

**BID TABULATION**  
**COLLIER ENGINEERING CO., INC.**  
**5560 FRANKLIN PIKE CIRCLE**  
**BRENTWOOD, TN 37027**

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**ARNO ROAD - ROADWAY WIDENING AND ROADWAY IMPROVEMENTS**  
**@ PAGE HIGH SCHOOL AND PAGE MIDDLE SCHOOL**

APRIL 17, 2018



ESTIMATED QUANTITIES				Sessions Paving Company		Rawso, LLC		Jones Brothers Contractors, LLC	
<b>ROADWAY QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
105-01	CONSTRUCTION STAKES, LINES, GRADES	L.S.	1	\$50,000.00	\$50,000.00	\$60,000.00	\$60,000.00	\$95,000.00	\$95,000.00
201-01	CLEARING AND GRUBBING	L.S.	1	\$50,000.00	\$50,000.00	\$59,000.00	\$59,000.00	\$25,000.00	\$25,000.00
202-03.05	REMOVE CONCRETE DRIVE (6"-8")	S.Y.	55	\$15.00	\$825.00	\$14.00	\$770.00	\$35.00	\$1,925.00
202-08.10	REMOVAL OF CURB	L.F.	355	\$7.00	\$2,485.00	\$4.50	\$1,597.50	\$5.00	\$1,775.00
203-01	ROAD AND DRAINAGE EXCAVATION (UNCLASSIFIED)	C.Y.	11,985	\$26.50	\$317,602.50	\$32.00	\$383,520.00	\$32.00	\$383,520.00
203-05	UNDERCUTTING	C.Y.	50	\$75.00	\$3,750.00	\$67.00	\$3,350.00	\$55.00	\$2,750.00
203-07	FURNISHING & SPREADING TOPSOIL (3 INCH THICK)	C.Y.	1,430	\$30.00	\$42,900.00	\$37.00	\$52,910.00	\$25.00	\$35,750.00
303-01	MINERAL AGGREGATE, TYPE "A" BASE, GRADING "D"	TON	5,675	\$33.00	\$187,275.00	\$32.00	\$181,600.00	\$28.00	\$158,900.00
307-03.01	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING A	TON	2,705	\$99.75	\$269,823.75	\$104.00	\$281,320.00	\$100.00	\$270,500.00
307-03.08	ASPHALT CONCRETE MIX (PG76-22) (BPMB-HM) GRADING B-M2	TON	1,555	\$102.15	\$158,843.25	\$108.50	\$168,717.50	\$110.00	\$171,050.00
402-01	BITUMINOUS MATERIAL FOR PRIME COAT (PC)	TON	20	\$850.00	\$17,000.00	\$826.70	\$16,534.00	\$650.00	\$13,000.00
402-02	AGGREGATE FOR COVER MATERIAL (PC)	TON	60	\$36.00	\$2,160.00	\$108.00	\$6,480.00	\$50.00	\$3,000.00
403-02.01 T	BITUMINOUS MATERIAL FOR TACK COAT (TC) ( TRACKLESS ) (TTT-1)	TON	15	\$1,325.00	\$19,875.00	\$680.00	\$10,200.00	\$650.00	\$9,750.00
407-02.11	REMOVE & DISPOSE EXISTING ASPHALT	C.Y.	400	\$30.00	\$12,000.00	\$25.00	\$10,000.00	\$30.00	\$12,000.00
407-20	ASPHALT DRIVEWAY REPLACEMENT	S.Y.	1,385	\$46.00	\$63,710.00	\$34.00	\$47,090.00	\$60.00	\$83,100.00
407-20.05	SAW CUT ASPHALT PAVEMENT	L.F.	8,015	\$3.50	\$28,052.50	\$2.30	\$18,434.50	\$2.00	\$16,030.00
411-03.10	ACS MIX(PG76-22) GRADING D	TON	1,870	\$126.50	\$236,555.00	\$119.80	\$224,026.00	\$130.00	\$243,100.00
415-01.01	COLD PLANING BITUMINOUS PAVEMENT	TON	1,055	\$28.00	\$29,540.00	\$44.50	\$46,947.50	\$21.35	\$22,524.25
415-01.02 KJ	COLD PLANING BITUMINOUS PAVEMENT ( KEY JOINT ONLY )	S.Y.	200	\$26.00	\$5,200.00	\$17.70	\$3,540.00	\$20.00	\$4,000.00
501-02	CONCRETE DRIVEWAY REPLACEMENT	S.Y.	30	\$110.00	\$3,300.00	\$148.30	\$4,449.00	\$140.00	\$4,200.00
502-04.01	SAW CUT CONC. (0-8")	L.F.	10	\$5.00	\$50.00	\$17.00	\$170.00	\$28.00	\$280.00
611-01.23	ADJUSTMENT OF WATER VALVE (ADJUST ONLY)	EACH	26	\$150.00	\$3,900.00	\$900.00	\$23,400.00	\$625.00	\$16,250.00
702-01.01	EXTRUDED MOUNTABLE CURB	L.F.	540	\$8.50	\$4,590.00	\$13.70	\$7,398.00	\$8.00	\$4,320.00
717-01	MOBILIZATION	L.S.	1	\$30,000.00	\$30,000.00	\$126,500.00	\$126,500.00	\$425,000.00	\$425,000.00
<b>DRAINAGE QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
607-03.02	18" CONCRETE PIPE CULVERT (CLASS III)	L.F.	1,034	\$75.00	\$77,550.00	\$91.00	\$94,094.00	\$95.00	\$98,230.00
607-05.02	24" CONCRETE PIPE CULVERT (CLASS III)	L.F.	224	\$100.00	\$22,400.00	\$92.00	\$20,608.00	\$100.00	\$22,400.00
607-06.02	30" CONCRETE PIPE CULVERT (CLASS III)	L.F.	102	\$125.00	\$12,750.00	\$111.00	\$11,322.00	\$130.00	\$13,260.00
607-16.02	30"X19" HORIZONTAL OVAL CONC. PIPE CULVERT (CLASS III)	L.F.	40	\$115.00	\$4,600.00	\$115.00	\$4,600.00	\$140.00	\$5,600.00
611-07.31	18" ENDWALL (SIDE DRAIN)	EACH	2	\$1,850.00	\$3,700.00	\$3,350.00	\$6,700.00	\$2,500.00	\$5,000.00
611-07.32	24" ENDWALL (SIDE DRAIN)	EACH	2	\$2,550.00	\$5,100.00	\$4,220.00	\$8,440.00	\$3,500.00	\$7,000.00
611-07.33	30" ENDWALL (SIDE DRAIN)	EACH	2	\$3,000.00	\$6,000.00	\$7,730.00	\$15,460.00	\$3,500.00	\$7,000.00
611-26.01	CATCH BASINS, TYPE 26, 0-4' DEPTH	EACH	2	\$6,000.00	\$12,000.00	\$7,500.00	\$15,000.00	\$5,500.00	\$11,000.00
611-38.01	CATCH BASINS, TYPE 38, 0-4' DEPTH	EACH	5	\$4,000.00	\$20,000.00	\$4,200.00	\$21,000.00	\$4,000.00	\$20,000.00
709-05.06	MACHINED RIP-RAP (CLASS A-1)	TON	25	\$45.00	\$1,125.00	\$41.50	\$1,037.50	\$55.00	\$1,375.00
<b>STRUCTURES QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
202-04.01	REMOVAL OF STRUCTURES (EXISTING BRIDGE)	L.S.	1	\$12,750.00	\$12,750.00	\$57,000.00	\$57,000.00	\$35,000.00	\$35,000.00
303-01.02	GRANULAR BACKFILL (BRIDGES)	TON	500	\$35.00	\$17,500.00	\$53.80	\$26,900.00	\$30.00	\$15,000.00
607-50.07	PRECAST CONCRETE BOX CULVERT (12' X 6')	L.F.	78	\$1,400.00	\$109,200.00	\$3,600.00	\$280,800.00	\$2,400.00	\$187,200.00
<b>LANDSCAPING QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
	LANDSCAPING	L.S.	1	\$50,000.00	\$50,000.00	\$57,000.00	\$57,000.00	\$45,000.00	\$45,000.00
<b>EROSION CONTROL QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
203-06	WATER	M.G.	5	\$50.00	\$250.00	\$10.00	\$50.00	\$50.00	\$250.00
209-03.21	FILTER SOCK (12")	L.F.	5,110	\$12.75	\$65,152.50	\$4.00	\$20,440.00	\$3.50	\$17,885.00
209-05	SEDIMENT REMOVAL	C.Y.	530	\$2.00	\$1,060.00	\$23.50	\$12,455.00	\$16.00	\$8,480.00
209-08.02	TEMPORARY SILT FENCE (WITH BACKING)	L.F.	1,325	\$7.50	\$9,937.50	\$4.00	\$5,300.00	\$3.75	\$4,968.75
209-08.07	ROCK CHECK DAM (PER)	EACH	12	\$300.00	\$3,600.00	\$285.00	\$3,420.00	\$250.00	\$3,000.00
209-09.01	SANDBAGS	BAG	500	\$5.50	\$2,750.00	\$5.50	\$2,750.00	\$5.00	\$2,500.00
209-09.02	TEMPORARY SEDIMENT FILTER BAG (14'-6" x 2'-0" x 13'-3")	BAG	2	\$1,000.00	\$2,000.00	\$200.00	\$400.00	\$175.00	\$350.00
209-20.04	POLYETHYLENE SHEETING (10 MIL.)	S.Y.	500	\$2.00	\$1,000.00	\$5.00	\$2,500.00	\$3.00	\$1,500.00
209-40.30	CATCH BASIN PROTECTION (TYPE A)	EACH	7	\$350.00	\$2,450.00	\$850.00	\$5,950.00	\$750.00	\$5,250.00
209-65.14	TEMPORARY STREAM DIVERSION	L.S.	1	\$10,000.00	\$10,000.00	\$41,600.00	\$41,600.00	\$35,000.00	\$35,000.00
303-10.01	MINERAL AGGREGATE (SIZE 57)	TON	145	\$40.00	\$5,800.00	\$39.00	\$5,655.00	\$32.00	\$4,640.00
709-05.05	MACHINED RIP-RAP (CLASS A-3)	TON	205	\$40.00	\$8,200.00	\$44.00	\$9,020.00	\$50.00	\$10,250.00
709-05.08	MACHINED RIP-RAP (CLASS B)	TON	150	\$40.00	\$6,000.00	\$54.00	\$8,100.00	\$45.50	\$6,825.00
740-10.03	GEOTEXTILE (TYPE III) (EROSION CONTROL)	S.Y.	320	\$6.00	\$1,920.00	\$1.50	\$480.00	\$1.50	\$480.00
740-11.02	TEMPORARY SEDIMENT TUBE (12IN)	L.F.	6,200	\$12.00	\$74,400.00	\$3.00	\$18,600.00	\$2.75	\$17,050.00
801-01	SEEDING (WITH MULCH)	UNIT	20	\$50.00	\$1,000.00	\$57.00	\$1,140.00	\$40.00	\$800.00
803-01	SODDING (NEW SOD)	S.Y.	6,300	\$4.00	\$25,200.00	\$4.00	\$25,200.00	\$5.50	\$34,650.00
805-12.04	EROSION CONTROL BLANKET (TYPE IV)	S.Y.	200	\$6.50	\$1,300.00	\$3.50	\$700.00	\$2.25	\$450.00
<b>SAFETY GUARDRAIL QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
705-02.02	SINGLE GUARDRAIL (TYPE 2)	L.F.	393.75	\$23.00	\$9,056.25	\$34.00	\$13,387.50	\$25.00	\$9,843.75
705-04.04	GUARDRAIL TERMINAL (TYPE 21)	EACH	6	\$2,450.00	\$14,700.00	\$3,650.00	\$21,900.00	\$2,500.00	\$15,000.00
705-06.01	W-BEAM GUARDRAIL (TYPE 2) MASH TL3	L.F.	37.5	\$23.00	\$862.50	\$41.00	\$1,537.50	\$25.00	\$937.50
706-01	GUARDRAIL REMOVED	L.F.	306	\$5.00	\$1,530.00	\$3.40	\$1,040.40	\$1.50	\$459.00
707-06.03	REMOVAL AND RESET FENCE (IN KIND)	L.F.	2,630	\$20.00	\$52,600.00	\$29.50	\$77,585.00	\$10.00	\$26,300.00
<b>TRAFFIC CONTROL QUANTITIES</b>									
ITEM NO.	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
705-04.50	PORTABLE BARRIER RAIL DELINEATOR	EACH	25	\$13.50	\$337.50	\$14.00	\$350.00	\$12.00	\$300.00
705-08.51	PORTABLE IMPACT ATTENUATOR NCHRP350 TL-3	EACH	1	\$6,000.00	\$6,000.00	\$9,000.00	\$9,000.00	\$5,500.00	\$5,500.00
705-14.30	REPOSITIONING IMPACT ATTN(REACT 350)	EACH	1	\$1,320.00	\$1,320.00	\$1,300.00	\$1,300.00	\$1,200.00	\$1,200.00
712-01	TRAFFIC CONTROL	L.S.	1	\$40,000.00	\$40,000.00	\$78,000.00	\$78,000.00	\$115,000.00	\$115,000.00
712-02.02	INTERCONNECTED PORTABLE BARRIER RAIL	L.F.	500	\$35.00	\$17,500.00	\$34.00	\$17,000.00	\$29.50	\$14,750.00
712-02.36	REMOVE & RELOCATE PORTABLE BARRIER RAIL	L.F.	260	\$30.00	\$7,800.00	\$9.00	\$2,340.00	\$19.50	\$5,070.00
712-04.01	FLEXIBLE DRUMS (CHANNELIZING)	EACH	145	\$43.00	\$6,235.00	\$44.00	\$6,380.00	\$42.00	\$6,090.00
712-05.01	WARNING LIGHT (TYPE "A")	EACH	8	\$46.00	\$368.00	\$47.00	\$376.00	\$45.00	\$360.00
712-06	SIGNS (CONSTRUCTION)	S.F.	380	\$10.00	\$3,800.00	\$9.00	\$3,420.00	\$8.50	\$3,230.00
712-07.03	TEMPORARY BARRICADES, TYPE III	L.F.	50	\$18.00	\$900.00	\$18.00	\$900.00	\$17.50	\$875.00
712-08.03	ARROW BOARD (TYPE C)	EACH	2	\$1,265.00	\$2,530.00	\$1,300.00	\$2,600.00	\$1,250.00	\$2,500.00
713-16.01	CHANGEABLE MESSAGE SIGN UNIT	EACH	2	\$8,000.00	\$16,000.00	\$7,800.00	\$15,600.00	\$7,400.00	\$14,800.00
716-02.05	PLASTIC PAVEMENT MARKING (STOP LINE)	L.F.	185	\$20.00	\$3,700.00	\$23.00	\$4,255.00	\$20.00	\$3,700.00
716-02.06	PLASTIC PAVEMENT MARKING (TURN LANE ARROWS)	EACH	8	\$200.00	\$1,600.00	\$220.00	\$1,760.00	\$165.00	\$1,320.00
716-05.01	PAINTED PAVEMENT MARKING (4" LINE) - TEMPORARY	L.M.	4.72	\$1,500.00	\$7,080.00	\$1,710.00	\$8,071.20	\$2,200.00	\$10,384.00
716-08.20	REMOVAL OF PAVEMENT MARKING (LINE)	L.M.	3.15	\$5,280.00	\$16,632.00	\$5,850.00	\$18,427.50	\$3,500.00	\$11,025.00
716-13.01	SPRAY THERMO P.M. (60 mil 4IN)	L.M.	3.43	\$3,000.00	\$10,290.00	\$3,300.00	\$11,319.00	\$3,450.00	\$11,833.50
716-13.04	SPRAY THERMO P.M. (60 mil 4IN DOTTED)	L.F.	180	\$2.00	\$360.00	\$2.30	\$414.00	\$3.50	\$630.00
<b>TOTAL BID AMOUNT</b>					<b>\$2,337,333.25</b>		<b>\$2,818,638.60</b>		<b>\$2,891,225.75</b>