

## 10-Year Major Bridge Needs

### Summary of Major Bridge Costs--Inflated

District	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	Totals
NW	7.3	0.0	5.1	0.0	2.5	61.5	0.0	0.0	16.1	0.0	92.5
NE	0.0	0.0	3.9	0.0	0.0	0.0	13.9	0.0	67.2	0.0	85.1
KCR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.1	0.0	7.1
KCU	106.1	6.0	0.0	0.0	35.8	12.9	7.6	78.3	0.0	70.6	317.3
CD	19.1	8.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.4
SL	4.2	44.8	41.6	10.6	130.1	56.1	20.0	36.1	51.3	141.8	536.5
SWR	6.9	2.1	42.8	0.0	0.0	0.7	0.0	2.9	0.0	0.0	55.4
SWU	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SE	7.1	0.0	0.0	2.3	0.0	10.6	50.7	7.8	0.0	0.0	78.5
<b>Totals</b>	<b>150.7</b>	<b>61.0</b>	<b>93.7</b>	<b>12.9</b>	<b>168.4</b>	<b>141.8</b>	<b>92.2</b>	<b>125.1</b>	<b>141.7</b>	<b>212.4</b>	<b>1199.9</b>

### Major Bridge Information by District

#### Northwest District Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Repair	Rte 190 bridge over Thompson River in Livingston County (A1376)	2020	\$2.9	\$3.1
Repair	Rte 65 bridge over Grand River in Livingston County (A1249)	2020	\$3.9	\$4.2
		<b>2020 Total</b>		<b>\$7.3</b>
Repair	Rte 36 bridge over Missouri River in St. Joseph (A3664, A3665, A3666)	2022	4.5	\$5.1
		<b>2022 Total</b>		<b>\$5.1</b>
Repair	Rte. M bridge over Grand River in Carroll County (A2867)	2024	\$2.1	\$2.5
		<b>2024 Total</b>		<b>\$2.5</b>
Repair	I-229 double decker bridge in St. Joseph (A2225)	2025	\$50.0	\$61.5
		<b>2025 Total</b>		<b>\$61.49</b>

Repair	Rte. 36 E (L0319)	2028	\$12.0	\$16.1
		<b>2028 Total</b>		<b>\$16.13</b>

<b>Northwest</b>	<b>10-Year Total</b>	<b>\$92.47</b>
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### Northeast District Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Repair (Deck Sealing)	Rte 24 bridge over Mississippi River in Quincy Bayview (A4274)	2021	\$0.03	\$0.03
		<b>2021 Total</b>		<b>\$0.03</b>
Repair	Rte 79 bridge over city streets in Hannibal (A1044)	2022	\$3.50	\$3.90
		<b>2022 Total</b>		<b>\$3.90</b>
Repair	Rte 24 bridge over Mississippi River in Marion (A4274)	2026	\$11.00	\$13.90
		<b>2026 Total</b>		<b>\$13.90</b>
Replacement	Rte 24 bridge over Mississippi River in Quincy (L0099)	2028	\$50.00	\$67.20
		<b>2028 Total</b>		<b>\$67.20</b>

<b>Northeast</b>	<b>10 Year Total</b>	<b>\$64.53</b>	<b>\$85.10</b>
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### Kansas City-Rural Area Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Repair	Rte 24 bridge over the Missouri River in Waverly (A5910)	2028	\$5.30	\$7.10
		<b>2028 Total</b>		<b>\$7.10</b>

<b>Kansas City-Rural</b>	<b>10 Year Total</b>	<b>\$7.10</b>
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### Kansas City Urban Area Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Replacement	US 169 S over the Missouri River (Broadway / Buck O'Neil Bridge) (A4649)	2020	\$100	\$106.09
		<b>2020 Total</b>		<b>\$106.09</b>
Repair	I-35 (A1128)	2021	\$1.5	\$1.64
Repair	Rte 92 bridge over Missouri River in Leavenworth (K0941)	2021	\$4	\$4.37
		<b>2021 Total</b>		<b>\$6.01</b>
Repair	I-29 bridges over RR and local roads. (L0789 &L0788)	2024	\$30	\$35.82
		<b>2024 Total</b>		<b>\$35.82</b>
Repair	I-70 Lewis & Clark Viaduct (A5658)	2025	\$10.5	\$12.91
		<b>2025 Total</b>		<b>\$12.91</b>
Repair	MO 291 South (A4757)	2026	\$6	\$7.60
		<b>2026 Total</b>		<b>\$7.60</b>
Replacement	Rte 291 N bridge over Missouri River in Liberty (L0568)	2027	\$40	\$52.19
Replacement	Rte 24 bridge over city streets/railroad in Kansas City (K0394)	2027	\$20	\$26.10
		<b>2027 Total</b>		<b>\$78.29</b>
Repair	MO 9 Heart of America Bridge (A4060)	2029	\$11	\$15.23
Replacement	Rte 92 bridge over Missouri River in Leavenworth (K0941)	2029	\$40	\$55.37
		<b>2029 Total</b>		<b>\$70.60</b>
<b>Kansas City Urban 10-Year Total</b>			<b>\$263</b>	<b>\$317.3</b>

**Central District Major Bridge Assumptions:  
Updated February 2019**

Type of Work	Bridge	Year	Dollar Amt	Inflated
Rehab	I-70 bridge over Missouri River in Rocheport (L0962)	2020	\$18.00	\$19.10
		<b>2020 Total</b>		<b>\$19.10</b>

Repair	Bus. 54 bridge over Osage River at Bagnell Dam (L1003)	2021	\$1.20	\$1.30
Repair	US-54 over Lake of the Ozarks (J0832)	2021	\$0.90	\$1.00
Repair	US-54/63 over Missouri River in Jefferson City (A4497)	2021	\$2.00	\$2.20
Repair	US-40 over Missouri River at Boonville (A4574)	2021	\$1.40	\$1.60
Repair	US-54/63 over Missouri River in Jefferson City (L0550)	2021	\$1.80	\$2.00
		<b>2021 Total</b>		<b>\$8.00</b>
Repair	US-50 over Osage River at the Junction (A5552)	2022	\$0.30	\$0.30
		<b>2022 Total</b>		<b>\$0.30</b>

<b>Central District</b>	<b>10-Year Total</b>	<b>\$25.60</b>	<b>\$27.4</b>
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### St. Louis District Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Removal	I-64 bridge over railroads/ramp in St. Louis City (A1523)	2020	\$0.90	\$1.00
Repair	Rte 67 Bridge in St. Charles (A4278)	2020	\$0.30	\$0.30
Repair	MO 100 W over I-270 (A5682)	2020	\$1.10	\$1.10
Repair	I-170 and I-270 Interchange Ramps (A6370, A6371)	2020	\$0.70	\$0.80
Repair	MO 799 over Mississippi at MLK (A4856)	2020	\$0.10	\$0.10
Repair	I-70 E (A6500)	2020	\$0.80	\$0.90
		<b>2020 Total</b>		<b>\$4.20</b>
Repair	I-270 over Mississippi River at Chain of Rocks (A0890)	2021	\$0.04	\$0.04
Repair	I-70 E over Missouri River at Blanchette (A3292)	2021	\$36.90	\$40.30
Repair	I-55 and I-270 Interchange Ramps (A4881, A4882)	2021	\$4.10	\$4.50
		<b>2021 Total</b>		<b>\$44.80</b>
Repair	Rte 67 over Mississippi River in St. Charles (A4278)	2022	\$0.20	\$0.20
Repair	I-255 N over Mississippi River at JB (A1850)	2022	\$16.50	\$18.56
Repair	I-44 E over Meramec River/Blackwood Dr (L0611)	2022	\$3.80	\$4.30

Repair	I-44 W over Meramec River Redeck (A1796)	2022	\$3.60	\$4.10
Repair	I-255 S over Mississippi River at JB (A4936)	2022	\$11.00	\$12.40
Repair	Adelaide over city grid streets (A7165)	2022	\$0.90	\$1.00
Repair	I-64 and I-170 Interchange Ramps (A8013, A8014)	2022	\$0.90	\$1.00
		<b>2022 Total</b>		<b>\$41.60</b>
Repair	I-270 and I-64 Interchange (A4650, A4651, A4652, A4653)	2023	\$8.90	\$10.30
Repair	I-70 and I-270 Interchange Ramps (A3764, A3766)	2023	\$0.20	\$0.30
		<b>2023 Total</b>		<b>\$10.60</b>
Replace	I-270 over Mississippi River at Chain of Rocks (A0890)	2024	\$105.00	\$125.38
Repair	I-44 and I-270 Interchange ramps (A5411, A5412)	2024	\$3.90	\$4.70
		<b>2024 Total</b>		<b>\$130.10</b>
Repair	I-55 N & S over Meramec River (A0609)	2025	\$16.70	\$20.50
Repair	I-170 E (A2926)	2025	\$4.30	\$5.30
Repair	I-64 W over Clayton Ave, TRRA, Vandeventer, Grand, etc (A3594)	2025	\$24.60	\$30.30
		<b>2025 Total</b>		<b>\$56.10</b>
Repair	I-64 E over Vandeventer, Metrolink (L0667)	2026	\$15.80	\$20.00
		<b>2026 Total</b>		<b>\$20.00</b>
Repair	MO 370 E & W over Missouri River (A4557)	2027	\$27.70	\$36.10
		<b>2027 Total</b>		<b>\$36.10</b>
Repair	Rte. 364 (A5585)	2028	\$38.10	\$51.30
		<b>2028 Total</b>		<b>\$51.30</b>
Replacement	MO 799 over Mississippi at MLK (A4856)	2029	\$90.00	\$124.60
Repair	MO 364 E (A5584)	2029	\$12.42	\$17.20
		<b>2029 Total</b>		<b>\$141.80</b>
<b>St. Louis District 10-Year Total</b>			<b>\$429.60</b>	<b>\$536.48</b>

**Southwest Rural Area Major Bridge Assumptions:  
Updated February 2019**

Type of Work	Bridge	Year	Dollar Amt	Inflated
Repair	Rte 18 bridge over S. Grand River in Henry County (A4165)	2020	\$3.60	\$3.80
Repar	Rte ZZ bridge over Truman Reservoir (A3882)	2020	\$0.90	\$1.00
Repair	Rte C and E bridge over Truman Lake in St. Clair County (A3791)	2020	\$2.10	\$2.20
		<b>2020 Total</b>		<b>\$6.90</b>
Repair	Route 64 over Pomme de Terre Lake in Hickory County (A0894)	2021	\$0.90	\$1.00
Repair	Route 7 over Truman Reservoir in Benton County (A3465)	2021	\$1.00	\$1.10
		<b>2021 Total</b>		<b>\$2.10</b>
Replacement	Route 86 over Table Rock Lake (A0590)	2022	\$38.00	\$42.80
		<b>2022 Total</b>		<b>\$42.80</b>
Repair	Route 76 over White River, MNA Railroad in Taney County (J0705)	2025	\$0.60	\$0.70
		<b>2025 Total</b>		<b>\$0.70</b>
Repair	Route 13 over Truman Reservoir in Henry County (A5385)	2027	\$2.20	\$2.90
		<b>2027 Total</b>		<b>\$2.90</b>
<b>Southwest Rural</b>		<b>10 Year Total</b>	<b>\$49.30</b>	<b>\$55.40</b>

### Southeast District Major Bridge Assumptions:

Updated February 2019

Type of Work	Bridge	Year	Dollar Amt	Inflated
Repair	Rte 34 bridge over Mississippi River in Cape Girardeau (A5076)	2020	\$1.10	\$1.10
Repair	I-57 over the Mississippi Rivier in Mississippi (A2000)	2020	\$0.03	\$0.03
Repair	Rte 84 bridge over St. Francis River in Kennett (A3217)	2020	\$1.10	\$1.10

Repair	I-155 over Mississippi River	2020	\$4.50	\$4.80
		<b>2020 Total</b>		<b>\$7.10</b>
Repair	Rte 60 W over Current River (A5000)	2023	\$2.00	\$2.30
		<b>2023 Total</b>		<b>\$2.30</b>
Repair	MO 34E over Mississippi River (A5076)	2025	\$8.00	\$9.80
Repair	Rte 25 bridge over Headwater Diversion Channel in Cape (A4817)	2025	\$0.60	\$0.70
		<b>2025 Total</b>		<b>\$10.60</b>
Replacement	Rte 51 bridge over Mississippi River at Chester (L0135)	2026	\$40.00	\$50.70
		<b>2026 Total</b>		<b>\$50.70</b>
Replacement	Rte 62E bridge over St. Francis River in Campbell (H0927)	2027	\$6.00	\$7.80
		<b>2027 Total</b>		<b>\$7.80</b>
<b>Southeast District</b>		<b>10 Year Total</b>	<b>\$63.30</b>	<b>\$78.50</b>