

PAGE		1 of 1		BID TAB OF QUOTES 07-06-2018 C.H. 78 KENNARD RD BRIDGE REPLACEMENT PROJECT HARRISVILLE TOWNSHIP, MEDINA COUNTY, OHIO		ENGINEER'S ESTIMATE		CUYAHOGA BRIDGE AND ROAD INC. 370 RYAN ROAD SEVILLE, OH 44273		R & I CONSTRUCTION. INC 2931 S. ST. RT. 67 TIFFIN, OH 44883		SCHIRMER CONSTRUCTION LLC 31350 INDUSTRIAL PARKWAY NORTH OLMSTEAD OH 44070		LOCKHART CONCRETE CO. 800 W. WATERLOO RD. AKRON OH 44314		AVERAGE UNIT COST			
REF#	ITEM	Item Ext.	QUANTITY	UNIT	DESCRIPTION	WORK TYPE	COST	TOTAL	COST	TOTAL	COST	TOTAL	COST	TOTAL	COST	TOTAL			
1	201	11000	1	LS	CLEARING AND GRUBBING	1	\$20,000.00	\$20,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00		\$2,750.00	
2	202	38000	180	LF	GUARDRAIL REMOVED	36	\$2.25	\$405.00	\$1.90	\$342.00	\$1.00	\$180.00	\$6.00	\$1,080.00	\$2.00	\$360.00		\$2.73	
3	203	10000	222	CU. YDS.	EXCAVATION	6	\$17.55	\$3,896.10	\$23.00	\$5,106.00	\$10.00	\$2,220.00	\$26.00	\$5,772.00	\$15.00	\$3,330.00		\$18.50	
4	203	20000	26	CU. YDS.	EMBANKMENT	6	\$26.85	\$698.10	\$12.00	\$312.00	\$10.00	\$260.00	\$50.00	\$1,300.00	\$15.00	\$390.00		\$21.75	
5	606	15050	62.5	LF	GUARDRAIL, TYPE MGS	36	\$18.30	\$1,143.75	\$19.60	\$1,225.00	\$20.00	\$1,250.00	\$26.00	\$1,625.00	\$18.00	\$1,125.00		\$20.90	
6	606	26150	4	EA.	ANCHOR ASSEMBLY, MGS TYPE E	36	\$2,070.00	\$8,280.00	\$2,120.00	\$8,480.00	\$2,000.00	\$8,000.00	\$2,200.00	\$8,800.00	\$2,200.00	\$8,800.00		\$2,130.00	
7	606	35002	4	EA.	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	36	\$2,031.00	\$8,124.00	\$1,945.00	\$7,780.00	\$2,000.00	\$8,000.00	\$2,000.00	\$8,000.00	\$2,200.00	\$8,800.00		\$2,036.25	
8	630	02100	44	LF	GROUND MOUNTED SUPPORT, NO. 2 POST	42	\$9.65	\$424.60	\$14.50	\$638.00	\$14.50	\$638.00	\$15.00	\$660.00	\$15.00	\$660.00		\$14.75	
9	630	80100	12	SQ. FT.	SIGN, FLAT SHEET	42	\$25.25	\$303.00	\$23.50	\$282.00	\$23.50	\$282.00	\$24.00	\$288.00	\$25.00	\$300.00		\$24.00	
PAVEMENT							RW. TOTALS	\$43,274.55		\$26,165.00		\$21,330.00		\$32,525.00		\$27,265.00		\$7,018.88	
10	204	10000	326	SQ. YDS.	SUBGRADE COMPACTION	6	\$2.85	\$929.10	\$1.50	\$489.00	\$1.00	\$326.00	\$3.00	\$978.00	\$2.00	\$652.00		\$1.88	
11	301	46000	50	CU. YDS.	ASPHALT CONCRETE BASE, PG64-22	10	\$203.60	\$10,180.00	\$195.00	\$9,750.00	\$185.00	\$9,250.00	\$260.00	\$13,000.00	\$250.00	\$12,500.00		\$222.50	
12	304	20000	53	CU. YDS.	ASPHALT BASE	9	\$64.00	\$3,392.00	\$57.00	\$3,021.00	\$60.00	\$3,180.00	\$90.00	\$4,770.00	\$50.00	\$2,650.00		\$64.25	
13	407	10000	38	GAL	TACK COAT	11	\$2.70	\$102.60	\$2.00	\$76.00	\$4.50	\$171.00	\$10.00	\$380.00	\$10.00	\$380.00		\$6.63	
14	441	50000	25	CU. YDS.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1,(448),PG64-22,AS PER PLAN	10	\$247.00	\$6,175.00	\$280.00	\$7,000.00	\$275.00	\$6,875.00	\$325.00	\$8,125.00	\$315.00	\$7,875.00		\$298.75	
TRAFFIC CONTROL							PVMT. TOTALS	\$20,778.70		\$20,336.00		\$19,802.00		\$27,253.00		\$24,057.00		\$594.00	
15	614	10000	1	LS	MAINTAINING TRAFFIC	39	\$10,000.00	\$10,000.00	\$1,000.00	\$1,000.00	\$1,260.00	\$3,645.00	\$6,000.00	\$6,000.00	\$14,000.00	\$14,000.00		\$6,161.25	
16	614	12420	1	LS	DETOUR SIGNING	39	\$5,000.00	\$5,000.00	\$3,645.00	\$3,645.00	\$3,645.00	\$1,260.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		\$3,726.25	
STRUCTURE OVER 20 FOOT SPAN							TRFC. TOTALS	\$15,000.00		\$4,645.00		\$4,905.00		\$11,000.00		\$19,000.00		\$9,887.50	
17	202	11201	1	LS	PORTION OF STRUCTURE REMOVED, AS PER PLAN	19	\$45,000.00	\$45,000.00	\$29,625.00	\$29,625.00	\$32,000.00	\$32,000.00	\$35,000.00	\$35,000.00	\$33,726.00	\$33,726.00		\$32,587.75	
18	202	23500	161	SQ. YDS.	WEARING COURSE REMOVED	13	\$12.15	\$1,956.15	\$30.00	\$4,830.00	\$10.00	\$1,610.00	\$15.00	\$2,415.00	\$9.00	\$1,449.00		\$16.00	
19	503	111000	1	LS	COFFERDAMS AND EXCAVATION BRACING	53	\$25,000.00	\$25,000.00	\$1.00	\$1.00	\$500.00	\$500.00	\$12,000.00	\$12,000.00	\$60,726.00	\$60,726.00		\$18,306.75	
20	503	21300	1	LS	UNCLASSIFIED EXCAVATION	6	\$25,000.00	\$25,000.00	\$20,000.00	\$20,000.00	\$17,000.00	\$17,000.00	\$27,000.00	\$27,000.00	\$47,226.00	\$47,226.00		\$27,806.50	
21	505	11000	1	LS	PILE DRIVING EQUIPMENT MOBILIZATION	53	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00	\$7,000.00	\$7,000.00	\$12,000.00	\$12,000.00	\$9,000.00	\$9,000.00		\$11,500.00	
22	507	00100	180	LF	STEEL PILES HP10x42, FURNISHED	53	\$19.70	\$3,546.00	\$35.00	\$6,300.00	\$50.00	\$9,000.00	\$35.00	\$6,300.00	\$26.00	\$4,680.00		\$36.50	
23	507	00150	150	LF	STEEL PILES HP10x42, DRIVEN	53	\$30.40	\$4,560.00	\$15.00	\$2,250.00	\$5.00	\$750.00	\$95.00	\$14,250.00	\$50.00	\$7,500.00		\$41.25	
24	507	93300	6	EA.	STEEL POINTS OR SHOES	53	\$86.00	\$516.00	\$110.00	\$660.00	\$100.00	\$600.00	\$110.00	\$660.00	\$200.00	\$1,200.00		\$130.00	
25	509	10000	10144	LBS	EPOXY COATED REINFORCING STEEL	23	\$1.30	\$13,187.20	\$1.15	\$11,665.60	\$2.00	\$20,288.00	\$1.40	\$14,201.60	\$1.00	\$10,144.00		\$1.39	
26	511	31611	48	CU. YDS.	CLASS QC2 CONCRETE, SUPERSTRUCTURE, AS PER PLAN	20	\$810.00	\$38,880.00	\$650.00	\$31,200.00	\$1,000.00	\$48,000.00	\$725.00	\$34,800.00	\$600.00	\$28,800.00		\$743.75	
27	511	43510	62	CU. YDS.	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	20	\$545.00	\$33,790.00	\$450.00	\$27,900.00	\$600.00	\$37,200.00	\$775.00	\$48,050.00	\$400.00	\$24,800.00		\$556.25	
28	512	10050	226	SQ. YDS.	SEALING OF CONCRETE SURFACES (NON EPOXY)	57	\$8.60	\$1,943.60	\$5.00	\$1,130.00	\$7.00	\$1,582.00	\$9.00	\$2,034.00	\$10.00	\$2,260.00		\$7.75	
29	512	10100	90	SQ. YDS.	SEALING OF CONCRETE SURFACES (EPOXY URETHANE)	57	\$21.50	\$1,935.00	\$20.00	\$1,800.00	\$20.00	\$1,800.00	\$32.00	\$2,880.00	\$15.00	\$1,350.00		\$21.75	
30	515	12090	6	EA.	PRESTRESSED CONCRETE COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, CB33-48	20	\$7,000.00	\$42,000.00	\$19,100.00	\$114,600.00	\$21,000.00	\$126,000.00	\$22,000.00	\$132,000.00	\$18,000.00	\$108,000.00		\$20,025.00	
31	516	13600	33	SQ. FT.	1" PREFORMED EXPANSION JOINT FILLER	27	\$4.70	\$155.10	\$4.50	\$148.50	\$4.00	\$132.00	\$4.00	\$132.00	\$3.00	\$99.00		\$3.88	
32	516	14020	61	LF	SEMI INTEGRAL ABUTMENT EXPANSION JOINT SEAL	27	\$33.90	\$2,067.90	\$15.00	\$915.00	\$20.00	\$1,220.00	\$35.00	\$2,135.00	\$20.00	\$1,220.00		\$22.50	
33	516	43200	24	EA.	ELASTOMERIC BEARING WITH INTEGRAL LAMINATED ONLY (NEOPRENE)	27	\$143.00	\$3,432.00	\$225.00	\$5,400.00	\$150.00	\$3,600.00	\$175.00	\$4,200.00	\$150.00	\$3,600.00		\$175.00	
34	517	70000	182	LF	RAILING (TWIN STEEL TUBING)	36	\$131.25	\$23,887.50	\$121.50	\$22,113.00	\$131.00	\$23,842.00	\$125.00	\$22,750.00	\$125.00	\$22,750.00		\$125.63	
35	518	21200	62	CU. YDS.	POROUS BACKFILL WITH GEOTEXTILE FABRIC	20	\$71.60	\$4,439.20	\$65.00	\$4,030.00	\$50.00	\$3,100.00	\$85.00	\$5,270.00	\$50.00	\$3,100.00		\$62.50	
36	518	22300	204	LF	SPECIAL- STEEL DRIP EDGE	20	\$10.10	\$2,060.40	\$13.00	\$2,652.00	\$8.00	\$1,632.00	\$16.00	\$3,264.00	\$10.00	\$2,040.00		\$11.75	
37	518	40000	65	LF	6" PERFORATED CORRUGATED PLASTIC PIPE	35	\$8.75	\$568.75	\$6.00	\$390.00	\$7.00	\$455.00	\$20.00	\$1,300.00	\$10.00	\$650.00		\$10.75	
38	526	40010	36	LF	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIALS	35	\$9.90	\$356.40	\$10.00	\$360.00	\$7.00	\$252.00	\$20.00	\$720.00	\$10.00	\$360.00		\$11.75	
39	526	15000	107	SQ. YDS.	REINFORCED CONCRETE APPROACH SLABS (T=13")	17	\$230.00	\$24,610.00	\$200.00	\$21,400.00	\$220.00	\$23,540.00	\$285.00	\$30,495.00	\$200.00	\$21,400.00		\$226.25	
40	601	90010	48	LF	TYPE A INSTALLATION	17	\$146.30	\$7,022.40	\$130.00	\$6,240.00	\$150.00	\$7,200.00	\$110.00	\$5,280.00	\$70.00	\$3,360.00		\$115.00	
41	611	32204	17	CU. YDS.	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	35	\$104.75	\$1,780.75	\$70.00	\$1,190.00	\$70.00	\$1,190.00	\$175.00	\$2,975.00	\$125.00	\$2,125.00		\$110.00	
42	611	99710	4	EA.	PRECAST REINFORCED CONCRETE OUTLET	35	\$260.35	\$1,041.40	\$85.00	\$340.00	\$100.00	\$400.00	\$400.00	\$1,600.00	\$400.00	\$1,600.00		\$246.25	
EROSION CONTROL							STR. TOTALS	\$318,735.75		\$335,140.10		\$369,893.00		\$423,711.60		\$403,165.00		\$112,901.89	
43	659	00300	29	CU. YDS.	TOPSOIL	46	\$49.04	\$1,422.16	\$50.00	\$1,450.00	\$20.00	\$580.00	\$75.00	\$2,175.00	\$20.00	\$580.00		\$41.25	
44	659	10000	259	SQ. YDS.	SEEDING AND MULCHING	46	\$5.30	\$1,372.70	\$1.00	\$259.00	\$4.00	\$1,036.00	\$10.00	\$2,590.00	\$1.00	\$259.00		\$4.00	
45	659	14000	13	SQ. YDS.	REPAIR SEEDING AND MULCHING	46	\$1.20	\$15.60	\$1.00	\$13.00	\$0.10	\$1.30	\$3.00	\$39.00	\$1.00	\$13.00		\$1.28	
46	659	15000	13	SQ. YDS.	INTER-SEEDING	46	\$0.65	\$8.45	\$1.00	\$13.00	\$0.10	\$1.30	\$3.00	\$39.00	\$1.00	\$13.00		\$1.28	
47	659	20000	0.04	TON	COMMERCIAL FERTILIZER	46	\$808.50	\$32.34	\$800.00	\$32.00	\$500.00	\$20.00	\$1,000.00	\$40.00	\$600.00	\$24.00	\$725.00		\$725.00
48	659	31000	0.06	ACRE	LIME	46	\$127.60	\$7.66	\$0.10	\$0.01	\$10.00	\$0.60	\$1,000.00	\$60.00	\$400.00	\$24.00	\$352.53		
49	659	35000	2	M. GAL	WATER	46	\$1.75	\$3.50	\$1.00	\$2.00	\$1.00	\$2.00	\$10.00	\$20.00	\$50.00	\$100.00		\$15.50	
50	832	30000	4000	EA.	EROSION CONTROL	8	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.25	\$1,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00		\$0.81	
INCIDENTALS							EROS. TOTALS	\$6,862.41		\$5,769.01		\$2,641.20		\$8,963.00		\$5,013.00		\$1,141.64	
51	623	10000	1	LS	CONSTRUCTION LAYOUT STAKES AND SURVEYING	NR	\$2,000.00	\$2,000.00	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.0							