

Project: **DOC SARGENT ROAD BRIDGE REPLACEMENT**
Federal Project #: **STP-5403 (674)**
Bid opening Date: **May 5th, 2020**
Engineer's Estimate: **\$655,046.50**

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ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Engineer Estimate		UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL	UNIT PRICE	SUBTOTAL
				UNIT PRICE	SUBTOTAL								
ROADWAY ITEMS													
201-30.00	Clearing and Grubbing	Acre	0.8	\$18,000.00	\$14,400.00	\$ 8,000.00	\$ 6,400.00	\$ 7,200.00	\$ 5,760.00	\$ 5,500.00	\$ 4,400.00	\$ 3,500.00	\$ 2,800.00
202-20.10	Removal of Improvements	Lump Sum	1	\$8,000.00	\$8,000.00	\$ 17,000.00	\$ 17,000.00	\$ 16,000.00	\$ 16,000.00	\$ 5,500.00	\$ 5,500.00	\$ 15,000.00	\$ 15,000.00
203-10.00	Class A Excavation	Cu. Yard	906	\$20.00	\$18,120.00	\$ 28.00	\$ 25,368.00	\$ 21.00	\$ 19,026.00	\$ 20.00	\$ 18,120.00	\$ 10.00	\$ 9,060.00
203-60.00	Compacting Embankment	Cu. Yard	515	\$15.00	\$7,725.00	\$ 9.00	\$ 4,635.00	\$ 12.00	\$ 6,180.00	\$ 17.00	\$ 8,755.00	\$ 27.00	\$ 13,905.00
206-30.00	Class 3 Excavation	Cu. Yard	20	\$75.00	\$1,500.00	\$ 21.00	\$ 420.00	\$ 65.00	\$ 1,300.00	\$ 24.00	\$ 480.00	\$ 20.00	\$ 400.00
304-05.04	Type 5 Aggregate for Base (4 in. thick)	Sq. Yard	1177	\$7.50	\$8,827.50	\$ 6.50	\$ 7,650.50	\$ 8.00	\$ 9,416.00	\$ 6.60	\$ 7,768.20	\$ 5.45	\$ 6,414.65
401-12.09	Bituminous Pavement Mixture PG64-22 (BP-1)	Tons	130.4	\$90.00	\$11,736.00	\$ 106.00	\$ 13,822.40	\$ 82.10	\$ 10,705.84	\$ 108.00	\$ 14,083.20	\$ 84.00	\$ 10,953.60
401-30.00	Bituminous Pavement Mixture PG64-22 (Base)	Tons	492.5	\$80.00	\$39,400.00	\$ 88.00	\$ 43,340.00	\$ 76.80	\$ 37,824.00	\$ 91.50	\$ 45,063.75	\$ 80.00	\$ 39,400.00
407-10.05	Tack Coat	Gal.	109.0	\$5.00	\$545.00	\$ 6.00	\$ 654.00	\$ 6.00	\$ 654.00	\$ 4.50	\$ 490.50	\$ 6.30	\$ 686.70
504-10.00	Concrete Approach Pavement	Sq. Yard	157.3	\$120.00	\$18,876.00	\$ 110.00	\$ 17,303.00	\$ 80.60	\$ 12,678.38	\$ 116.00	\$ 18,246.80	\$ 125.00	\$ 19,662.50
606-10.10	Guardrail Type A	Linear Foot	100.0	\$25.00	\$2,500.00	\$ 31.00	\$ 3,100.00	\$ 36.00	\$ 3,600.00	\$ 36.00	\$ 3,600.00	\$ 30.00	\$ 3,000.00
606-10.54	Guardrail Type E, 6 Ft. Post, 6 ft-3 in Spacing	Linear Foot	56	\$50.00	\$2,800.00	\$ 55.00	\$ 3,080.00	\$ 45.00	\$ 2,520.00	\$ 45.00	\$ 2,520.00	\$ 49.00	\$ 2,744.00
606-23.00A	Transition Section, 6.5 Ft. Posts	Each	3	\$725.00	\$2,175.00	\$ 400.00	\$ 1,200.00	\$ 125.00	\$ 375.00	\$ 125.00	\$ 375.00	\$ 800.00	\$ 2,400.00
606-24.00	Bridge Anchor Section (Thrie Beam)	Each	4	\$2,250.00	\$9,000.00	\$ 1,900.00	\$ 7,600.00	\$ 3,200.00	\$ 12,800.00	\$ 3,200.00	\$ 12,800.00	\$ 3,260.00	\$ 13,040.00
606-30.15	Type A Crashworthy End Terminal	Each	3	\$2,600.00	\$7,800.00	\$ 2,750.00	\$ 8,250.00	\$ 3,000.00	\$ 9,000.00	\$ 3,000.00	\$ 9,000.00	\$ 3,055.00	\$ 9,165.00
611-30.20	Furnishing Type 2 Rock Blanket	Cu. Yard	551	\$35.00	\$19,285.00	\$ 26.00	\$ 14,326.00	\$ 18.00	\$ 9,918.00	\$ 30.00	\$ 16,530.00	\$ 27.00	\$ 14,877.00
611-30.40	Placing Type 2 Rock Blanket	Cu. Yard	551	\$17.00	\$9,367.00	\$ 15.00	\$ 8,265.00	\$ 16.00	\$ 8,816.00	\$ 45.00	\$ 24,795.00	\$ 35.00	\$ 19,285.00
611-99.05	Rock Blanket Bedding	Sq. Yard	431	\$15.00	\$6,465.00	\$ 16.00	\$ 6,896.00	\$ 19.00	\$ 8,189.00	\$ 23.00	\$ 9,913.00	\$ 38.00	\$ 16,378.00
618-10.00	Mobilization	Lump Sum	1	\$50,000.00	\$50,000.00	\$ 50,000.00	\$ 50,000.00	\$ 73,300.00	\$ 73,300.00	\$ 49,479.35	\$ 49,479.35	\$ 71,850.00	\$ 71,850.00
627-40.00	Contractor Furnished Surveying and Staking	Lump Sum	1	\$6,500.00	\$6,500.00	\$ 5,200.00	\$ 5,200.00	\$ 6,000.00	\$ 6,000.00	\$ 4,320.00	\$ 4,320.00	\$ 5,000.00	\$ 5,000.00
726-10.15	15 in. Pipe Group A	Linear Foot	24	\$175.00	\$4,200.00	\$ 65.00	\$ 1,560.00	\$ 42.00	\$ 1,008.00	\$ 60.00	\$ 1,440.00	\$ 60.00	\$ 1,440.00
726-10.18	18 in. Pipe Group A	Linear Foot	39	\$195.00	\$7,605.00	\$ 70.00	\$ 2,730.00	\$ 47.00	\$ 1,833.00	\$ 50.00	\$ 1,950.00	\$ 30.00	\$ 1,170.00
732-06.15A	15 in. or Allowed Substitute Group A Flared End Section	Each	2	\$500.00	\$1,000.00	\$ 750.00	\$ 1,500.00	\$ 500.00	\$ 1,000.00	\$ 275.00	\$ 550.00	\$ 200.00	\$ 400.00
732-06.18A	18 in. or Allowed Substitute Group A Flared End Section	Each	2	\$550.00	\$1,100.00	\$ 1,000.00	\$ 2,000.00	\$ 525.00	\$ 1,050.00	\$ 315.00	\$ 630.00	\$ 200.00	\$ 400.00
806-10.05	Rock Ditch Check	Linear Foot	50	\$70.00	\$3,500.00	\$ 30.00	\$ 1,500.00	\$ 25.00	\$ 1,250.00	\$ 15.00	\$ 750.00	\$ 29.50	\$ 1,475.00
806-10.19	Silt Fence	Linear Foot	742	\$4.00	\$2,968.00	\$ 4.00	\$ 2,968.00	\$ 4.00	\$ 2,968.00	\$ 2.10	\$ 1,558.20	\$ 4.70	\$ 3,487.40
806-10.50	Type C Berm	Linear Foot	225	\$35.00	\$7,875.00	\$ 40.00	\$ 9,000.00	\$ 40.00	\$ 9,000.00	\$ 34.00	\$ 7,650.00	\$ 47.00	\$ 10,575.00
ROADWAY ITEMS				SUBTOTAL	\$ 273,269.50	SUBTOTAL	\$ 265,767.90	SUBTOTAL	\$ 272,171.22	SUBTOTAL	\$ 270,768.00	SUBTOTAL	\$ 294,968.85
DRAINAGE ITEMS													
206-10.00	Class 1 Excavation	Cu. Yard	108	\$60.00	\$6,480.00	\$ 80.00	\$ 8,640.00	\$ 40.00	\$ 4,320.00	\$ 45.00	\$ 4,860.00	\$ 47.00	\$ 5,076.00
216-05.00	Removal of Bridges	Lump Sum	1	\$12,000.00	\$12,000.00	\$ 11,500.00	\$ 11,500.00	\$ 11,000.00	\$ 11,000.00	\$ 50,000.00	\$ 50,000.00	\$ 32,000.00	\$ 32,000.00
503-10.10A	Bridge Approach Slab (Major Road)	Sq. Yard	136	\$250.00	\$34,000.00	\$ 250.00	\$ 34,000.00	\$ 210.00	\$ 28,560.00	\$ 218.00	\$ 29,648.00	\$ 245.00	\$ 33,320.00
701-12.02	Rock Sockets (2 ft. 0 in. Dia.)	Linear Foot	60	\$450.00	\$27,000.00	\$ 375.00	\$ 22,500.00	\$ 147.00	\$ 8,820.00	\$ 425.00	\$ 25,500.00	\$ 222.00	\$ 13,320.00
701-14.00	Foundation Inspection Holes	Linear Foot	217.5	\$100.00	\$21,750.00	\$ 100.00	\$ 21,750.00	\$ 70.00	\$ 15,225.00	\$ 100.00	\$ 21,750.00	\$ 85.00	\$ 18,487.50
702-12.12	Galvanized Structural Steel Piles (12 in.)	Linear Foot	200	\$55.00	\$11,000.00	\$ 85.00	\$ 17,000.00	\$ 160.00	\$ 32,000.00	\$ 100.00	\$ 20,000.00	\$ 89.00	\$ 17,800.00
702-60.00	Pre-Bore for Piling	Linear Foot	117	\$100.00	\$11,700.00	\$ 160.00	\$ 18,720.00	\$ 109.62	\$ 12,825.54	\$ 225.00	\$ 26,325.00	\$ 116.00	\$ 13,572.00
703-20.03	Class B Concrete (Substructure)	Cu. Yard	29.9	\$680.00	\$20,332.00	\$ 800.00	\$ 23,920.00	\$ 1,355.00	\$ 40,514.50	\$ 900.00	\$ 26,910.00	\$ 950.00	\$ 28,405.00
703-42.21	Slab on Concrete NU-Girder	Sq. Yard	267	\$320.00	\$85,440.00	\$ 400.00	\$ 106,800.00	\$ 365.00	\$ 97,455.00	\$ 400.00	\$ 106,800.00	\$ 560.00	\$ 149,520.00
705-60.21	NU 35, Prestressed Concrete NU-Girder	Linear Foot	283	\$275.00	\$77,825.00	\$ 265.00	\$ 74,995.00	\$ 300.00	\$ 84,900.00	\$ 250.00	\$ 70,750.00	\$ 310.00	\$ 87,730.00
713-40.00	Bridge Guardrail (Thrie Beam)	Linear Foot	175	\$280.00	\$49,000.00	\$ 155.00	\$ 27,125.00	\$ 185.00	\$ 32,375.00	\$ 195.00	\$ 34,125.00	\$ 200.00	\$ 35,000.00
715-10.01	Vertical Drain at End Bents	Each	2	\$2,300.00	\$4,600.00	\$ 2,500.00	\$ 5,000.00	\$ 2,300.00	\$ 4,600.00	\$ 900.00	\$ 1,800.00	\$ 825.00	\$ 1,650.00
716-10.02	Laminated Neoprene Bearing Pad	Each	8	\$225.00	\$1,800.00	\$ 350.00	\$ 2,800.00	\$ 160.00	\$ 1,280.00	\$ 205.00	\$ 1,640.00	\$ 440.00	\$ 3,520.00
TRAFFIC SIGNAL & STRIPING ITEMS				SUBTOTAL	\$362,927.00	SUBTOTAL	\$ 374,750.00	SUBTOTAL	\$ 373,875.04	SUBTOTAL	\$ 420,108.00	SUBTOTAL	\$ 439,400.50
SIGNING/STRIPING ITEMS													
616-10.05	Construction Signs	Sq. Foot	350	\$10.00	\$3,500.00	\$ 6.00	\$ 2,100.00	\$ 6.00	\$ 2,100.00	\$ 6.00	\$ 2,100.00	\$ 6.20	\$ 2,170.00
616-10.10	Relocated Signs	Sq. Foot	13	\$130.00	\$1,730.00	\$ 8.00	\$ 104.00	\$ 8.00	\$ 104.00	\$ 8.00	\$ 104.00	\$ 8.15	\$ 105.95
616-10.25	Channelizer (Trim Line)	Each	20	\$20.00	\$400.00	\$ 18.00	\$ 360.00	\$ 18.00	\$ 360.00	\$ 18.00	\$ 360.00	\$ 18.50	\$ 370.00
616-1098A	Changeable Message Sign Without Communication Interface,	Each	2	\$3,700.00	\$7,400.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,100.00	\$ 6,200.00
616-10.31	Type III Moveable Barricade with Light	Each	4	\$225.00	\$900.00	\$ 160.00	\$ 640.00	\$ 160.00	\$ 640.00	\$ 160.00	\$ 640.00	\$ 163.00	\$ 652.00
620-60.00C	4 in. White Waterborne Pavement Marking Paint, Type P Beads	Linear Foot	880	\$2.00	\$1,760.00	\$ 0.75	\$ 660.00	\$ 0.75	\$ 660.00	\$ 0.75	\$ 660.00	\$ 0.77	\$ 677.60
620-60.01C	4 in. Yellow Waterborne Pavement Marking Paint, Type P Beads	Linear Foot	880	\$2.00	\$1,760.00	\$ 0.75	\$ 660.00	\$ 0.75	\$ 660.00	\$ 0.75	\$ 660.00	\$ 0.77	\$ 677.60
LIGHTING ITEMS				SUBTOTAL	\$15,850.00	SUBTOTAL	\$ 10,524.00	SUBTOTAL	\$ 10,524.00	SUBTOTAL	\$ 10,524.00	SUBTOTAL	\$ 10,853.15
ROADSIDE ITEMS													
805-10.00A	Seeding - Cool Season Mixtures	Acre	0.4	\$7,500.00	\$3,000.00	\$ 8,000.00	\$ 3,200.00	\$ 7,000.00	\$ 2,800.00	\$ 9,000.00	\$ 3,600.00	\$ 8,500.00	\$ 3,400.00
PEDESTIRAN FACILITIES ITEMS				SUBTOTAL	\$3,000.00	SUBTOTAL	\$ 3,200.00	SUBTOTAL	\$ 2,800.00	SUBTOTAL	\$ 3,600.00	SUBTOTAL	\$ 3,400.00
PROJECT TOTAL					\$655,046.50	\$ 654,241.90		\$ 659,370.26		\$ 705,000.00		\$ 748,622.50	