

Plan Recommendations

Achieving Our 2050 Vision

This section provides the projects, studies and strategies recommended for implementation in order to accomplish to goals and objectives adopted by the Transportation Policy Committee (See Chapter 3: 2050 Vision). Project priority is indicated by time band for which the project is recommended which also represents the approximate timing for construction or implementation. The total cost for each identified project has been estimated based on its anticipated construction year using a 4% annual rate of inflation. Each recommended project is anticipated to have sufficient funding available for construction or implementation during its identified time band.

Committed Infrastructure Projects

Projects on the Committed Infrastructure list are those which have met either of the first two conditions and the third condition:

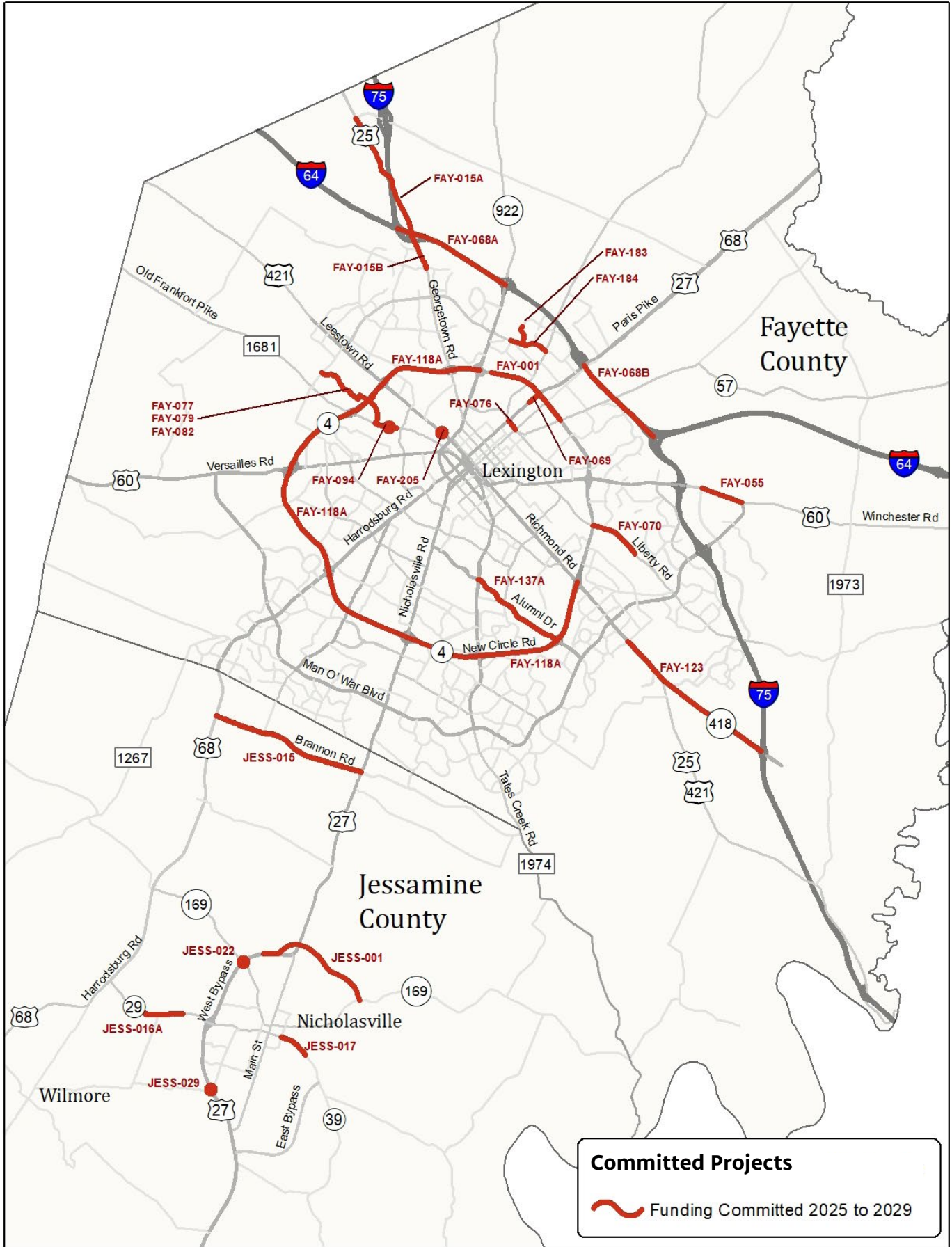
A formal funding commitment has been made for the construction or implementation phase

Or

The project has made significant progress towards being construction or implementation ready and thus a funding commitment is anticipated during the period between 2025 and 2029

MPO staff have evaluated the project and have determined that the project remains viable and continues to significantly accomplish one or more of the MTP goals and objectives

Projects on this list will form the basis of the 2025 to 2028 Transportation Improvement Program which is the implementation program for regionally significant projects. The 2025-2028 TIP is scheduled for adoption in September, 2024.



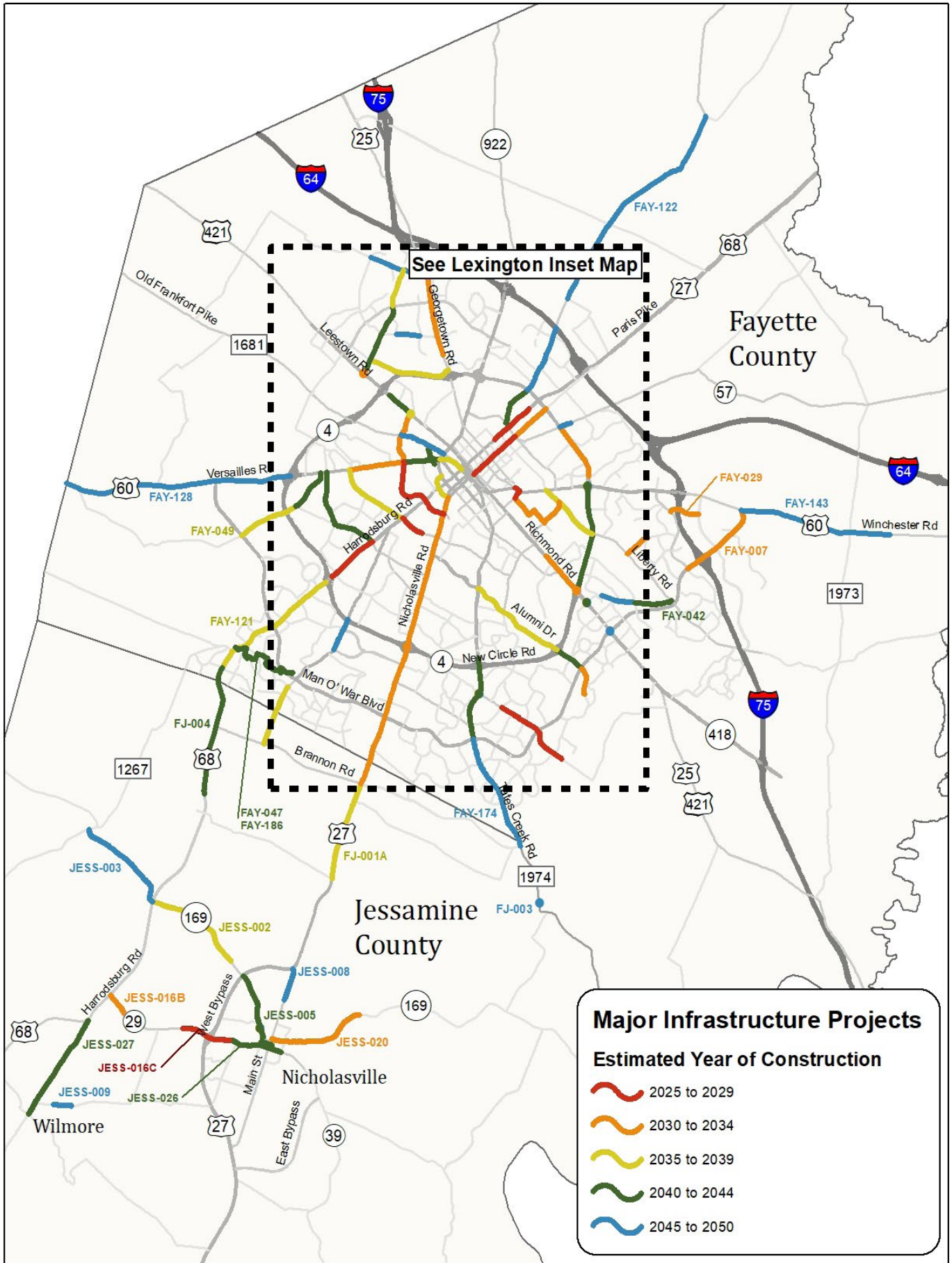
Committed Infrastructure Projects

Project ID	Road Name	State Route	From	To	Project Description	Primary Commitment	Total Cost
FAY-001	E New Circle Rd	KY 4	Development Dr	Bryan Station Rd (KY 57)	Modernize Roadway	Safe Streets & Roads for All	\$24.60
FAY-015A	Georgetown Rd	US 25	Ironworks Pike (KY 1973)	Kearney Rd	Major Widening	State Highway Plan	\$33.59
FAY-015B	Georgetown Rd	US 25	Kearney Rd	Spurr Rd (KY 1977)	Major Widening	State Highway Plan	\$19.76
FAY-055	Winchester Rd	US 60	Polo Club Blvd	Man O' War Blvd	Reduce Congestion	State Highway Plan	\$5.57
FAY-068A	Interstate 64/75 Common Route	I-75	Northern Split	Newtown Pike (KY 922)	Reduce Congestion	State Highway Plan	\$25.10
FAY-068C	Interstate 64/75 Common Route	I-75	Paris Pike (US 27/68)	Southern Split	Reduce Congestion	State Highway Plan	\$37.70
FAY-069	North Broadway	US 27 / 68	New Circle Rd (KY 4)	Northland Ave	Replace Bridge / Multimodal Project	US DOT RAISE Grant	\$18.40
FAY-070	Liberty Rd	KY 1927	Graftons Mill Ln	New Circle Rd (KY 4)	Reduce Congestion	State Highway Plan	\$11.16
FAY-076	West Loudon Ave	n/a	N Broadway (US 27/68)	N Limestone	Streetscape Improvements	MPO SLX Suballocation	\$2.20
FAY-077	Town Branch Trail - Phase III	n/a	Alexandria Dr	Bizzell Dr	Construct Shared Use Path	US DOT TIGER Grant	\$1.90
FAY-079	Town Branch Trail - Phase IV	n/a	Bizzell Dr	Townley Shopping Center	Construct Shared Use Path	US DOT TIGER Grant	\$0.70
FAY-082	Town Branch Trail - Phase V	n/a	Townley Shopping Center	Terminus of TBT Phase VI	Construct Shared Use Path	US DOT TIGER Grant	\$4.00
FAY-094	Town Branch Trail Crossing	KY 1681	Intersection at Old Frankfort Pike (KY 1681)		Construct Shared Use Path	US DOT TIGER Grant	\$2.82
FAY-118A	New Circle Rd (Access Controlled)	KY 4	Newtown Pike (KY 922)	Richmond Rd (US 25 / 421)	Address Safety Concerns	Highway Safety Imp Program	\$5.50
FAY-123	Richmond Rd / Athens-Boonesboro Rd	US 25/421 & KY 418	Interstate 75	Squires Rd / Yorkshire Blvd	Modernize Roadway / Address Safety Concerns	Highway Safety Imp Program	\$10.43
FAY-137A	Alumni Dr	n/a	New Circle Rd (KY 4)	Tates Creek Rd	Construct Shared Use Path	Transp Alternatives Program	\$2.99
FAY-183	Winburn Dr / Citation Blvd	n/a	Silver Springs Dr	Current Terminus of Winburn Dr	New Roadway	MPO SLX Suballocation	\$5.00
FAY-184	Citation Blvd	n/a	Winburn Dr (Future)	Russell Cave Rd (KY 353)	New Roadway	State Highway Plan	\$7.66
FAY-205	W Main St	US 421	Intersection at Buchanan		Intersection Redesign	MPO SLX Suballocation	\$1.21
JESS-001	Nicholasville East Bypass	KY 2827	Union Mill Rd (KY 169)	Lexington Rd (US 27)	New Roadway	State Highway Plan	\$76.70
JESS-015	Brannon Rd	KY 1980	Harrodsburg Rd (US 68)	Lexington Rd (US 27)	Modernize Roadway	State Highway Plan	\$21.27
JESS-016A	West High Trail	KY 29	Cooks Ln	Allie Run	Construct Shared Use Path	Transp Alternatives Program	\$2.34
JESS-017	East High Trail	KY 39	Cental Ave	East Jessamine HS Entrance	Construct Shared Use Path	Transp Alternatives Program	\$2.20
JESS-022	Nicholasville West Bypass	US 27	Intersection at N 3rd St (KY 169)		Intersection Redesign	Coronavirus Relief	\$0.70
JESS-029	W Nicholasville Bypass	US 27	Intersection at Shun Pike		Address Safety Concerns	Highway Safety Imp Program	\$3.50

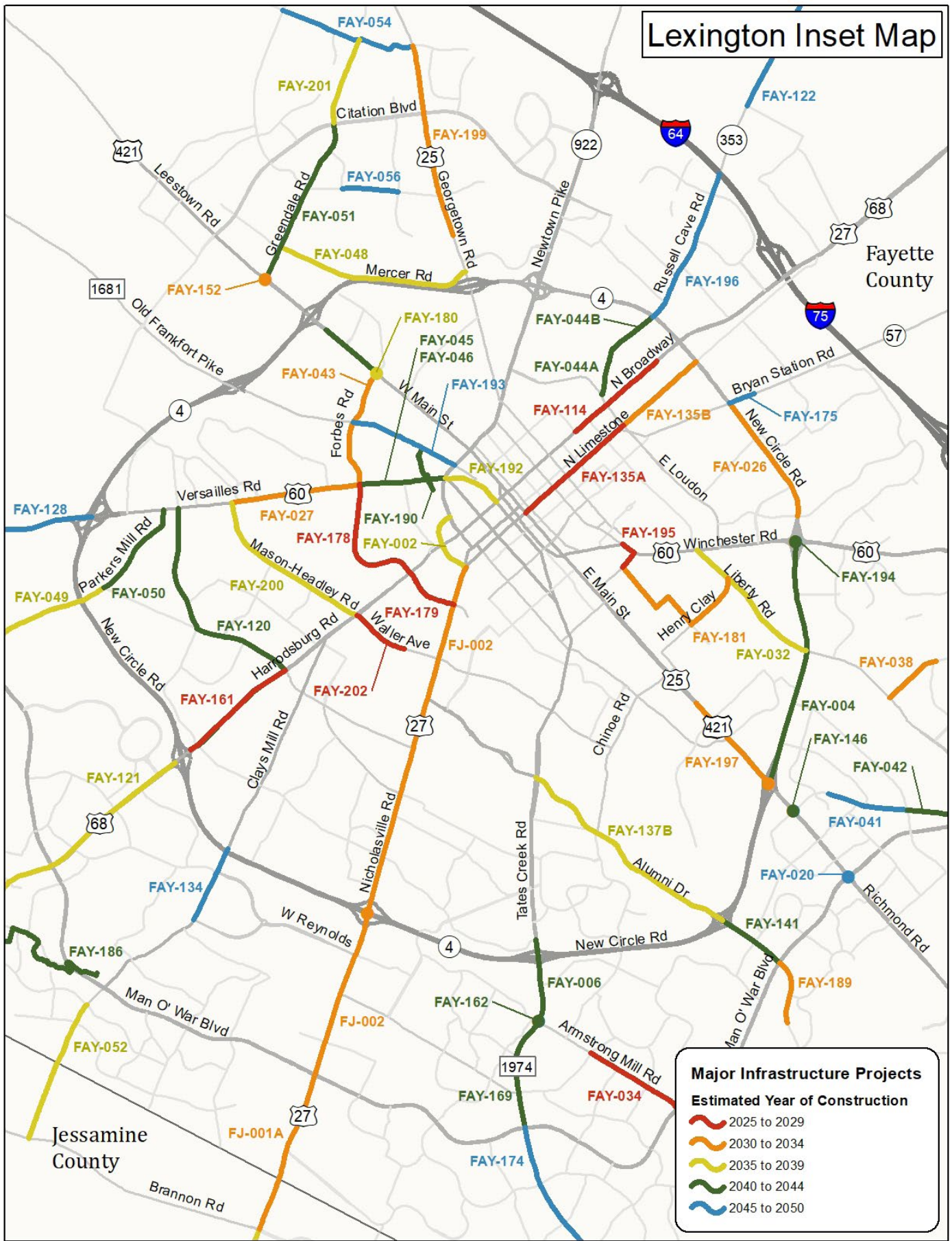
Total Programmed: \$327.00

Major Infrastructure Recommendations

The Major Infrastructure list identifies regionally significant construction projects for which one or more phases of development have yet to be begun or completed. This includes Engineering Design, Right of Way Acquisition or Utility Relocation. All regionally significant projects require some assessment of environmental impact, for construction projects this generally occurs during the Engineering Design phase. Major Infrastructure projects are also those that are either a new facility on new alignment or make significant changes in either the capacity of the facility, how the facility operates or how specific intersections are configured regardless of which travel mode is being impacted. Major infrastructure projects are also considered more significant than Grouped Projects with construction costs generally in excess of \$1.0 million. (See the section on Grouped Projects).

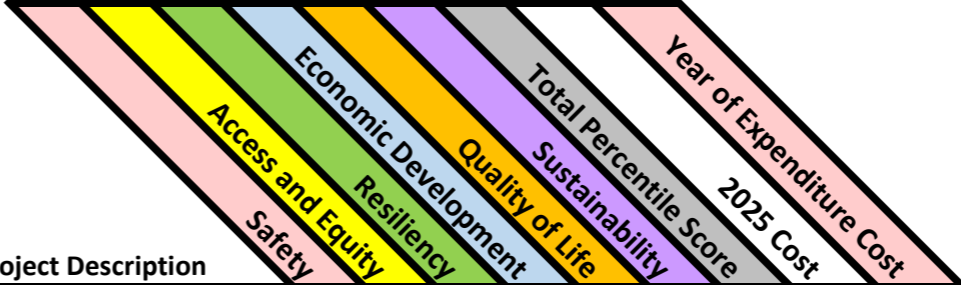


Lexington Inset Map



Major Infrastructure Recommendations

2025-2029



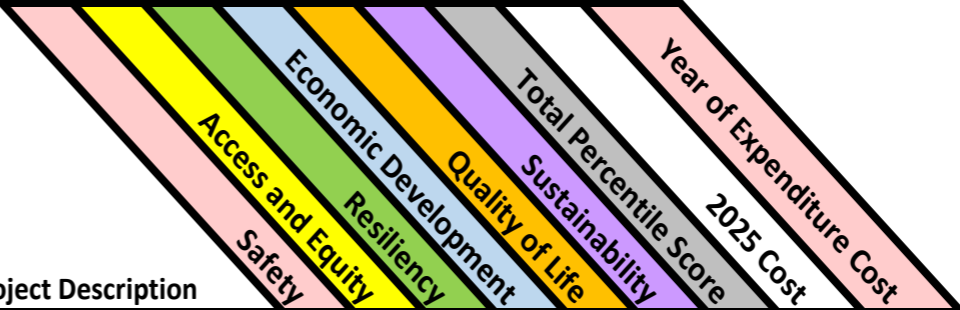
Project ID	Road Name	State Route	From	To	Project Description	Safety	Access and Equity	Resiliency	Economic Development	Quality of Life	Total Percentile Score	Year of Expenditure Cost	2025 Cost	Considerations		
FAY-114	North Broadway	US 27 / 68	W 6th Street	Northland Ave	Modernize Roadway	✓✓	✓				✓✓	97	\$4.01	\$4.01		
FAY-195	Winchester Rd / Walton Ave	US 60	E 3rd St / Midland Ave	Cramer Ave	Modernize Roadway						✓	✓✓	91	\$7.93	\$7.93	Accelerate: Critical trail connection
FAY-135A	N Limestone	n/a	Main St	Loudon Ave	Modernize Roadway		✓				✓		84	\$9.34	\$9.34	
FAY-191	Harrodsburg Rd	US 68	New Circle Rd (KY 4)	Lane Allen Rd	Construct Shared Use Path						✓	✓	84	\$3.10	\$3.10	
JESS-016C	West High Trail	KY 29	Allie Run	W Nicholasville Bypass (US 27)	Construct Shared Use Path								84	\$3.05	\$3.05	Accelerate: School connection
FAY-179	Virginia Ave	US 27	S Broadway (US 27 / 68)	S Limestone (US 27)	Modernize Roadway		✓				✓	✓✓	75	\$2.95	\$2.95	Accelerate: UK / Student Housing connection
FAY-178	Red Mile Rd	n/a	Versailles Rd (US 60)	S Broadway (US 27 / 68)	Modernize Roadway		✓				✓✓		65	\$8.96	\$8.96	Accelerate: UK Connection
FAY-034	Armstrong Mill Rd	n/a	Appian Way	Squires Hill Ln	Construct Shared Use Path			✓✓			✓		65	\$4.53	\$4.53	
JESS-028	Wilmore Rd	KY 29	Nicholasville West Bypass (US 27)	Hoover Blvd	Intersection Redesign								65	\$4.53	\$4.53	Accelerate: School X-ing over Bypass
FAY-202	Waller Ave	n/a	Harrodsburg Rd (US 68)	CNOT&P Railroad	Construct Sidewalks						✓✓		59	\$2.15	\$2.15	Accelerate: UK / Med Center connection

Total Programmed: \$50.55
 Total Available: \$51.00

✓✓ 90th percentile score
 ✓ 80th percentile score

Major Infrastructure Recommendations

2030-2034



Project ID	Road Name	State Route	From	To	Project Description	Safety	Access and Equity	Resiliency	Economic Development	Quality of Life	Sustainability	Total Percentile Score	2025 Cost	Expenditure Cost	Considerations
FAY-026	E New Circle Rd	KY 4	Bryan Station Rd (KY 57)	Eastland Parkwy	Modernize Roadway	✓✓	✓✓	✓✓	✓✓	✓✓	✓✓	99	\$26.50	\$37.71	
FJ-002	Nicholasville Rd / S Limestone	US 27	Scott St	Brannon Rd (KY 1980)	Modernize Roadway	✓✓	✓	✓✓	✓✓	✓		98	\$29.00	\$41.27	Note: FTA costs included in transit projects
FAY-027	Versailles Rd	US 60	Mason Headley	Red Mile / Forbes Rd	Modernize Roadway	✓✓	✓					95	\$11.31	\$16.09	
FAY-029	Hamburg Connector	n/a	Polo Club Blvd	Sir Barton Way	New Roadway	✓				✓✓	✓	93	\$29.68	\$42.23	
FAY-017	New Circle Rd	KY 4	Intersection at Nicholasville Rd	n/a	Intersection Redesign					✓✓		91	\$29.25	\$41.62	
FAY-181	East Lex Trail	n/a	Walton Ave	Liberty Rd	Modernize Roadway			✓		✓✓	✓	88	\$8.02	\$11.41	Delay: Coordination with other trail phases
FAY-152	Leestown Rd	US 421	Intersection at Greendale Rd (KY 1978)		Intersection Redesign	✓				✓		84	\$5.13	\$7.30	
JESS-016B	West High Trail	KY 29	Harrodsburg Rd (US 68)	Cooks Ln	Construct Shared Use Path							84	\$4.25	\$6.05	Delay: Coordination with other trail phases
FAY-199	Georgetown Rd	US 25	Briarwood Dr	Spurr Rd (KY 1977)	Construct Shared Use Path							78	\$4.78	\$6.80	Delay: No concepts or design yet
FAY-043	Forbes Rd	n/a	Leestown Rd (US 421)	Versailles Rd (US 60)	Modernize Roadway					✓	✓	76	\$12.39	\$17.74	Delay: Complicated design / ROW
FAY-135B	N Limestone	n/a	Loudon Ave	New Circle Rd (KY 4)	Modernize Roadway		✓				✓	76	\$6.88	\$9.79	
FAY-182	Richmond Rd	US 25 / 421	Intersection at New Circle Rd (KY 4)		Intersection Redesign	✓						75	\$4.05	\$5.76	
JESS-020	Richmond Ave	KY 169	N Main St (US 27X)	Nicholasville East Bypass (KY 2827)	Modernize Roadway					✓✓		59	\$14.50	\$20.63	Accelerate: School connection
FAY-118B	New Circle Rd	KY 4	On-Ramp Merges at Versailles, Harrodsburg, Nicholasville, Tates Creek, Alumni and Richmond Roads		Modernize Roadway	✓✓						59	\$9.00	\$12.81	
FAY-038	Old Rosebud Connector	n/a	Existing Old Rosebud	Liberty Rd (KY 1927)	New Roadway				✓✓		✓	53	\$9.72	\$13.83	Delay: Timing with Liberty Rd project
FAY-197	Richmond Rd	US 25 / 421	New Circle Rd (KY 4)	Shriners Ln	Modernize Roadway							45	\$2.52	\$3.59	
FAY-007	Man O' War Blvd	KY 1425	Winchester Rd (US 60)	Sir Barton Way	Major Widening					✓✓		41	\$19.02	\$27.07	Accelerate: Hospitals / New Development
FAY-189	Alumni Dr	n/a	Man O' War Blvd	Squires Shared Use Path	Construct Shared Use Path						✓✓	32	\$1.40	\$1.99	

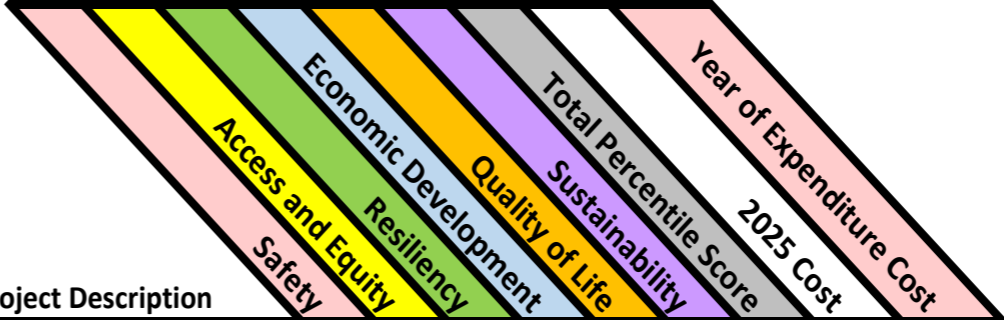
Total Programmed: \$323.69

Total Available: \$327.67

✓✓ 90th percentile score
 ✓ 80th percentile score

Major Infrastructure Recommendations

2035-2039



Project ID	Road Name	State Route	From	To	Project Description	Safety	Access and Equity	Resiliency	Economic Development	Quality of Life	Total Percentile Score	2025 Cost	Year of Expenditure Cost	Considerations	
FAY-002	Scott Street Connector	n/a	Oliver Lewis Way (KY 922)	South Limestone	New Roadway	✓	✓✓	✓✓	✓	✓✓	96	\$32.76	\$56.74	Delay: Complicated design / ROW	
FAY-192	W High St	n/a	S Broadway (US 27 / 68)	Oliver Lewis Way (KY 922)	Road Diet	✓					✓✓	88	\$35.58	\$61.62	
FJ-001A	Lexington Rd	US 27	West Nicholasville Bypass (US 27)	Fayette / Jessamine County Line	Access Management	✓✓				✓		87	\$23.37	\$40.48	
FAY-121	Harrodsburg Rd	US 68	Dogwood Trace	New Circle Rd (KY 4)	Modernize Roadway	✓		✓		✓✓		86	\$24.52	\$42.47	
FAY-200	Mason-Headley Rd	n/a	Versailles Rd (US 60)	Harrodsburg Rd (US 68)	Construct Shared Use Path					✓	✓	72	\$5.60	\$9.70	
FAY-048	Mercer Rd	n/a	Greendale Rd (KY 1978)	Georgetown Rd (US 25)	Modernize Roadway					✓✓		68	\$18.38	\$31.83	
FAY-137B	Alumni Dr	n/a	New Circle Rd (KY 4)	Tates Creek Rd	Modernize Roadway			✓✓				68	\$11.25	\$19.49	
FAY-180	Leestown Rd	US 421	Intersection at Forbes Rd		Intersection Redesign			✓✓	✓			68	\$6.13	\$10.62	
FAY-032	Liberty Rd	n/a	New Circle Rd (KY 4)	Winchester Rd (US 60)	Modernize Roadway							59	\$17.40	\$30.14	
FAY-201	Greendale Rd	KY 1978	Citation Blvd	Spurr Rd (KY 1977)	Modernize Roadway					✓✓		55	\$9.84	\$17.04	
JESS-002	Keene Rd	KY 169	Harrodsburg Rd (US 68)	Keene Way Dr	Modernize Roadway							53	\$21.94	\$38.00	
FAY-049	Parkers Mill Rd	KY 1968	Lane Allen Rd	Man O' War Blvd	Modernize Roadway			✓✓				36	\$17.38	\$29.95	Accelerate: Urban Boundary / Park Expansion
FAY-052	Clays Mill Rd	n/a	Brannon Rd (KY 1980)	Twain Ridge	Modernize Roadway							25	\$20.06	\$34.74	Accelerate: New Development / Brannon Conn

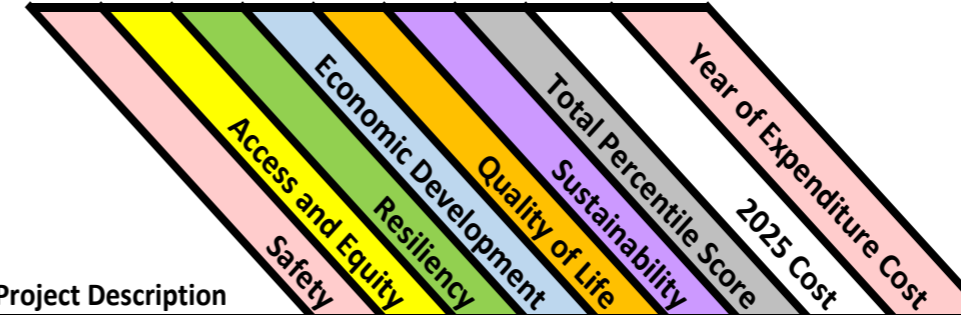
Total Programmed: \$422.82

Total Available: \$423.00

✓✓ 90th percentile score
 ✓ 80th percentile score

Major Infrastructure Recommendations

2040-2044



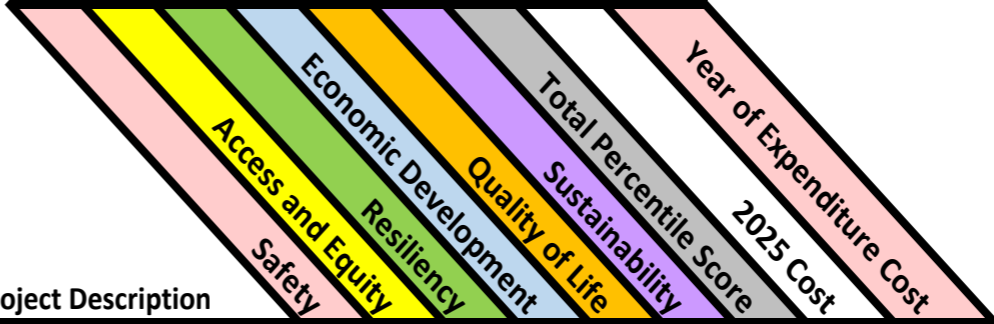
Project ID	Road Name	State Route	From	To	Project Description	Safety	Access and Equity	Resiliency	Economic Development	Quality of Life	Sustainability	Total Percentile Score	2025 Cost	Expenditure Cost	Considerations	
FAY-044B	Russell Cave Rd	n/a	Lexmark Centre Dr	New Circle Rd (KY 4)	Modernize Roadway			✓				✓✓	92	\$1.05	\$2.21	Begin road diet focus after 2035
FAY-161	Harrodsburg Rd	US 68	Larkspur Dr	Springhurst Dr	Intersection Redesign	✓				✓			91	\$3.90	\$8.22	Road currently operating satisfactory
FJ-001C	Lexington Rd	US 27	West Nicholasville Bypass (US 27)	Catnip Hill RD (KY 3375)	Access Management	✓✓				✓			87	\$19.23	\$40.52	Delay: Coordination with other US 27 phases
FAY-169	Tates Creek Rd	KY 1974	Armstrong Mill Rd	Man O' War Blvd	Modernize Roadway					✓			86	\$2.69	\$5.67	Road currently operating satisfactory
JESS-026	Maple St / Wilmore Rd	KY 29 / KY 39	Hoover Blvd	Central Ave	Modernize Roadway						✓✓	✓	84	\$8.68	\$18.29	
FAY-004	E New Circle Rd	KY 4	Richmond Rd (US 25 / 421)	Winchester Rd (US 60)	Reduce Congestion					✓✓	✓		65	\$36.95	\$77.85	
FAY-120	Lane Allen Rd / Alexandria Dr	n/a	Harrodsburg Rd (US 68)	Versailles Rd (US 60)	Modernize Roadway					✓			65	\$10.99	\$23.16	
FAY-162	Tates Creek Rd	KY 1974	Intersection at Redding Rd/Armstrong Mill Rd		Intersection Redesign					✓			65	\$5.13	\$10.81	
FAY-042	Old Todds Rd	n/a	Palumbo Dr	Liberty Rd (KY 1927)	Modernize Roadway					✓	✓	✓	59	\$6.13	\$12.92	
FAY-044A	Russell Cave Rd	n/a	West Loudon Ave	Lexmark Centre Dr	Modernize Roadway								55	\$10.40	\$21.91	
FAY-190	Driscoll St / De Roode St	n/a	Manchester St (KY 1681)	Young Franklin Way	Construct Shared Use Path						✓	✓✓	55	\$1.41	\$2.97	
JESS-005	N 3rd St	KY 169	Nicholasville West Bypass (US 27)	West Oak Street	Modernize Roadway								53	\$14.25	\$30.02	
FAY-006	Tates Creek Rd	KY 1974	Malabu Dr	Armstrong Mill Rd	Modernize Roadway					✓			53	\$11.85	\$24.97	
FAY-194	New Circle Rd	KY 4	Intersection at Winchester Rd (US 60)		Intersection Redesign							✓	49	\$6.00	\$12.64	
FAY-045	Versailles Rd	US 60	Red Mile / Forbes Rd	Porter Place	Modernize Roadway		✓				✓✓	✓	49	\$2.92	\$6.15	
FAY-198	Leestown Rd	US 421	Towne Center Dr	N Forbes Rd	Construct Sidewalks							✓	49	\$2.35	\$4.95	
FAY-051	Greendale Rd	KY 1978	Leestown Rd (US 421)	Citation Blvd	Modernize Roadway					✓✓			47	\$19.95	\$42.03	
FAY-046	W High St	US 60	Porter Pl	Oliver Lewis Way (KY 922)	Modernize Roadway		✓				✓	✓✓	47	\$3.85	\$8.11	
JESS-019	North 3rd St	KY 169	Bridge over CNOT&P RR		Replace Bridge								47	\$3.15	\$6.64	
FAY-141	Alumni Dr	n/a	Man O' War Blvd	New Circle Rd (KY 4)	Intersection Redesign				✓✓				44	\$6.28	\$13.23	
FAY-050	Parkers Mill Rd	KY 1968	Versailles Rd (US 60)	Lane Allen Rd	Modernize Roadway								42	\$24.99	\$52.65	
FAY-146	Richmond Rd	US 25 / 421	Intersection at Old Todds Rd		Intersection Redesign								41	\$7.50	\$15.80	
FAY-012	Harrodsburg Rd	US 68	Pasadena Dr	Burbank Rd	Intersection Redesign								41	\$4.00	\$8.43	
FAY-186	South Elkhorn Trail	n/a	Higbee Mill Rd	Old Harrodsburg Rd	Construct Shared Use Path							✓	37	\$7.96	\$16.77	Delay: ROW challenge / cost
JESS-027	N Lexington Ave (Wilmore)	KY 29	Harrodsburg Rd (US 68)	Main St (KY 1268)	Construct Shared Use Path								36	\$6.18	\$13.02	
FJ-004	Harrodsburg Rd	US 68	Dogwood Trace	Burr Oak Dr / Golf Club Dr	Construct Shared Use Path								30	\$8.07	\$17.00	

Total Programmed: \$217.42
 Total Available: \$533.68

✓✓ 90th percentile score
 ✓ 80th percentile score

Major Infrastructure Recommendations

2045-2050



Project ID	Road Name	State Route	From	To	Project Description	Safety	Access and Equity	Resiliency	Economic Development	Quality of Life	Total Percentile Score	Year of Expenditure Cost	2025 Cost	Expenditure Cost	Considerations	
FAY-041	Old Todds Rd	n/a	Catera Trace	Palumbo Dr	Modernize Roadway					✓	✓	✓	75	\$2.99	\$7.97	Road currently operating satisfactory
FAY-175	Bryan Station Rd	KY 57	New Circle Rd (KY 4)	Rockwood Pkwy	Modernize Roadway	✓	✓					72	\$2.19	\$5.84	Begin road diet focus after 2035	
JESS-008	Main St (Nicholasville)	US 27X	Orchard Ln	Nicholasville West Bypass (US 27)	Modernize Roadway						✓	70	\$7.70	\$20.53	Road currently operating satisfactory	
FAY-196	Russell Cave Rd	KY 353	New Circle Rd (KY 4)	Interstate 75	Road Diet	✓	✓					68	\$2.64	\$7.04	Begin road diet focus after 2035	
FAY-054	Spurr Rd	KY 1977	Georgetown Rd (US 25)	Sandersville Rd	Modernize Roadway							36	\$18.32	\$48.84		
FAY-020	Richmond Rd	US 25/421	Intersection at Man O' War Blvd	n/a	Intersection Redesign					✓		36	\$12.40	\$33.06		
FAY-143	Winchester Rd	US 60	Man O' War Blvd	Haley Rd (KY 859)	Reduce Congestion							32	\$21.04	\$56.09		
FAY-047	Twain Ridge Connector	n/a	Existing Twain Ridge Dr	Harrodsburg Rd (US 68)	New Roadway							32	\$3.42	\$9.12		
FAY-056	Sandersville Rd	n/a	Calendula Rd	Jaggie Fox Way	Modernize Roadway			✓✓				30	\$20.91	\$55.75	Delay: Very expensive bridge project	
JESS-009	Jessamine Station Rd	KY 3433	Mockingbird Ln	Woodspointe Way	Modernize Roadway							30	\$3.62	\$9.65		
FJ-003	Tates Creek Rd	KY 1974	Intersection at DeLong Rd		Intersection Redesign			✓				28	\$3.34	\$8.90	Challenging intersection design	
FAY-128	Versailles Rd	US 60	New Circle Rd (KY 4)	Bluegrass Pkwy	Modernize Roadway	✓✓						27	\$26.92	\$71.77	Accerlerate: Safety Concern	
FAY-193	Manchester Ave	KY 1681	Oliver Lewis Way (KY 922)	Forbes Rd	Modernize Roadway							27	\$22.72	\$60.57	Future Safety Concern	
FAY-134	Clays Mill Rd	n/a	Keithshire Way	Stone Rd	Modernize Roadway						✓	26	\$2.80	\$7.46	Safety concern identified within Safety Action Plan	
FAY-174	Tates Creek Rd	KY 1974	Man O' War Blvd	Ashgrove Rd (KY 1980)	Modernize Roadway							24	\$16.01	\$42.68		
FAY-122	Russell Cave Rd	KY 353	Faulkner Ave	KY 1876 (Greenwhich Pike)	Modernize Roadway							21	\$24.52	\$65.37	Safety concern identified within Safety Action Plan	
JESS-003	Keene Rd	KY 169	Harrodsburg Rd (US 68)	Keene-South Elkhorn Rd (KY 1267)	Modernize Roadway							1	\$21.38	\$57.00	Inadequate design, monitor conditions	

Total Programmed: \$477.42
 Total Available: \$809.10

✓✓ 90th percentile score
 ✓ 80th percentile score

Transit Priority Recommendations

Transit projects sometimes includes infrastructure construction, the primary difference being that the infrastructure is in support of a new or existing public transportation service. This section separates the capital projects from the operational costs for proposed regionally significant transit services. Similar to other infrastructure projects, transit recommendations are anticipated to have sufficient funding available for implementation during its identified time band. Note that operational costs for each transit service operating within the Lexington Region is considered a Grouped Project. (See the section on Grouped Projects).

Transit Priorities

Public Transportation Capital Project Recommendations: 2025 through 2050

Project ID	Project Name	Project Description	Year of Expenditure Cost							2025 Cost	2025 Cost	Considerations
			Funding Committed	2025 to 2029	2030 to 2034	2035 to 2039	2040 to 2044	2045 to 2050				
T-006	Lextran Transit Center Improvements	Renovate downtown transit center to update and upgrade passenger facilities	X							\$2.60	\$2.60	
T-001A	Lextran Fixed Route Clean Bus Purchases	Transition fleet to Compressed Natural Gas (CNG) or Battery Electric - 6 vehicles per year		X	X	X	X	X		\$150.00	\$267.84	Combination annual capital outlays and carbon reduction funds
T-014	Lextran Electric Vehicle Canopy Project	Install canopy and recharging stations to protect and service Battery Electric Buses		X						\$10.00	\$10.00	
T-005	Lextran Wheels Operations & Maintenance Facility	Construct new facility dedicated to servicing Lextran Wheels vehicles			X					\$2.00	\$2.84	
T-008	Lextran Farebox Replacement	Update and upgrade farebox equipment on Lextran Buses			X					\$0.75	\$1.07	
T-001B	Lextran Wheels Cutaway Vehicle Purchases	Transition fleet from leased to owned vehicles - 5 per year			X	X	X	X		\$3.00	\$5.95	
FJ-002	Nicholasville Rd Bus Rapid Transit or Other Enhanced Service - Capital Expenditures	Implement enhanced transit service between Downtown Lexington and Brannon Crossing based on recommendations from US 27 Feasibility Study			X					\$26.67	\$37.95	Roadway costs included in major infrastructure recommendations
									Total Programmed:	\$328.25		
									Total Available:	\$330.00		

Public Transportation New Service Project Recommendations: 2025 through 2050

Project ID	Project Name	Project Description	Year of Expenditure Cost							2025 Cost	2025 Cost	Considerations
			Funding Committed	2025 to 2029	2030 to 2034	2035 to 2039	2040 to 2044	2045 to 2050				
T-012	BGCAP Intercity Bus Service	Peak Period bus service between Georgetown and Downtown Lexington		X	X	X	X	X		\$3.75	\$6.70	
T-013	BGCAP Intercity Bus Service	Peak Period bus service between Frankfort and Downtown Lexington		X	X	X	X	X		\$3.75	\$6.70	
T-015	Expansion of Lextran Wheels Services	Expand operations to serve between 15,000 and 17,000 trips monthly			X	X	X	X		\$54.00	\$110.38	Additional cost above current operations (12,000 trips monthly)
FJ-002	Nicholasville Rd Bus Rapid Transit or Other Enhanced Service - Operations Expenditures	Implement enhanced transit service between Downtown Lexington and Brannon Crossing based on recommendations from US 27 Feasibility Study				X	X	X		\$26.25	\$56.92	
									Total Programmed:	\$180.70		
									Total Available:	\$181.00		

Grouped Projects

Grouped Projects are relatively small-scale transportation projects that make important contributions to the region's transportation system and the achievement of Lexington Area MPO goals but are not considered major infrastructure projects. In general, Grouped Projects have a construction cost of less than \$1.0 million in 2025 dollars. The Grouped Project designation is used to more efficiently advance projects through the transportation planning process to better serve the residents of the region by delivering projects more quickly. Due to their small size, Grouped Projects are not individually included in the MTP, though the collective costs of Grouped Projects are identified in the MTP financial analysis under estimated maintenance expenditures. Grouped Projects are included in the TIP when funding has been dedicated for their implementation. To further ease implementation, projects classified as an eligible Grouped Project can be administratively modified into the TIP rather than go through the formal and longer amendment process. Grouped Project categories in the TIP are the same as those in the MTP. To be considered a Grouped Project, a project must meet the intent and criteria of one of the ten Grouped Project categories as defined below.

- Bicycle and Pedestrian Facilities
- Highway Preventative Maintenance or Rehabilitation
- Bridge Maintenance, Rehabilitation or Reconstruction
- Highway Safety Improvements
- Intelligent Transportation System (ITS) Projects
- Transportation Enhancements, Streetscaping or Landscaping
- Traffic Signal Maintenance or Installation
- Other Transportation Systems or Operational Projects (TSMO)
- Transit Vehicle Maintenance or Rehabilitation
- Transit Operations

Corridor or Modal Studies

There are a number of corridors or issues where a preferred solution is not immediately apparent, or a consensus on a preferred solution has not yet been reached. In some cases an assessment is needed to determine the long-term viability of a particular transportation concept. The MTP recommends further study for the items below in order to provide clarity on an appropriate course of action. Each study is estimated to cost between \$250,000 and \$350,000. MPO staff estimate that sufficient resources exist to perform one study per year. This list is not in order of priority. Determining priorities and identifying funding will be addressed in the annual Unified Planning Work Program adoptions by the MPO TPC.

North Broadway Corridor & Land Use Study
Winchester Road Corridor & Land Use Study
Man O'War Blvd Corridor Study
South Lexington Trail Connectivity Study
North Lexington Trail Connectivity Study
Downtown Master Plan - Including Downtown Circulation
Microtransit Feasibility Study
Lextran Cross-Town Service Study
Long-Range Transit Plan
Electric Vehicle Charging Study
Automated Vehicle Readiness Study
Light Rail / Intercity Readiness Study
Truck Parking Feasibility Study
Street Right-Sizing Opportunity Study
Tolling Feasibility Study - Nicholasville to Richmond Road

Strategies

During the development of the MTP several recommendations were identified that do not fall into the category of infrastructure construction or new service implementation but rather are policy based. These policies would be under the purview of various owners or operators of the regional transportation system such as KYTC, Lextran, LFUCG, the Cities of Nicholasville or Wilmore, Jessamine County. These recommendations address an issue in order to improve performance of the transportation system.

Strategies for SAFETY:

Implement priority projects from the Lexington Safety Action Plan

Develop a Safety Action Plan for Jessamine County and implement priority projects

Establish a Vision Zero Coordinator position

Create a multi-disciplinary committee or work group to implement and track progress of safety projects and initiatives

Use the MPO Complete Streets Policy framework to review safety-based design features for all travel mode for all federally funded projects

Work with local and state agencies to update roadway design standards to align with best practices for Complete Streets, the FHWA Safe Systems Approach, and FHWA Proven Safety Countermeasures

Provide support to develop and implement Speed Management Plans

Expand and support public education, awareness and enforcement campaigns

Work with state and local agencies to modify existing roadway lane configurations during resurfacing projects to improve safety for all users

Work with maintenance agencies to improve pavement marking visibility and reflectivity

Work with state and local agencies to establish a policy and/or design standards whereby roundabouts, restricted crossing U-turn intersections (RCUTs), or other safety-based intersection designs are the primary standard for collector & arterial intersections

Review street lighting standards, policies and needs

Provide training on Complete Streets, the FHWA Safe Systems Approach, and FHWA Proven Safety Countermeasures

Strategies for ACCESS & EQUITY:

Work with local agencies to implement priority projects identified in the MPO's Bicycle & Pedestrian Master Plan

Review and update the MPO's Bicycle & Pedestrian Master Plan prior to the next MTP update

Advance bicycle & pedestrian design phases with MPO-dedicated funds to increase project competitiveness for state and federal grant funding

Develop a Long Range Transit plan and vision for the future of high quality transit service in the Lexington area - help build community consensus and develop funding strategies to achieve that vision

Invest in upgrades to transit facilities including accessible sidewalks and bus stops, benches, shelters and other amenities

Identify, prioritize and fund opportunities to increase transit service frequency on arterials

Identify ways to reduce transit travel times including additional transfer points and/or cross-town routes

*Implement traffic signal priority for Lextran buses on priority transit routes
Coordinate affordable housing strategies with bicycle, pedestrian and transit projects*

Identify opportunities to increase street, sidewalk and bikeway connectivity where barriers significantly impact travel distances for walking and biking and/or for emergency response and vehicular travel

Strategies for RESILIENCY:

Support local and state agencies in deploying Intelligent Transportation System (ITS) and Transportation System Management and Operations (TSMO) technologies and strategies

Support the deployment of technology that better assesses current road and traffic conditions to disseminate this information to travelers in real time

Maintain and update the regional ITS Architecture

Identify future vulnerabilities and threats to the transportation system and provide recommendations to ensure continued or restored system operations

Work with transit agencies to identify funding opportunities to replace vehicles in poor repair and to reduce the number of vehicles that are beyond their useful life

Work with KYTC and local agencies to identify needs for vehicle-to-infrastructure and vehicle-to-vehicle communications to increase regional Connected and Autonomous Vehicle (CAV)

Support adequate investment in bridge and pavement maintenance activities to ensure that no transportation infrastructure assets rank in poor condition, nor that assets in fair condition fall into poor repair

Strategies for QUALITY of LIFE:

Develop a multidisciplinary review process for evaluating design alternatives, tradeoffs, and how well projects achieve various livability and community-based quality of life goals such as walkability, sense of place, green and healthy streets, etc.

Outline a clear process for developing a community-driven vision, goals and objectives at the outset of roadway projects that includes robust public input to inform and guide project design decision-making

Collaborate with local and state agencies to update roadway design standards to include quality of life elements such as landscaping, street trees, public art, pedestrian-scale lighting & amenities.

Collaborate with local agencies to build bicycle, pedestrian and transit infrastructure through development, zoning and subdivision regulations

Strategies for ECON. DEVELOPMENT:

Identify opportunities to leverage Federal and MPO funding with other public or private sector resources

Continue monitoring regional freight flows and freight connectivity to identify projects that are necessary to provide reliable freight travel times

Continue implementing ITS and targeted bottleneck projects from the Congestion Management Bottleneck study to maximize travel time reliability

Coordinate with local and regional transit agencies to provide and improve transit service to major employment hubs within Fayette and Jessamine County

Coordinate with regional transit agencies to increase the availability and frequency of inter-city routes within the Bluegrass Region

Some strategies for SUSTAINABILITY:

Assess regional electric vehicle and clean fuel needs and develop an action plan to implement recommendations

Seek and/or provide grants to increase the number of publicly available EV chargers

Develop incentive programs, private/public partnerships, and local requirements for EV chargers

Identify opportunities to transition public sector vehicles to EV or clean fuels (i.e. school buses, emergency response vehicles, solid waste trucks, etc.)

Work with the KYTC to complete Phase 1 of the National Electric Vehicle Infrastructure (NEVI) plan for the MPO region

Develop coordinated land use & transportation plans for major arterials

Coordinate with and support local agencies in updating development regulations with respect to land use and urban design that results in compact, walkable, and transit-oriented development

Promote and market alternative transportation options

Work with state and local agencies to incorporate green infrastructure into street design standards and projects.