

Transportation 2050 Amendment #1 for Public Review and Comment

The Lawrence - Douglas County Metropolitan Planning Organization (MPO) Policy Board approved Transportation 2050 on March 16, 2023¹. Transportation 2050 is the blueprint for our future Transportation system. It is a vision for a healthy, safe, and efficient Transportation system, which adequately serves Lawrence, Eudora, Baldwin City, Lecompton, and unincorporated areas of Douglas County. Transportation 2050 forecasts funding for Transportation operations/maintenance and projects addressing Transportation needs throughout Douglas County between 2023 and 2050. The plan can be amended as new projects, funding, or programs occur. The MPO's Public Participation Plan requires proposed Transportation 2050 minor amendments to move projects from the illustrative list to the fiscally constrained list be released for 15-day public comment and review.²

The City of Eudora has requested an amendment to Transportation 2050:

- The **Church Street Community Connectivity and Multimodal Enhancement Project** is currently listed on the illustrative list and is being requested to be moved into the Transportation 2050 fiscally constrained project list.

Church Street Community Connectivity & Multimodal Enhancements (MPO #104)

Description: The project will fund the reconstruction of approximately one mile of road from 20th Street to 28th Street, converting the existing two-lane road to a three-lane road with a center turn lane, new shared-used paths, realignment of the 20th Street intersection, installation of roundabouts, new stormwater infrastructure and connection to future shared-use improvements.

The project meets the following Transportation 2050 goals:

- Transportation Options: This project will provide bicycle and pedestrian facilities separated from vehicle traffic on shared use paths on both sides of the street and across K-10.
- Safety & Security: The center turn lane, roundabout, and shared use paths are all safety improvements.
- Shared Prosperity: This project will contribute to shared prosperity by providing improved access for economic development and providing multimodal access across K-10.
- Sustainability: This project will allow more trips to be made using active transportation due to the provision of bicycle and pedestrian facilities.

Financial Capacity

Transportation 2050's financial plan must be fiscally constrained, which is intended to ensure the plan reflects realistic assumptions about future revenues and revenues are "reasonably expected to be available" to implement projects identified. Transportation 2050 can only include projects that can be constructed given the total funding reasonably expected to be available through 2050. Projects outside of this fiscal constraint can be included in long range plan, but only as illustrative projects for consideration with future funding sources.

¹ Access Transportation 2050 at: <https://lawrenceks.org/mpo/t2050/>

² Access the Public Participation Plan at: https://lawrenceks.org/mpo/public_participation

Proposed Transportation 2050 Amendment 1 Summary

On June 28, 2023, the [Church Street Community Connectivity & Multimodal Enhancements project](#) was awarded a \$21,250,660 Rebuilding American Infrastructure with Sustainability and Equity (RAISE) grant from the U.S. Department of Transportation. This federal investment ensures the project is within fiscal constraint.

What are RAISE Discretionary Grants?

The **Rebuilding American Infrastructure with Sustainability and Equity (RAISE)** program funds projects in all 50 states, the District of Columbia, and two territories with funding provided by the 2021 Infrastructure Investment and Jobs Act. This rolling grant provided \$2.26 billion in 2023 to 162 projects in all 50 states.

The full list of 2023 recipients as well as more detailed information can be found at

<https://www.transportation.gov/RAISEgrants>.

Amended funding Table:

Eudora	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 7,895,700	\$ 23,832,000	\$ 7,170,000	\$ 7,693,100	\$ 8,256,600	\$ 8,863,200
O&M Expenditures	\$ 4,392,600	\$ 5,040,700	\$ 7,359,000	\$ 8,740,400	\$ 10,381,300	\$ 12,330,000
Shortfall	\$ -	\$ -	\$ (189,000)	\$ (1,047,300)	\$ (2,124,700)	\$ (3,466,800)
\$ Available for Projects	\$ 3,503,100	\$ 18,791,300	\$ -	\$ -	\$ -	\$ -

Amendment Project Listing:

Eudora								
#	Name	Description	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
		Reconstruct 1.4 miles of Church St & conversion from 2 to 3 lanes with center turn lane. Realignment of the 20th St. intersection, new roundabouts at 20th & 23rd St. Shared use path across K-10 & both sides of Church St.	\$ 3,848,000	\$ 17,750,600				
104	Church Street Connectivity & Multimodal Enhancements		\$ 4,392,600	\$ 5,040,700	\$ 7,359,000	\$ 8,740,400	\$ 10,381,300	\$ 12,330,000
O&M	Operations & Maintenance (O&M) activities	General Unprogrammed O&M	\$ 8,240,600	\$ 22,791,300	\$ 7,359,000	\$ 8,740,400	\$ 10,381,300	\$ 12,330,000
		Total Project Cost	\$ 8,240,600	\$ 23,135,600	\$ 7,170,000	\$ 7,693,100	\$ 8,256,600	\$ 8,863,200
		Projected Revenues	\$ 8,940,700	\$ 23,135,600	\$ 7,170,000	\$ 7,693,100	\$ 8,256,600	\$ 8,863,200
		Remaining Unprogrammed Revenues	\$ 700,100	\$ 344,300	\$ (189,000)	\$ (1,047,300)	\$ (2,124,700)	\$ (3,466,800)
		Fiscally Constrained	Yes	Yes	No	No	No	No

*Eudora has an O&M shortfall as O&M costs outpace revenues. However, if additional funding is required, Eudora will allocate general funding to fill the gap.

Proposed Transportation 2050 Amendment 1 Summary

Amended Illustrative List:

This list is for projects that are desired in the region, but do not fit within the fiscal projections of the long range plan.

Illustrative Projects List			
Entity	Project Route	Project Description	Project Location
Lawrence	6th Street/US-40	Extension of 6th Street to arterial street standards including pavement, storm sewer, construction of major arterial street to accommodate future growth west of K-10.	John Wesley Way to E800 Rd.
Lawrence	Bob Billings Pkwy	Improvements include street, storm sewer,	K-10 to E 800 Rd
Lawrence/DG Co/ KDOT	US-40	Widen to 4 lanes	E 800 Rd. to Stull Rd./CR. 442 at E 700 Rd.
KDOT	US-56	Reconstruction and addition of paved shoulders, intersection improvements and other safety	E1600 Rd to the Douglas/Johnson County Line
KDOT	US 56	Reconstruction	US 59 west to Osage County Line
		Reconstruction includes new concrete parking, street, curb and gutter, traffic signals, concrete planters, street lights, irrigation, mid block crossings, landscaping, bollards, street furniture, and gateway/wayfinding signage	6th Street to North Park Street.
Lawrence	Massachusetts St	Intersection improvements with signals and turn	31st Street and Louisiana
Lawrence	31st Street and Louisiana	Intersection improvements with signals and turn	31st Street and Louisiana
Lawrence	6th St. and McDonald Rd./US-59	Replacement and Upgrades	6th St. and McDonald Rd./US-59 Interchange
		Reconstruction to City standards, addition of bike/ped accommodations and Intersection improvements at Princeton Boulevard Intersection	McDonald Dr: I-70 to 6th St.
Lawrence	McDonald Drive	Reconstruction to City standards, addition of bike/ped accommodations and Intersection improvements at Princeton Boulevard Intersection	McDonald Dr: I-70 to 6th St.
Lawrence	Lawrence Loop Trail - Kaw River - 7th street to Constant Park	Complete the downtown section of the Lawrence Loop Trail	Lawrence Loop Trail from the Santa Fe Depot on 7th Street to Constant Park
KDOT	K-10	Widen to 6 lanes	Lawrence to Johnson County line
		Reconstruction road with center turn lane, new bike/pedestrian facilities, realigned 20th Street intersection, additional intersection enhancements at 20th Street and 23rd Street	Church Street 15th Street to 28th Street
Eudora	Church Street Community Connectivity and Multi-modal Enhancement Project	Reconstruction road with center turn lane, new bike/pedestrian facilities, realigned 20th Street intersection, additional intersection enhancements at 20th Street and 23rd Street	Church Street 15th Street to 28th Street
Douglas Co	Route 1061 at N700	Intersection relocation	Route 1061 and N700
Douglas Co	Route 1061 at N700	Paved shoulders	Eudora South to US56

Note: Standalone bicycle and pedestrian infrastructure identified in approved plans, that exceed the available bike/ped funding should be considered illustrative

Assessing Implementation

The project included in the amendment was analyzed using the newest Environmental Justice (EJ) criteria from the Federal Fiscal Year (FFY) 2023-2026 Transportation Improvement Program (TIP).³ This Environmental Justice criteria has been updated with the newest available data since Transportation 2050 was adopted.

Project #104 is not in proximity to the EJ zone. It is not anticipated for the project to have any adverse disproportionate impacts on the EJ population after construction.

Planning Process

This amendment is the first step to begin design of the project. Before designing and engineering the project, the project needs to be included on the Transportation 2050 fiscally constrained project list. Projects in Transportation 2050 can be included in the Federal Fiscal Year (FFY) 2023-2026 Transportation Improvement Program (TIP), which is the short-range listing of transportation projects in Douglas County. Once the project is in the TIP, the design phase can commence.

³ <https://assets.lawrenceks.org/mpo/tip/2023-2026-TIP-A3.pdf>

Public Comment Period

The MPO's Public Participation Plan requires proposed Transportation 2050 minor amendments to move projects from the illustrative list to the fiscally constrained list be released for 15-day public comment and review.⁴

The 15-day public comment period is scheduled for September 7th to 22nd, 2023.

Comments received on or before September 22nd will be considered for the final document, to be presented to the Lawrence-Douglas County Metropolitan Planning Organization (MPO) Policy Board for consideration at their October 19th regular meeting.

The draft Transportation 2050 Amendment 1 will be available for public review at:

Online at: <https://lawrenceks.org/mpo/t2050/>

Lecompton City Hall
327 Elmore Street

Lawrence Public Library
707 Vermont Street

Baldwin City Public Library
800 7th Street

Lawrence City Hall Riverfront - Planning &
Development Services Office
1 Riverfront Plaza, Suite 320,
from 8 am to 4 pm

Eudora City Hall
4 E 7th Street

Written comments can be emailed to mpo@lawrenceks.org or mailed to Jessica Mortinger at the Lawrence-Douglas County Metropolitan Planning Organization, PO Box 708, Lawrence, KS 66044-0708.

⁴ Access the Public Participation Plan at: https://lawrenceks.org/mpo/public_participation

Transportation 2050 Pages Changing in Amendment 1

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Table 5.9: 2023-2050 Road and Bridge Projections Revenues (-) O&M Expenditures = \$ Available for Projects

Roads and Bridges						
Revenues (-) O&M Expenditures = \$ Available for Projects						
1.5% Growth Annually and Lawrence Sales Taxes with 3.5% O&M Increase Annually						
Lawrence	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 92,905,600	\$ 100,674,700	\$ 129,203,300	\$ 138,722,300	\$ 148,977,100	\$ 160,024,600
O&M Expenditures	\$ 52,707,700	\$ 57,160,700	\$ 80,197,600	\$ 95,250,100	\$ 113,126,700	\$ 134,358,100
Shortfall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ Available for Projects	\$ 40,197,900	\$ 43,514,000	\$ 49,005,700	\$ 43,472,200	\$ 35,850,400	\$ 25,666,500
Eudora	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 7,895,700	\$ 23,832,000	\$ 7,170,000	\$ 7,693,100	\$ 8,256,600	\$ 8,863,200
O&M Expenditures	\$ 4,392,600	\$ 5,040,700	\$ 7,359,000	\$ 8,740,400	\$ 10,381,300	\$ 12,330,000
Shortfall	\$ -	\$ -	\$ (189,000)	\$ (1,047,300)	\$ (2,124,700)	\$ (3,466,800)
\$ Available for Projects	\$ 3,503,100	\$ 18,791,300	\$ -	\$ -	\$ -	\$ -
Baldwin City	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 3,337,600	\$ 3,542,400	\$ 4,735,500	\$ 5,101,500	\$ 5,495,800	\$ 5,578,200
O&M Expenditures	\$ 2,141,700	\$ 2,457,500	\$ 1,361,400	\$ 6,362,400	\$ 17,959,600	\$ 21,329,600
Shortfall	\$ -	\$ -	\$ -	\$ (1,260,900)	\$ (12,463,800)	\$ (15,751,400)
\$ Available for Projects	\$ 1,195,900	\$ 1,084,900	\$ 3,374,100	\$ (1,260,900)	\$ (12,463,800)	\$ (15,751,400)
Lecompton	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 129,000	\$ 137,000	\$ 182,600	\$ 197,000	\$ 212,000	\$ 228,500
O&M Expenditures	\$ 129,000	\$ 153,500	\$ 223,700	\$ 264,300	\$ 311,200	\$ 367,200
Shortfall	\$ -	\$ (16,500)	\$ (41,100)	\$ (67,300)	\$ (99,200)	\$ (138,700)
\$ Available for Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Douglas County	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 61,028,300	\$ 48,766,600	\$ 65,187,000	\$ 70,224,000	\$ 75,651,800	\$ 81,499,400
O&M Expenditures	\$ 27,438,000	\$ 30,703,035	\$ 44,824,510	\$ 53,237,457	\$ 63,229,398	\$ 75,096,691
Shortfall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ Available for Projects	\$ 33,590,300	\$ 18,063,565	\$ 20,362,490	\$ 16,986,543	\$ 12,422,402	\$ 6,402,709
KDOT	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 291,608,900	\$ 125,861,900	\$ 168,243,200	\$ 181,246,100	\$ 195,253,200	\$ 210,343,100
O&M Expenditures	\$ 2,486,900	\$ 2,853,400	\$ 4,166,100	\$ 4,947,900	\$ 5,876,100	\$ 6,978,700
Shortfall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ Available for Projects	\$ 289,122,000	\$ 123,008,500	\$ 164,077,100	\$ 176,298,200	\$ 189,377,100	\$ 203,364,400
KTA	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 7,952,300	\$ 6,121,300	\$ 3,904,900	\$ 4,206,500	\$ 4,531,500	\$ 4,881,600
O&M Expenditures	\$ 7,952,300	\$ 6,121,300	\$ 3,904,900	\$ 4,206,500	\$ 4,531,500	\$ 4,881,600
Shortfall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
\$ Available for Projects	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
MPO Region	2023-2026	2027-2030	2031-2035	2036-2040	2041-2045	2046-2050
Revenues	\$ 464,857,400	\$ 308,935,900	\$ 378,626,500	\$ 407,390,500	\$ 438,378,000	\$ 471,418,600
O&M Expenditures	\$ 97,248,200	\$ 104,490,135	\$ 142,037,210	\$ 173,009,057	\$ 215,415,798	\$ 255,341,891
Shortfall	\$ -	\$ (16,500)	\$ (230,100)	\$ (2,375,500)	\$ (14,687,700)	\$ (19,356,900)
\$ Available for Projects	\$ 367,609,200	\$ 204,445,765	\$ 236,589,290	\$ 234,381,443	\$ 222,962,202	\$ 216,076,709

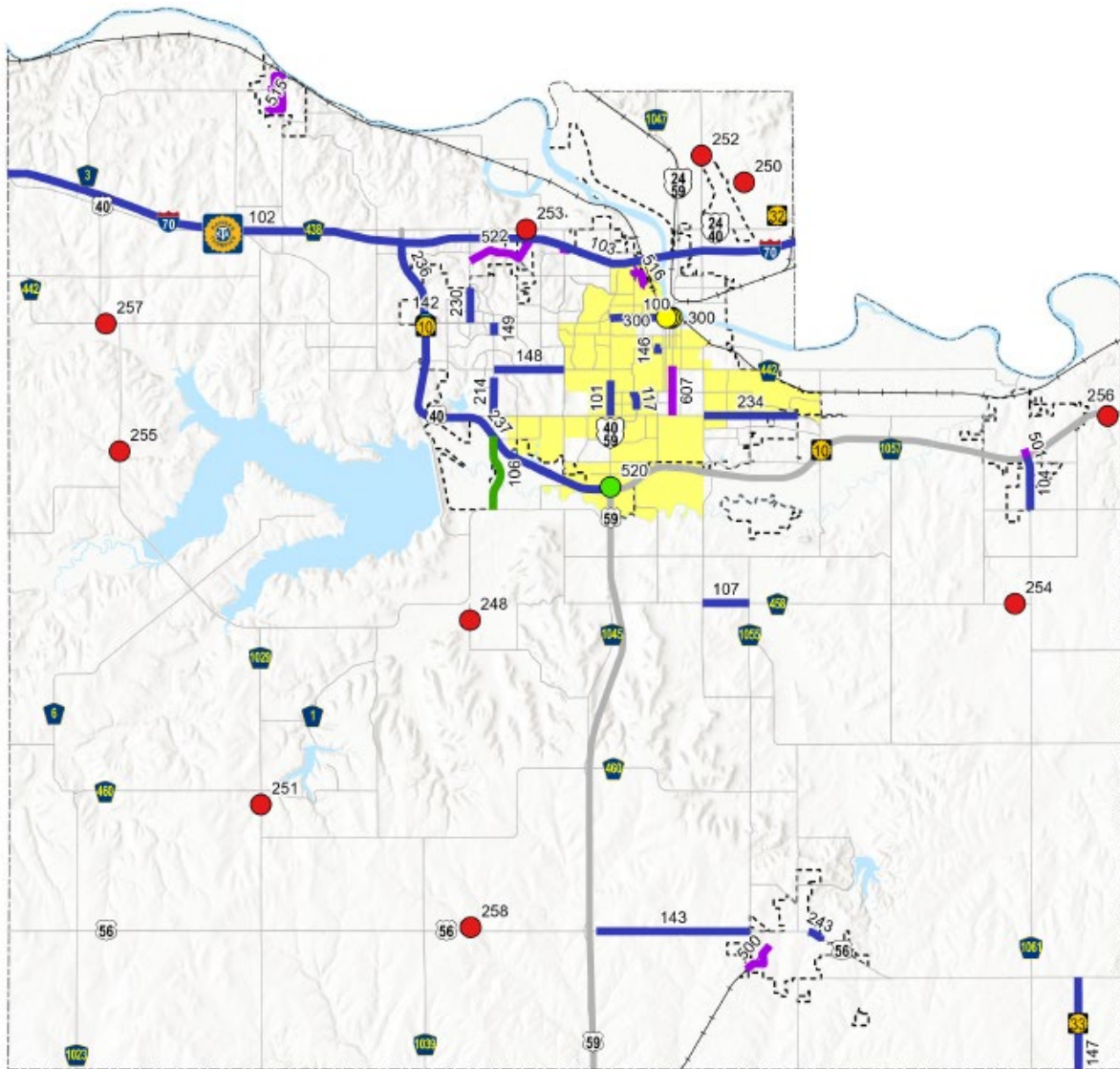
Note: Shortfalls represent a reduction in services that will need to occur if additional funding is not allocated. Private development roadways are not included in the fiscal constraint.

Table 6.6 Illustrative Projects List

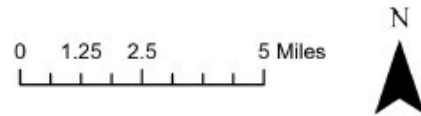
Illustrative Projects List			
Entity	Project Route	Project Description	Project Location
Lawrence	6th Street/US-40	Extension of 6th Street to arterial street standards including pavement, storm sewer, bike/ped facilities.	John Wesley Way to E800 Rd.
Lawrence	Bob Billings Pkwy	Construction of major arterial street to accommodate future growth west of K-10. Improvements include street, storm sewer, sidewalk, and bike facility.	K-10 to E 800 Rd
Lawrence/DG Co/KDOT	US-40	Widen to 4 lanes	E 800 Rd. to Stull Rd./CR. 442 at E 700 Rd.
KDOT	US-56	Reconstruction and addition of paved shoulders, intersection improvements and other safety upgrades	E1600 Rd to the Douglas/Johnson County Line
KDOT	US 56	Reconstruction	US 59 west to Osage County Line
		Reconstruction includes new concrete parking, street, curb and gutter, traffic signals, concrete planters, street lights, irrigation, mid block crossings, landscaping, bollards, street furniture, and gateway/wayfinding signage	
Lawrence	Massachusetts St		6th Street to North Park Street.
Lawrence	31st Street and Louisiana Intersection	Intersection improvements with signals and turn lanes	31st Street and Louisiana
Lawrence	6th St. and McDonald Rd./US-59	Replacement and Upgrades	6th St. and McDonald Rd./US-59 Interchange
Lawrence	McDonald Drive	Reconstruction to City standards, addition of bike/ped accommodations and Intersection improvements at Princeton Boulevard Intersection	McDonald Dr: I-70 to 6th St.
Lawrence	Lawrence Loop Trail - Kaw River - 7th street to Constant Park	Complete the downtown section of the Lawrence Loop Trail	Lawrence Loop Trail from the Santa Fe Depot on 7th Street to Constant Park
KDOT	K-10	Widen to 6 lanes	Lawrence to Johnson County line
Douglas Co	Route 1061 at N700	Intersection relocation	Route 1061 and N700
Douglas Co	Route 1061 at N700	Paved shoulders	Eudora South to US56

Note: Standalone bicycle and pedestrian infrastructure identified in approved plans, that exceed the available bike/ped funding should be considered illustrative

Figure 6.12: Fiscally Constrained Road and Bridge Projects (w/EJ)



- | | |
|---------------------------|-----------------------------------|
| Projects (Labeled) | Environmental Justice Zone |
| ● Bike/Ped | — Railroads |
| ● Bridge | - - - City Boundaries |
| ● Interchange | ▭ County Boundary |
| ● Signal | ■ Water Bodies |
| — Pedestrian/Bicycle | |
| — Road | |
| — Road, Bridge | |

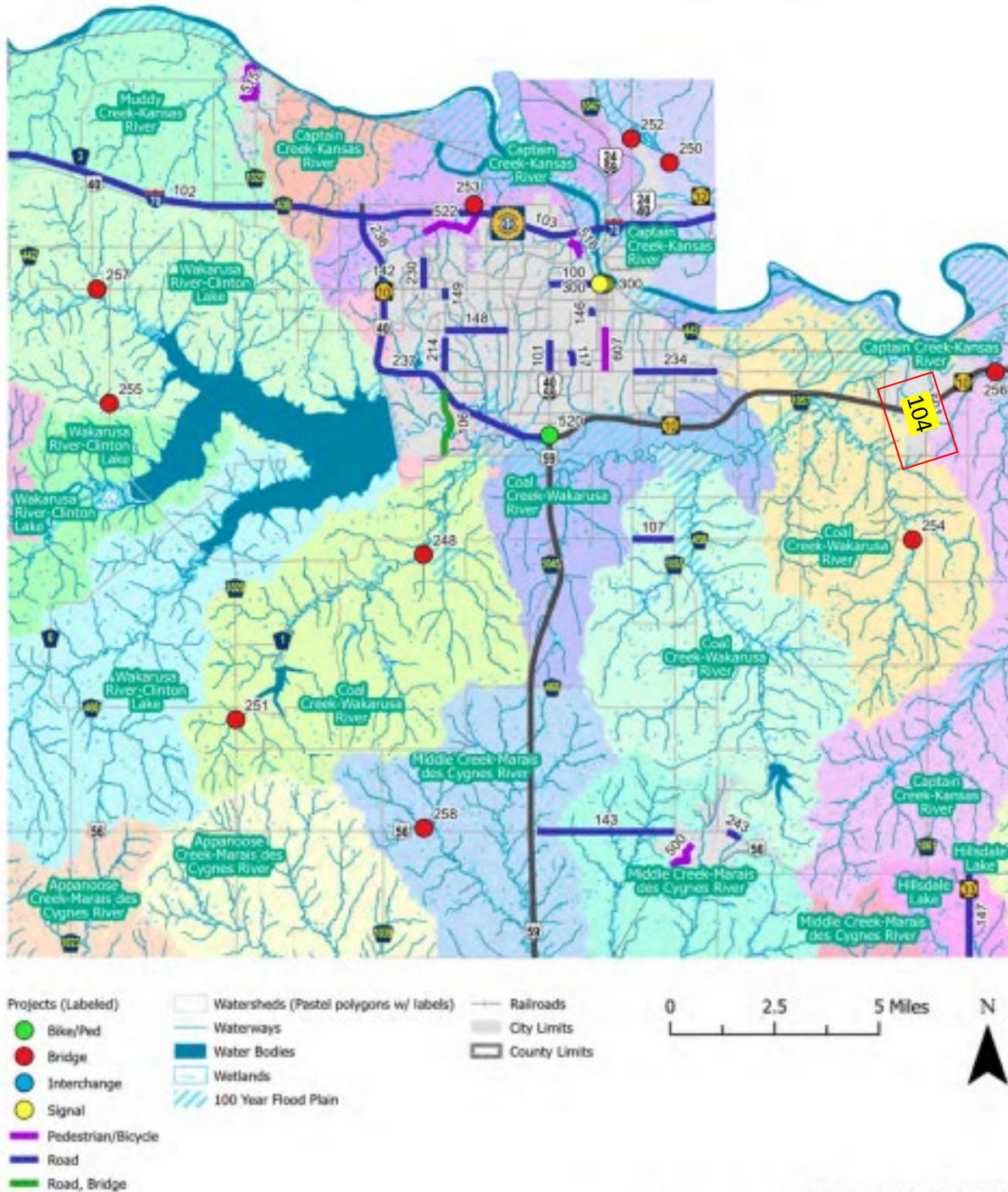


Date Exported: 8/30/2023
 Source: 2020 ACS 5-year Est. & LMISD
 Produced: Lawrence-Douglas County MPO

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Figure 7.7: Floodplains and Wetlands and Mapped Projects

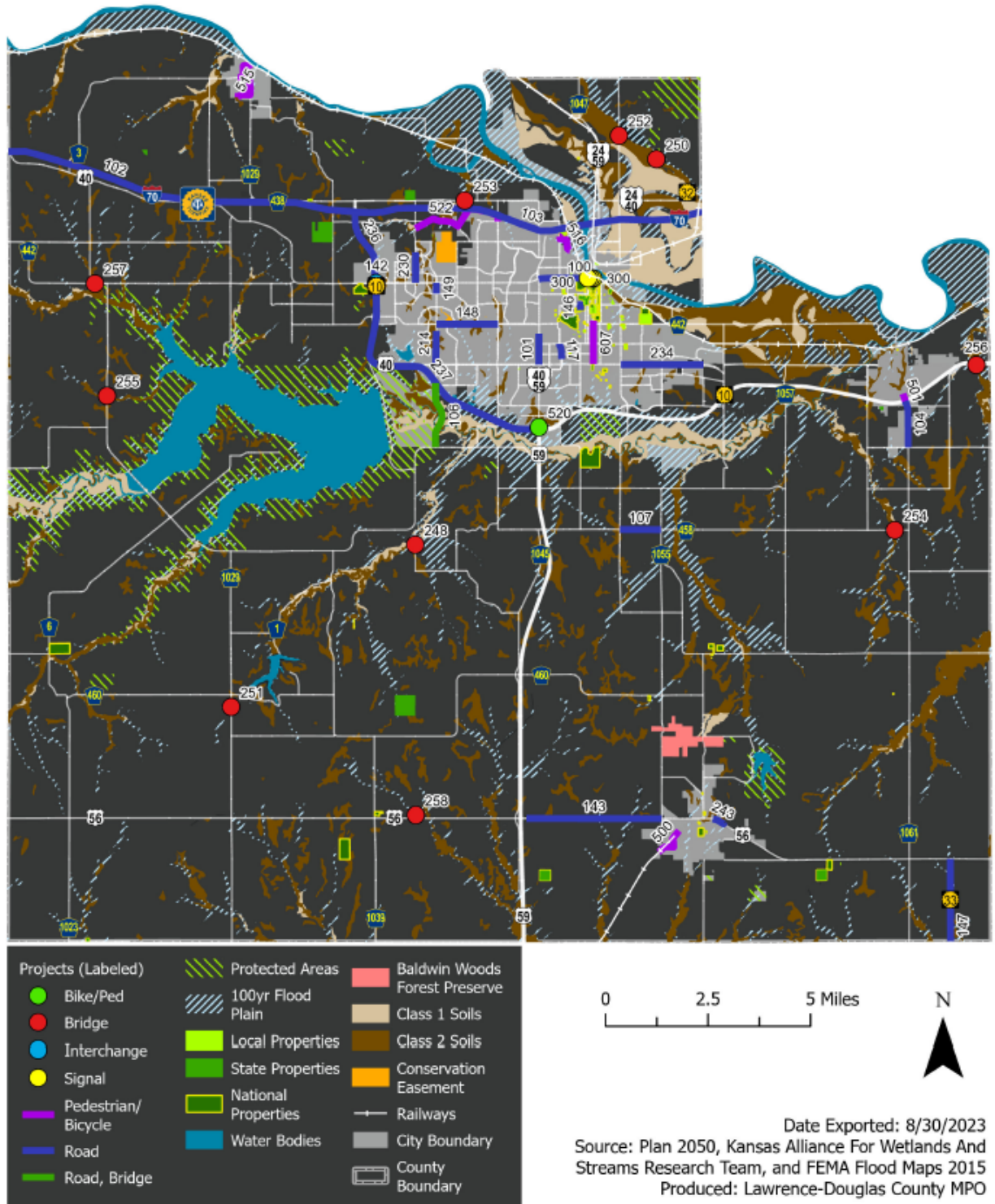


Date Exported: 2/28/2023
 Source: Plan 2050, Kansas Alliance For Wetlands And
 Streams Research Team, and FEMA Flood Maps 2015
 Produced: Lawrence-Douglas County MPO

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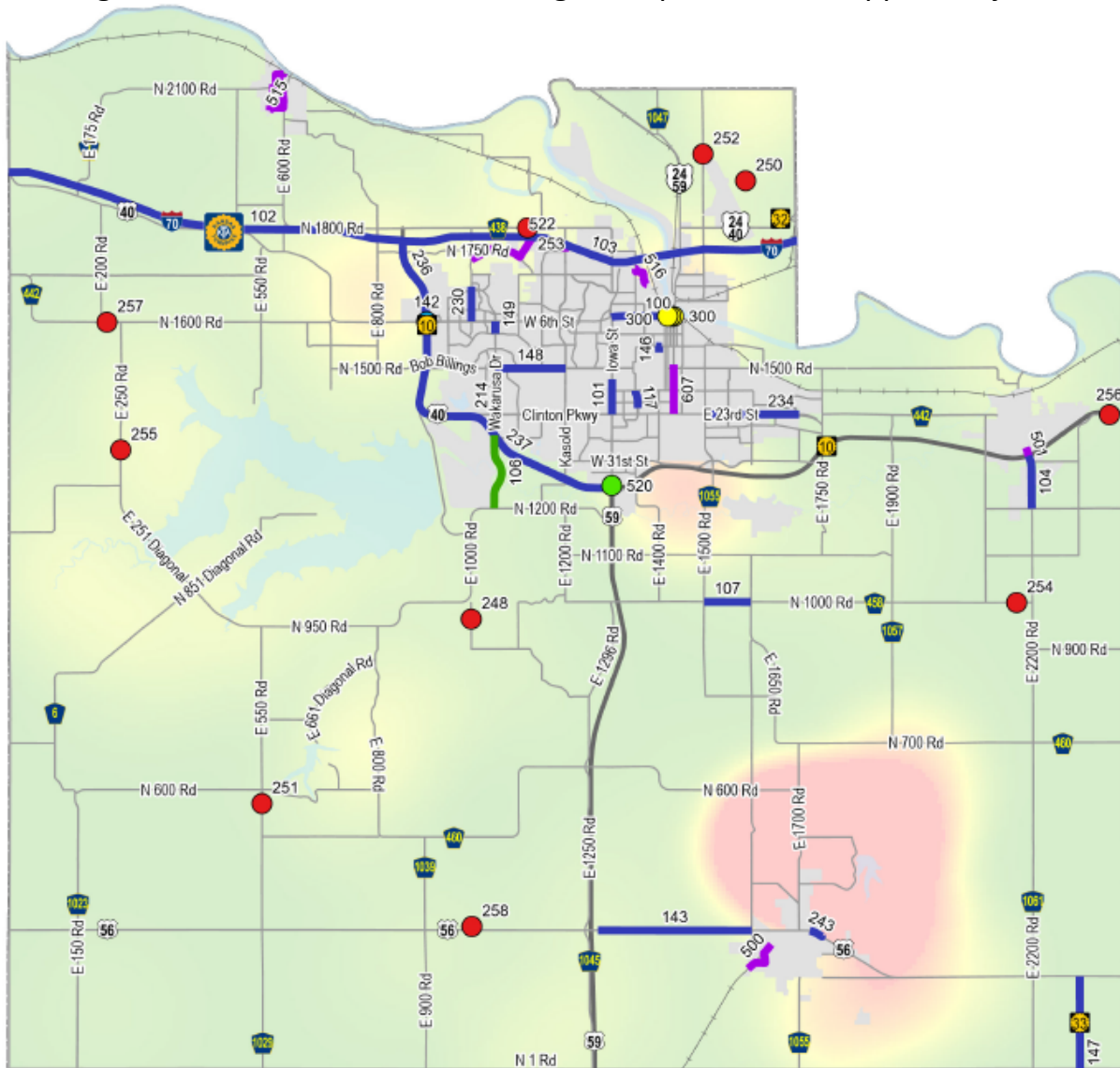
Figure 7.8: Other Environmentally Sensitive Areas and Mapped Projects



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Figure 7.9: Threatened and Endangered Species and Mapped Projects



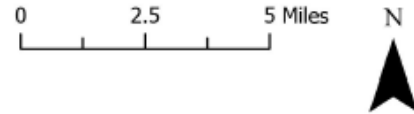
Threatened and Endangered Species

- High Intensity
- Low Intensity

- Railroads
- Water Bodies
- City Limits
- County Limits

Projects (Labeled)

- Bike/Ped
- Bridge
- Interchange
- Signal
- Pedestrian/Bicycle
- Road
- Road, Bridge



Date Exported: 8/30/2023
 Source: Kansas Alliance For Wetlands And Streams Research Team and Plan 2050
 Produced: Lawrence-Douglas County MPO

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Table 7.1 Project List (Road & Bridge and Bike & Ped) Located in the EJ Zone

MPO #	Project Name	Project Type	EJ Zone	Benefits
100	6th St.: Iowa St. to Massachusetts St.	Preservation	Yes	Improves multi modal facilities, pavement condition, safety improvements
101	Iowa St. Reconstruction: Irving Hill Rd. to 23rd St.	Preservation	Yes	Improves multi modal facilities, pavement condition, safety improvements
102	I-70 Pavement Surfacing: Shawnee County line to Leocompton Interchange	Preservation	No	Pavement Condition, Safety improvements
103	I-70 Pavement Surfacing: Leocompton Interchange to Leavenworth County Line	Preservation	Yes	Pavement Condition, Safety improvements
104	Church Street Community Connectivity and Multi modal Enhancement Project	Modernization	No	Improves multi modal facilities, pavement condition, safety improvements
106	Wakarusa Drive Extension	Expansion	No	Emergency response times, Improves multi modal facilities
107	Rte. 458/1055 Improvements: E 1500 thru E 1600	Modernization	No	Pavement Condition, Safety improvements
117	Naismith Drive Reconstruction: 19th St. to 23rd St.	Preservation	Yes	Improves multi modal facilities, pavement condition, safety improvements
142	US-40/ K-10 Interchange Improvement (Diverging Diamond Interchange)	Modernization	Yes	Improves multi modal facilities, safety improvements
143	US-56 Reconstruction: US-56/US-59 Junction east to 1600 Rd.	Preservation	No	Pavement Condition, Safety improvements
146	11th St.: Indiana to Ohio; Louisiana: 11th to 12th Reconstruction	Preservation	Yes	Improves multi modal facilities, pavement condition, safety improvements
147	K-33 Douglas County Reconstruction (Franklin County Line to US-56)	Preservation	No	Pavement Condition, Safety improvements
148	Bob Billings Pkwy.: Kasold Dr. to Wakarusa Dr.	Preservation	No	Pavement Condition
149	Wakarusa Dr. Reconstruction: Harvard Rd. to 6th St.	Preservation	No	Pavement Condition
214	Wakarusa Drive Reconstruction: Research Pkwy. to Clinton Pkwy.	Preservation	No	Improves multi modal facilities, pavement condition, safety improvements
230	Queens Road, W 6th St to North City Limits	Modernization	No	Improves multi modal facilities, pavement condition, safety improvements
234	23rd Street Reconstruction, Haskell Ave. to East City Limits	Preservation	Yes	Improves multi modal facilities, pavement condition, safety improvements
236	SLT/K-10 West Leg I-70/K10 Junction South to 3500 ft. N of K-10/US-40 Junction	Expansion	No	Capacity expansion, system performance, safety improvements
237	SLT/K-10 West Leg 3500 ft. N of K-10/US-40 Junction, to K-10 US-59/Iowa St Junction	Expansion	Yes	performance, improves multi modal facilities, safety improvements
243	US-56 Improvements: Eisenhower St. to 1st St.	Preservation	No	Pavement Condition, Safety improvements
248	Bridge 0964-1000 Replacement	Preservation	No	Safety, bridge condition
250	Bridge 1900-1608 Replacement	Preservation	No	Safety, bridge condition
251	Bridge 0565-0550 Replacement	Preservation	No	Safety, bridge condition
252	Bridge 2058-1500 Replacement	Preservation	No	Safety, bridge condition
253	Bridge 1800-1124 Replacement	Preservation	No	Safety, bridge condition
254	Bridge 1000-1332 Replacement	Preservation	No	Safety, bridge condition
255	Bridge 1326-0250 Replacement	Preservation	No	Safety, bridge condition
256	Bridge 1400-2342 Replacement	Preservation	No	Safety, bridge condition
257	Bridge 1600-0211 Replacement	Preservation	No	Safety, bridge condition
258	Bridge 0306-1000 Replacement	Preservation	No	Safety, bridge condition
300	6th and Massachusetts St. Traffic Signal Improvement Project	Modernization	Yes	Safety, multi modal improvement, system performance
500	Maple Leaf Trail	Pedestrian/Bicycl e	No	Improves multi modal facilities, safety improvements
501	Church St Shared Use Path	Pedestrian/Bicycl e	No	Improves multi modal facilities, safety improvements
515	Leocompton Seivalk Loop Project: Historic Loop and Grand Loop Connectivity	Pedestrian/Bicycl e	No	Improves multi modal facilities, safety improvements
516	Lawrence Loop Shared Use Path: Michigan St. to Sandra Shaw Park	Pedestrian/Bicycl e	Yes	Improves multi modal facilities, safety improvements
520	Lawrence Loop: Iowa Crossing	Pedestrian/Bicycl e	Yes	Construct a grade-separated crossing for the Lawrence Loop Trail at Iowa Street.
522	Lawrence Loop: Queens Rd. to Kasold Dr.	Pedestrian/Bicycl e	No	Improves multi modal facilities,
607	Massachusetts Street: 14th to 23rd Street Multi modal Improvements	Pedestrian/Bicycl e	Yes	Improves multi modal facilities, safety improvements

Proposed Transportation 2050 Amendment 1

Table 7.2 Projects Addressing MPO Safety Targets

Projects that Improve Safety		
#	Project	Improvement
100	6th St.: Iowa St. to Massachusetts St.	Shared-use path on north side of 6th Street to be included from Iowa St. to Wisconsin St.
101	Iowa St. Reconstruction: Irving Hill Rd. to 23rd St.	Includes sidewalk
104	Church Street Community Connectivity & Multimodal Enhancements	Shared-use path, roundabout, center turn lane
106	Wakarusa Drive Extension	Remove arterial traffic from recreational areas, reduce fire and medical response time, and decrease vehicle use
107	Rte. 458/1055 Improvements: E 1500 thru E 1600	Provide paved shoulders, flatten roadside slopes
117	Naismith Dr. Reconstruction: 19th St. to 23rd St.	Add bike facilities
142	US-40/K-10 Interchange Improvement (Diverging Diamond Interchange)	Geometric improvements
143	US-56 Reconstruction: US-56/US-59 Junction east to 1600 Rd.	Widen shoulders and acceleration/deceleration lanes
146	11th St.: Indiana to Ohio; Louisiana: 11th St. to 12th St. Reconstruction	Reconstruction of pavement, sidewalks and bike improvements
147	K-33: Wellsville to U.S. 56 (N. 200th Road) junction	Widen shoulders
148	Bob Billings Pkwy.: Kasold Dr. to Wakarusa Dr.	Separated ped/bike facility
149	Wakarusa Dr. Reconstruction: Harvard Rd. to 6th St.	Separated ped/bike facility and geometric improvements
214	Wakarusa Dr. Reconstruction: Research Pkwy. to 23rd	Separated ped/bike facility, two way left turn lanes
230	Queens Road: 6th to North City Limits	Geometric improvements to meet collector Street Standards, sidewalks, and bike facilities
234	23rd Street Reconstruction: Haskell to east City Limits	Separated ped/bike facility, turn lanes, and access management
236	SLT/K-10 West Leg in Douglas County	Additional through lanes, a new grade separated interchange and reconstructed interchanges, and a reduction of traffic conflicts and decision making points
237	SLT/K-10 West Leg in Douglas County	Additional through lanes, a new grade separated interchange and reconstructed interchanges, and a reduction of traffic conflicts and decision making points
243	US-56 Improvements: Eisenhower St. to 1st St.	Geometric Improvements
248	Bridge 0964-1000 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
250	Bridge 1900-1608 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
251	Bridge 0565-0550 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
252	Bridge 2058-1500 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
253	Bridge 1800-1124 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
254	Bridge 1000-1332 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
254	Bridge 1326-0250 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
256	Bridge 1400-2342 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
257	Bridge 1600-0211 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
258	Bridge 0306-1000 Replacement	Modernize bridge: width, improve roadside slopes, improve guardrails
300	6th and Massachusetts St. Traffic Signal Improvement Project	Pedestrian activation buttons and vehicle detection
500	Baldwin City: Maple Leaf Trail	Separated ped/bike facility
501	Eudora: Church Street Shared Use Path	Construct shared use path over K-10
507	Various Lawrence Bike/Sidewalk/ADA Ramps Projects Lecompton Sidewalk Loop Project: Historic Loop &	Provide dedicated space for pedestrians and bicyclists
515	Grand Loop Connectivity Lawrence Loop Shared Use Path: Michigan St. to Sandra	Sidewalk
516	Shaw Park	Separated ped/bike facility
520	Lawrence Loop: Iowa Crossing	Grade separated Shared Use Path crossing
522	Lawrence Loop: Queens Rd. to Kasold Dr.	Separated ped/bike facility
607	Massachusetts Street: 14th to 23rd Street Multi-Modal Improvements	Ped/bike facility

Table 7.3 Projects Addressing T2050 Goals

#	Project	Transportation Options	Shared Prosperity	Safety, & Security	Sustainability	Operations & Maintenance
		People have a variety of transportation options that provide safe, accessible, convenient, healthy, and affordable travel that connect them to their destinations.	The transportation system supports prosperity for all by connecting people and places in an equitable, reliable, affordable, and efficient manner.	People's lives are saved, crashes are avoided, and people and goods are safe and secure.	Protect and enhance the natural environment and support energy conservation.	Existing infrastructure is prioritized through maintenance, operations, and strategic improvements to provide for the
100	6th St.: Iowa St. to Massachusetts St.	X	X	X	X	X
101	Iowa St. Reconstruction: Irving Hill Rd. to 23rd St.	X	X	X	X	X
102	Interchange			X		X
103	I-70 Pavement Surfacing: Leocompton Interchange to Leavenworth County Line			X		X
104	Church Street Community Connectivity and Multimodal Enhancement Project	X	X	X	X	
106	Wakarusa Drive Extension	X	X	X		
107	Rte. 458/1055 Improvements: E 1500 thru E 1600	X		X		
117	Naismith Drive Reconstruction: 19th St. to 23rd St.	X	X	X		X
142	US-40/K-10 Interchange Improvement (Diverging Diamond Interchange)	X	X	X		X
143	Rd.			X	X	X
146	Reconstruction	X	X	X		X
147	to US-56)			X		X
148	Bob Billings Pkwy.: Kasold Dr. to Wakarusa Dr.	X	X			X
149	Wakarusa Dr. Reconstruction: Harvard Rd. to 6th St.	X	X			X
214	Pkwy.	X	X	X		X
230	Queens Road, W. 6th St to North City Limits	X	X	X		
234	Limits	X	X	X	X	X
236	SLT/K-10 West Leg I-70/K10 Junction South to 3500 ft. N of K-10/US-40 Junction	X	X	X		
237	SLT/K-10 West Leg 3500 ft. N of K-10/US-40 Junction, to K-10 US-59/Iowa St Junction	X	X	X		
243	US-56 Improvements: Eisenhower St. to 1st St.	X		X		X
248	Bridge 0964-1000 Replacement			X		X
250	Bridge 1900-1608 Replacement			X		X
251	Bridge 0565-0550 Replacement			X		X
252	Bridge 2058-1500 Replacement			X		X
253	Bridge 1800-1124 Replacement			X		X
254	Bridge 1000-1332 Replacement			X		X
255	Bridge 1326-0250 Replacement			X		X
256	Bridge 1400-2342 Replacement			X		X
257	Bridge 1600-0211 Replacement			X		X
258	Bridge 0306-1000 Replacement			X		X
300	Project	X	X	X		X
500	Maple Leaf Trail	X	X	X	X	X
501	Church St Shared Use Path	X	X	X	X	
507	Various Lawrence Bike/Sidewalk/ADA Ramps Projects	X	X	X	X	X
515	Leocompton Sidewalk Loop Project: Historic Loop and Grand Loop Connectivity	X	X	X	X	
516	Shaw Park	X	X	X	X	
520	Lawrence Loop: Iowa Crossing	X	X	X	X	
522	Lawrence Loop: Queens Rd. to Kasold Dr.	X	X	X	X	
607	Improvements	X	X	X	X	X