		Collector	Del Rio Pike Extension	Western Urban Growth Boundary	Hillsboro Road	1.8	New 2 Lane Road	Both	\$7,347,000	N/A	N/A	N/A	N/A	N/A	N/A	4,500	0.45	B
72		Collector	New Roadway	Old Charlotte Pike	Del Rio Pike	2.1	New 2 Lane Road	N	\$8,571,000	N/A	N/A	N/A	N/A	N/A	N/A	8,800	0.72	C
73		Collector	Coleman Road	West of Kittrell Road	Columbia Pike	3.6	Widen From 2 to 3 Lanes	N	\$18,121,000	9,200	0.46	B	5,600	0.56	C	5,700	0.56	C
74		Collector	Horton Lane Extension	Coleman Road	Terminus of Exist. Horton Lane	1.6	New 2 Lane Road	N	\$8,054,000	N/A	N/A	N/A	N/A	N/A	N/A	4,600	0.40	B
75		Collector	Charity Drive	SR 96	Wilson Pike	1.7	New 2 Lane Road	Both	\$8,557,035	N/A	N/A	N/A	N/A	N/A	N/A	3,388	0.20	A
76		Collector	North Chapel Road	SR 96	Exist. Western 90-Degree Curve	1.7	Improve Existing Lanes	N	\$6,939,000	400	0.02	A	1,500	0.11	A	1,000	0.07	A
77		Collector	North Chapel Road	Exist. Western 90-Degree Curve	Charity Drive	1.0	New 2 Lane Road	N	\$4,082,000	N/A	N/A	N/A	N/A	N/A	N/A	1,700	0.12	A
78	SR 96	Arterial	SR 96	Mack Hatcher Parkway	N. Royal Oaks Blvd.	0.9	Widen From 5 to 7 Lanes	Y	\$8,713,000	31,600	0.62	C	47,700	0.73	C	45,100	0.72	C
79	SR 246	Collector	Goose Creek Bypass	US 31	Lewisburg Pike	2.8	Widen From 2 to 4 Lanes	N	\$23,294,000	8,100	0.30	A	19,900	0.90	E	19,100	0.45	B
80	SR 106	Arterial	Lewisburg Pike	Southern Urban Growth Boundary	Goose Creek Bypass	2.1	Widen From 2 to 4 Lanes	N	\$20,039,000	2,400	0.17	A	7,100	0.32	A	8,600	0.44	B
81		Collector	Del Rio Pike Connector	Del Rio Pike	Del Rio Pike Extension	0.4	New 2 Lane Road	Y	\$1,632,600	N/A	N/A	N/A	N/A	N/A	N/A			
Total									\$356,999,125									

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