

April 7, 2022

T19-515

Major Thoroughfare Committee
City of Tupelo
71 East Troy Street
Tupelo, MS 38804
Attention: Dennis Bonds

RE: EASON BOULEVARD IMPROVEMENTS (VETERANS – BRIAR RIDGE)

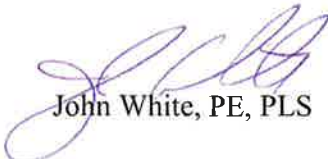
Following the receipt and opening of bids on the captioned project, we have checked and tabulated the bids. A copy of the Bid Tabulation is enclosed.

You will note that Cook & Son, LLC. of Smithville, MS, submitted the lowest bid in the amount of \$4,102,161.63.

The Engineers estimate was \$4,088,784.80. Based on these prices we recommend awarding the contract to the low bidder.

Those in attendance at the bid opening were:

John White	Engineering Solutions, Inc.
Dennis Bonds	City of Tupelo
Jennifer Shempert	City of Tupelo
Ben Logan	City of Tupelo
Stephen Reed	City of Tupelo
Allen Tatum	Phillips Contracting Co., Inc
Kendyll Donahue	Cook & Son, LLC
Terry Ausbern	Ausbern Construction
Jonathan Mitchell	Century Construction


John White, PE, PLS

TABULATION OF BIDS
 Eason Boulevard Improvements (Veterans to Briar Ridge)
 City of Tupelo, MS
 Project No. T19-515

BIDS RECEIVED
 April 07, 2022 @ 10:00 am

Pay Item No.	Item	Quantity	Units	Engineer Estimate			Cook & Sons			Century Construction			Phillips Contracting		
				Unit Costs	Item Total	Item Total	Unit Costs	Item Total	Unit Costs	Item Total	Unit Costs	Item Total	Unit Costs	Item Total	
1	Clearing and Grubbing	1	LS	\$50,000.00	\$50,000.00	\$5,000.00	\$5,000.00	\$54,000.00	\$44,000.00	\$44,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	
2	Removal of Concrete	423	SY	\$12.00	\$5,076.00	\$10.00	\$4,230.00	\$13.90	\$5,879.70	\$19.00	\$8,037.00	\$19.00	\$8,037.00		
3	Removal of Headwall & FES	11	EA	\$2,500.00	\$27,500.00	\$500.00	\$5,500.00	\$1,382.00	\$15,202.00	\$600.00	\$6,600.00	\$600.00	\$6,600.00		
4	Removal of Rip Rap	84	SY	\$25.00	\$2,100.00	\$20.00	\$1,680.00	\$38.00	\$3,192.00	\$42.00	\$3,528.00	\$42.00	\$3,528.00		
5	Replacement of Mailbox	17	EA	\$350.00	\$5,950.00	\$250.00	\$4,250.00	\$201.03	\$3,417.51	\$150.00	\$2,550.00	\$150.00	\$2,550.00		
6	Removal of inlets	4	EA	\$800.00	\$3,200.00	\$600.00	\$2,400.00	\$1,254.50	\$5,018.00	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00		
7	Removal of Asphalt Pavement	6,075	SY	\$10.00	\$60,750.00	\$10.00	\$60,750.00	\$3.91	\$23,753.25	\$16.00	\$97,200.00	\$16.00	\$97,200.00		
8	Removal of Curb & Gutter	46	LF	\$10.00	\$460.00	\$10.00	\$460.00	\$15.11	\$695.06	\$20.00	\$920.00	\$20.00	\$920.00		
9	Removal of Pipes (All Types)	616	LF	\$20.00	\$12,320.00	\$10.00	\$6,160.00	\$18.12	\$11,161.92	\$27.00	\$16,632.00	\$27.00	\$16,632.00		
10	Relocation of Sign	18	EA	\$2,500.00	\$45,000.00	\$1,500.00	\$27,000.00	\$1,620.00	\$29,170.00	\$2,000.00	\$36,000.00	\$2,000.00	\$36,000.00		
11	Relocation of Fire Hydrant	1	EA	\$600.00	\$600.00	\$3,500.00	\$3,500.00	\$5,584.36	\$7,850.00	\$7,850.00	\$7,850.00	\$7,850.00			
12	Removal of Trees	13	EA	\$600.00	\$7,800.00	\$1,063.00	\$13,819.00	\$1,324.53	\$17,218.89	\$1,000.00	\$13,000.00	\$1,000.00	\$13,000.00		
13	Cold Milling Of Bituminous Pavement, All Depths	13,621	SY	\$204.315	\$2,780,000.00	\$4.00	\$54,484.00	\$2.64	\$35,959.44	\$6.00	\$81,726.00	\$6.00	\$81,726.00		
14	Borrow Excavation, AH, FME, Class B9	7,073	CY	\$15.00	\$106,095.00	\$14.00	\$99,022.00	\$15.87	\$112,248.51	\$25.15	\$177,885.95	\$25.15	\$177,885.95		
15	Unclassified Excavation, FM, AH	6,841	CY	\$9.00	\$61,569.00	\$9.00	\$61,569.00	\$6.91	\$47,271.31	\$26.70	\$182,654.70	\$26.70	\$182,654.70		
16	Solid Sodding, All Types	9,000	SY	\$5.00	\$45,000.00	\$4.00	\$36,000.00	\$4.32	\$38,880.00	\$4.75	\$42,750.00	\$4.75	\$42,750.00		
17	Grassing	2	AC	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$2,160.00	\$4,320.00	\$4,150.00	\$8,300.00	\$4,150.00	\$8,300.00		
18	Watering	101	AC	\$20.00	\$2,020.00	\$20.00	\$2,020.00	\$21.61	\$2,182.61	\$24.00	\$2,424.00	\$24.00	\$2,424.00		
19	Mowing	8	AC	\$350.00	\$2,800.00	\$350.00	\$2,800.00	\$270.10	\$2,160.80	\$300.00	\$2,400.00	\$300.00	\$2,400.00		
20	Temporary Silt Fence	8,642	LF	\$5.00	\$43,210.00	\$3.25	\$28,066.50	\$3.51	\$30,333.42	\$4.75	\$41,049.50	\$4.75	\$41,049.50		
21	Wattles, 12"	970	LF	\$5.00	\$4,850.00	\$6.00	\$5,820.00	\$6.48	\$6,285.60	\$9.50	\$9,245.00	\$9.50	\$9,245.00		
22	Select Borrow	3,192	SY	\$15.00	\$47,880.00	\$14.00	\$44,688.00	\$17.15	\$54,742.80	\$25.15	\$80,278.80	\$25.15	\$80,278.80		
23	Granular Material, Crushed Stone	23	CY	\$75.00	\$1,725.00	\$65.00	\$1,500.00	\$69.71	\$1,603.35	\$80.00	\$1,840.00	\$80.00	\$1,840.00		
24	Granular Material, Clay Gravel	175	CY	\$45.00	\$7,875.00	\$35.00	\$6,125.00	\$35.05	\$6,133.75	\$65.00	\$11,375.00	\$65.00	\$11,375.00		
25	Geotextile Fabric	16,413	SY	\$2.50	\$41,032.50	\$2.00	\$32,826.00	\$2.83	\$46,448.79	\$3.50	\$57,445.50	\$3.50	\$57,445.50		
26	Hot Mix Asphalt, MT, 12.5-mm Mixture	1,876	TON	\$135.00	\$253,260.00	\$135.00	\$253,260.00	\$182.91	\$343,139.16	\$190.00	\$356,440.00	\$190.00	\$356,440.00		
27	Hot Mix Asphalt, MT, 19-mm Mixture	4,994	TON	\$135.00	\$674,190.00	\$135.00	\$674,190.00	\$167.14	\$835,127.16	\$186.00	\$925,884.00	\$186.00	\$925,884.00		
28	Hot Mix Asphalt, MT, 9.5-mm Mixture	3,972	TON	\$135.00	\$536,220.00	\$135.00	\$536,220.00	\$180.32	\$716,231.04	\$191.00	\$758,832.00	\$191.00	\$758,832.00		
29	Class "B" Structural Concrete, Minor Structures, Per Plans	144	CY	\$1,750.00	\$252,000.00	\$1,500.00	\$216,000.00	\$2,180.19	\$315,387.36	\$2,000.00	\$288,000.00	\$2,000.00	\$288,000.00		
30	Class "B" Structural Concrete, Per Plans	30	CY	\$1,250.00	\$37,500.00	\$1,600.00	\$48,000.00	\$1,934.42	\$58,032.60	\$2,800.00	\$84,000.00	\$2,800.00	\$84,000.00		
31	Reinforcing Steel	13,930	LB	\$2.00	\$27,860.00	\$1.85	\$25,690.80	\$1.49	\$20,755.70	\$1.40	\$19,502.00	\$1.40	\$19,502.00		
32	18" Reinforced Concrete Pipe, Class III	4,166	LF	\$50.00	\$208,300.00	\$42	\$173,950.50	\$68.36	\$285,107.76	\$51.50	\$214,029.00	\$51.50	\$214,029.00		
33	24" Reinforced Concrete Pipe, Class III	274	LF	\$100.00	\$27,400.00	\$53	\$14,591.60	\$23.774	\$6,517.47	\$95.15	\$26,071.10	\$95.15	\$26,071.10		
34	36" Reinforced Concrete Pipe, Class III	95	LF	\$25.00	\$2,375.00	\$19.15	\$1,819.25	\$13.96	\$1,326.70	\$18.50	\$1,757.50	\$18.50	\$1,757.50		
35	18" Reinforced Concrete Flared End Section, Class III	4	EA	\$4,000.00	\$16,000.00	\$1,428.76	\$5,715.04	\$4,571.04	\$18,284.16	\$1,100.00	\$4,400.00	\$1,100.00	\$4,400.00		
36	24" Reinforced Concrete Flared End Section, Class III	2	EA	\$2,500.00	\$5,000.00	\$2,462.20	\$4,924.40	\$2,492.40	\$4,984.80	\$2,200.00	\$4,400.00	\$2,200.00	\$4,400.00		
37	36" Reinforced Concrete Flared End Section, Class III	4	EA	\$1,900.00	\$7,600.00	\$1,790.00	\$7,160.00	\$1,740.42	\$6,961.68	\$1,900.00	\$7,600.00	\$1,900.00	\$7,600.00		
38	Castings	3,985	LB	\$2.50	\$9,962.50	\$3.00	\$11,955.00	\$4.45	\$17,733.25	\$5.00	\$19,925.00	\$5.00	\$19,925.00		
39	Gratings	1,000	LB	\$2.50	\$2,500.00	\$3.00	\$3,000.00	\$3.41	\$3,410.00	\$4.00	\$4,000.00	\$4.00	\$4,000.00		
40	Geotextile Fabric for Subsurface Drainage, Type III	5,517	SY	\$2.50	\$13,792.50	\$2.00	\$11,034.00	\$3.48	\$19,199.16	\$3.50	\$19,309.50	\$3.50	\$19,309.50		
41	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	484	CY	\$45.00	\$21,780.00	\$35.00	\$16,940.00	\$70.65	\$34,291.40	\$35.00	\$16,940.00	\$35.00	\$16,940.00		
42	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	616	CY	\$25.00	\$15,400.00	\$25.00	\$15,400.00	\$26.34	\$16,254.44	\$30.00	\$18,480.00	\$30.00	\$18,480.00		
43	Combination Curb and Gutter, Type 2 Modified	6,669	LF	\$25.00	\$166,725.00	\$24.50	\$163,390.50	\$26.87	\$179,148.43	\$27.00	\$180,000.00	\$27.00	\$180,000.00		
44	Adjustment of Utility Appurtenance	9	EA	\$350.00	\$3,150.00	\$2,000.00	\$7,000.00	\$1,440.07	\$12,960.63	\$1,000.00	\$9,000.00	\$1,000.00	\$9,000.00		
45	Concrete Driveway, With Reinforcement	1,021	CY	\$65.00	\$66,365.00	\$98.50	\$100,552.50	\$104.28	\$106,449.48	\$108.00	\$110,208.00	\$108.00	\$110,208.00		
46	Maintenance of Traffic	1	LS	\$130,000.00	\$130,000.00	\$92,750.00	\$92,750.00	\$135,000.00	\$135,000.00	\$110,000.00	\$110,000.00	\$110,000.00			
47	Standard Construction Signs	1	SF	\$10.00	\$10.00	\$10.00	\$10.00	\$10.80	\$10.80	\$12.00	\$12.00	\$12.00			
48	Standard Roadside Construction Signs, Less than 10 Square Feet	189	SF	\$152.00	\$28,716.00	\$10.00	\$1,890.00	\$10.80	\$2,041.20	\$12.00	\$2,268.00	\$12.00	\$2,268.00		
49	Standard Roadside Construction Signs, 10 Square Feet or More	40	SF	\$80.00	\$3,200.00	\$10.00	\$400.00	\$10.80	\$432.00	\$12.00	\$480.00	\$12.00	\$480.00		
50	Barriercades, Type III, Single Faced	48	SF	\$15.00	\$720.00	\$28.00	\$1,344.00	\$19.45	\$933.60	\$31.00	\$1,488.00	\$31.00	\$1,488.00		
51	Mobilization	1	LS	\$300,000.00	\$300,000.00	\$449,464.48	\$449,464.48	\$480,000.00	\$480,000.00	\$410,000.00	\$410,000.00	\$410,000.00			
52	Temporary Traffic Stripe, Skip Yellow	13,830	LF	\$0.35	\$4,840.50	\$0.35	\$4,840.50	\$0.38	\$5,255.40	\$0.41	\$5,670.30	\$0.41	\$5,670.30		
53	Temporary Edge Stripe, Edge White	19,580	LF	\$0.35	\$6,853.00	\$0.35	\$6,853.00	\$0.38	\$7,440.40	\$0.41	\$8,027.80	\$0.41	\$8,027.80		
54	Temporary Traffic Stripe, Continuous Yellow	13,910	LF	\$0.35	\$4,868.50	\$0.35	\$4,868.50	\$0.38	\$5,285.80	\$0.41	\$5,703.10	\$0.41	\$5,703.10		
55	Temporary Detail Stripe, Detail White	2,570	LF	\$0.35	\$899.50	\$0.35	\$899.50	\$0.38	\$976.60	\$0.41	\$1,063.70	\$0.41	\$1,063.70		
56	Temporary Detail Stripe, Detail Yellow	10,450	LF	\$0.35	\$3,658.50	\$0.35	\$3,658.50	\$0.38	\$3,959.40	\$0.41	\$4,260.30	\$0.41	\$4,260.30		
57	Temporary Traffic Stripe, Skip White	14,460	LF	\$0.35	\$5,061.00	\$0.35	\$5,061.00	\$0.38	\$5,493.40	\$0.41	\$5,925.90	\$0.41	\$5,925.90		
58	Temporary Legend White, Stop Bar	360	LF	\$1.50	\$540.00	\$1.50	\$540.00	\$1.62	\$583.20	\$1.80	\$648.00	\$1.80	\$648.00		
59	Temporary Legend White	1,950	SF	\$3.00	\$5,850.00	\$2.50	\$4,875.00	\$2.70	\$5,265.00	\$3.00	\$5,850.00	\$3.00	\$5,850.00		
60	Thermoplastic Traffic Stripe, Skin Yellow	6,914	LF	\$0.80	\$5,531.20	\$0.80	\$5,531.20	\$0.85	\$5,874.60	\$0.71	\$4,908.94	\$0.71	\$4,908.94		
61	Thermoplastic Edge Stripe, Edge White	9,789	LF	\$0.80	\$7,831.20	\$0.80	\$7,831.20	\$0.85	\$8,311.20	\$1.20	\$11,746.80	\$1.20	\$11,746.80		
62	Thermoplastic Traffic Stripe, Continuous Yellow	6,952	LF	\$0.80	\$5,561.60	\$0.80	\$5,561.60	\$0.85	\$5,885.20	\$1.20	\$8,342.40	\$1.20	\$8,342.40		
63	Thermoplastic Detail Stripe, Detail White	1,285	LF	\$1.50	\$1,927.50	\$2.50	\$3,212.50	\$2.70	\$3,469.50	\$3.00	\$3,855.00	\$3.00	\$3,855.00		
64	Thermoplastic Detail Stripe, Detail Yellow	5,213	LF	\$1.50	\$7,819.50	\$2.50	\$13,032.50	\$2.70	\$14,075.10	\$3.00	\$15,639.00	\$3.00	\$15,639.00		

65	6"	Thermoplastic Traffic Stripe, Skip White	7-230	LF	\$0.50	\$3,615.00	\$0.60	\$4,338.00	\$0.65	\$4,699.50	\$0.71	\$5,133.30
66		Thermoplastic Legend, White (Stop Bar)	179	LF	\$3.00	\$537.00	\$4.50	\$805.50	\$4.96	\$869.94	\$5.40	\$966.60
67		Thermoplastic Legend, White	973	SF	\$8.00	\$7,864.00	\$10.00	\$9,720.00	\$10.90	\$10,508.40	\$11.85	\$11,536.05
68		Traffic Signs	18	EA	\$250.00	\$4,500.00	\$400.00	\$7,200.00	\$452.16	\$7,778.88	\$475.00	\$8,550.00
69		Roadway Construction Stakes	1	LS	\$35,000.00	\$35,000.00	\$1.00	\$40,000.00	\$40,000.00	\$40,000.00	\$25,000.00	\$25,000.00
70		Flowable Fill	10	CY	\$300.00	\$3,000.00	\$200.00	\$2,000.00	\$266.63	\$2,666.30	\$325.00	\$3,250.00
71		Rip Rap 200#	100	TON	\$50.00	\$5,000.00	\$45.00	\$4,500.00	\$54.12	\$5,412.00	\$60.00	\$6,000.00
72		Right-of-Way Markers	20	EA	\$250.00	\$5,000.00	\$200.00	\$4,000.00	\$287.36	\$5,747.20	\$500.00	\$10,000.00
Traffic Signal Items												
73		Removal of Existing Signal Items	1	EA	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$18,826.13	\$18,826.13	\$4,375.00	\$4,375.00
74		2" PVC Pipe	136	LF	\$18.75	\$2,550.00	\$12.00	\$1,632.00	\$12.96	\$1,762.56	\$15.00	\$2,040.00
75		3" Bored Roll Pipe	160	LF	\$20.00	\$3,200.00	\$30.00	\$4,800.00	\$32.41	\$5,185.60	\$37.50	\$6,000.00
76		Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 35' Arm	1	EA	\$20,000.00	\$20,000.00	\$18,250.00	\$18,250.00	\$19,717.90	\$19,717.90	\$22,900.00	\$22,900.00
77		Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 45' Arm	1	EA	\$25,000.00	\$25,000.00	\$19,735.00	\$19,735.00	\$21,921.89	\$21,921.89	\$24,700.00	\$24,700.00
78		Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 45' Arm & 70' Arm	1	EA	\$25,000.00	\$25,000.00	\$38,477.00	\$38,477.00	\$41,970.53	\$41,970.53	\$46,100.00	\$46,100.00
79		Pole Foundation, Class "B" Concrete	13	CY	\$1,000.00	\$13,000.00	\$800.00	\$10,400.00	\$864.32	\$11,236.16	\$1,000.00	\$13,000.00
80		Traffic Signal Heads, Type 1 LED	5	EA	\$900.00	\$4,500.00	\$950.00	\$4,950.00	\$1,069.60	\$5,348.00	\$1,240.00	\$6,200.00
81		Traffic Signal Heads, Type 2FYA LED	4	EA	\$1,600.00	\$6,400.00	\$1,672.00	\$6,688.00	\$1,806.43	\$7,225.72	\$2,100.00	\$8,400.00
82		Electric Cable (Underground In Conduit), IMSA 20-1, AWG #14, 5 Conductor	156	LF	\$546.00	\$85,416.00	\$2.00	\$312.00	\$2.16	\$336.96	\$2.50	\$390.00
83		Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #14, 5 Conductor	156	LF	\$546.00	\$85,416.00	\$2.00	\$312.00	\$2.16	\$336.96	\$2.50	\$390.00
84		Electric Cable (Underground In Conduit), IMSA 20-1, AWG #14, 10 Conductor	255	LF	\$1,275.00	\$326,250.00	\$3.00	\$765.00	\$3.24	\$826.20	\$3.75	\$956.25
85		Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #14, 10 Conductor	302	LF	\$5.00	\$1,510.00	\$3.00	\$906.00	\$3.24	\$978.48	\$3.75	\$1,132.50
86		Electric Cable (Underground In Conduit), IMSA 20-1, AWG #12, 3 Conductor	241	LF	\$723.00	\$173,223.00	\$4.00	\$964.00	\$4.32	\$1,041.12	\$5.00	\$1,205.00
87		Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #12, 3 Conductor	126	LF	\$3.00	\$378.00	\$4.00	\$504.00	\$4.32	\$544.32	\$5.00	\$630.00
88		Pullboxes (Type 2)	2	EA	\$1,275.00	\$2,550.00	\$1,000.00	\$2,000.00	\$1,080.40	\$2,160.80	\$1,250.00	\$2,500.00
89		Pullboxes (Type 3)	2	EA	\$1,625.00	\$3,250.00	\$1,200.00	\$2,400.00	\$1,256.48	\$2,512.96	\$1,500.00	\$3,000.00
90		Optical Detector Cable	4	EA	\$1,000.00	\$4,000.00	\$978.00	\$3,912.00	\$1,058.63	\$4,234.52	\$1,225.00	\$4,900.00
91		Optical Detector Cable	456	LF	\$2.25	\$1,026.00	\$2.00	\$912.00	\$2.16	\$984.96	\$2.50	\$1,140.00
92		Multi-Sensor Vehicle Detection Sensor	2	EA	\$2,000.00	\$4,000.00	\$1,996.00	\$3,992.00	\$750.64	\$15,121.28	\$750.00	\$15,150.00
93		Solid State Traffic Cabinet Assembly, Type 3 Cabinet, Type 1 Controller	1	EA	\$22,000.00	\$22,000.00	\$29,000.00	\$29,000.00	\$31,331.60	\$31,331.60	\$36,250.00	\$36,250.00
94		Video Vehicle Detection Sensor, Type 1	2	EA	\$15,500.00	\$31,000.00	\$19,738.00	\$39,476.00	\$21,324.94	\$42,649.88	\$24,700.00	\$49,400.00
95		Video Vehicle Detection Cable	203	LF	\$3.50	\$710.50	\$2.00	\$406.00	\$2.16	\$438.48	\$2.50	\$507.50
96		Multi-Sensor Vehicle Detection Cable	248	LF	\$3.50	\$868.00	\$2.00	\$496.00	\$2.16	\$535.68	\$2.50	\$620.00
Total Base Bid												\$5,382,135.89

\$4,088,784.80 \$4,102,161.63 \$4,839,002.71

TABULATION OF BIDS
 Eason Boulevard Improvements (Veterans to Briar Ridge)
 City of Tupelo, MS
 Project No. T19-515

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1	Clearing and Grubbing	1	LS	\$108,000.00	\$108,000.00	\$230,000.00	\$230,000.00
2	Removal of Concrete	423	SY	\$20.00	\$8,460.00	\$10.00	\$4,230.00
3	Removal of Headwall & FES	11	EA	\$7.50	\$82.50	\$750.00	\$8,250.00
4	Removal of Rip Rap	84	SY	\$109.00	\$9,156.00	\$45.00	\$3,780.00
5	Replacement of Mailbox	17	EA	\$367.00	\$6,239.00	\$250.00	\$4,250.00
6	Removal of Inlets	4	EA	\$661.00	\$2,644.00	\$1,500.00	\$6,000.00
7	Removal of Asphalt Pavement	6,075	SY	\$14.00	\$85,050.00	\$10.00	\$60,750.00
8	Removal of Curb & Gutter	46	LF	\$61.00	\$2,806.00	\$25.00	\$1,150.00
9	Removal of Pipes (All Types)	616	LF	\$27.00	\$16,632.00	\$15.00	\$9,240.00
10	Relocation of Sign	18	EA	\$202.00	\$3,636.00	\$500.00	\$9,000.00
11	Relocation of Fire Hydrant	1	EA	\$1,600.00	\$1,600.00	\$3,500.00	\$3,500.00
12	Removal of Trees	13	EA	\$1,700.00	\$22,100.00	\$4,000.00	\$52,000.00
13	Cold Milling Of Bituminous Pavement, All Depths	13,621	SY	\$5.00	\$68,105.00	\$6.00	\$81,726.00
14	Borrow Excavation, AH, FME, Class B9	7,073	CY	\$38.00	\$266,774.00	\$25.00	\$176,825.00
15	Unclassified Excavation, FM, AH	6,841	CY	\$22.00	\$150,502.00	\$15.00	\$102,615.00
16	Solid Sodding, All Types	9,000	SY	\$5.00	\$45,000.00	\$8.00	\$72,000.00
17	Grassing	2	AC	\$4,500.00	\$9,000.00	\$6,000.00	\$12,000.00
18	Watering	101	K GAL	\$26.00	\$2,626.00	\$100.00	\$10,100.00
19	Mowing	8	AC	\$322.00	\$2,576.00	\$750.00	\$6,000.00
20	Temporary Silt Fence	8,642	LF	\$5.00	\$43,210.00	\$4.00	\$34,568.00
21	Wattles, 12"	970	LF	\$10.00	\$9,700.00	\$8.00	\$7,760.00
22	Select Borrow	3,192	SY	\$33.00	\$105,336.00	\$28.00	\$89,376.00
23	Granular Material, Crushed Stone	3,885	CY	\$90.00	\$350,550.00	\$90.00	\$350,550.00
24	Granular Material, Clay Gravel	175	CY	\$76.00	\$13,300.00	\$100.00	\$17,500.00
25	Geotextile Fabric	16,413	SY	\$3.00	\$49,239.00	\$5.00	\$82,065.00
26	Hot Mix Asphalt, MT, 12.5-mm Mixture	1,876	TON	\$208.00	\$390,208.00	\$168.00	\$317,044.00
27	Hot Mix Asphalt, MT, 19-mm Mixture	4,484	TON	\$204.00	\$916,776.00	\$154.00	\$692,076.00
28	Hot Mix Asphalt, MT, 9.5-mm Mixture	3,972	TON	\$210.00	\$834,120.00	\$160.00	\$635,520.00
29	Class "B" Structural Concrete, Minor Structures, Per Plans	144	CY	\$500.00	\$72,000.00	\$3,200.00	\$460,800.00
30	Class "B" Structural Concrete, Per Plans	30	CY	\$3,700.00	\$111,888.00	\$3,000.00	\$90,720.00
31	Reinforcing Steel	13,930	LB	\$3.00	\$41,790.00	\$4.00	\$55,720.00
32	18" Reinforced Concrete Pipe, Class III	4,166	LF	\$64.00	\$266,624.00	\$68	\$284,328.50
33	24" Reinforced Concrete Pipe, Class III	274	LF	\$90.00	\$24,660.00	\$101	\$27,674.00
34	36" Reinforced Concrete Pipe, Class III	95	LF	\$195.00	\$18,525.00	\$192.50	\$18,287.50
35	18" Reinforced Concrete Flared End Section, Class III	2	EA	\$1,100.00	\$4,400.00	\$1,100.00	\$4,400.00
36	24" Reinforced Concrete Flared End Section, Class III	2	EA	\$1,200.00	\$2,400.00	\$1,000.00	\$2,000.00
37	36" Reinforced Concrete Flared End Section, Class III	4	EA	\$1,900.00	\$7,600.00	\$1,800.00	\$7,200.00
38	Castings	3,985	LB	\$5.50	\$21,917.50	\$6.00	\$23,910.00
39	Gratings	1,000	LB	\$4.50	\$4,500.00	\$6.00	\$6,000.00
40	Geotextile Fabric for Subsurface Drainage, Type III	5,517	SY	\$3.50	\$19,309.50	\$5.00	\$27,585.00
41	Filter Material for Combination Storm Drain and/or Underdrains, Type A, FM	484	CY	\$78.00	\$37,752.00	\$150.00	\$72,600.00
42	Filter Material for Combination Storm Drain and/or Underdrains, Type B, FM	616	CY	\$62.00	\$38,192.00	\$150.00	\$92,400.00
43	Combination Curb and Gutter, Type 2 Modified	6,969	LF	\$27.00	\$188,163.00	\$35.00	\$243,915.00
44	Adjustment of Utility Appearance	9	EA	\$1,300.00	\$11,700.00	\$2,500.00	\$22,500.00
45	Concrete Driveway With Reinforcement	1,021	CY	\$105.00	\$107,205.00	\$110.00	\$112,310.00
46	Maintenance of Traffic	1	LS	\$367,000.00	\$367,000.00	\$172,500.00	\$172,500.00
47	Additional Construction Signs	1	SF	\$14.00	\$14.00	\$10.00	\$10.00
48	Standard Roadside Construction Signs, Less than 10 Square Feet	189	SF	\$2,646.00	\$10,000.00	\$1,890.00	\$1,890.00
49	Standard Roadside Construction Signs, 10 Square Feet or More	40	SF	\$14.00	\$560.00	\$10.00	\$400.00
50	Barricades, Type III, Single Faced	48	LF	\$35.00	\$1,680.00	\$28.00	\$1,248.00
51	Mobilization	1	LS	\$315,000.00	\$315,000.00	\$580,564.00	\$580,564.00
52	Temporary Traffic Stripe, Skip Yellow	13,830	LF	\$0.45	\$6,223.50	\$0.35	\$4,840.50
53	Temporary Edge Stripe, Edge White	19,580	LF	\$0.45	\$8,811.00	\$0.35	\$6,853.00
54	Temporary Traffic Stripe, Continuous Yellow	13,910	LF	\$0.45	\$6,259.50	\$0.35	\$4,868.50

55	Temporary Detail Stripe, Detail White	2,570	LF	\$0.45	\$1,156.50	\$0.35	\$899.50
56	Temporary Detail Stripe, Detail Yellow	10,430	LF	\$0.45	\$4,693.50	\$0.35	\$3,650.50
57	Temporary Traffic Stripe, Skip White	14,460	LF	\$0.45	\$6,507.00	\$0.35	\$5,061.00
58	Temporary Legend White, Stop Bar	360	LF	\$2.00	\$720.00	\$1.50	\$540.00
59	Temporary Legend White	1,950	SF	\$3.50	\$6,825.00	\$2.50	\$4,875.00
60	6" Thermoplastic Traffic Stripe, Skip Yellow	6,914	LF	\$0.80	\$5,531.20	\$0.60	\$4,148.40
61	6" Thermoplastic Edge Stripe, Edge White	9,789	LF	\$1.50	\$14,683.50	\$1.00	\$9,789.00
62	6" Thermoplastic Traffic Stripe, Continuous Yellow	6,952	LF	\$1.50	\$10,428.00	\$1.00	\$6,952.00
63	6" Thermoplastic Detail Stripe, Detail White	1,285	LF	\$3.50	\$4,497.50	\$2.50	\$3,212.50
64	6" Thermoplastic Detail Stripe, Detail Yellow	5,213	LF	\$3.50	\$18,245.50	\$2.50	\$13,032.50
65	6" Thermoplastic Traffic Stripe, Skip White	7,230	LF	\$0.80	\$5,784.00	\$0.60	\$4,338.00
66	Thermoplastic Legend, White (Stop Bar)	179	LF	\$6.00	\$1,074.00	\$4.50	\$805.50
67	Thermoplastic Legend, White	973	SF	\$14.00	\$13,622.00	\$10.00	\$9,730.00
68	Traffic Signs	18	EA	\$540.00	\$9,720.00	\$400.00	\$7,200.00
69	Roadway Construction Stakes	1	LS	\$178,500.00	\$178,500.00	\$95,000.00	\$95,000.00
70	Flowable Fill	10	CY	\$2,140.00	\$21,400.00	\$400.00	\$4,000.00
71	Rip Rap 200#	100	TON	\$53.00	\$5,300.00	\$100.00	\$10,000.00
72	Right-of-Way Markers	20	EA	\$366.00	\$7,320.00	\$400.00	\$8,000.00
Traffic Signal Items							
73	Removal of Existing Signal Items	1	EA	\$4,700.00	\$4,700.00	\$3,622.50	\$3,622.50
74	2" PVC Pipe	136	LF	\$16.00	\$2,176.00	\$12.45	\$1,693.20
75	3" Bored Roll Pipe	160	LF	\$40.00	\$6,400.00	\$31.05	\$4,968.00
76	Traffic Signal Equipment Pole, Type II(L), 30' Shaft, 35' Arm	1	EA	\$24,600.00	\$24,600.00	\$18,888.75	\$18,888.75
77	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 45' Arm	1	EA	\$26,600.00	\$26,600.00	\$20,425.75	\$20,425.75
78	Traffic Signal Equipment Pole, Type III(L), 30' Shaft, 45' Arm & 70' Arm	1	EA	\$51,900.00	\$51,900.00	\$39,823.70	\$39,823.70
79	Pole Foundation, Class "B" Concrete	13	CY	\$1,100.00	\$14,300.00	\$828.00	\$10,764.00
80	Traffic Signal Heads, Type 1 LED	5	EA	\$1,300.00	\$6,500.00	\$1,024.65	\$5,123.25
81	Traffic Signal Heads, Type 2FYA LED	4	EA	\$2,300.00	\$9,200.00	\$1,730.52	\$6,922.08
82	Electric Cable (Underground In Conduit), IMSA 20-1, AWG #14, 5 Conductor	156	LF	\$2.50	\$390.00	\$2.07	\$322.92
83	Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #14, 5 Conductor	156	LF	\$2.50	\$390.00	\$2.07	\$322.92
84	Electric Cable (Underground In Conduit), IMSA 20-1, AWG #14, 10 Conductor	255	LF	\$4.00	\$1,020.00	\$3.11	\$793.05
85	Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #14, 10 Conductor	302	LF	\$4.00	\$1,208.00	\$3.11	\$939.22
86	Electric Cable (Underground In Conduit), IMSA 20-1, AWG #12, 3 Conductor	241	LF	\$5.50	\$1,325.50	\$4.14	\$997.74
87	Electric Cable (Aerial Supported In Conduit), IMSA 20-1, AWG #12, 3 Conductor	126	LF	\$5.50	\$693.00	\$4.14	\$521.64
88	Pullboxes (Type 2)	2	EA	\$1,300.00	\$2,600.00	\$1,035.00	\$2,070.00
89	Pullboxes (Type 3)	2	EA	\$1,600.00	\$3,200.00	\$1,242.00	\$2,484.00
90	Optical Detector	4	EA	\$1,300.00	\$5,200.00	\$1,012.23	\$4,048.93
91	Optical Detector Cable	456	LF	\$2.50	\$1,140.00	\$2.07	\$943.92
92	Multi-Sensor Vehicle Detection Sensor	2	EA	\$9,400.00	\$18,800.00	\$7,242.93	\$14,485.86
93	Solid State Traffic Cabinet Assembly, Type 3 Cabinet, Type 1 Controller	1	EA	\$39,100.00	\$39,100.00	\$30,015.00	\$30,015.00
94	Video Vehicle Detection Sensor, Type 1	2	EA	\$26,600.00	\$53,200.00	\$20,429.00	\$40,858.00
95	Video Vehicle Detection Cable	203	LF	\$2.50	\$507.50	2.07	\$420.21
96	Multi-Sensor Vehicle Detection Cable	248	LF	\$2.50	\$620.00	2.07	\$513.36
Total Base Bid							\$5,808,601.90

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