

Project: Old State Rt. 21 at Lions Den Road Intersection Improvements  
 Federal Project #: STP-5462(607)  
 Bid Opening Date: March 31, 2020  
 Engineer's Estimate: \$478,079.27

Item No.	Description	Unit	Quantity	Engineer's Estimate		Jokerst Paving & Contracting P.O. Box 637 FESTUS, MO 63028		XL Contracting, Inc. 20 Mid Rivers Trade Ct., Suite 100 St. Peters, MO 63376		Gershenson Construction Co. Inc. 2 Trullitt Drive Eureka, MO 63025		Spencer Contracting Co. 3073 ARNOLD TENBROOK RD ARNOLD, MO 63010	
				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
<b>ROADWAY ITEMS</b>													
2022010	REMOVAL OF IMPROVEMENTS	L.S.	1	\$6,500.00	\$ 6,500.00	\$7,520.00	\$ 7,520.00	\$3,620.25	\$ 3,620.25	\$19,000.00	\$ 19,000.00	\$42,995.00	\$ 42,995.00
2035000	UNCLASSIFIED EXCAVATION	C.Y.	774	\$25.00	\$ 19,350.00	\$17.50	\$ 13,545.00	\$31.14	\$ 24,102.36	\$40.00	\$ 30,960.00	\$107.63	\$ 83,305.62
2036000	COMPACTING EMBANKMENT	C.Y.	8	\$5.00	\$ 40.00	\$76.00	\$ 608.00	\$48.04	\$ 384.32	\$50.00	\$ 400.00	\$21.56	\$ 172.48
2037075	COMPACTING IN CUT	STA.	2.8	\$1,500.00	\$ 4,200.00	\$670.00	\$ 1,876.00	\$549.00	\$ 1,537.20	\$500.00	\$ 1,400.00	\$492.86	\$ 1,380.01
2063000	CLASS 3 EXCAVATION	C.Y.	23	\$35.00	\$ 805.00	\$100.00	\$ 2,300.00	\$22.72	\$ 522.56	\$50.00	\$ 1,150.00	\$30.00	\$ 690.00
2063500	CULVERT CLEANOUT	EACH	1	\$2,000.00	\$ 2,000.00	\$1,600.00	\$ 1,600.00	\$2,832.50	\$ 2,832.50	\$3,500.00	\$ 3,500.00	\$691.00	\$ 691.00
2072000	LINEAR GRADING CLASS 2	STA.	28	\$2,000.00	\$ 56,000.00	\$310.00	\$ 8,680.00	\$85.26	\$ 23,947.28	\$350.00	\$ 9,800.00	\$1,315.00	\$ 36,820.00
3040504	TYPE 5 AGGREGATE FOR BASE (4 IN. THICK)	S.Y.	3070	\$8.00	\$ 24,560.00	\$5.37	\$ 16,485.90	\$4.10	\$ 12,587.00	\$6.50	\$ 19,955.00	\$7.17	\$ 22,011.90
4010150	TYPE A2 SHOULDER	S.Y.	764.7	\$50.00	\$ 38,235.00	\$32.50	\$ 24,852.75	\$55.95	\$ 42,784.97	\$46.00	\$ 35,176.20	\$35.66	\$ 27,269.20
4011209	"BITUMINOUS PAVEMENT MIXTURE PG64-22, (BP-1)"	TON	1072.7	\$70.00	\$ 75,089.00	\$77.29	\$ 82,908.98	\$79.39	\$ 85,161.65	\$80.00	\$ 85,816.00	\$83.29	\$ 89,345.18
4013000	BITUMINOUS PAVEMENT MIXTURE PG64-22 (BASE)	TON	786.7	\$80.00	\$ 62,936.00	\$96.62	\$ 76,010.95	\$84.75	\$ 66,672.83	\$95.00	\$ 74,736.50	\$80.42	\$ 63,266.41
4071005	TACK COAT	GAL	780	\$2.75	\$ 2,145.00	\$3.50	\$ 2,730.00	\$1.86	\$ 1,450.80	\$5.00	\$ 3,900.00	\$0.01	\$ 7.80
6061060	MGS GUARDRAIL	L.F.	288	\$25.00	\$ 7,200.00	\$31.00	\$ 8,928.00	\$33.00	\$ 9,504.00	\$30.00	\$ 8,640.00	\$30.90	\$ 8,899.20
6063014	TYPE A CRASHWORTHY END TERMINAL (MASH)	EACH	2	\$3,000.00	\$ 6,000.00	\$3,300.00	\$ 6,600.00	\$3,520.00	\$ 7,040.00	\$3,100.00	\$ 6,200.00	\$3,296.00	\$ 6,592.00
609111	CONCRETE CURB (OVER 6 IN. HEIGHT) TYPE S	L.F.	108	\$30.00	\$ 3,240.00	\$47.00	\$ 5,076.00	\$53.62	\$ 5,790.96	\$40.00	\$ 4,320.00	\$25.00	\$ 2,700.00
6093010	ASPHALT CURB	L.F.	236	\$15.00	\$ 3,540.00	\$10.50	\$ 2,478.00	\$11.89	\$ 2,806.04	\$12.00	\$ 2,832.00	\$10.00	\$ 2,360.00
6096010A	FURNISHING TYPE 1 ROCK DITCH LINER	C.Y.	20	\$35.00	\$ 700.00	\$40.00	\$ 800.00	\$27.90	\$ 558.00	\$30.00	\$ 600.00	\$30.19	\$ 603.80
6096041	PLACING TYPE 1 ROCK DITCH LINER	C.Y.	20	\$35.00	\$ 700.00	\$48.00	\$ 960.00	\$51.15	\$ 1,023.00	\$35.00	\$ 700.00	\$99.82	\$ 1,996.40
6097000	ROCK LINING	C.Y.	23	\$100.00	\$ 2,300.00	\$76.00	\$ 1,748.00	\$82.81	\$ 1,904.63	\$80.00	\$ 1,840.00	\$120.55	\$ 2,772.65
6123000A	TRUCK OR TRAILER MOUNTED ATTENUATOR (TMA)	EACH	1	\$3,000.00	\$ 3,000.00	\$500.00	\$ 500.00	\$2,750.00	\$ 2,750.00	\$2,500.00	\$ 2,500.00	\$2,625.00	\$ 2,625.00
6131010	FURNISHING AND PLACING CONCRETE MATERIAL FOR FULL DEPTH PAVEMENT REPAIR	S.Y.	158.8	\$250.00	\$ 39,700.00	\$170.00	\$ 26,996.00	\$163.62	\$ 25,982.86	\$250.00	\$ 39,700.00	\$121.85	\$ 19,349.78
6131012	SUBGRADE COMPACTION (6 IN. DEPTH) (PAVEMENT REPAIR)	S.Y.	162	\$7.65	\$ 1,239.30	\$8.00	\$ 1,296.00	\$8.67	\$ 1,404.54	\$5.00	\$ 810.00	\$7.61	\$ 1,232.82
6131013	TYPE 1 OR 5 AGGREGATE FOR BASE (4 IN. THICK) (PAVEMENT REPAIR)	S.Y.	162	\$10.00	\$ 1,620.00	\$8.70	\$ 1,409.40	\$22.15	\$ 3,588.30	\$15.00	\$ 2,430.00	\$13.10	\$ 2,122.20
6131014	FULL DEPTH PAVEMENT REPAIR SAW CUT (FOR PERIMETER AND INTERNAL SAW CUTS)	L.F.	475	\$6.50	\$ 3,087.50	\$8.00	\$ 3,800.00	\$3.30	\$ 1,567.50	\$8.00	\$ 3,800.00	\$8.35	\$ 3,966.25
6131015	DOWEL BAR (DRILLING, FURNISHING AND INSTALLATION) FOR FULL DEPTH PAVEMENT REPAIR	EACH	432	\$12.00	\$ 5,184.00	\$3.40	\$ 1,468.80	\$15.83	\$ 6,838.56	\$10.00	\$ 4,320.00	\$22.73	\$ 9,819.36
6139905	REINFORCEMENT CRACK CONTROL GRID	S.Y.	238	\$5.00	\$ 1,190.00	\$14.50	\$ 3,451.00	\$6.18	\$ 1,470.84	\$20.00	\$ 4,760.00	\$21.00	\$ 4,998.00
6161005	CONSTRUCTION SIGNS	S.F.	507	\$8.00	\$ 4,056.00	\$6.50	\$ 3,295.50	\$7.15	\$ 3,625.05	\$6.50	\$ 3,295.50	\$6.56	\$ 3,325.92
6161008	ADVANCED WARNING RAIL SYSTEM	EACH	10	\$70.00	\$ 700.00	\$42.00	\$ 420.00	\$38.50	\$ 385.00	\$35.00	\$ 350.00	\$42.00	\$ 420.00
6161009	FLAG ASSEMBLY	EACH	3	\$30.00	\$ 90.00	\$15.50	\$ 46.50	\$22.00	\$ 66.00	\$20.00	\$ 60.00	\$15.75	\$ 47.25
6161025	CHANNELIZER (TRIM LINE)	EACH	100	\$20.00	\$ 2,000.00	\$21.00	\$ 2,100.00	\$24.20	\$ 2,420.00	\$22.00	\$ 2,200.00	\$21.00	\$ 2,100.00
6161030	TYPE III MOVEABLE BARRICADE	EACH	4	\$150.00	\$ 600.00	\$113.00	\$ 452.00	\$132.00	\$ 528.00	\$120.00	\$ 480.00	\$115.50	\$ 462.00
6161033	DIRECTION INDICATOR BARRICADE	EACH	14	\$150.00	\$ 2,100.00	\$26.00	\$ 364.00	\$55.00	\$ 770.00	\$50.00	\$ 700.00	\$26.25	\$ 367.50
6161098A	CHANGEABLE MESSAGE SIGN WITHOUT COMMUNICATION INTERFACE, CONTRACTOR FURNISHED, CONTRACTOR RETAINED	EACH	3	\$3,200.00	\$ 9,600.00	\$2,100.00	\$ 6,300.00	\$3,080.00	\$ 9,240.00	\$2,800.00	\$ 8,400.00	\$2,100.00	\$ 6,300.00
6181000	MOBILIZATION	L.S.	1	\$27,100.00	\$ 27,100.00	\$27,000.00	\$ 27,000.00	\$37,647.00	\$ 37,647.00	\$60,000.00	\$ 60,000.00	\$37,300.00	\$ 37,300.00
6191000	PAVEMENT EDGE TREATMENT	L.F.	1995	\$3.00	\$ 5,985.00	\$0.50	\$ 997.50	\$1.18	\$ 2,354.10	\$2.50	\$ 4,987.50	\$1.10	\$ 2,194.50
6221001	COLDMILLING BITUMINOUS PAVEMENT FOR REMOVAL OF SURFACING (3 IN. THICK OR LESS)	S.Y.	3663	\$3.20	\$ 11,721.60	\$4.00	\$ 14,652.00	\$4.47	\$ 16,373.61	\$3.85	\$ 14,102.55	\$4.76	\$ 17,435.88
6240101A	SUBSURFACE DRAINAGE GEOTEXTILE	S.Y.	70	\$2.00	\$ 140.00	\$14.00	\$ 980.00	\$5.39	\$ 377.30	\$8.00	\$ 560.00	\$7.00	\$ 490.00
6261000A	BITUMINOUS SHOULDER RUMBLE STRIP	STA.	12	\$35.00	\$ 420.00	\$110.00	\$ 1,320.00	\$110.00	\$ 1,320.00	\$584.00	\$ 7,008.00	\$115.00	\$ 1,380.00
6274000	CONTRACTOR FURNISHED SURVEYING AND STAKING	L.S.	1	\$5,150.00	\$ 5,150.00	\$2,500.00	\$ 2,500.00	\$6,237.00	\$ 6,237.00	\$6,500.00	\$ 6,500.00	\$6,600.00	\$ 6,600.00
7250415	15 IN. PIPE GROUP C	L.F.	91	\$70.00	\$ 6,370.00	\$40.00	\$ 3,640.00	\$63.38	\$ 5,767.58	\$70.00	\$ 6,370.00	\$30.00	\$ 2,730.00
7322015A	BEVELED PIPE END TREATMENT FOR 15 IN. OR ALLOWED SUBSTITUTE PIPE	EACH	4	\$1,350.00	\$ 5,400.00	\$120.00	\$ 480.00	\$1,438.60	\$ 5,754.40	\$1,400.00	\$ 5,600.00	\$100.00	\$ 400.00
8061003	SEDIMENT TRAP EXCAVATION	C.Y.	22	\$55.00	\$ 1,210.00	\$44.00	\$ 968.00	\$37.75	\$ 830.50	\$50.00	\$ 1,100.00	\$34.00	\$ 748.00
8061004	SEDIMENT TRAP ROCK	C.Y.	30	\$76.00	\$ 2,280.00	\$95.00	\$ 2,850.00	\$68.00	\$ 2,040.00	\$50.00	\$ 1,500.00	\$75.78	\$ 2,273.40
8061005	ROCK DITCH CHECK	L.F.	391	\$21.00	\$ 8,211.00	\$11.00	\$ 4,301.00	\$23.47	\$ 9,176.77	\$20.00	\$ 7,820.00	\$17.17	\$ 6,713.47
8061016	SEDIMENT REMOVAL	C.Y.	47	\$35.00	\$ 1,645.00	\$41.00	\$ 1,927.00	\$68.92	\$ 3,239.24	\$30.00	\$ 1,410.00	\$46.97	\$ 2,207.59
8061019	SILT FENCE	L.F.	1415	\$2.50	\$ 3,537.50	\$2.60	\$ 3,679.00	\$4.28	\$ 6,056.20	\$2.85	\$ 4,032.75	\$2.11	\$ 2,985.65
9039902	MISC. (REMOVE AND RELOCATE SIGN)	EACH	2	\$350.00	\$ 700.00	\$450.00	\$ 900.00	\$523.50	\$ 1,047.00	\$450.00	\$ 900.00	\$400.00	\$ 800.00
				<b>Subtotal =</b>	<b>\$ 469,576.90</b>	<b>Subtotal =</b>	<b>\$ 383,801.29</b>	<b>Subtotal =</b>	<b>\$ 453,087.69</b>	<b>Subtotal =</b>	<b>\$ 506,622.00</b>	<b>Subtotal =</b>	<b>\$ 535,273.23</b>

Item No.	Description	Unit	Quantity	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
<b>STRIPING ITEMS</b>													
6200015	PREFORMED THERMOPLASTIC PAVEMENT MARKING, 24 IN. WHITE	L.F.	58	\$25.00	\$ 1,450.00	\$ 20.60	\$ 1,194.80	\$ 26.40	\$ 1,531.20	\$ 24.00	\$ 1,392.00	\$ 25.20	\$ 1,461.60
6200021	PREFORMED THERMOPLASTIC PAVEMENT MARKING, LEFT/RIGHT ARROW	EACH	4	\$290.00	\$ 1,160.00	\$ 309.00	\$ 1,236.00	\$ 374.00	\$ 1,496.00	\$ 340.00	\$ 1,360.00	\$ 357.00	\$ 1,428.00
6206000C	4 IN. WHITE STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	L.F.	2695	\$0.20	\$ 539.00	\$ 0.72	\$ 1,940.40	\$ 0.33	\$ 889.35	\$ 0.30	\$ 808.50	\$ 0.31	\$ 835.45
6206001C	4 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	L.F.	3980	\$0.20	\$ 796.00	\$ 0.72	\$ 2,865.60	\$ 0.33	\$ 1,313.40	\$ 0.30	\$ 1,194.00	\$ 0.31	\$ 1,233.80
6206125A	24 IN. YELLOW STANDARD WATERBORNE PAVEMENT MARKING PAINT, TYPE P BEADS	L.F.	150	\$8.00	\$ 1,200.00	\$ 5.15	\$ 772.50	\$ 6.60	\$ 990.00	\$ 6.00	\$ 900.00	\$ 6.30	\$ 945.00
6208064A	TEMPORARY RAISED PAVEMENT MARKER	EACH	60	\$4.00	\$ 240.00	\$ 3.25	\$ 195.00	\$ 4.19	\$ 251.40	\$ 10.00	\$ 600.00	\$ 3.15	\$ 189.00
6208076	4 IN TEMPORARY PAVEMENT MARKING PAINT	L.F.	120	\$4.00	\$ 480.00	\$ 5.15	\$ 618.00	\$ 6.60	\$ 792.00	\$ 6.00	\$ 720.00	\$ 6.90	\$ 828.00
				<b>Subtotal =</b>	<b>\$ 5,865.00</b>	<b>Subtotal =</b>	<b>\$ 8,822.30</b>	<b>Subtotal =</b>	<b>\$ 7,263.35</b>	<b>Subtotal =</b>	<b>\$ 6,974.50</b>	<b>Subtotal =</b>	<b>\$ 6,920.85</b>

Item No.	Description	Unit	Quantity	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
<b>LANDSCAPE ITEMS</b>													
8051000A	SEEDING - COOL SEASON MIXTURES	ACRE	0.5	\$5,000.00	\$ 2,500.00	\$8,000.00	\$ 4,000.00	\$6,211.20	\$ 3,105.60	\$10,200.00	\$ 5,100.00	\$12,600.00	\$ 6,300.00
8061017	TEMPORARY SEEDING AND MULCHING	ACRE	0.2	\$2,000.00	\$ 400.00	\$1,500.00	\$ 300.00	\$7,464.00	\$ 1,492.80	\$10.00	\$ 2.00	\$12,600.00	\$ 2,520.00
				<b>Subtotal =</b>	<b>\$ 2,900.00</b>	<b>Subtotal =</b>	<b>\$ 4,300.00</b>	<b>Subtotal =</b>	<b>\$ 4,598.40</b>	<b>Subtotal =</b>	<b>\$ 5,102.00</b>	<b>Subtotal =</b>	<b>\$ 8,820.00</b>

**TOTAL = \$ 478,341.90      TOTAL = \$ 396,923.59      TOTAL = \$ 464,949.44      TOTAL = \$ 518,698.50      TOTAL = \$ 551,014.08**