

Project: Charter Church Road Bridge Replacement at Mitch Sweet  
 Federal Project #: STP-5403 (673)  
 Bid Opening Date: June 9, 2020  
 Engineer's Estimate: \$1,053,686.00

Item No.	Description	Unit	Quantity	Engineer's Estimate		Pace Construction Company, LLC 1620 Woodson Road St. Louis, MO 63114		Kozeny-Wagner, Inc. 951 West Outer Road Arnold, MO 63010		Gershenson Construction Co. Inc. 2 Truitt Drive Eureka, MO 63025		XL Contracting Inc. 20 Mid Rivers Trade Ct. Ste. 100 St. Peters, MO 63376	
				Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
<b>ROADWAY ITEMS</b>													
2013000	Clearing & Grubbing	ACRE	0.7	\$9,000.00	\$ 6,300.00	\$5,500.00	\$ 3,850.00	\$9,785.00	\$ 6,849.50	\$12,000.00	\$ 8,400.00	\$6,939.43	\$ 4,857.60
2022010	Removal of Improvements	LS	1.0	\$13,000.00	\$ 13,000.00	\$4,500.00	\$ 4,500.00	\$7,502.00	\$ 7,502.00	\$12,000.00	\$ 12,000.00	\$20,937.13	\$ 20,937.13
2031000	Class A Excavation	CUYD	2216.0	\$15.00	\$ 33,240.00	\$20.00	\$ 44,320.00	\$19.00	\$ 42,104.00	\$15.25	\$ 33,794.00	\$21.76	\$ 48,220.16
2036000	Compacting Embankment	CUYD	499.0	\$3.00	\$ 1,497.00	\$12.00	\$ 5,988.00	\$8.50	\$ 4,241.50	\$12.00	\$ 5,988.00	\$10.85	\$ 5,414.15
2059999	Subgrade Repair	SQYD	500.0	\$10.00	\$ 5,000.00	\$6.50	\$ 3,250.00	\$40.00	\$ 20,000.00	\$19.00	\$ 9,500.00	\$36.02	\$ 18,010.00
2063000	Class 3 Excavation	CUYD	43.0	\$25.00	\$ 1,075.00	\$20.00	\$ 860.00	\$26.50	\$ 1,139.50	\$10.00	\$ 430.00	\$129.70	\$ 5,577.10
2072000	Linear Grading, Class 2	STA	1.3	\$3,000.00	\$ 3,900.00	\$475.00	\$ 617.50	\$2,536.00	\$ 3,296.80	\$1,400.00	\$ 1,820.00	\$2,692.46	\$ 3,500.20
3040143	Type 1 Aggregate for Base (4" Thick)	SQYD	1218.0	\$7.00	\$ 8,526.00	\$6.20	\$ 7,551.60	\$6.20	\$ 7,551.60	\$6.20	\$ 7,551.60	\$4.10	\$ 4,993.80
3040163	Type 1 Aggregate for Base (6" Thick)	SQYD	233.0	\$10.50	\$ 2,446.50	\$8.75	\$ 2,038.75	\$8.75	\$ 2,038.75	\$8.75	\$ 2,038.75	\$8.54	\$ 1,989.82
4011209	Bituminous Pavement Mixture Surface (BP-1)	TON	131.0	\$110.00	\$ 14,410.00	\$81.12	\$ 10,626.72	\$81.15	\$ 10,630.65	\$81.12	\$ 10,626.72	\$132.07	\$ 17,301.17
4013000	Bituminous Pavement Mixture (Base)	TON	525.0	\$110.00	\$ 57,750.00	\$60.91	\$ 31,977.75	\$61.00	\$ 32,025.00	\$60.91	\$ 31,977.75	\$84.91	\$ 44,577.75
4071005	Tack Coat	GAL	40.0	\$5.00	\$ 200.00	\$3.00	\$ 120.00	\$3.00	\$ 120.00	\$5.00	\$ 200.00	\$3.85	\$ 154.00
6061010	Guardrail Type A	LF	38.0	\$25.00	\$ 950.00	\$80.00	\$ 3,040.00	\$80.00	\$ 3,040.00	\$80.00	\$ 3,040.00	\$82.50	\$ 3,135.00
6061050	Guardrail Type E, 3 ft.-1.5 in spacing	LF	75.0	\$35.00	\$ 2,625.00	\$100.00	\$ 7,500.00	\$100.00	\$ 7,500.00	\$100.00	\$ 7,500.00	\$66.00	\$ 4,950.00
6062100	Bridge Anchor Section (Curb Type)	EA	1.0	\$2,000.00	\$ 2,000.00	\$3,600.00	\$ 3,600.00	\$3,600.00	\$ 3,600.00	\$3,600.00	\$ 3,600.00	\$2,750.00	\$ 2,750.00
6062303	Asymmetrical Transition Section, 6.5 Ft. Post	EA	1.0	\$650.00	\$ 650.00	\$1,200.00	\$ 1,200.00	\$1,200.00	\$ 1,200.00	\$1,200.00	\$ 1,200.00	\$825.00	\$ 825.00
6113020	Furnishing Type 2 Rock Blanket	CUYD	335.0	\$35.00	\$ 11,725.00	\$30.00	\$ 10,050.00	\$38.25	\$ 12,813.75	\$33.25	\$ 11,138.75	\$38.81	\$ 13,001.35
6113040	Placing Type 2 Rock Blanket	CUYD	335.0	\$25.00	\$ 8,375.00	\$18.00	\$ 6,030.00	\$27.00	\$ 9,045.00	\$27.00	\$ 9,045.00	\$17.52	\$ 5,869.20
6161005	Construction Signs	SQFT	197.0	\$10.00	\$ 1,970.00	\$9.00	\$ 1,773.00	\$9.00	\$ 1,773.00	\$9.00	\$ 1,773.00	\$9.90	\$ 1,950.30
6161030	Type III Moveable Barricade	EA	6.0	\$250.00	\$ 1,500.00	\$135.00	\$ 810.00	\$135.00	\$ 810.00	\$135.00	\$ 810.00	\$74.25	\$ 445.50
6161052	Warning Light, Type B	EA	8.0	\$100.00	\$ 800.00	\$55.00	\$ 440.00	\$55.00	\$ 440.00	\$55.00	\$ 440.00	\$60.50	\$ 484.00
6161098A	Changeable message sign, W/O Interface Contr. Furn & Contr. Retained.	EA	2.0	\$3,200.00	\$ 6,400.00	\$3,000.00	\$ 6,000.00	\$3,000.00	\$ 6,000.00	\$3,000.00	\$ 6,000.00	\$3,300.00	\$ 6,600.00
6181000	Mobilization	LS	1.0	\$60,000.50	\$ 60,000.50	\$60,393.06	\$ 60,393.06	\$71,500.00	\$ 71,500.00	\$67,756.87	\$ 67,756.87	\$172,000.00	\$ 172,000.00
6274000	Contractor Furnished Surveying and Staking	LS	1.0	\$8,000.00	\$ 8,000.00	\$3,645.00	\$ 3,645.00	\$5,000.00	\$ 5,000.00	\$4,700.00	\$ 4,700.00	\$6,209.50	\$ 6,209.50
7261030	30" Pipe Group A (RCP)	LF	36.0	\$120.00	\$ 4,320.00	\$100.00	\$ 3,600.00	\$93.00	\$ 3,348.00	\$80.00	\$ 2,880.00	\$117.13	\$ 4,216.68
7320630	30" or Allowed Substitute Group A Flared End Section	EA	2.0	\$850.00	\$ 1,700.00	\$950.00	\$ 1,900.00	\$1,332.00	\$ 2,664.00	\$950.00	\$ 1,900.00	\$2,183.94	\$ 4,367.88
8061005	Rock Ditch Check	LF	12.0	\$25.00	\$ 300.00	\$22.00	\$ 264.00	\$35.00	\$ 420.00	\$35.00	\$ 420.00	\$53.29	\$ 639.48
8061019	Silt Fence	LF	953.0	\$3.00	\$ 2,859.00	\$3.50	\$ 3,335.50	\$2.80	\$ 2,668.40	\$2.80	\$ 2,668.40	\$4.28	\$ 4,078.84
				<b>Subtotal =</b>	<b>\$ 261,519.00</b>	<b>Subtotal =</b>	<b>\$ 229,280.88</b>	<b>Subtotal =</b>	<b>\$ 269,321.45</b>	<b>Subtotal =</b>	<b>\$ 249,198.84</b>	<b>Subtotal =</b>	<b>\$ 407,055.61</b>

Item No.	Description	Unit	Quantity	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount	Unit Cost	Amount
<b>BRIDGE ITEMS</b>													
2061000	Class 1 Excavation	CUYD	130.0	\$50.00	\$ 6,500.00	\$40.00	\$ 5,200.00	\$64.50	\$ 8,385.00	\$44.00	\$ 5,720.00	\$56.33	\$ 7,322.90
2160500	Removal of Bridges	LS	1.0	\$26,350.00	\$ 26,350.00	\$35,000.00	\$ 35,000.00	\$23,872.00	\$ 23,872.00	\$35,000.00	\$ 35,000.00	\$48,647.50	\$ 48,647.50
5031011A	Bridge Approach Slab (Minor Road)	SQYD	143.0	\$200.00	\$ 28,600.00	\$155.00	\$ 22,165.00	\$207.00	\$ 29,601.00	\$168.00	\$ 24,024.00	\$189.00	\$ 27,027.00
7011105	Drilled Shafts (3 ft 6 in)	LF	51.0	\$600.00	\$ 30,600.00	\$625.00	\$ 31,875.00	\$779.00	\$ 39,729.00	\$625.00	\$ 31,875.00	\$469.33	\$ 23,935.83
7011204	Rock Sockets (3 ft 0 in)	LF	60.0	\$750.00	\$ 45,000.00	\$500.00	\$ 30,000.00	\$737.00	\$ 44,220.00	\$700.00	\$ 42,000.00	\$482.99	\$ 28,979.40
7011300	Supplementary Television Camera Inspection	EA	6.0	\$550.00	\$ 3,300.00	\$500.00	\$ 3,000.00	\$200.00	\$ 1,200.00	\$300.00	\$ 1,800.00	\$220.00	\$ 1,320.00
7011400	Foundation Inspection Holes	LF	60.0	\$120.00	\$ 7,200.00	\$275.00	\$ 16,500.00	\$300.00	\$ 18,000.00	\$252.00	\$ 15,120.00	\$277.20	\$ 16,632.00
7011600	Sonic Logging Testing	EA	6.0	\$1,700.00	\$ 10,200.00	\$2,000.00	\$ 12,000.00	\$400.00	\$ 2,400.00	\$1,217.86	\$ 7,307.16	\$440.00	\$ 2,640.00
7021210	Galvanized Structural Steel Piles (10 in)	LF	225.0	\$70.00	\$ 15,750.00	\$85.00	\$ 19,125.00	\$100.00	\$ 22,500.00	\$116.00	\$ 26,100.00	\$232.55	\$ 52,323.75
7026000	Pre-Bore for Piling	LF	205.0	\$100.00	\$ 20,500.00	\$135.00	\$ 27,675.00	\$137.00	\$ 28,085.00	\$140.00	\$ 28,700.00	\$137.50	\$ 28,187.50
7027000	Pile Point Reinforcement	EA	10.0	\$155.00	\$ 1,550.00	\$90.00	\$ 900.00	\$100.00	\$ 1,000.00	\$116.00	\$ 1,160.00	\$110.00	\$ 1,100.00
7032003	Class B Concrete (SubStructure)	CUYD	87.8	\$850.00	\$ 74,630.00	\$750.00	\$ 65,850.00	\$875.00	\$ 76,825.00	\$1,120.00	\$ 98,336.00	\$1,847.62	\$ 162,221.04
7034213	Slab on Concrete I-Girder	SQYD	645.0	\$340.00	\$ 219,300.00	\$280.00	\$ 180,600.00	\$276.00	\$ 178,020.00	\$342.00	\$ 220,590.00	\$446.59	\$ 288,050.55
7034215	Safety Barrier Curb	LF	356.0	\$78.00	\$ 27,768.00	\$84.00	\$ 29,904.00	\$73.50	\$ 26,166.00	\$90.00	\$ 32,040.00	\$157.90	\$ 56,212.40
7056001	Type 3 (39") Prestressed Concrete I-Girder	LF	1050.0	\$200.00	\$ 210,000.00	\$175.00	\$ 183,750.00	\$201.00	\$ 211,050.00	\$165.00	\$ 173,250.00	\$186.76	\$ 196,098.00
7061060	Reinforcing Steel (Bridges)	LB	17140.0	\$1.75	\$ 29,995.00	\$1.10	\$ 18,854.00	\$1.40	\$ 23,996.00	\$1.85	\$ 31,709.00	\$1.08	\$ 18,511.20
7123301	Steel Intermediate Diaphragm for P/S Concrete Girders	EA	15.0	\$900.00	\$ 13,500.00	\$475.00	\$ 7,125.00	\$372.00	\$ 5,580.00	\$525.00	\$ 7,875.00	\$531.30	\$ 7,969.50
7123610	Slab Drain	EA	15.0	\$350.00	\$ 5,250.00	\$375.00	\$ 5,625.00	\$417.00	\$ 6,255.00	\$608.00	\$ 9,120.00	\$1,411.30	\$ 21,169.50
7151001	Vertical Drain at End Bents	EA	2.0	\$2,100.00	\$ 4,200.00	\$1,000.00	\$ 2,000.00	\$1,529.00	\$ 3,058.00	\$2,250.00	\$ 4,500.00	\$3,546.40	\$ 7,092.80
7161000	Plain Neoprene Bearing Pad	EA	12.0	\$150.00	\$ 1,800.00	\$175.00	\$ 2,100.00	\$275.00	\$ 3,300.00	\$162.00	\$ 1,944.00	\$288.38	\$ 3,460.56
7161002	Laminated Neoprene Bearing Pad Assembly	EA	24.0	\$250.00	\$ 6,000.00	\$250.00	\$ 6,000.00	\$403.00	\$ 9,672.00	\$350.00	\$ 8,400.00	\$356.95	\$ 8,566.80
				<b>Subtotal =</b>	<b>\$ 787,993.00</b>	<b>Subtotal =</b>	<b>\$ 705,248.00</b>	<b>Subtotal =</b>	<b>\$ 762,914.00</b>	<b>Subtotal =</b>	<b>\$ 806,570.16</b>	<b>Subtotal =</b>	<b>\$ 1,007,468.23</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>													
6206000C	4" White Acrylic Waterborne Pavement Marking Paint, Type P Beads	LF	1030.0	\$1.30	\$ 1,339.00	\$ 0.85	\$ 875.50	\$ 0.85	\$ 875.50	\$ 0.85	\$ 875.50	\$ 0.94	\$ 968.20
6206001C	4" Yellow Acrylic Waterborne Pavement Marking Paint, Type P Beads	LF	1030.0	\$1.30	\$ 1,339.00	\$ 0.85	\$ 875.50	\$ 0.85	\$ 875.50	\$ 0.85	\$ 875.50	\$ 0.94	\$ 968.20
6208065	Temporary Raised Pavement Marker, Type 2	EA	12.0	\$8.00	\$ 96.00	\$ 0.01	\$ 0.12	\$ 50.00	\$ 600.00	\$ 25.00	\$ 300.00	\$ 7.92	\$ 95.04
				<b>Subtotal =</b>	<b>\$ 2,774.00</b>	<b>Subtotal =</b>	<b>\$ 1,751.12</b>	<b>Subtotal =</b>	<b>\$ 2,351.00</b>	<b>Subtotal =</b>	<b>\$ 2,051.00</b>	<b>Subtotal =</b>	<b>\$ 2,031.44</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>													
8051000	SEEDING	ACRE	0.4	\$3500.00	\$ 1,400.00	\$6,800.00	\$ 2,720.00	\$13,500.00	\$ 5,400.00	\$13,500.00	\$ 5,400.00	\$7,480.00	\$ 2,992.00
				<b>Subtotal =</b>	<b>\$ 1,400.00</b>	<b>Subtotal =</b>	<b>\$ 2,720.00</b>	<b>Subtotal =</b>	<b>\$ 5,400.00</b>	<b>Subtotal =</b>	<b>\$ 5,400.00</b>	<b>Subtotal =</b>	<b>\$ 2,992.00</b>

**TOTAL = \$ 1,053,686.00      TOTAL = \$ 939,000.00      TOTAL = \$ 1,039,986.45      TOTAL = \$ 1,063,220.00      TOTAL = \$ 1,419,547.28**