

PAGE	1 of 1		BID TAB OF QUOTES 04-23-2019 C.H.50 CHIPPEWA RD BRIDGE #1 REPLACEMENT PROJECT CHATHAM TOWNSHIP, MEDINA COUNTY, OHIO				ENGINEER'S ESTIMATE		BLACK HORSE BRIDGE CONST. 5185 WOOSTER RD NORTON, OH 44203		LOCKHART CONCRETE CO. 800 W. WATERLOO RD. AKRON OH 44314		AVERAGE UNIT COST
REF#	ITEM	Item Ext.	QUANTITY	UNIT	DESCRIPTION	COST	TOTAL	COST	TOTAL	COST	TOTAL		
1	201	11000	1	LS	CLEARING AND GRUBBING	\$1,000.00	\$1,000.00	\$5,000.00	\$5,000.00	\$1,000.00	\$1,000.00	\$3,000.00	
2	202	34900	21	FT	PIPE REMOVED	\$18.00	\$378.00	\$15.00	\$315.00	\$30.00	\$630.00	\$22.50	
3	202	38000	150	FT	GUARDRAIL REMOVED	\$2.70	\$405.00	\$2.00	\$300.00	\$5.00	\$750.00	\$3.50	
4	203	10000	170	CY	EXCAVATION	\$25.00	\$4,250.00	\$32.00	\$5,440.00	\$20.00	\$3,400.00	\$26.00	
5	203	20000	112	CY	EMBANKMENT	\$25.00	\$2,800.00	\$15.00	\$1,680.00	\$20.00	\$2,240.00	\$17.50	
6	204	10000	215	SY	SUBGRADE COMPACTION	\$4.50	\$967.50	\$6.00	\$1,290.00	\$1.00	\$215.00	\$3.50	
7	606	15050	75	FT	GUARDRAIL, TYPE MGS	\$21.00	\$1,575.00	\$20.00	\$1,500.00	\$18.00	\$1,350.00	\$19.00	
8	606	26150	3	EACH	ANCHOR ASSEMBLY, MGS TYPE E	\$2,130.00	\$6,390.00	\$2,250.00	\$6,750.00	\$2,000.00	\$6,000.00	\$2,125.00	
9	606	26550	1	EACH	ANCHOR ASSEMBLY, MGS TYPE T	\$900.00	\$900.00	\$950.00	\$950.00	\$900.00	\$900.00	\$925.00	
10	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	\$2,040.00	\$8,160.00	\$1,880.00	\$7,520.00	\$1,900.00	\$7,600.00	\$1,890.00	
11	607	35000	90	FT	FENCE REMOVED AND REBUILT	\$23.00	\$2,070.00	\$25.00	\$2,250.00	\$20.00	\$1,800.00	\$22.50	
12	SPECIAL	69050100	3	EACH	SPECIAL - MAILBOX SUPPORT SYSTEM, SINGLE	\$165.00	\$495.00	\$110.00	\$330.00	\$50.00	\$150.00	\$80.00	
<b>EROSION CONTROL</b>						<b>RW. TOTALS</b>	<b>\$29,390.50</b>		<b>\$33,325.00</b>		<b>\$26,035.00</b>		
13	601	32204	83	CY	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	\$105.00	\$8,715.00	\$70.00	\$5,810.00	\$100.00	\$8,300.00	\$85.00	
14	301	10000	641	SY	SEEDING AND MULCHING	\$3.50	\$2,243.50	\$2.50	\$1,602.50	\$1.00	\$641.00	\$1.75	
15	659	20000	0.1	TON	COMMERCIAL FERTILIZER	\$715.00	\$71.50	\$500.00	\$50.00	\$700.00	\$70.00	\$600.00	
16	659	31000	0.13	ACRE	LIME	\$460.00	\$59.80	\$200.00	\$26.00	\$400.00	\$52.00	\$300.00	
17	659	35000	1.73	MGAL	WATER	\$60.00	\$103.80	\$1.00	\$1.73	\$50.00	\$86.50	\$25.50	
18	832	30000	3500	EACH	EROSION CONTROL	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	\$3,500.00	\$1.00	
<b>DRAINAGE</b>						<b>EC TOTALS</b>	<b>\$14,693.60</b>		<b>\$10,990.23</b>		<b>\$12,649.50</b>		
19	611	04900	36	FT	12" CONDUIT, TYPE D	\$50.00	\$1,800.00	\$40.00	\$1,440.00	\$69.00	\$2,484.00	\$54.50	
<b>PAVEMENT</b>						<b>DRN. TOTALS</b>	<b>\$1,800.00</b>		<b>\$1,440.00</b>		<b>\$2,484.00</b>		
20	254	01000	304	SY	PAVEMENT PLANING, ASPHALT CONCRETE, 1.25"	\$5.00	\$1,520.00	\$5.50	\$1,672.00	\$5.00	\$1,520.00	\$5.25	
21	301	46000	19	CY	ASPHALT CONCRETE BASE, PG64-22	\$325.00	\$6,175.00	\$265.00	\$5,035.00	\$50.00	\$950.00	\$157.50	
22	304	20000	36	CY	AGGREGATE BASE	\$89.00	\$3,204.00	\$80.00	\$2,880.00	\$250.00	\$9,000.00	\$165.00	
23	407	10000	36	GAL	TACK COAT	\$2.75	\$99.00	\$10.00	\$360.00	\$5.00	\$180.00	\$7.50	
24	441	50000	15	CY	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	\$350.00	\$5,250.00	\$300.00	\$4,500.00	\$300.00	\$4,500.00	\$300.00	
25	441	50300	5	CY	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	\$350.00	\$1,750.00	\$325.00	\$1,625.00	\$295.00	\$1,475.00	\$310.00	
26	617	10100	11	CY	COMPACTED AGGREGATE	\$80.00	\$880.00	\$80.00	\$880.00	\$50.00	\$550.00	\$65.00	
<b>TRAFFIC CONTROL</b>						<b>PVM TOTALS</b>	<b>\$18,878.00</b>		<b>\$16,952.00</b>		<b>\$18,175.00</b>		
27	626	00110	8	EACH	BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL	\$6.25	\$50.00	\$10.00	\$80.00	\$10.00	\$80.00	\$10.00	
28	630	02100	46	FT	GROUND MOUNTED SUPPORT, NO. 2 POST	\$15.00	\$690.00	\$10.00	\$460.00	\$10.00	\$460.00	\$10.00	
29	630	80100	12	SF	SIGN, FLAT SHEET	\$26.60	\$319.20	\$20.00	\$240.00	\$15.00	\$180.00	\$17.50	
30	630	84900	6	EACH	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	\$13.50	\$81.00	\$10.00	\$60.00	\$15.00	\$90.00	\$12.50	
31	630	86002	6	EACH	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	\$13.50	\$81.00	\$10.00	\$60.00	\$15.00	\$90.00	\$12.50	
32	642	00290	0.05	MILE	CENTER LINE	\$500.00	\$25.00	\$24,000.00	\$1,200.00	\$25,000.00	\$1,250.00	\$24,500.00	
<b>STRUCTURE OVER 20 FOOT SPAN</b>						<b>TRFC. TOTALS</b>	<b>\$1,246.20</b>		<b>\$2,100.00</b>		<b>\$2,150.00</b>		
33	202	11003	1	LS	STRUCTURE REMOVED, OVER 20 FOOT SPAN, AS PER PLAN	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	\$39,000.00	\$39,000.00	\$29,500.00	
34	503	11100	1	LS	COFFERDAMS AND EXCAVATION BRACING	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00	\$4,000.00	
35	503	21300	1	LS	UNCLASSIFIED EXCAVATION	\$8,000.00	\$8,000.00	\$26,000.00	\$26,000.00	\$9,000.00	\$9,000.00	\$17,500.00	
36	509	10000	13783	LB	EPOXY COATED REINFORCING STEEL	\$1.85	\$25,498.55	\$1.18	\$16,263.94	\$1.00	\$13,783.00	\$1.09	
37	511	31610	38	CY	CLASS QC2 CONCRETE, SUPERSTRUCTURE	\$900.00	\$34,200.00	\$1,000.00	\$38,000.00	\$500.00	\$19,000.00	\$750.00	
38	511	43510	86	CY	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	\$500.00	\$43,000.00	\$400.00	\$34,400.00	\$600.00	\$51,600.00	\$500.00	
39	512	10100	65	SY	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	\$27.00	\$1,755.00	\$20.00	\$1,300.00	\$10.00	\$650.00	\$15.00	
40	512	33000	10	SY	TYPE 2 WATERPROOFING	\$20.65	\$206.50	\$25.00	\$250.00	\$12.00	\$120.00	\$18.50	
41	515	12031	7	EACH	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVE L 1, CB17-48, AS PER PLAN	\$12,000.00	\$84,000.00	\$14,660.00	\$102,620.00	\$12,895.00	\$90,265.00	\$13,777.50	
42	516	13900	25	SF	2" PREFORMED EXPANSION JOINT FILLER	\$10.00	\$250.00	\$7.00	\$175.00	\$4.00	\$100.00	\$5.50	
43	516	14020	87	FT	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	\$30.00	\$2,610.00	\$22.00	\$1,914.00	\$20.00	\$1,740.00	\$21.00	
44	5133	41100	14	EACH	1/8" PREFORMED BEARING PAD	\$15.50	\$217.00	\$10.00	\$140.00	\$45.00	\$630.00	\$27.50	
45	516	42600	67	FT	ELASTOMERIC BEARING PAD, MISC.: 6"X2" ELASTOMETRIC BARING STRIP	\$90.00	\$6,030.00	\$84.00	\$5,628.00	\$50.00	\$3,350.00	\$67.00	
46	516	43201	28	EACH	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE), AS PER PLAN	\$200.00	\$5,600.00	\$100.00	\$2,800.00	\$125.00	\$3,500.00	\$112.50	
47	517	70000	112	FT	RAILING (TWIN STEEL TUBE)	\$143.00	\$16,016.00	\$122.00	\$13,664.00	\$120.00	\$13,440.00	\$121.00	
48	518	21200	48	CY	POROUS BACKFILL WITH GEOTEXTILE FABRIC	\$85.00	\$4,080.00	\$80.00	\$3,840.00	\$40.00	\$1,920.00	\$60.00	
49	SPECIAL	51822300	124	FT	SPECIAL - STEEL DRIP STRIP	\$10.50	\$1,302.00	\$12.00	\$1,488.00	\$7.00	\$868.00	\$9.50	
50	518	40000	100	FT	6" PERFORATED CORRUGATED PLASTIC PIPE	\$4.15	\$415.00	\$8.00	\$800.00	\$10.00	\$1,000.00	\$9.00	
51	518	40011	60	FT	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIAL S, AS PER PLAN	\$8.00	\$480.00	\$12.00	\$720.00	\$10.00	\$600.00	\$11.00	
52	524	94702	67	FT	DRILLED SHAFTS, 36" DIAMETER, ABOVE BEDROCK	\$190.00	\$12,730.00	\$450.00	\$30,150.00	\$365.00	\$24,455.00	\$407.50	
53	524	94704	19	FT	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK	\$575.00	\$10,925.00	\$550.00	\$10,450.00	\$370.00	\$7,030.00	\$460.00	
54	526	10000	94	SY	REINFORCED CONCRETE APPROACH SLABS (T=12"), AS PER PLAN	\$210.00	\$19,740.00	\$180.00	\$16,920.00	\$225.00	\$21,150.00	\$202.50	
<b>MAINTENANCE OF TRAFFIC</b>						<b>STR. TOTALS</b>	<b>\$300,055.05</b>		<b>\$330,522.94</b>		<b>\$308,201.00</b>		
55	410	11000	3	CY	TRAFFIC COMPACTED SURFACE, TYPE B	\$125.00	\$375.00	\$100.00	\$300.00	\$50.00	\$150.00	\$75.00	
56	614	12420	1	LS	DETOUR SIGNING	\$2,000.00	\$2,000.00	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$6,250.00	
<b>INCIDENTALS</b>						<b>MOT. TOTALS</b>	<b>\$2,375.00</b>		<b>\$5,300.00</b>		<b>\$7,650.00</b>		
57	614	11000	1	LS	MAINTAINING TRAFFIC	\$1,000.00	\$1,000.00	\$4,000.00	\$4,000.00	\$4,900.00	\$4,900.00	\$4,450.00	
58	623	10000	1	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	\$3,300.00	\$3,300.00	\$4,000.00	\$4,000.00	\$4,750.00	\$4,750.00	\$4,375.00	
59	624	10000	1	LS	MOBILIZATION	\$13,000.00	\$13,000.00	\$10,000.00	\$10,000.00	\$27,000.00	\$27,000.00	\$18,500.00	
<b>INDICATES CORRECTED FIGURE(S)</b>						<b>INC. TOTAL</b>	<b>\$17,300.00</b>		<b>\$18,000.00</b>		<b>\$36,650.00</b>		
<b>GRAND TOTALS</b>						<b>\$385,738.35</b>		<b>\$418,630.17</b>		<b>\$413,994.50</b>			