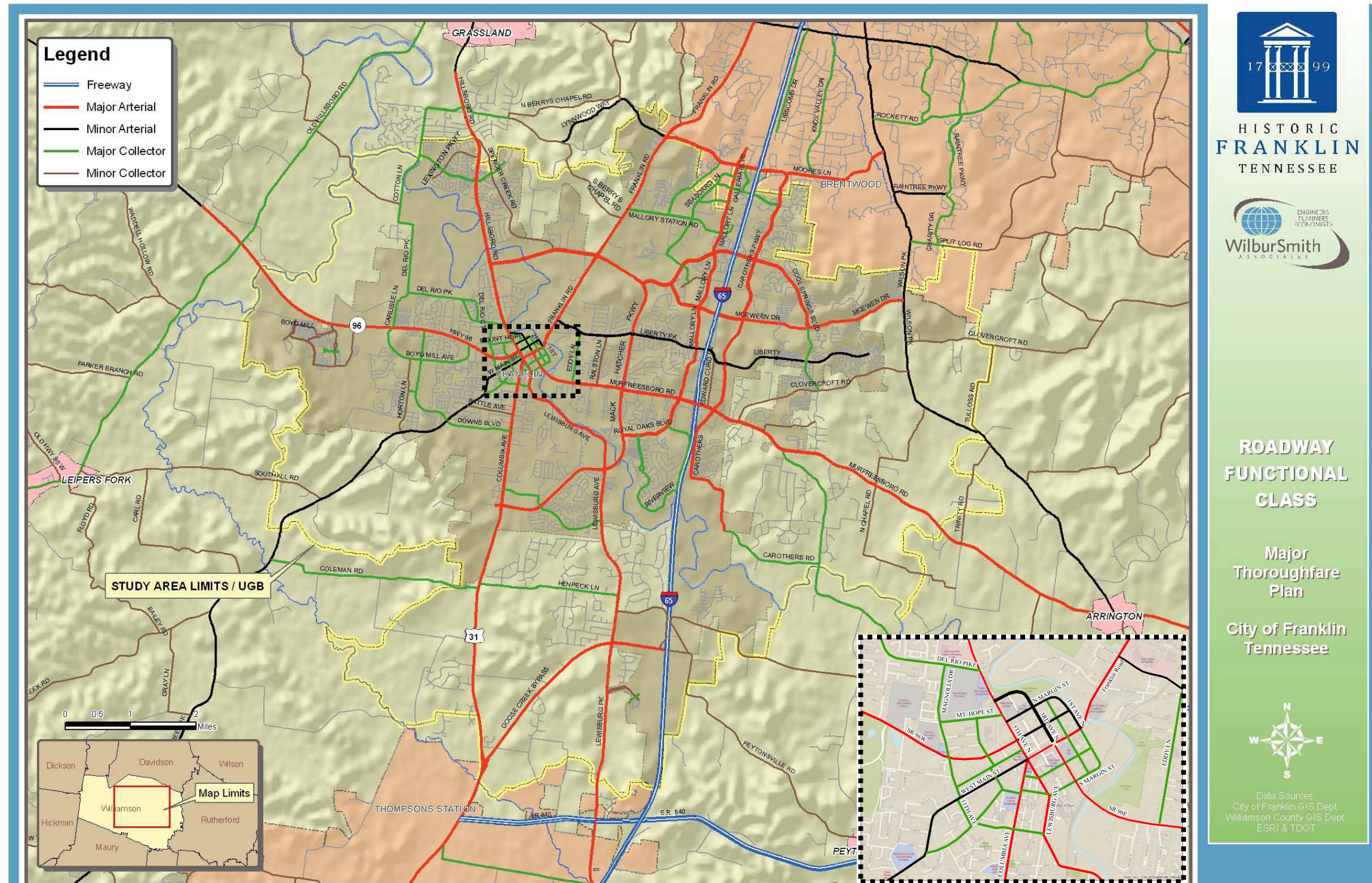




Exhibit 2.5 Existing Functionally Classified Roads





*Table 4.1 Proposed Projects – Short Range Projects*

Project No.	State Route #	Functional Class	Roadway	From	To	Length (miles)	Project Description	City Limits	Cost Estimate
1	SR 106	Major Arterial	Hillsboro Road	SR 96 West	Mack Hatcher Parkway	1.1	Widen From 2/3 to 4 Lanes	Y	\$26,026,000
2		Major Arterial	McEwen Drive	Carothers Parkway	Cool Springs Boulevard	1.0	Widen From 2 to 4 Lanes	Y	\$14,247,000
2a		Major Arterial	McEwen Drive	Wilson Pike	Eastern City Limits	1.1	Widen From 2 to 4 Lanes	Y	\$12,400,000
3		Major Collector	South Carothers Road	Exist. 90-Degree Curve	Ladd Park Development	1.6	New 4 Lane Road	Y	\$15,267,885
4		Major Collector	South Carothers Road	Ladd Park Development	Long Lane	0.9	New 4 Lane Road	Y	\$8,588,185
5		Major Collector	South Carothers Road	Long Lane	Peytonsville Road extension	0.4	New 4 Lane Road	N	\$3,816,971
6	SR 96	Minor Arterial	3rd Avenue North	5th Avenue North	North Margin Street	0.2	New 2 Lane Road	Y	\$3,960,000
7		Major Arterial	McEwen Drive	Cool Springs Boulevard	Wilson Pike	2.5	Widen From 2 to 4 Lanes	Y	\$17,792,000
*8		Freeway	I-65	N/A	N/A	N/A	Reconstruct Peytonsville Road interchange	Y	\$25,108,000
9		Freeway	I-65	SR 840	SR 96	6.0	Widen From 4 to 8 Lanes	Both	\$94,560,000
10	SR 397	Major Arterial	Mack Hatcher Parkway	SR 96 West	Hillsboro Road	3.0	New 4 Lane Road	Y	\$92,000,000
11	SR 397	Major Arterial	Mack Hatcher Parkway	Columbia Pike	SR 96	3.0	Widen From 2 to 4 Lanes	Y	\$24,958,000
12	SR 397	Major Arterial	Mack Hatcher Parkway	Franklin Road	SR 96	2.7	Widen From 2 to 4 Lanes	Y	\$27,603,000
13	SR 6	Major Arterial	Franklin Road	Mack Hatcher Parkway	Moore's Lane	2.1	Widen From 2 to 4 Lanes	Y	\$19,300,000
14	SR 106	Major Arterial	Lewisburg Pike	Holly Hill Drive	Mack Hatcher Parkway	1.8	Widen From 2 to 4 Lanes	Y	\$18,402,000
15	SR 6	Major Arterial	Columbia Avenue (US 31)	Mack Hatcher Parkway	Downs Boulevard	1.4	Widen From 3 to 5 Lanes	Y	\$15,043,000
16	SR 106	Major Arterial	Lewisburg Pike	Old Peytonsville Road	Holly Hill Drive	1.0	Widen From 2 to 4 Lanes	N	\$10,223,000
17	SR 106	Major Arterial	Lewisburg Pike	Goose Creek Bypass	Old Peytonsville Road	0.5	Widen From 2 to 4 Lanes	Y	\$7,192,000
18	SR 96	Major Arterial	SR 96	East of Arno Road	Wilson Pike	6.0	Widen From 2 to 4 Lanes	N	\$57,255,000
19		Major Collector	Boyd Mill Avenue	Franklin Green Parkway	Downs Boulevard	0.3	Improve Existing Lanes	Y	\$1,465,000
20		Minor Collector	I-65 Underpass	Long Lane	Old Peytonsville Road	1.0	New 2 Lane Road	Y	\$3,200,000
21		Major Collector	Eddy Lane	Liberty Pike	Murfreesboro Road	0.7	Widen From 2 to 3 Lanes	Y	\$3,333,750
22	SR 248	Major Arterial	Goose Creek Bypass	Lewisburg Pike	East of I-65	0.8	Widen From 2 to 4 Lanes	Y	\$6,111,000
23		Minor Collector	Long Lane	Long Lane	Peytonsville Road	0.2	New 2 Lane Road	Y	\$1,415,000
24		Minor Collector	Pratt Lane Connector	Peytonsville Road, east of I-65 interchange	Southern UGB	1.3	New 3 Lane Road	Y	\$9,225,000
								<b>Total</b>	<b>\$518,491,791</b>

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

**Table 4.1 Proposed Projects – Mid Range Projects**

Project No.	State Route #	Functional Class	Roadway	From	To	Length (miles)	Project Description	City Limits	Cost Estimate
25	SR 96	Major Arterial	SR 96 West	Mack Hatcher Parkway	7th Avenue North	2.6	Widen From 2 to 4 Lanes	Y	\$21,630,000
26	SR 96	Major Arterial	SR 96 West	SR 46	Mack Hatcher Parkway	1.8	Widen From 2 to 4 Lanes	Both	\$13,749,000
27		Minor Arterial	Liberty Pike	Franklin Road	Mack Hatcher Parkway	1.2	Widen From 3 to 4 Lanes	Y	\$5,951,956
28		Minor Arterial	Liberty Pike	Mack Hatcher Parkway	Mallory Lane	1.0	Widen From 3 to 4 Lanes	Y	\$4,959,972
29		Major Arterial	Carothers Parkway	Cool Springs Boulevard	Mayfield Drive	0.7	Widen From 4 to 6 Lanes	Y	\$8,110,000
30		Major Collector	Mallory Station Road	Franklin Road	Seaboard Lane	1.0	Widen From 3 to 4 Lanes	Y	\$4,763,000
31		Major Collector	S. Berry's Chapel & Mallory Station	S. Berry's Chapel & Mallory Station	Franklin Road	0.4	Realign intersection at Franklin Road	Y	\$2,857,275
32	SR 6	Major Arterial	Columbia Avenue (US 31)	Downs Boulevard	Fowlkes Street	0.7	Widen From 2 to 3 Lanes	Y	\$3,334,000
33		Major Arterial	North Royal Oaks Blvd.	Liberty Pike	Lakeview Drive	0.5	Widen From 2 to 4 Lanes	Y	\$6,200,000
34	SR 252	Major Arterial	Wilson Pike	Split Log Road	Maple Lane	4.0	Widen From 2 to 3 Lanes	Both	\$30,553,000
35	SR 246	Minor Arterial	Carters Creek Pike	North of Coleman Road	Downs Boulevard	3.3	Widen From 2 to 3 Lanes	Both	\$14,734,000
36	SR 246	Minor Arterial	West Main Street	Downs Boulevard	Natchez Street	0.7	Widen From 2 to 3 Lanes	Y	\$4,287,150
37		Major Arterial	Mallory Lane	Liberty Pike	Moore's Lane	2.4	Widen From 4 to 6 Lanes	Y	\$27,805,000
38		Major Collector	Arno Road	South Carothers Road	SR 96	2.1	Widen From 2 to 3 Lanes	N	\$10,001,000
39	SR 6	Major Arterial	Franklin Road	Harpeth Industrial Court	Mack Hatcher Parkway	0.9	Widen From 2 to 3 Lanes	Y	\$12,900,000
40		Freeway	I-65	SR 96	Moore's Lane	3.7	Widen From 8 to 10 Lanes	Y	\$64,345,000
41		Major Collector	Del Rio Pike	Carlisle Lane	Poplar Grove School	0.7	Improve Existing Lanes	Y	\$2,857,000
42		Minor Collector	Del Rio Pike	Old Hillsboro Road	Cotton Lane	1.9	Improve Existing Lanes	N	\$7,755,000
43		Major Collector	Cotton Lane	Del Rio Pike	Fieldstone Parkway	0.8	Improve Existing Lanes	Both	\$3,810,000
44		Minor Arterial	Liberty Pike	Terminus of Existing Liberty Pike	Wilson Pike	0.8	New 2 Lane Road	N	\$4,185,000
45		Minor Collector	Peytonsville Road	Southeastern Urban Growth Boundary	Long Lane	0.8	Improve Existing Lanes	Y	\$3,265,200
46		Major Collector	General George Patton Drive	Moore's Lane	Mallory Station Road	1.2	Improve Existing Lanes	Both	\$6,857,000
47		Major Arterial	South Carothers Road	Franklin Commons	Exist. 90-Degree Curve	0.9	Widen From 2 and 3 Lanes to 4 Lanes	Y	\$7,345,000
48		Major Arterial	Cool Springs Boulevard	Mack Hatcher Parkway	Carothers Parkway	2.0	Widen From 4 to 6 Lanes	Y	\$22,776,000
49	SR 96	Major Arterial	SR 96	Eddy Lane	Mack Hatcher Parkway	0.8	Widen From 2 and 3 Lanes to 4 Lanes	Y	\$6,655,000
50		Minor Collector	Peytonsville Road	Terminus of Existing Peytonsville Road	Long Lane	0.9	New 2 Lane Road	N	\$4,875,000
51		Minor Arterial	1st Avenue North	North Margin Street	Bridge Street	0.2	New 2 Lane Road	Y	\$1,225,000
52		Minor Collector	Market Street	Clovercroft Road	Murfreesboro Rd	1.5	New 2 Lane Road	Both	\$7,550,000
								<b>Total</b>	<b>\$307,785,553</b>

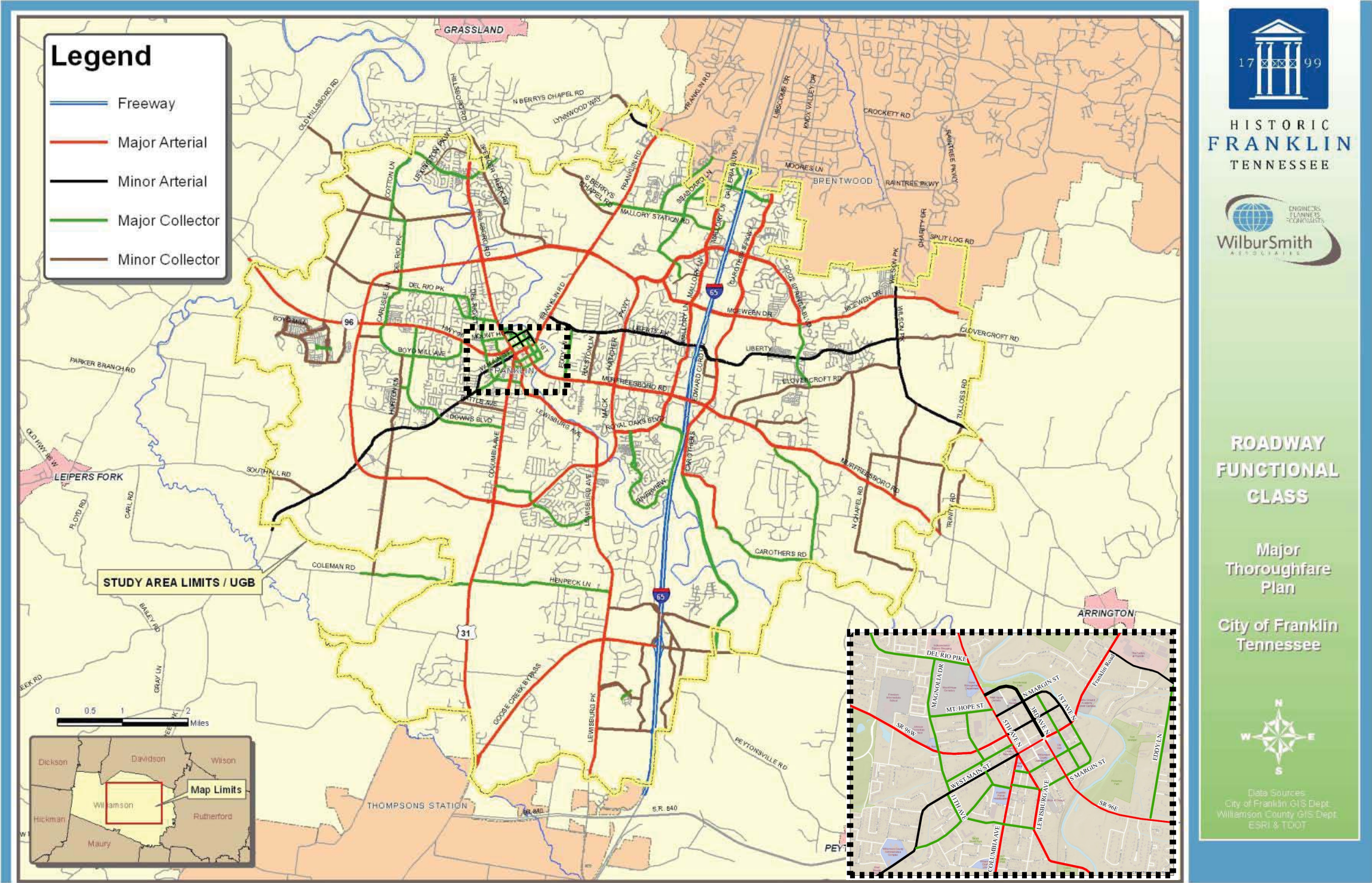


APPENDIX C – ROADWAY INVENTORY

Road	From	To	Functional Classification	No. of Lanes	Pavement Width (ft)	Left Shoulder Width (ft)	Right Shoulder Width (ft)	Left Ditch/C&G/Curb	Right Ditch/C&G/Curb	Left Sidewalk (Y/N)	Right Sidewalk (Y/N)
1st Ave. S.	S. Margin Street	Church Street	Major Collector	2	22	0	0	Curb	Ditch	Y	N
1st Ave. S.	Church Street	E. Main Street	Major Collector	2	22	0	0	C&G	C&G	Y	Y
1st Ave. N.	East Main Street	Bridge Street	Minor Arterial	2	22	4	8	Curb	Ditch	Y	N
2nd Ave.	S. Margin Street	N. Margin Street	Major Collector	2	24	5	0	C&G	C&G	Y	Y
3rd Ave. N.	E. Main Street	N. Margin Street	Minor Arterial	2	24	9	9	Curb	Curb	Y	Y
3rd Ave. S.	S. Margin Street	E. Main Street	Major Arterial	2	24	9	9	C&G	C&G	Y	Y
4th Ave.	Hillsboro Road	S. Margin Street	Major Collector	2	27	0	0	Ditch	Ditch	N	N
5th Ave. S.	S. Margin Street	Main Street	Major Arterial	2	24	3	3	C&G	C&G	Y	Y
5th Ave. N.	Main Street	Bridge Street	Major Arterial	2	24	7	7	C&G	C&G	Y	Y
5th Ave. N.	Bridge Street	4th Ave. N.	Major Arterial	4	48	1	1	Ditch	Ditch	N	N
9th Ave. S.	Columbia Ave.	W. Main Street	Major Collector	2	22	0	0	C&G	C&G	Y	Y
9th Ave. N.	W. Main Street	Fair Street	Major Collector	2	22	0	0	C&G	C&G	N	Y
9th Ave. N.	Fair Street	Green Street	Major Collector	2	22	0	0	Ditch	Ditch	N	N
9th Ave. N.	Green Street	Mount Hope Road	Major Collector	2	22	0	0	Curb	Curb	Y	Y
11th Ave. N.	W. Main Street	Boyd Mill Ave.	Major Collector	2	21	0	0	Curb	Curb	Y	Y
11th Ave. N.	Boyd Mill Ave.	Mount Hope Road	Major Collector	2	24	0	0	C&G	C&G	Y	N
11th Ave. S.	Natchez Street	W. Main Street	Major Collector	2	18	0	0	Ditch	Curb	N	Y
Acadia Ave.	Championship Blvd.	Jewel Ave.	Minor Collector	2	24	0	0	Ditch	Ditch	N	N
Addison Ave.	Stonewater	Prospect Ave.	Minor Collector	2	24	0	0	C&G	C&G	Y	Y
Arno Road	Hwy. 96 (Murfreesboro Rd.)	S. Carothers Road	Major Collector	2	18	3	3	Ditch	Ditch	N	N
Aspen Grove Drive	Seaboard Lane	Jordan Road	Major Collector	3	36	0	0	C&G	C&G	Y	Y
Bakers Bridge Ave.	Seaboard Lane	Mallory Lane	Major Collector	3	36	0	0	Curb	Curb	N	N
Bakers Bridge Ave.	Mallory Lane	Galleria Blvd.	Major Collector	5	60	0	0	C&G	C&G	Y	Y
Bakers Bridge Ave.	Galleria Blvd.	Carothers Pkwy.	Major Collector	4	48	0	0	C&G	C&G	Y	Y
Bakers Bridge Ave.	Carothers Pkwy.	Eastern Terminus	Major Collector	3	36	3	3	C&G	C&G	Y	Y
Battle Ave.	W. Main Street	Columbia Ave.	Minor Collector	2	23	0	0	Ditch	Ditch	N	Y
Boyd Mill Ave.	Hwy. 96 (Murfreesboro Rd.)	Downs Blvd.	Major Collector	2	22	0	0	Ditch	Ditch	N	N
Boyd Mill Ave.	Downs Blvd.	Hwy. 96 (Murfreesboro Rd.)	Major Collector	2	24	3	3	C&G	C&G	Y	Y
Bridge Street	Hillsboro Road	3rd Ave. N.	Minor Arterial	2	28	0	0	Curb	Curb	Y	Y
Bridge Street	3rd Ave. N.	1st Ave. N.	Minor Arterial	2	28	0	0	Curb	Ditch	Y	N
Carlisle Lane	Hwy. 96 (Murfreesboro Rd.)	Del Rio Pike	Major Collector	2	19	0	0	Ditch	Ditch	N	N
Carothers Pkwy.	Murfreesboro Road	Moores Lane	Major Arterial	4	48	0	0	C&G	C&G	Y	Y
Carothers Pkwy	Hwy. 96 (Murfreesboro Rd.)	Franklin Commons	Major Arterial	4	48	0	0	C&G	C&G	Y	Y
Carothers Pkwy	Franklin Commons	90 deg. curve	Major Arterial	3	36	0	0	C&G	C&G	Y	N
Carothers Pkwy	90 deg. curve	Arno Rd.	Major Collector	2	20	0	0	Ditch	Ditch	N	N
Carters Creek Pike	Southern UGB	stream	Minor Arterial	2	22	5	5	Ditch	Ditch	N	N



APPENDIX F – EXISTING AND PROPOSED FUNCTIONALLY CLASSIFIED ROADS







**PROJECT NUMBER:** 6

**PROJECT DESCRIPTION**

**Road:** 3<sup>rd</sup> Avenue North

**Termini:** 5<sup>th</sup> Avenue North to North Margin Street

**Length:** 0.2 miles

**Improvement:** New 2 lane road

**Functional Class:** Minor Arterial

**2008 LOS:** N/A

**2035 LOS (E+C):** N/A

**2035 LOS (E+C+I):** A

**Priority:** Short Term

**ESTIMATED COST:** \$4,000,000





**PROJECT NUMBER:** 51

**PROJECT DESCRIPTION**

**Road:** 1<sup>st</sup> Avenue North

**Termini:** North Margin Street to Bridge Street

**Length:** 0.2 miles

**Improvement:** New 2 lane road

**Functional Class:** Minor Arterial

**2008 LOS:** N/A

**2035 LOS (E+C):** N/A

**2035 LOS (E+C+I):** C

**Priority:** Mid Term

**ESTIMATED COST:** \$1,200,000

