

				Engineer's Estimate		United Ironworkers 5656 State Route 4 PO Box 186, Steeleville, IL 62288		Gershenson Construction 2 Truitt Dr. Eureka, MO 63025		R. V. Wagner 4712 Green Park Rd. St. Louis, MO 63123		Kozeny-Wagener, Inc. 951 West Outer Road Arnold, MO 63010		Concrete Strategies LLC 2199 Innerbelt Business Center Drive St. Louis, MO 63114	
Item No.	Item Description	Unit	Quantity	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount	Unit Price	Amount
<b>ROADWAY ITEMS</b>															
2013000	Clearing and Grubbing	Acre	1.6	\$3,000.00	\$4,800.00	\$2,900.00	\$4,640.00	\$7,210.00	\$11,536.00	\$8,061.79	\$12,898.86	\$3,090.00	\$4,944.00	\$6,367.97	\$10,188.75
2022010	Removal of Improvements	L.S.	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$12,000.00	\$12,000.00	\$10,365.15	\$10,365.15	\$2,512.00	\$2,512.00	\$30,872.89	\$30,872.89
2031000	Class A Excavation	Cu. Yd.	1321	\$7.00	\$9,247.00	\$16.00	\$21,136.00	\$12.40	\$16,380.40	\$13.82	\$18,256.22	\$14.50	\$19,154.50	\$21.88	\$28,903.48
2032000	Class C Excavation	Cu. Yd.	47	\$100.00	\$4,700.00	\$46.00	\$2,162.00	\$75.00	\$3,525.00	\$86.38	\$4,059.86	\$37.10	\$1,743.70	\$71.39	\$3,355.33
2036000	Compacting Embankment	Cu. Yd.	560	\$3.00	\$1,680.00	\$8.00	\$4,480.00	\$2.05	\$1,148.00	\$2.30	\$1,288.00	\$3.30	\$1,848.00	\$26.75	\$14,980.00
2059999	Subgrade Repair	Sq. Yd.	550	\$10.00	\$5,500.00	\$8.74	\$4,807.00	\$5.00	\$2,750.00	\$15.91	\$8,750.50	\$22.40	\$12,320.00	\$29.84	\$16,412.00
2065500	Temporary Shoring	L.S.	1	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$1.00	\$1.00	\$7,601.11	\$7,601.11	\$10,948.00	\$10,948.00	\$21,922.49	\$21,922.49
2142000	Furnishing Rock Fill	Cu. Yd.	1610	\$20.00	\$32,200.00	\$15.50	\$24,955.00	\$15.70	\$25,277.00	\$17.39	\$27,997.90	\$21.40	\$34,454.00	\$19.62	\$31,588.20
2143000	Placing Rock Fill	Cu. Yd.	1610	\$12.00	\$19,320.00	\$6.15	\$9,901.50	\$5.15	\$8,291.50	\$5.76	\$9,273.60	\$5.60	\$9,016.00	\$12.00	\$19,320.00
3040504	Type 5 Aggregate (4" Thick)	Sq. Yd.	2885	\$4.50	\$12,982.50	\$5.85	\$16,877.25	\$5.25	\$15,146.25	\$6.74	\$19,444.90	\$4.20	\$12,117.00	\$6.45	\$18,608.25
4011209	Bituminous Pavement Mixture PG64-22, (BP-1)	Ton	398	\$65.00	\$25,870.00	\$75.10	\$29,889.80	\$68.00	\$27,064.00	\$86.92	\$34,594.16	\$70.60	\$28,098.80	\$82.74	\$32,930.52
4013000	Bituminous Pavement Mixture PG64-22 (Base)	Ton	1120	\$65.00	\$72,800.00	\$64.07	\$71,758.40	\$63.20	\$70,784.00	\$74.21	\$83,115.20	\$64.30	\$72,016.00	\$70.59	\$79,060.80
4071005	Tack Coat	Gal	170	\$3.00	\$510.00	\$2.43	\$413.10	\$1.00	\$170.00	\$2.80	\$476.00	\$4.50	\$765.00	\$2.68	\$455.60
6061050	Guardrail Type E, 3'-1.5" Spacing	Lin. Ft.	47	\$50.00	\$2,350.00	\$42.00	\$1,974.00	\$40.00	\$1,880.00	\$48.37	\$2,273.39	\$40.00	\$1,880.00	\$46.28	\$2,175.16
6062300	Transition Section	Each	3	\$325.00	\$975.00	\$400.00	\$1,200.00	\$350.00	\$1,050.00	\$460.67	\$1,382.01	\$350.00	\$1,050.00	\$440.69	\$1,322.07
6062400	Bridge Anchor Section (Thrie Beam)	Each	3	\$1,800.00	\$5,400.00	\$1,950.00	\$5,850.00	\$1,900.00	\$5,700.00	\$2,245.78	\$6,737.34	\$1,900.00	\$5,700.00	\$2,148.33	\$6,444.99
6063015	Type A Crashworthy End Terminal	Each	3	\$2,200.00	\$6,600.00	\$1,950.00	\$5,850.00	\$1,950.00	\$5,850.00	\$2,245.78	\$6,737.34	\$1,950.00	\$5,850.00	\$2,148.33	\$6,444.99
6113010	Furnishing Type 1 Rock Blanket	Cu. Yd.	330	\$25.00	\$8,250.00	\$19.50	\$6,435.00	\$32.00	\$10,560.00	\$32.25	\$10,642.50	\$27.80	\$9,174.00	\$33.67	\$11,111.10
6113030	Placing Type 1 Rock Blanket	Cu. Yd.	330	\$25.00	\$8,250.00	\$19.50	\$6,435.00	\$18.00	\$5,940.00	\$17.28	\$5,702.40	\$11.00	\$3,630.00	\$17.63	\$5,817.90
6161005	Mobilization	L.S.	1	\$60,000.00	\$60,000.00	\$28,000.00	\$28,000.00	\$53,000.00	\$53,000.00	\$50,092.03	\$50,092.03	\$42,846.00	\$42,846.00	\$54,307.63	\$54,307.63
6240103A	Permanent Erosion Control Geotextile	Sq.Yd.	500	\$3.50	\$1,750.00	\$2.50	\$1,250.00	\$3.10	\$1,550.00	\$3.46	\$1,730.00	\$5.05	\$2,525.00	\$2.68	\$1,340.00
6274000	Contractor Furnished Surveying & Staking	L.S.	1	\$3,500.00	\$3,500.00	\$3,600.00	\$3,600.00	\$5,200.00	\$5,200.00	\$3,339.88	\$3,339.88	\$3,000.00	\$3,000.00	\$5,508.56	\$5,508.56
7250318A	18" Pipe Group B	Lin. Ft.	22	\$50.00	\$1,100.00	\$34.00	\$748.00	\$53.00	\$1,166.00	\$101.16	\$2,225.52	\$58.60	\$1,289.20	\$64.61	\$1,421.42
7250324A	24" Pipe Group B	Lin. Ft.	52	\$55.00	\$2,860.00	\$41.00	\$2,132.00	\$54.00	\$2,808.00	\$66.04	\$3,434.08	\$64.20	\$3,338.40	\$69.92	\$3,635.84
7320018A	18" or Allowed Substitute Group B Flared End Section	Each	2	\$200.00	\$400.00	\$185.00	\$370.00	\$530.00	\$1,060.00	\$102.50	\$205.00	\$782.00	\$1,564.00	\$336.64	\$673.28
7320024A	24" or Allowed Substitute Group B Flared End Section	Each	4	\$250.00	\$1,000.00	\$250.00	\$1,000.00	\$600.00	\$2,400.00	\$198.09	\$792.36	\$863.00	\$3,452.00	\$214.23	\$856.92
8061019	Silt Fence	Lin. Ft.	1972	\$2.10	\$4,141.20	\$2.80	\$5,521.60	\$2.60	\$5,127.20	\$3.46	\$6,823.12	\$2.25	\$4,437.00	\$2.81	\$5,541.32
8061021	Type I Ditch Check	Each	6	\$200.00	\$1,200.00	\$120.00	\$720.00	\$90.00	\$540.00	\$230.34	\$1,382.04	\$90.00	\$540.00	\$174.14	\$1,044.84
8061022	Type II Ditch Check	Each	3	\$500.00	\$1,500.00	\$200.00	\$600.00	\$145.00	\$435.00	\$230.34	\$691.02	\$145.00	\$435.00	\$213.41	\$640.23
Subtotal Roadway Items:				\$308,885.70		\$268,705.65		\$298,339.35		\$342,311.49		\$300,647.60		\$416,884.56	
<b>BRIDGE ITEMS</b>															
2160500	Removal of Bridges	L.S.	1	\$5,720.00	\$5,720.00	\$3,500.00	\$3,500.00	\$9,000.00	\$9,000.00	\$5,758.42	\$5,758.42	\$10,334.00	\$10,334.00	\$21,717.10	\$21,717.10
5031010	Bridge Approach Slab (Bridge)	Sq. Yd.	167	\$190.00	\$31,730.00	\$200.00	\$33,400.00	\$243.00	\$40,581.00	\$130.00	\$21,710.00	\$270.00	\$45,090.00	\$323.48	\$54,021.16
7021010	Structural Steel Piles ( 10 inch)	Lin. Ft.	143	\$60.00	\$8,580.00	\$85.00	\$12,155.00	\$53.20	\$7,607.60	\$30.56	\$4,370.08	\$46.00	\$6,578.00	\$71.82	\$10,270.26

7029902	Setting Piles in Rock (Special Provision Required)	Each	11	\$1,000.00	\$11,000.00	\$1,564.00	\$17,204.00	\$2,125.00	\$23,375.00	\$1,400.61	\$15,406.71	\$2,445.00	\$26,895.00	\$3,684.18	\$40,525.98
7032003	Class B Concrete (Substructure)	Cu. Yd.	42	\$650.00	\$27,300.00	\$420.00	\$17,640.00	\$553.00	\$23,226.00	\$1,045.76	\$43,921.92	\$1,023.00	\$42,966.00	\$471.31	\$19,795.02
7034213	Slab on Concrete I-Girder	Sq. Yd.	305	\$220.00	\$67,100.00	\$285.00	\$86,925.00	\$365.00	\$111,325.00	\$331.92	\$101,235.60	\$330.00	\$100,650.00	\$536.75	\$163,708.75
7056001	Type 3 (39") Prestressed Concrete I-Girder	Lin. Ft.	468	\$185.00	\$86,580.00	\$140.00	\$65,520.00	\$146.00	\$68,328.00	\$129.21	\$60,470.28	\$155.00	\$72,540.00	\$141.20	\$66,081.60
7123301	Steel Intermediate Diaphragm for P/S Girders	Each	10	\$250.00	\$2,500.00	\$388.00	\$3,880.00	\$380.00	\$3,800.00	\$699.40	\$6,994.00	\$1,048.00	\$10,480.00	\$585.99	\$5,859.90
7134000	Bridge Guard Rail (Thrie Beam)	Lin. Ft.	207	\$165.00	\$34,155.00	\$145.00	\$30,015.00	\$130.00	\$26,910.00	\$166.99	\$34,566.93	\$130.00	\$26,910.00	\$181.99	\$37,671.93
7151001	Vertical Drain at End Bents	Each	2	\$2,000.00	\$4,000.00	\$1,000.00	\$2,000.00	\$1,140.00	\$2,280.00	\$1,438.56	\$2,877.12	\$1,657.00	\$3,314.00	\$1,251.97	\$2,503.94
7161000	Plain Neoprene Bearing Pad	Each	12	\$150.00	\$1,800.00	\$110.00	\$1,320.00	\$135.00	\$1,620.00	\$159.56	\$1,914.72	\$168.00	\$2,016.00	\$148.89	\$1,786.68

Subtotal Bridge Items:	\$280,465.00	\$273,559.00	\$318,052.60	\$299,225.78	\$347,773.00	\$423,942.32
------------------------	--------------	--------------	--------------	--------------	--------------	--------------

**SIGNING/STRIPING ITEMS**

6161005	Construction Signs	Sq. Ft.	144	\$12.00	\$1,728.00	\$12.00	\$1,728.00	\$12.00	\$1,728.00	\$13.82	\$1,990.08	\$12.00	\$1,728.00	\$13.23	\$1,905.12
6206000B	4" White Acrylic Waterborne Pavement Marking Paint	Lin. Ft.	2000	\$1.00	\$2,000.00	\$0.30	\$600.00	\$0.30	\$600.00	\$0.35	\$700.00	\$0.30	\$600.00	\$0.34	\$680.00
6206001B	4" Yellow Acrylic Waterborne Pavement Marking Paint	Lin. Ft.	2000	\$1.00	\$2,000.00	\$0.30	\$600.00	\$0.30	\$600.00	\$0.35	\$700.00	\$0.30	\$600.00	\$0.34	\$680.00
6208065	Temporary Raised Pavement Marker, Type 2	Lin. Ft.	25	\$3.00	\$75.00	\$5.00	\$125.00	\$1.00	\$25.00	\$1.00	\$25.00	\$5.00	\$125.00	\$4.41	\$110.25

Subtotal Striping Items:	\$5,803.00	\$3,053.00	\$2,953.00	\$3,415.08	\$3,053.00	\$3,375.37
--------------------------	------------	------------	------------	------------	------------	------------

**LANDSCAPING ITEMS**

8051000	Seeding	Acre	1.6	\$ 3,500.00	\$5,600.00	\$2,850.00	\$4,560.00	\$2,200.00	\$3,520.00	\$4,779.49	\$7,647.18	\$2,200.00	\$3,520.00	\$1,721.42	\$2,754.27
					Subtotal Landscaping Items:										

**Total Bid:**

\$600,753.70
--------------

on bid \$549,877.70
---------------------

\$549,877.65
--------------

on bid \$549,877.70
---------------------

\$622,864.95
--------------

on bid \$652,599.41
---------------------

\$652,599.54
--------------

\$654,993.60
--------------

on bid \$654,894.60
---------------------

\$846,956.52
--------------

on bid \$846,956.50
---------------------