

# LUC-Old Millard Avenue Bridge

ODOT PID 100394

## Bid Tabulation

Eng. Estimate: **\$800,000.00**

Date:	Tuesday, April 30, 2019
Time:	2:00 PM, Local Time
Opened by:	Paul Roman, P.E.
Witness:	Rodney Shultz, P.E., Jill Bosh
Bid Tab:	R. Shultz

<b>Miller Bros. Const., Inc.</b>	<b>Vernon Nagel, Inc.</b>
1613 South Defiance Street, P.O. Box 30 Archbold, OH 43502 Phone: 419-445-1015	0154 County Road 11C Napoleon, Ohio 43545 Phone: 419-592-3861
Penal	Penal

Ref No.	ODOT Item #	Item Description	Quantity	Unit	Unit Price	Total Price	Unit Price	Total Price
<b>ROADWAY</b>								
1	201	CLEARING AND GRUBBING	1	LS	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
2	202	PAVEMENT REMOVED	333	SY	\$14.00	\$4,662.00	\$16.00	\$5,328.00
3	203	EXCAVATION	26	CY	\$20.00	\$520.00	\$22.00	\$572.00
4	203	EMBANKMENT	22	CY	\$20.00	\$440.00	\$18.00	\$396.00
5	204	SUBGRADE COMPACTION	373	SY	\$1.50	\$559.50	\$1.00	\$373.00
6	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, AS PER PLAN	4	EACH	\$2,500.00	\$10,000.00	\$2,485.00	\$9,940.00
7	607	FENCE REMOVED AND REBUILT	80	FT	\$20.00	\$1,600.00	\$34.50	\$2,760.00
8	690	ENVIRONMENTAL - TESTING & DISPOSAL OF CONTAMINATED SOIL	80	TON	\$100.00	\$8,000.00	\$100.00	\$8,000.00
<b>EROSION CONTROL</b>								
9	659	SEEDING AND MULCHING	89	SY	\$9.50	\$845.50	\$13.50	\$1,201.50
10	659	REPAIR SEEDING AND MULCHING	4	SY	\$12.00	\$48.00	\$13.50	\$54.00
11	659	INTER-SEEDING	4	SY	\$10.00	\$40.00	\$6.00	\$24.00
12	659	COMMERCIAL FERTILIZER	0.01	TON	\$1,000.00	\$10.00	\$600.00	\$6.00
13	659	LIME	0.02	ACRE	\$1.00	\$0.02	\$30.00	\$0.60
14	832	EROSION CONTROL	5000	EA	\$1.00	\$5,000.00	\$1.00	\$5,000.00
<b>DRAINAGE</b>								
15	605	AGGREGATE DRAINS	45	FT	\$18.00	\$810.00	\$18.00	\$810.00
<b>PAVEMENT</b>								
16	301	ASPHALT CONCRETE BASE, PG64-22	37	CY	\$310.25	\$11,479.25	\$400.00	\$14,800.00
17	304	AGGREGATE BASE	63	CY	\$80.00	\$5,040.00	\$70.00	\$4,410.00
18	407	TACK COAT	43	GAL	\$2.00	\$86.00	\$1.00	\$43.00
19	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	30	CY	\$302.50	\$9,075.00	\$500.00	\$15,000.00
<b>TRAFFIC CONTROL</b>								
20	626	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL	8	EACH	\$16.00	\$128.00	\$12.00	\$96.00
21	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	4	EACH	\$50.00	\$200.00	\$50.00	\$200.00
22	630	REMOVAL OF GROUND MOUNTED PIPE SUPPORT AND DISPOSAL	2	EACH	\$50.00	\$100.00	\$50.00	\$100.00
23	642	EDGE LINE, 4"	0.06	MILE	\$15,000.00	\$900.00	\$15,000.00	\$900.00
24	642	CENTER LINE	0.03	MILE	\$30,000.00	\$900.00	\$30,000.00	\$900.00
<b>STRUCTURES (OVER 20')</b>								
25	202	PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	1	LUMP	\$90,000.00	\$90,000.00	\$85,000.00	\$85,000.00
26	202	WEARING COURSE REMOVED	165	SY	\$15.00	\$2,475.00	\$12.00	\$1,980.00
27	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	1	LUMP	\$40,000.00	\$40,000.00	\$20,000.00	\$20,000.00
28	503	UNCLASSIFIED EXCAVATION, AS PER PLAN	840	CY	\$55.00	\$46,200.00	\$50.00	\$42,000.00
29	509	EPOXY COATED REINFORCING STEEL	12622	LB	\$1.70	\$21,457.40	\$1.70	\$21,457.40
30	511	CLASS QC2 CONCRETE, SUPERSTRUCTURE	45	CY	\$1,000.00	\$45,000.00	\$1,500.00	\$67,500.00
31	511	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	50	CY	\$700.00	\$35,000.00	\$650.00	\$32,500.00
32	511	CLASS QC1 CONCRETE, FOOTING	45	CY	\$615.00	\$27,675.00	\$600.00	\$27,000.00
33	512	SEALING OF CONCRETE SURFACES (NON-EPOXY)	82	SY	\$12.00	\$984.00	\$10.00	\$820.00
34	512	TYPE 2 WATERPROOFING	4	SY	\$100.00	\$400.00	\$50.00	\$200.00
35	515	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB21-36, AS PER PLAN	10	EACH	\$16,000.00	\$160,000.00	\$16,800.00	\$168,000.00
36	516	2" PREFORMED EXPANSION JOINT FILLER	31	SF	\$9.00	\$279.00	\$10.00	\$310.00

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37	516	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	89	FT	\$30.00	\$2,670.00	\$38.00	\$3,382.00
38	516	1/8" PREFORMED BEARING PAD	20	EACH	\$15.00	\$300.00	\$16.00	\$320.00
39	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE) (2.86" x 10" x 9" )	40	EACH	\$235.00	\$9,400.00	\$200.00	\$8,000.00
40	517	RAILING (TWIN STEEL TUBE)	120	FT	\$122.00	\$14,640.00	\$132.00	\$15,840.00
41	SPEC	SPECIAL - STEEL DRIP STRIP	128	FT	\$14.00	\$1,792.00	\$10.00	\$1,280.00
42	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	38	CY	\$100.00	\$3,800.00	\$75.00	\$2,850.00
43	518	6" PERFORATED CORRUGATED PLASTIC PIPE	100	FT	\$9.00	\$900.00	\$10.00	\$1,000.00
44	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	51	FT	\$20.00	\$1,020.00	\$10.00	\$510.00
45	524	DRILLED SHAFTS, 30" DIAMETER, INTO BEDROCK	16	FT	\$800.00	\$12,800.00	\$1,300.00	\$20,800.00
46	524	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK	532	FT	\$280.00	\$148,960.00	\$200.00	\$106,400.00
47	526	REINFORCED CONCRETE APPROACH SLABS (T=12"), AS PER PLAN	100	SY	\$260.00	\$26,000.00	\$275.00	\$27,500.00
48	526	TYPE B INSTALLATION	35	SY	\$70.00	\$2,450.00	\$24.00	\$840.00
49	601	ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FILTER	55	CY	\$125.00	\$6,875.00	\$100.00	\$5,500.00
<b>MAINTENANCE OF TRAFFIC</b>								
50	410	TRAFFIC COMPACTED SURFACE, TYPE A OR B	62	CY	\$90.00	\$5,580.00	\$65.00	\$4,030.00
51	614	WORK ZONE TRAFFIC SIGNAL	2	EACH	\$16,500.00	\$33,000.00	\$11,000.00	\$22,000.00
52	614	WORK ZONE IMPACT ATTENUATOR (BIDIRECTIONAL) (24 INCH)	4	EACH	\$3,000.00	\$12,000.00	\$1,935.00	\$7,740.00
53	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	2	CY	\$680.00	\$1,360.00	\$350.00	\$700.00
54	614	BARRIER REFLECTOR, TYPE 1, BI-DIRECTIONAL	16	EACH	\$12.00	\$192.00	\$12.00	\$192.00
55	614	BARRIER REFLECTOR, TYPE 2, BI-DIRECTIONAL	6	EACH	\$12.00	\$72.00	\$12.00	\$72.00
56	614	OBJECT MARKER, TWO WAY	22	EACH	\$16.00	\$352.00	\$16.00	\$352.00
57	614	WORK ZONE STOP LINE, CLASS I	25	FT	\$8.00	\$200.00	\$8.00	\$200.00
58	616	WATER	5	MGAL	\$75.00	\$375.00	\$10.00	\$50.00
59	622	PORTABLE BARRIER, 32"	600	FT	\$15.00	\$9,000.00	\$20.00	\$12,000.00
60	622	PORTABLE BARRIER, 32", BRIDGE MOUNTED	40	FT	\$20.00	\$800.00	\$26.00	\$1,040.00
<b>MISCELLANEOUS</b>								
61	614	MAINTAINING TRAFFIC	1	LS	\$10,000.00	\$10,000.00	\$8,000.00	\$8,000.00
62	625	FIELD OFFICE TYPE A	6	MONTH	\$1,800.00	\$10,800.00	\$1,500.00	\$9,000.00
63	623	CONSTRUCTION STAKING	1	LS	\$3,500.00	\$3,500.00	\$5,000.00	\$5,000.00
64	624	MOBILIZATION	1	LS	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
65	SPEC	MONITORING OF VIBRATION, AS PER PLAN	10	HOUR	\$180.00	\$1,800.00	\$80.00	\$800.00
<b>TOTAL BASE BID PROJECT:</b>						<b>\$872,551.67</b>		<b>\$825,079.50</b>