

Annual Culvert Replacement and Repairs

Project Number: CULVREP
 Construction Year: ANNUAL
 Total Cost:

Description: CIP funds for multiple culvert replacement projects. County crews replace 4 to 6 culverts per year, using precast concrete sections. In some cases, three-sided structures are used to restore aquatic habitat. There are 1,100 culverts in our inventory. This annual replacement plan allows us to replace damaged structures and improve road safety.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$722,884	\$698,334	\$142,403	\$80,403	\$29,903	\$80,903	\$55,903	\$80,903
CIP budget allocations	\$430,000	\$0	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000
Engineering		(\$5,100)	(\$5,000)	(\$5,000)	(\$5,000)	(\$5,000)	(\$5,000)	(\$5,000)
Right-of-way	(\$2,300)	(\$7,900)	(\$7,000)	(\$10,500)	(\$14,000)	(\$10,000)	(\$10,000)	(\$10,000)
Utility Reloc		(\$9,870)	(\$30,000)	(\$10,000)	(\$15,000)	(\$10,000)	(\$10,000)	(\$10,000)
Construction	(\$80,970)	(\$185,179)	(\$320,000)	(\$275,000)	(\$215,000)	(\$250,000)	(\$200,000)	(\$200,000)
Dust Control		(\$9,635)						
Deposit USFWS			\$50,000		\$50,000			
EOY reallocate CIP funds	(\$371,281)	(\$338,247)						
Project Balance	\$698,334	\$142,403	\$80,403	\$29,903	\$80,903	\$55,903	\$80,903	\$105,903

Culvert 1138-2200 replaced 2019



Culvert 1991-0100 replaced 2017



Annual Rock Road Stabilization

Project Number: RKROADSTAB
 Construction Year: ANNUAL
 Total Cost:

Description: CIP funds available annually for rock road stabilization on county routes. This work is completed by county crews.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$50,000	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$0	\$50,000	\$0	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000
Right-of-way								
Construction	(\$3,943)	\$0	(\$50,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)	(\$75,000)
Deposit partner funds								
EOY reallocate CIP funds	(\$46,058)							
Project Balance	\$0	\$50,000	\$0	\$0	\$0	\$0	\$0	\$0

Rock road base stabilization and compaction



Bridge Deck Patch and Overlay Projects

Project Number: DECKOVR
 Construction Year: ANNUAL
 Total Cost:

Description: Projects to repair and protect existing concrete bridge decks. Existing concrete is patched as needed and surfaced with a polymer epoxy overlay. Locations are prioritized based on biennial bridge inspections.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$175,000			\$200,000		\$250,000		\$250,000
Engineering								
Construction		(\$166,531)		(\$200,000)		(\$250,000)		(\$250,000)
EOY reallocate CIP funds		(\$8,469)						
Project Balance	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Concrete deck repairs



Overlay Route 1029 Kansas River Bridge completed 2017



Bridge Painting Projects

Project Number: BRPAINT
 Construction Year: ANNUAL
 Total Cost:

Description: Repainting of steel bridge structures to extend service life. Locations are prioritized based on biennial bridge inspections.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$165,000	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$165,000					\$200,000		
Engineering		\$0				(\$20,000)		
Construction		(\$125,800)				(\$180,000)		
EOY reallocate CIP funds		(\$39,200)						
Project Balance	\$165,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0



Culvert 1500-1624 and 1540-1622 Replacement

Project Number: 2015-61
 Construction Year: 2017
 Total Cost: \$702,102

Description: Safety improvements to address narrow culverts and steep roadside slopes. This contracted project replaced the existing narrow culvert on N1500 RD (2,650 vehicles/day) and the damaged culvert on N1550 RD, and reconstructed the open channel paralleling E1625 RD. The work was completed in November 2017. Additional seeding and final payment will be completed in 2018.

Project Costs and Funding

LinItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations								
Engineering								
Right-of-way								
Construction	(\$73,066)							
EOY reallocate CIP funds	(\$16,934)							
Project Balance	\$0							

Existing narrow culvert on N 1500 RD (E 15th St)



Replacement completed 2017



Rte 458 Improvements, E800 thru E1000

Project Number: 2015-05
 Construction Year: 2017
 Total Cost: \$6,099,876

Description: Safety improvements on Route 458, 4.5 miles in length, from Route 1 to the lower dam road (2,150 vehicles/day). The project added paved shoulders, flattened roadside slopes, replaced narrow culverts, and realigned three existing curves. Construction was completed in Summer 2018.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$2,700,000	\$9,000	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations								
Engineering	(\$16,351)							
Right-of-way								
Utility Reloc								
Construction	(\$2,389,639)	(\$28,764)						
Dust Control								
Deposit KDOT FFE								
Deposit USFWS								
EOY reallocate CIP funds	(\$285,010)	\$19,764						
Project Balance	\$9,000	\$0						



Bridge 1215-1750 Replacement

Project Number: 2014-66
 Construction Year: 2018
 Total Cost: \$428,176

Description: Replacement of the bridge carrying E1750 RD over a tributary to the Wakarusa River (170 vehicles/day). The existing steel girder bridge was built in 1958.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$420,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$37,000							
Engineering	(\$3,200)							
Right-of-way	(\$1,900)							
Construction	(\$415,078)	(\$6,423)						
EOY reallocate CIP funds	(\$36,822)	\$6,423						
Project Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Bridge built in 1958



Bridge built in 2019



Lone Star Community Bldg Dock and Pier Replacement

Project Number: 2018-18
 Construction Year: 2018
 Total Cost: \$82,486

Description: The existing concrete dock was constructed over 50 years ago. The structure is located below the Community Building, providing access to two floating piers. The dock was demolished and rebuilt in 2018.

Project Costs and Funding

LinItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$90,004	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations								
Engineering	(\$4,424)							
Construction	(\$68,066)							
EOY reallocate CIP funds	(\$17,514)							
Project Balance	\$0							

Existing structure



Reconstruction in 2018



Rte 458 Improvements, E1800 to E2000 [HRRR]

Project Number: 2015-17
 Construction Year: 2018
 Total Cost: \$967,983

Description: Douglas County received High Risk Rural Road (H-triple R) funding from KDOT to address roadside safety concerns on N1000 RD, from E1800 to E2000 (1,600 vehicles/day). KDOT will covered 90% of the construction cost to replace narrow culverts and remove roadside tree cover.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$950,000	\$55,000	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$32,000							
Engineering								
Right-of-way								
Utility Reloc	(\$344,740)							
Construction	(\$582,000)	(\$5,044)						
EOY reallocate CIP funds	(\$261)	(\$49,956)						
Project Balance	\$55,000	\$0						

Existing narrow culverts will be replaced to improve roadside safety



Culvert 0801-1150 Replacement

Project Number: 2018-54
 Construction Year: 2019
 Total Cost: \$204,672

Description: This project replaced the damaged culvert on E1150 RD, crossing a tributary to Washington Creek. County crews completed the demolition, channel work and road work. The structure was constructed by a contractor.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		(\$2,500)	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations		\$252,500						
Engineering	(\$2,500)							
Construction		(\$202,172)						
EOY reallocate CIP funds		(\$47,828)						
Project Balance	(\$2,500)	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Damaged culvert before replacement



Completed replacement



Lone Star Dam - Slope Modifications

Project Number: 2017-30
 Construction Year: 2019
 Total Cost: \$375,245

Description: Lone Star Dam was originally constructed in 1939. This project modified the downstream slope of the dam to reduce the slope and address recent surface slides.

Project Costs and Funding

Lin/Item	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$160,700	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$175,000							
Engineering	(\$2,759)							
Construction		(\$334,188)						
EOY reallocate CIP funds	(\$32,942)	\$34,188						
Project Balance	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0



Contingency Fund - Bridge and Culvert Projects

Project Number: BRPIPECONT
 Construction Year: ANNUAL
 Total Cost:

Description: Funds available to address emergency repairs or priorities. This fund covered additional repair costs on the Route 1055 bridge over the Wakarusa River (1186-1500) in 2016. Funds were used in 2017 to replace a failed approach slab joint on the bridge carrying E1200 RD over the Kansas Turnpike. This fund will cover unplanned repairs to culvert 1880-1120 in 2020.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$200,000	\$200,000	\$200,000	\$25,000	\$200,000	\$200,000	\$200,000	\$200,000
CIP budget allocations				\$175,000				\$0
Engineering			(\$15,000)					
Construction			(\$160,000)					\$0
Deposit partner funds								
EOY reallocate CIP funds								
Project Balance	\$200,000	\$200,000	\$25,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

High flow at bridge 1100-1330



Repair work on bridge 1186-1500



Contingency Fund - Pavement Maintenance

Project Number: RDPAVEMANT
 Construction Year: ANNUAL
 Total Cost:

Description: CIP funds allocated as a contingency for contracted pavement mill/overlay or chip/seal projects. These funds supplement road and bridge budget funds if necessary to offset increased material costs.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$325,000	\$125,000	\$597,629	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
CIP budget allocations	\$0	\$175,000	\$0	\$0	\$0	\$0	\$0	\$0
Engineering	(\$7,847)							
Construction	(\$212,578)	\$0	(\$397,629)	\$0	\$0	\$0	\$0	\$0
Deposit partner funds	\$5,068							
EOY reallocate CIP funds	\$15,356	\$297,629						
Project Balance	\$125,000	\$597,629	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000

Typical mill and overlay projects



Contingency Fund - Road Projects

Project Number: ROADCONT
 Construction Year: ANNUAL
 Total Cost:

Description: Funds available to respond to emergency repairs or unplanned priorities. Funds were used in 2017 to repair damaged pavement on route 438.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$300,000	\$300,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000	\$1,500,000
CIP budget allocations		\$1,300,000	\$0					\$0
Engineering								
Construction			\$0					\$0
Deposit partner funds								
EOY reallocate CIP funds		(\$100,000)						
Project Balance	\$300,000	\$1,500,000						

N 1000 RD flooded July 2017



Pavement damage Route 9



E 1750 Road Improvements, N 400 Baldwin City

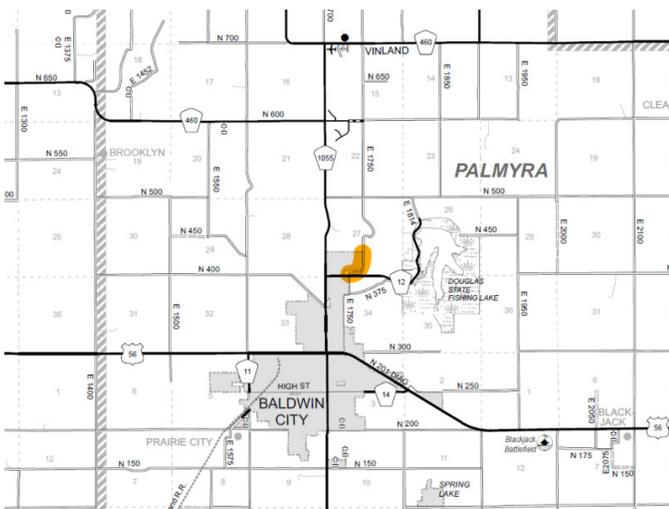
Project Number: 2019-12
 Construction Year: 2019
 Total Cost: \$435,000

Description: This project is a partnership with Douglas County, Baldwin City, Palmyra Township and local residents. Douglas County will design and bid the contract to improve E1750 RD from N400 RD, 0.3 miles north to the city limits.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$80,500	(\$26,008)	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$76,000	\$75,000						
Right-of-way		(\$830)						
Construction		(\$252,835)	(\$181,335)					
Deposit partner funds		\$72,157	\$207,343					
EOY reallocate CIP funds	\$4,500							
Project Balance	\$80,500	(\$26,008)	\$0	\$0	\$0	\$0	\$0	\$0

Project location



Bridge 1180-1400 Repairs

Project Number: 2019-31
 Construction Year: 2020
 Total Cost: \$347,000

Description: Repairs to the bridge carrying E1400 RD (former Louisiana Street alignment) over the Wakarusa River (2,150 vehicles/day). The existing 279' long, steel girder bridge was built in 1976.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$300,000	\$0	\$0	\$0	\$0	\$0
CIP budget allocations		\$300,000	\$47,000					
Engineering			(\$25,000)					
Construction			(\$322,000)					
Project Balance	\$0	\$300,000	\$0	\$0	\$0	\$0	\$0	\$0

Existing span



Existing steel bearing



Rte 1055 Improvements, E1650 to E1700, Bridges 0700-1665 and 0714-1650

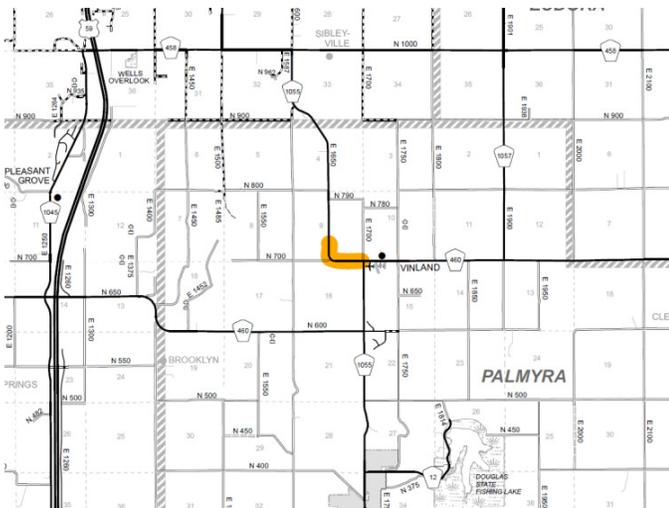
Project Number: 2016-18
 Construction Year: 2020
 Total Cost: \$2,005,193

Description: Safety improvements on Route 1055, 0.7 miles in length, west of Vinland (2,150 vehicles/day). The project will add paved shoulders within existing curves and replace culverts. Two existing bridges will be replaced (0700-1665 and 0714-1650). The existing pavement will be patched and surfaced with asphalt.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$1,400,000	\$1,750,000	\$1,853,050	\$0	\$0	\$0	\$0	\$0
CIP budget allocations								
Engineering		(\$9,143)						
Right-of-way			(\$20,050)					
Utility Reloc			(\$135,000)					
Construction			(\$1,815,000)					
Dust Control			(\$25,000)					
Deposit USFWS			\$142,000					
EOY reallocate CIP funds	\$350,000	\$112,193						
Project Balance	\$1,750,000	\$1,853,050	\$0	\$0	\$0	\$0	\$0	\$0

Project location



Existing bridge 0700-1665



Rte 1055 Improvements, N1000 to N1180

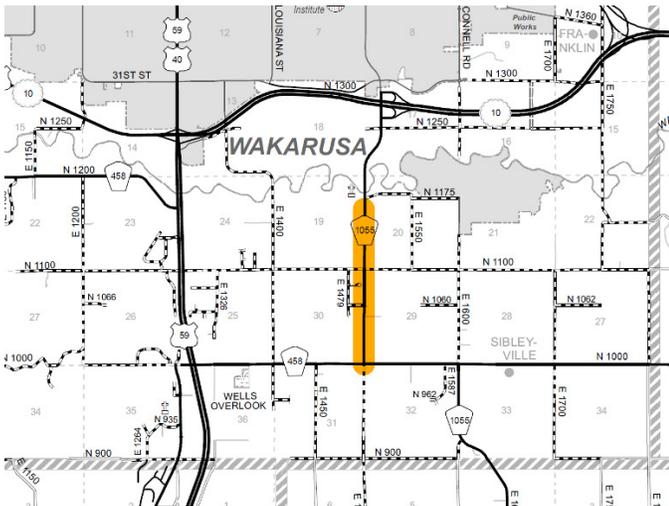
Project Number: 2014-21
 Construction Year: 2020
 Total Cost: \$2,701,189

Description: Safety improvements on Route 1055, 1.8 miles in length, from Route 458 to N1175 RD (2,700 vehicles/day). The project will add paved shoulders, flatten roadside slopes and replace narrow culverts. The existing pavement will be patched and surfaced with asphalt.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$1,950,000	\$2,250,000	\$2,262,000	\$0	\$0	\$0	\$0	\$0
CIP budget allocations	\$300,000		\$400,000					
Right-of-way		(\$39,189)	(\$30,000)					
Utility Reloc			(\$200,000)					
Construction			(\$2,432,000)					
EOY reallocate CIP funds		\$51,189						
Project Balance	\$2,250,000	\$2,262,000	\$0	\$0	\$0	\$0	\$0	\$0

Project location



Existing roadway



Wells Overlook ADA Viewing Platform

Project Number: 2018-20
 Construction Year: 2020
 Total Cost: \$110,000

Description: Douglas County has been awarded a National Park Service grant to cost share on improvements to the park. The first phase will create a new viewing platform with ADA access. The second phase will add an accessible picnic shelter. KU Dirt Works has completed a design for the new viewing platform, and will partner with Public Works crews during construction.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$45,210	(\$4,790)	\$0	\$0	\$0	\$0
CIP budget allocations		\$40,000		\$20,000				
Construction			(\$50,000)	(\$60,000)				
Deposit partner funds				\$44,790				
EOY reallocate CIP funds		\$5,210						
Project Balance	\$0	\$45,210	(\$4,790)	\$0	\$0	\$0	\$0	\$0

KU Dirt Works rendering of the proposed viewing platform



Proposed viewing area location



Bridge 0532-0300 Replacement

Project Number: 2018-31
 Construction Year: 2021
 Total Cost: \$514,928

Description: Replacement of the bridge carrying E300 RD over St. Francis Tributary (60 vehicles/day). The existing steel girder bridge was built in 1932.

Project Costs and Funding

Lineitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$300,000	\$450,000	\$460,000	\$450,000	\$0	\$0	\$0	\$0
CIP budget allocations	\$150,000	\$70,000						
Engineering		(\$54,928)						
Right-of-way			(\$10,000)					
Utility Reloc		\$0						
Construction				(\$450,000)				
EOY reallocate CIP funds		(\$5,072)						
Project Balance	\$450,000	\$460,000	\$450,000	\$0	\$0	\$0	\$0	\$0

Existing span



Existing roadway



Culvert 0900-1043 Replacement

Project Number: 2017-53
 Construction Year: 2021
 Total Cost: \$612,643

Description: This contracted project will replace the narrow, damaged culvert on N900 RD (150 vehicles/day). The structure carries a mapped floodway and may require a bridge-size replacement. County crews completed work in 2017 to protect the existing structure from channel scour.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$255,750	\$375,750	\$390,000	\$530,000	\$0	\$0	\$0	\$0
CIP budget allocations	\$120,000		\$200,000					
Engineering		(\$18,393)	(\$35,000)					
Right-of-way			(\$10,000)					
Utility Reloc			(\$15,000)					
Construction				(\$530,000)				
EOY reallocate CIP funds		\$32,643						
Project Balance	\$375,750	\$390,000	\$530,000	\$0	\$0	\$0	\$0	\$0

Existing narrow culvert



Inspection December 2016



Culvert 0990-1000 Replacement

Project Number: 2019-56
 Construction Year: 2021
 Total Cost: \$348,325

Description: This contracted project will replace the narrow culvert on E1000 RD, adjacent to Washington Creek (230 vehicles/day).

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$255,000	\$230,000	\$0	\$0	\$0	\$0
CIP budget allocations		\$200,000		\$90,000				
Engineering		(\$3,325)						
Right-of-way			(\$10,000)					
Utility Reloc			(\$15,000)					
Construction				(\$320,000)				
EOY reallocate CIP funds		\$58,325						
Project Balance	\$0	\$255,000	\$230,000	\$0	\$0	\$0	\$0	\$0

Existing roadway flooded July 2017



Existing culvert



Bridge 0964-1000 Replacement

Project Number: 2020-31
 Construction Year: 2021
 Total Cost: \$1,800,000

Description: Replacement of the bridge carrying E1000 RD over Washington Creek (230 vehicles/day). The existing steel girder bridge was built in 1961, and is one of three fracture critical bridges in the county.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$754,000	\$1,254,000	\$1,650,000	\$1,690,000	\$0	\$0	\$0	\$0
CIP budget allocations	\$500,000	\$396,000	\$150,000					
Engineering			(\$110,000)					
Right-of-way				(\$15,000)				
Utility Reloc				(\$75,000)				
Construction				(\$1,600,000)				
EOY reallocate CIP funds								
Project Balance	\$1,254,000	\$1,650,000	\$1,690,000	\$0	\$0	\$0	\$0	\$0

High flow in Washington Creek July 2017



Existing steel girders



Bridge 0900-1088 Replacement

Project Number: 2021-31
 Construction Year: 2022
 Total Cost: \$390,000

Description: Replacement of the bridge carrying N900 RD over a tributary to Washington Creek (150 vehicles/day). The existing concrete bridge was built in 1935.

Project Costs and Funding

Lineitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$0	\$0	\$110,000	\$0	\$0	\$0
CIP budget allocations				\$150,000	\$240,000			
Engineering				(\$40,000)				
Right-of-way					(\$10,000)			
Utility Reloc					(\$10,000)			
Construction					(\$330,000)			
Project Balance	\$0	\$0	\$0	\$110,000	\$0	\$0	\$0	\$0

Existing span



Existing roadway



E 1050 RD Extension, N1200 to Hwy K-10, Wakarusa River Bridge

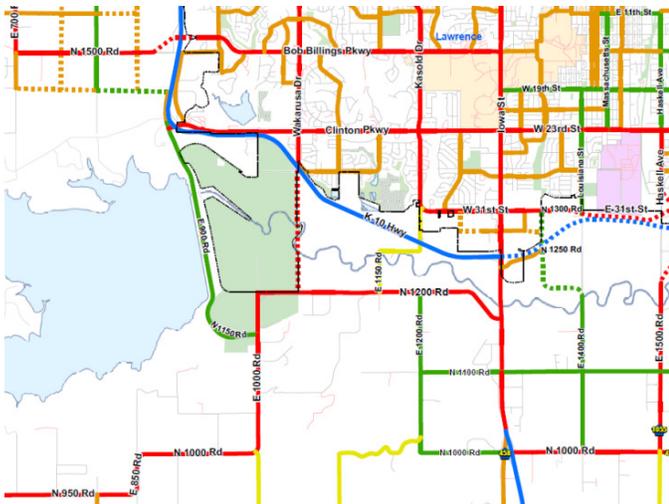
Project Number: 2018-11
 Construction Year: 2022
 Total Cost: \$6,200,000

Description: This project will coordinate with future changes to Hwy K-10, providing a critical connection from Route 458 to Wakarusa Drive. This will be a partnership with the City of Lawrence and KDOT. Douglas County will construct E1050 RD and a new bridge over the Wakarusa River. The future Wakarusa Drive / K-10 overpass will eliminate the stop light on K-10 at 27th Street. The county costs reported below assume bridge construction will proceed one year prior to road construction.

Project Costs and Funding

LinItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$1,130,000	\$2,208,402	\$3,251,209	\$3,900,000	\$4,655,000	\$2,070,000	\$0	\$0
CIP budget allocations	\$740,000	\$866,304	\$230,000	\$530,000	\$540,000	\$430,000		
Engineering				(\$175,000)	(\$75,000)			
Right-of-way					(\$150,000)			
Utility Reloc					(\$100,000)			
Construction					(\$3,200,000)	(\$2,500,000)		
Deposit KDOT FFE	\$201,437	\$255,294	\$418,791	\$400,000	\$400,000			
EOY reallocate CIP funds	\$136,965	(\$78,791)						
Project Balance	\$2,208,402	\$3,251,209	\$3,900,000	\$4,655,000	\$2,070,000	\$0	\$0	\$0

T2040 Major Routes Lawrence-Douglas County MPO



Intersection of K-10 / Wakarusa Drive / W 27th Street



Rte 458/1055 Improvements, E1500 thru E1600

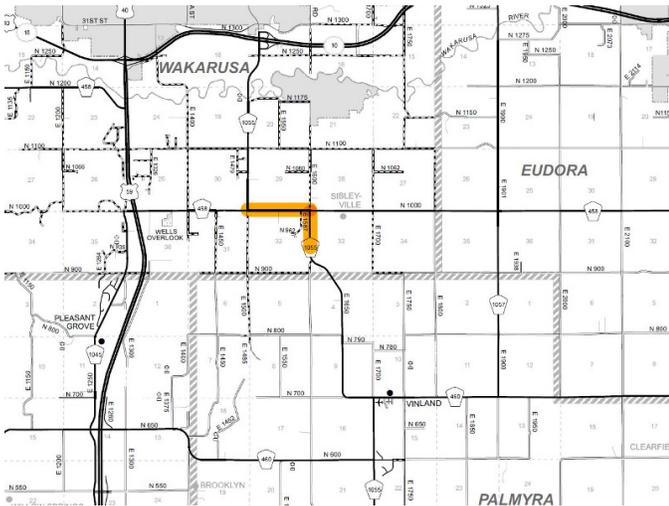
Project Number: 2016-17
 Construction Year: 2022
 Total Cost: \$2,675,000

Description: Safety improvements on Rte 458 and Rte 1055, from E1500 RD to a point one mile east and 0.6 miles south (3,390 vehicles/day). The project will add paved shoulders, flatten roadside slopes and replace existing culverts. The design may evaluate intersection improvements at E1500 RD and E1600 RD. The existing pavement will be patched and surfaced with asphalt.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$1,715,000	\$2,515,000	\$2,675,000	\$2,550,000	\$2,300,000	\$0	\$0	\$0
CIP budget allocations	\$500,000	\$160,000						
Right-of-way			(\$125,000)					
Utility Reloc				(\$250,000)				
Construction					(\$2,300,000)			
EOY reallocate CIP funds	\$300,000							
Project Balance	\$2,515,000	\$2,675,000	\$2,550,000	\$2,300,000	\$0	\$0	\$0	\$0

Project location



Existing shoulder condition



Rte 1061 / Rte 460 Intersection Improvements

Project Number: 2019-11
 Construction Year: 2023
 Total Cost: \$2,000,000

Description: Safety improvements on Route 1061 intersecting Route 460 (2,300 vehicles/day). This project will reconstruct the roadway to address limited sight distance. This will require significant grading or alignment changes to revise road elevations.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$50,000	\$100,000	\$500,000	\$1,100,000	\$0	\$0
CIP budget allocations			\$50,000	\$500,000	\$700,000	\$700,000		
Engineering				(\$100,000)				
Right-of-way					(\$50,000)			
Utility Reloc					(\$50,000)			
Construction						(\$1,800,000)		
EOY reallocate CIP funds		\$50,000						
Project Balance	\$0	\$50,000	\$100,000	\$500,000	\$1,100,000	\$0	\$0	\$0

Existing intersection



Bridge 0600-0172 Replacement

Project Number: 2021-32
 Construction Year: 2024
 Total Cost: \$870,000

Description: Replacement of the bridge carrying Route 460 (N600 RD) over Saint Francis Tributary to Rock Creek (50 vehicles/day). The existing concrete bridge was built in 1936.

Project Costs and Funding

Lineitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$0	\$0	\$0	\$0	\$0	\$100,000	\$10,000	\$0
CIP budget allocations				\$0	\$100,000		\$770,000	
Engineering						(\$80,000)		
Right-of-way						(\$10,000)		
Utility Reloc							(\$30,000)	
Construction							(\$750,000)	
EOY reallocate CIP funds								
Project Balance	\$0	\$0	\$0	\$0	\$100,000	\$10,000	\$0	\$0

Existing roadway



Existing abutment



Rte 1055 (E1650 RD) Improvements

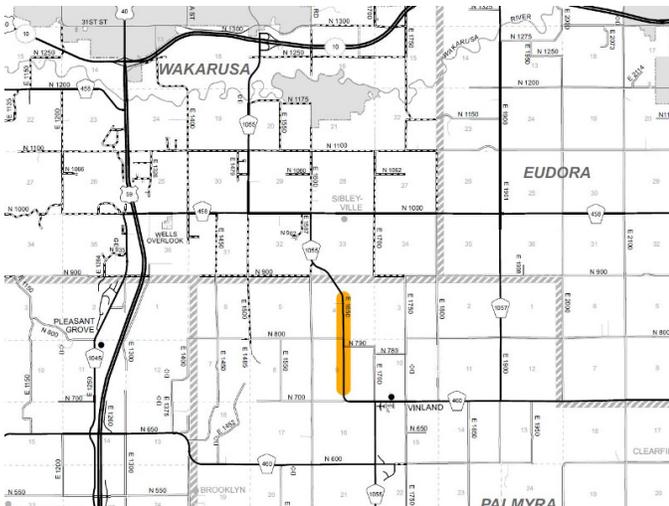
Project Number: 2022-15
 Construction Year: 2024
 Total Cost: \$3,040,000

Description: Safety improvements on Route 1055, from N700 RD to a point 1.9 miles north (2,490 vehicles/day). The project will replace six existing culverts. The design will evaluate realignment of the curve at 870 north and possible paved shoulders in some areas. The existing pavement will be patched and surfaced with asphalt. This project will complete the multi-year plan to improve Route 1055 from Baldwin City to Lawrence.

Project Costs and Funding

LinItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward	\$0	\$0	\$0	\$328,000	\$938,000	\$1,633,000	\$2,063,000	\$0
CIP budget allocations			\$328,000	\$610,000	\$695,000	\$695,000	\$712,000	
Engineering						(\$100,000)		
Right-of-way						(\$165,000)		
Utility Reloc							(\$250,000)	
Construction							(\$2,500,000)	
Dust Control							(\$25,000)	
EOY reallocate CIP funds								
Project Balance	\$0	\$0	\$328,000	\$938,000	\$1,633,000	\$2,063,000	\$0	\$0

Project location



Existing narrow culvert



Bridge 1400-2342 Replacement

Project Number: 2023-31
 Construction Year: 2025
 Total Cost: \$610,000

Description: Replacement of the bridge carrying Route 442 (N1400 RD) over a tributary to Captain Creek (420 vehicles/day). The existing concrete bridge was built by the state in 1931, as part of the original K-10 highway project.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$0	\$0	\$0	\$0	\$0	\$65,000
CIP budget allocations							\$175,000	\$435,000
Engineering							(\$50,000)	
Right-of-way							(\$10,000)	
Utility Reloc							(\$50,000)	
Construction								(\$500,000)
Project Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$65,000	\$0

Existing span



Bridge 1600-0211 Replacement

Project Number: 2025-32
 Construction Year: 2026
 Total Cost: \$1,490,000

Description: Replacement of the bridge carrying Route 442 (N1600 RD) over a tributary to Deer Creek. The existing bridge was built in 1964.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$0	\$0	\$0	\$0	\$0	\$0
CIP budget allocations								\$445,000
Engineering								(\$140,000)
Right-of-way								
Utility Reloc								
Construction								
Project Balance	\$0	\$305,000						



Rte 1061 Improvements, N400 to N600

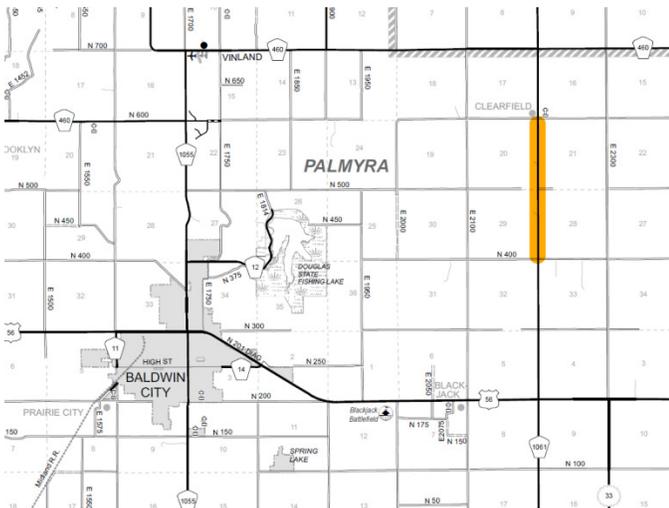
Project Number: 2023-11
 Construction Year: 2026
 Total Cost: \$3,790,000

Description: Safety improvements on Route 1061, 2.0 miles in length (2,100 vehicles/day). The project will add paved shoulders, flatten roadside slopes, replace twelve culverts, and make repairs to bridge 0510-2200. The design will evaluate sight distance and possible vertical alignment improvements. The existing pavement will be patched and surfaced with asphalt.

Project Costs and Funding

Linitem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$0	\$0	\$0	\$0	\$400,000	\$1,365,000
CIP budget allocations					\$0	\$0	\$565,000	\$650,000
Engineering								(\$40,000)
Right-of-way								
Utility Reloc								
Construction								
Deposit KDOT FFE						\$400,000	\$400,000	\$400,000
Project Balance	\$0	\$0	\$0	\$0	\$0	\$400,000	\$1,365,000	\$2,375,000

Project location



Existing bridge 0510-2200



Bridge 1455-2170 Replacement, Rte 1061 / Wakarusa River at Eudora

Project Number: 2026-31
 Construction Year: 2029
 Total Cost: \$5,150,000

Description: Replacement of the bridge carrying Route 1061 (Main Street) over the Wakarusa River (2,400 vehicles/day). The existing 264' long, steel girder bridge was built in 1956. This bridge is classified Functionally Obsolete.

Project Costs and Funding

LineItem	2018	2019	2020	2021	2022	2023	2024	2025
Balance forward		\$0	\$0	\$0	\$0	\$0	\$0	\$53,000
CIP budget allocations						\$0	\$53,000	\$215,000
Engineering								
Right-of-way								
Utility Reloc								
Construction								
Project Balance	\$0	\$0	\$0	\$0	\$0	\$0	\$53,000	\$268,000

Existing span



Existing roadway

