

2021 STREET IMPROVEMENTS  
MERRIAM, KANSAS



ITEM NO.	BID ITEM	UNIT	QUANTITY	Engineer's Estimate		J.M. Fahey		Phillips Paving		Kansas Heavy	
				UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL
<b>2021 CARS PROGRAM (Base Bid)</b>											
1	Force Account (CARS)(SET)	LS	75,000	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00	\$1.00	\$75,000.00
2	Mobilization (CARS)	LS	1	\$77,000.00	\$77,000.00	\$53,000.00	\$53,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00
3	2" Mill & Asphalt Overlay (APWA Mix 6-01) (CARS)	SY	18,194	\$13.00	\$236,522.00	\$8.50	\$154,649.00	\$10.79	\$196,313.26	\$10.70	\$194,675.80
4	Type 1 Street Repair (EST) (CARS)	SY	145	\$110.00	\$15,950.00	\$125.00	\$18,125.00	\$42.00	\$6,090.00	\$130.00	\$18,850.00
5	Full Depth Asphalt (APWA Mix 5-01) (EST) (CARS)	SY	910	\$90.00	\$81,900.00	\$52.00	\$47,320.00	\$54.20	\$49,322.00	\$85.00	\$77,350.00
6	Subgrade Stabilization (ROCK) (EST) (CARS)	CY	910	\$50.00	\$45,500.00	\$82.00	\$74,620.00	\$100.00	\$91,000.00	\$55.00	\$50,050.00
7	Remove and Replace Concrete Curb & Gutter (All Types) (CARS)	LF	1,821	\$40.00	\$72,840.00	\$46.00	\$83,766.00	\$40.00	\$72,840.00	\$34.00	\$61,914.00
8	Remove and Replace Sidewalk (4") (CARS)	SF	9,084	\$10.00	\$90,840.00	\$8.75	\$79,485.00	\$9.15	\$83,118.60	\$7.00	\$63,588.00
9	Sidewalk Curb (EST) (CARS)	LF	100	\$20.00	\$2,000.00	\$13.00	\$1,300.00	\$46.00	\$4,600.00	\$37.00	\$3,700.00
10	Remove and Replace Sidewalk ADA Ramp Construction (6") (CARS)	EA	20	\$2,200.00	\$44,000.00	\$2,800.00	\$56,000.00	\$3,250.00	\$65,000.00	\$1,650.00	\$33,000.00
11	Remove and Replace Commercial Ramp Construction (6") (EST) (CARS)	EA	4	\$1,800.00	\$7,200.00	\$2,750.00	\$11,000.00	\$3,250.00	\$13,000.00	\$1,500.00	\$6,000.00
12	Remove and Replace Guardrail End Treatment (EST) (CARS)	EA	4	\$5,000.00	\$20,000.00	\$3,600.00	\$14,400.00	\$4,025.00	\$16,100.00	\$6,050.00	\$24,200.00
13	Remove and Replace Guardrail (EST) (CARS)	LF	100	\$120.00	\$12,000.00	\$31.00	\$3,100.00	\$34.50	\$3,450.00	\$108.00	\$10,800.00
14	Remove and Replace Guardrail Posts (EST) (CARS)	EA	10	\$150.00	\$1,500.00	\$127.00	\$1,270.00	\$143.75	\$1,437.50	\$578.00	\$5,780.00
15	Guardrail Erosion Control (EST) (CARS)	SY	300	\$70.00	\$21,000.00	\$17.00	\$5,100.00	\$3.60	\$1,080.00	\$14.50	\$4,350.00
16	Concrete Ditch Liner (EST) (CARS)	SY	52	\$150.00	\$7,800.00	\$131.25	\$6,825.00	\$62.34	\$3,241.68	\$95.00	\$4,940.00
17	Inlet Modification (CARS)	EA	10	\$2,800.00	\$28,000.00	\$1,775.00	\$17,750.00	\$2,500.00	\$25,000.00	\$2,650.00	\$26,500.00
18	Concrete Pavement Blockout (CARS)	EA	1	\$2,000.00	\$2,000.00	\$1,565.00	\$1,565.00	\$1,800.00	\$1,800.00	\$1,900.00	\$1,900.00
19	Flowable Fill (EST) (CARS)	CY	9	\$200.00	\$1,800.00	\$310.00	\$2,790.00	\$250.00	\$2,250.00	\$335.00	\$3,015.00
20	Storm Sewer - 18" RCP (CARS)	LF	125	\$200.00	\$25,000.00	\$176.00	\$22,000.00	\$184.00	\$23,000.00	\$135.00	\$16,875.00
21	Pipe Underdrain (EST) (CARS)	LF	400	\$40.00	\$16,000.00	\$31.50	\$12,600.00	\$38.00	\$15,200.00	\$29.00	\$11,600.00
22	Lawn Sprinkler System (EST) (CARS)	EA	3	\$3,000.00	\$9,000.00	\$3,100.00	\$9,300.00	\$3,400.00	\$10,200.00	\$3,000.00	\$9,000.00
23	Contractor Construction Staking (CARS)	LS	1	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.00
24	Seeding (Hydro) (EST) (CARS)	SY	2,051	\$1.00	\$2,051.00	\$1.50	\$3,076.50	\$3.85	\$7,896.35	\$1.50	\$3,076.50
25	Sod - Fescue (EST) (CARS)	SY	2,051	\$7.50	\$15,382.50	\$9.25	\$18,971.75	\$9.60	\$19,689.60	\$7.00	\$14,357.00
26	Tree Removal (CARS)	EA	16	\$1,000.00	\$16,000.00	\$250.00	\$4,000.00	\$950.00	\$15,200.00	\$500.00	\$8,000.00
27	Tree Replacement (EST) (CARS)	EA	14	\$600.00	\$8,400.00	\$420.00	\$5,880.00	\$850.00	\$11,900.00	\$445.00	\$6,230.00
28	Landscape Bed (Mulch Only) (CARS)	SF	7,625	\$3.50	\$26,687.50	\$0.55	\$4,193.75	\$0.95	\$7,243.75	\$0.60	\$4,575.00
29	Temporary Inlet Protection (EST) (CARS)	EA	60	\$75.00	\$4,500.00	\$47.00	\$2,820.00	\$75.00	\$4,500.00	\$50.00	\$3,000.00
30	Silt Fence (EST) (CARS)	LF	1,821	\$2.00	\$3,642.00	\$1.50	\$2,731.50	\$3.00	\$5,463.00	\$1.35	\$2,458.35
31	Pavement Marking (4", White, MC)(EST) (CARS)	LF	1,020	\$1.00	\$1,020.00	\$0.75	\$765.00	\$1.15	\$1,173.00	\$0.77	\$785.40
32	Pavement Marking (4", Yellow, MC)(EST) (CARS)	LF	10,007	\$1.00	\$10,007.00	\$0.75	\$7,505.25	\$1.04	\$10,407.28	\$0.77	\$7,705.39
33	Pavement Marking (8", White, MC)(EST) (CARS)	LF	12	\$2.00	\$24.00	\$1.60	\$19.20	\$2.30	\$27.60	\$1.65	\$19.80
34	Pavement Marking (12", Yellow, MC)(EST) (CARS)	LF	135	\$4.00	\$540.00	\$3.20	\$432.00	\$5.75	\$776.25	\$3.30	\$445.50
35	Pavement Marking (24" White, MC) (EST) (CARS)	LF	55	\$11.00	\$605.00	\$10.25	\$563.75	\$11.50	\$632.50	\$11.00	\$605.00
36	Pavement Marking Symbol - (Left Turn Arrow, MC) (EST) (CARS)	EA	12	\$250.00	\$3,000.00	\$105.00	\$1,260.00	\$172.50	\$2,070.00	\$110.00	\$1,320.00
37	Pavement Marking Symbol - (Right Turn Arrow, MC) (EST) (CARS)	EA	4	\$250.00	\$1,000.00	\$105.00	\$420.00	\$172.50	\$690.00	\$110.00	\$440.00
38	Pavement Marking Symbol - ("ONLY" Marking, MC) (EST) (CARS)	EA	1	\$500.00	\$500.00	\$260.00	\$260.00	\$287.50	\$287.50	\$275.00	\$275.00
39	Street Lighting Installation (CARS)	LS	1	\$20,000.00	\$20,000.00	\$8,200.00	\$8,200.00	\$9,450.00	\$9,450.00	\$8,690.00	\$8,690.00
40	Traffic Signal Modification (67th Street) (CARS)	LS	1	\$85,000.00	\$85,000.00	\$70,000.00	\$70,000.00	\$78,200.00	\$78,200.00	\$74,470.00	\$74,470.00
41	Traffic Control (CARS)	LS	1	\$45,000.00	\$45,000.00	\$3,000.00	\$3,000.00	\$9,200.00	\$9,200.00	\$3,080.00	\$3,080.00
42	County Project Sign (CARS)	EA	2	\$600.00	\$1,200.00	\$650.00	\$1,300.00	\$460.00	\$920.00	\$670.00	\$1,340.00
<b>2021 CARS PROGRAM (Base Bid) SUBTOTAL</b>					<b>\$1,157,411.00</b>		<b>\$891,363.70</b>		<b>\$954,269.87</b>		<b>\$865,460.74</b>

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ITEM NO.	BID ITEM	UNIT	QUANTITY	Engineer's Estimate		J.M. Fahey		Phillips Paving		Kansas Heavy	
				UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL
<b>CARMAX DRIVE (Base Bid)</b>											
43	Force Account (CARMAX)(SET)	LS	25,000	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00	\$1.00	\$25,000.00
44	Mobilization (CARMAX)	LS	1	\$20,000.00	\$20,000.00	\$13,000.00	\$13,000.00	\$5,000.00	\$5,000.00	\$11,500.00	\$11,500.00
45	2" Mill & Asphalt Overlay (APWA Mix 6-01) (CARMAX)	SY	4,216	\$13.00	\$54,808.00	\$8.50	\$35,836.00	\$11.38	\$47,978.08	\$13.20	\$55,651.20
46	Full Depth Asphalt (APWA Mix 5-01) (EST) (CARMAX)	SY	211	\$90.00	\$18,990.00	\$54.00	\$11,394.00	\$131.08	\$27,657.88	\$110.00	\$23,210.00
47	Subgrade Stabilization (ROCK) (EST) (CARMAX)	CY	211	\$50.00	\$10,550.00	\$57.00	\$12,027.00	\$100.00	\$21,100.00	\$50.00	\$10,550.00
48	Remove and Replace Concrete Curb & Gutter (All Types) (CARS)	LF	700	\$40.00	\$28,000.00	\$48.50	\$33,950.00	\$40.00	\$28,000.00	\$37.50	\$26,250.00
49	Remove and Replace Sidewalk (4") (CARMAX)	SF	417	\$10.00	\$4,170.00	\$10.75	\$4,482.75	\$9.15	\$3,815.55	\$9.00	\$3,753.00
50	Inlet Modification (CARMAX)	EA	1	\$2,800.00	\$2,800.00	\$1,750.00	\$1,750.00	\$2,500.00	\$2,500.00	\$2,650.00	\$2,650.00
51	Pipe Underdrain (EST) (CARMAX)	LF	50	\$40.00	\$2,000.00	\$40.00	\$2,000.00	\$38.00	\$1,900.00	\$35.00	\$1,750.00
52	Lawn Sprinkler System (EST) (CARMAX)	EA	1	\$3,000.00	\$3,000.00	\$3,100.00	\$3,100.00	\$2,850.00	\$2,850.00	\$3,240.00	\$3,240.00
53	Contractor Construction Staking (CARMAX)	LS	1	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$1,800.00	\$1,800.00	\$1,000.00	\$1,000.00
54	Seeding (Hydro) (EST) (CARMAX)	SY	303	\$1.00	\$303.00	\$2.80	\$848.40	\$3.85	\$1,166.55	\$3.05	\$924.15
55	Sod - Fescue (EST) (CARMAX)	SY	303	\$7.50	\$2,272.50	\$14.00	\$4,242.00	\$10.60	\$3,211.80	\$11.00	\$3,333.00
56	Temporary Inlet Protection (EST) (CARMAX)	EA	10	\$75.00	\$750.00	\$57.00	\$570.00	\$75.00	\$750.00	\$60.00	\$600.00
57	Silt Fence (EST) (CARMAX)	LF	700	\$2.00	\$1,400.00	\$1.50	\$1,050.00	\$3.00	\$2,100.00	\$1.35	\$945.00
58	Pavement Marking (4", Yellow, MC)(EST) (CARMAX)	LF	2,646	\$1.00	\$2,646.00	\$0.75	\$1,984.50	\$1.44	\$3,810.24	\$0.77	\$2,037.42
59	Pavement Marking (12", Yellow, MC)(EST) (CARMAX)	LF	33	\$4.00	\$132.00	\$3.25	\$107.25	\$5.75	\$189.75	\$3.30	\$108.90
60	Pavement Marking (24" White, MC) (EST) (CARMAX)	LF	35	\$11.00	\$385.00	\$10.25	\$358.75	\$11.50	\$402.50	\$11.00	\$385.00
61	Traffic Control (CARMAX)	LS	1	\$5,000.00	\$5,000.00	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$935.00	\$935.00
<b>CARMAX DRIVE (Base Bid) SUBTOTAL</b>					<b>\$186,206.50</b>		<b>\$155,100.65</b>		<b>\$180,732.35</b>		<b>\$173,822.67</b>
<b>MILL &amp; OVERLAY PROGRAM (Base Bid)</b>											
62	Force Account (OVERLAY)(SET)	LS	50,000	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00
63	Mobilization (OVERLAY)	LS	1	\$30,000.00	\$30,000.00	\$18,000.00	\$18,000.00	\$5,000.00	\$5,000.00	\$11,500.00	\$11,500.00
64	2" Mill & Asphalt Overlay (APWA Mix 5-01 or 6-01) (OVERLAY)	SY	18,931	\$13.00	\$246,103.00	\$8.75	\$165,646.25	\$12.65	\$239,477.15	\$11.25	\$212,973.75
65	Type 1 Street Repair (EST) (CARS)	SY	120	\$110.00	\$13,200.00	\$145.00	\$17,400.00	\$42.00	\$5,040.00	\$130.00	\$15,600.00
66	Full Depth Asphalt (APWA Mix 5-01) (EST) (OVERLAY)	SY	947	\$90.00	\$85,230.00	\$52.00	\$49,244.00	\$72.29	\$68,458.63	\$85.00	\$80,495.00
67	Remove and Replace Concrete Curb & Gutter (All Types) (OVERLAY)	LF	3,820	\$40.00	\$152,800.00	\$46.50	\$177,630.00	\$40.00	\$152,800.00	\$34.50	\$131,790.00
68	Remove and Replace Sidewalk (4") (OVERLAY)	SF	2,508	\$10.00	\$25,080.00	\$11.75	\$29,469.00	\$9.15	\$22,948.20	\$7.50	\$18,810.00
69	Remove and Replace Sidewalk ADA Ramp Construction (6") (OVERLAY)	EA	16	\$2,200.00	\$35,200.00	\$2,428.00	\$38,848.00	\$3,250.00	\$52,000.00	\$1,650.00	\$26,400.00
70	Concrete Pavement Blockout (OVERLAY)	EA	14	\$2,000.00	\$28,000.00	\$1,300.00	\$18,200.00	\$1,800.00	\$25,200.00	\$1,850.00	\$25,900.00
71	Seeding (Hydro) (EST) (OVERLAY)	SY	2000	\$1.00	\$2,000.00	\$1.50	\$3,000.00	\$3.85	\$7,700.00	\$1.45	\$2,900.00
72	Pavement Marking (4", White, MC)(EST) (OVERLAY)	LF	180	\$1.00	\$180.00	\$0.75	\$135.00	\$1.88	\$338.40	\$0.77	\$138.60
73	Pavement Marking (4", Yellow, MC)(EST) (OVERLAY)	LF	5,380	\$1.00	\$5,380.00	\$0.75	\$4,035.00	\$1.27	\$6,832.60	\$0.77	\$4,142.60
74	Pavement Marking (12" Yellow, MC) (EST) (OVERLAY)	LF	156	\$4.00	\$624.00	\$3.25	\$507.00	\$5.75	\$897.00	\$3.30	\$514.80
75	Pavement Marking (24" White, MC) (EST) (OVERLAY)	LF	75	\$11.00	\$825.00	\$10.25	\$768.75	\$1.15	\$86.25	\$11.00	\$825.00
76	Pavement Marking Symbol - (Left Turn Arrow, MC) (EST) (OVERLAY)	EA	2	\$250.00	\$500.00	\$110.00	\$220.00	\$172.50	\$345.00	\$110.00	\$220.00
77	Traffic Control (OVERLAY)	LS	1	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$4,025.00	\$4,025.00	\$3,850.00	\$3,850.00
<b>MILL &amp; OVERLAY PROGRAM (Base Bid) SUBTOTAL</b>					<b>\$677,122.00</b>		<b>\$577,103.00</b>		<b>\$641,148.23</b>		<b>\$586,059.75</b>

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ITEM NO.	BID ITEM	UNIT	QUANTITY	Engineer's Estimate		J.M. Fahey		Phillips Paving		Kansas Heavy	
				UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL
<b>SIDEWALK PROGRAM</b>											
78	Force Account (SIDEWALK)(SET)	LS	15,000	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00
79	Mobilization (SIDEWALK)	LS	1	\$10,000.00	\$10,000.00	\$9,000.00	\$9,000.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00
80	Remove and Replace Concrete Curb & Gutter (All Types) (SIDEWALK)	LF	982	\$40.00	\$39,280.00	\$50.00	\$49,100.00	\$40.00	\$39,280.00	\$42.50	\$41,735.00
81	Remove and Replace Sidewalk (4") (SIDEWALK)	SF	7,632	\$10.00	\$76,320.00	\$12.00	\$91,584.00	\$9.15	\$69,832.80	\$7.00	\$53,424.00
82	Remove and Replace Sidewalk ADA Ramp Construction (6") (SIDEWALK)	EA	11	\$2,200.00	\$24,200.00	\$2,700.00	\$29,700.00	\$3,250.00	\$35,750.00	\$1,650.00	\$18,150.00
83	Inlet Modification (SIDEWALK)	EA	3	\$2,800.00	\$8,400.00	\$1,550.00	\$4,650.00	\$2,500.00	\$7,500.00	\$2,650.00	\$7,950.00
84	Sod - Fescue (EST) (SIDEWALK)	SY	200	\$7.50	\$1,500.00	\$13.50	\$2,700.00	\$10.60	\$2,120.00	\$12.00	\$2,400.00
85	Seeding (Hydro) (EST) (SIDEWALK)	SY	1,000	\$1.00	\$1,000.00	\$1.50	\$1,500.00	\$3.85	\$3,850.00	\$1.45	\$1,450.00
86	Traffic Control (SIDEWALK)	LS	1	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,300.00	\$2,300.00	\$2,750.00	\$2,750.00
<b>SIDEWALK PROGRAM (Base Bid) SUBTOTAL</b>					<b>\$177,700.00</b>		<b>\$206,234.00</b>		<b>\$179,132.80</b>		<b>\$145,359.00</b>
2021 CARS PROGRAM (Base Bid) SUBTOTAL					\$1,157,411.00		\$891,363.70		\$954,269.87		\$865,460.74
CARMAX DRIVE (Base Bid) SUBTOTAL					\$186,206.50		\$155,100.65		\$180,732.35		\$173,822.67
MILL & OVERLAY PROGRAM (Base Bid) SUBTOTAL					\$677,122.00		\$577,103.00		\$641,148.23		\$586,059.75
SIDEWALK PROGRAM (Base Bid) SUBTOTAL					\$177,700.00		\$206,234.00		\$179,132.80		\$145,359.00
CONSTRUCTION SUBTOTAL					\$2,198,439.50		\$1,829,801.35		\$1,955,283.25		\$1,770,702.16
Days Bid					0		110		50		150
Dollar Value of Days Bid					\$0.00		\$220,000.00		\$100,000.00		\$300,000.00
<b>TOTAL - 2021 STREET IMPROVEMENTS</b>					<b>\$2,198,439.50</b>		<b>\$2,049,801.35</b>		<b>\$2,055,283.25</b>		<b>\$2,070,702.16</b>