

Exhibit "A"
Tabulation of Bids
REPP ROAD – T.H 89 - BRIDGE NO. 05 - LOCATED IN HARRISVILLE TWP
OPWC PROJECT No.C116U
 BID OPENING – 1:30 P.M. JULY 18, 2017
 MEDINA COUNTY HIGHWAY FACILITY
 6100 WEDGEWOOD ROAD, MEDINA, OHIO 44256

Engineer's Estimate

Cuyahoga Bridge and Road, Inc.
 370 Ryan Road
 Seville, Ohio 44273
 330-769-2999

Lockhart Concreter Co.
 800 W. Waterloo Road
 Akron, Ohio 44314
 330-745-6520

REF.	ITEM	ITEM	ESTIMATED	UNIT	ITEM DESCRIPTION	WORK	PRE-	UNIT PRICE BID	TOTAL AMOUNT BID	UNIT PRICE BID	TOTAL AMOUNT BID	UNIT PRICE BID	TOTAL AMOUNT BID
NO.	NO.	EXTENSION	QUANTITY			TYPE	QUAL	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS
					ROADWAY								
1	201	11000	1	LUMP	CLEARING AND GRUBBING, AS PER PLAN	1	Y	\$ 10,000.00	\$ 10,000.00	\$7,500.00	\$ 7,500.00	\$9,500.00	\$ 9,500.00
2	202	38000	200	FT	GUARDRAIL REMOVED	NR	Y	\$ 1.50	\$ 300.00	\$1.60	\$ 320.00	\$2.00	\$ 400.00
3	202	35100	47	FT	PIPE REMOVED, 24" AND UNDER	NR	Y	\$ 10.00	\$ 470.00	\$20.00	\$ 940.00	\$10.00	\$ 470.00
4	203	22000	556	CU.YD.	EMBANKMENT, USING NATURAL SOILS, 703.16A, AS PER PLAN	4	Y	\$ 18.00	\$ 10,008.00	\$12.75	\$ 7,089.00	\$15.00	\$ 8,340.00
5	203	10000	638	CU.YD.	EXCAVATION INCLUDING PAVEMENT REMOVAL	4	Y	\$ 15.00	\$ 9,570.00	\$18.50	\$ 11,803.00	\$15.00	\$ 9,570.00
6	204	10000	519	SQ. YD.	SUBGRADE COMPACTION	4	Y	\$ 5.00	\$ 2,595.00	\$2.00	\$ 1,038.00	\$1.00	\$ 519.00**
7	204	13000	92	CU. YD.	EXCAVATION OF SUBGRADE – AS DIRECTED BY THE ENGINEER, AS PER PLAN	4	Y	\$ 15.00	\$ 1,380.00	\$28.00	\$ 2,576.00	\$15.00	\$ 1,380.00
8	204	30041	92	CU. YD.	EMBANKMENT AS DIRECTED BY THE ENGINEER. AS PER PLAN	4	Y	\$ 60.00	\$ 5,520.00	\$64.50	\$ 5,934.00	\$15.00	\$ 1,380.00
9	Special		25	CU. YD.	1S/2S LIMESTONE DRIVE MATERIAL, AS PER PLAN	9	Y	\$ 75.00	\$ 1,875.00	\$56.00	\$ 1,400.00	\$50.00	\$ 1,250.00
10	617	10001	22	CU. YD.	DRIVEWAY MATERIAL, AS PER PLAN	9	Y	\$ 75.00	\$ 1,650.00	\$60.00	\$ 1,320.00	\$50.00	\$ 1,100.00
11	606	15050	137.5	FT	GUARDRAIL, TYPE MGS	36	N	\$ 17.50	\$ 2,406.25	\$20.40	\$ 2,805.00	\$20.00	\$ 2,750.00
12	606	26550	3	EACH	ANCHOR ASSEMBLY, MGS TYPE T	36	N	\$ 850.00	\$ 2,550.00	\$775.00	\$ 2,325.00	\$800.00	\$ 2,400.00
13	606	35002	4	EACH	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	36	N	\$ 2,000.00	\$ 8,000.00	\$1,945.00	\$ 7,780.00	\$1,800.00	\$ 7,200.00
14	626	00100	16	EACH	BARRIER REFLECTORS, AS PER PLAN	36	N	\$ 10.00	\$ 160.00	\$6.25	\$ 100.00	\$7.50	\$ 120.00
					ROADWAY SUBTOTAL				\$ 56,484.25		\$ 52,930.00		\$ 46,379.00**
					PAVEMENT								
15	254	1001	76	SQ.YD.	PAVEMENT PLANING ASPHALT CONCRETE, 2" DEPTH	13	N	\$ 25.00	\$ 1,900.00	\$20.00	\$ 1,520.00	\$10.00	\$ 760.00
16	301	46001	69	CU.YD.	ASPHALT CONCRETE BASE, PG64-22	10	Y	\$ 200.00	\$ 13,800.00	\$160.00	\$ 11,040.00	\$250.00	\$ 17,250.00
17	304	20001	46	CU.YD.	SUBBASE UNDER APPROACH SLABS AND FULL DEPTH ASPHALT PAVEMENT, 6" DEPTH, AS PER PLAN	9	Y	\$ 75.00	\$ 3,450.00	\$60.00	\$ 2,760.00	\$100.00	\$ 4,600.00
18	304	20001	21	CU.YD.	SUBBASE UNDER ASPHALT PAVEMENT WIDENING AREAS, 3" DEPTH, AS PER PLAN	9	Y	\$ 75.00	\$ 1,575.00	\$65.00	\$ 1,365.00	\$50.00	\$ 1,050.00
19	SPECIAL		61	CU.YD.	9" DEPTH 1s/2s LIMESTONE UNDER PAVEMENT WIDENING AREAS, AS PER PLAN	9	Y	\$ 75.00	\$ 4,575.00	\$46.00	\$ 2,806.00	\$50.00	\$ 3,050.00
20	407	10000	150	GAL.	TACK COAT	11	N	\$ 5.00	\$ 750.00	\$1.50	\$ 225.00	\$5.00	\$ 750.00

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NO.	NO.	EXTENSION	QUANTITY			TYPE	QUAL	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS
21	617	10001	50	CU.YD.	STABILIZED CRUSHED AGGREGATE, AS PER PLAN	9	Y	\$ 75.00	\$ 3,750.00	\$115.00	\$ 5,750.00	\$45.00	\$ 2,250.00
22	441	50200	23	CU.YD.	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 1, (448)	10	Y	\$ 225.00	\$ 5,175.00	\$200.00	\$ 4,600.00	\$275.00	\$ 6,325.00
23	441	50000	43	CU.YD.	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG64-22	10	Y	\$ 225.00	\$ 9,675.00	\$200.00	\$ 8,600.00	\$300.00	\$ 12,900.00
					PAVEMENT SUBTOTAL				\$ 44,650.00		\$ 38,666.00		\$ 48,935.00 **
					STRUCTURES								
24	202	11003	1	LUMP SUM	STRUCTURE REMOVED, OVER 20 FOOT SPAN	19	Y	\$ 10,000.00	\$ 10,000.00	\$41,600.00	\$ 41,600.00	\$59,000.00	\$ 59,000.00
25	503	11100	1	LUMP SUM	COFFERDAMS AND EXCAVATION BRACING	53	Y	\$ 5,000.00	\$ 5,000.00	\$5,000.00	\$ 5,000.00	\$49,000.00	\$ 49,000.00
26	503	21300	1	LUMP SUM	UNCLASSIFIED EXCAVATION INCLUDING ROCK AND/OR SHALE	NR	Y	\$ 5,000.00	\$ 5,000.00	\$20,000.00	\$ 20,000.00	\$20,000.00	\$ 20,000.00
27	509	10000	22384	POUND	EPOXY COATED REINFORCING STEEL	23	Y	\$ 1.00	\$ 22,384.00	\$1.10	\$ 24,622.40	\$1.00	\$ 22,384.00
28	511	33412	75	CU.YD.	CLASS QC2 CONCRETE, SUPERSTRUCTURE, SINGLE SPAN CONCRETE SLAB	20	Y	\$ 750.00	\$ 56,250.00	\$550.00	\$ 41,250.00	\$400.00	\$ 30,000.00
29	511	46510	35	CU.YD.	CLASS QC1 CONCRETE, FOOTING	20	Y	\$ 475.00	\$ 16,625.00	\$500.00	\$ 17,500.00	\$250.00	\$ 8,750.00
30	511	44110	42	CU.YD.	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING, BREASTWALL	20	Y	\$ 600.00	\$ 25,200.00	\$600.00	\$ 25,200.00	\$500.00	\$ 21,000.00
31	511	44110	10	CU.YD.	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING, BACKWALL	20	Y	\$ 600.00	\$ 6,000.00	\$650.00	\$ 6,500.00	\$400.00	\$ 4,000.00
32	511	46010	33	CU.YD.	CLASS QC1 CONCRETE, WINGWALL NOT INCLUDING FOOTING	20	Y	\$ 500.00	\$ 16,500.00	\$800.00	\$ 26,400.00	\$750.00	\$ 24,750.00
33	512	10100	115	SQ.YD.	SEALING OF CONCRETE SURFACES (EPOXY URETHANE)	57	Y	\$ 20.00	\$ 2,300.00	\$25.00	\$ 2,875.00	\$12.00	\$ 1,380.00
34	512	10050	206	SQ.YD.	SEALING OF CONCRETE SURFACES (NON-EPOXY), ENVIROSEAL 40, AS PER PLAN	57	Y	\$ 15.00	\$ 3,090.00	\$5.00	\$ 1,030.00	\$10.00	\$ 2,060.00
35	516	25000	384	SQ. FT.	NYLON REINFORCED NEOPRENE SHEETING	NR	Y	\$ 12.50	\$ 4,800.00	\$9.00	\$ 3,456.00	\$5.00	\$ 1,920.00
36	SPECIAL		86	LIN. FT.	STAINLESS STEEL DRIP EDGE	NR	Y	\$ 15.00	\$ 1,290.00	\$8.00	\$ 688.00	\$10.00	\$ 860.00
37	517	70000	78	FT	RAILING (TWIN STEEL TUBE)	36	N	\$ 130.00	\$ 10,140.00	\$145.00	\$ 11,310.00	\$100.00	\$ 7,800.00
38	518	39800	130	FT	4" PERFORATED CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, INCLUDING SPECIALS	35	Y	\$ 11.00	\$ 1,430.00	\$5.00	\$ 650.00	\$10.00	\$ 1,300.00
39	518	39900	40	FT	4" NON-PERFORATED CORRUGATED POLYETHYLENE SMOOTH LINED PIPE, INCLUDING SPECIALS	35	Y	\$ 11.00	\$ 440.00	\$10.00	\$ 400.00	\$11.00	\$ 440.00
40	518	21200	80	CU.YD.	POROUS BACKFILL WITH GEOTEXTILE FABRIC	35	Y	\$ 75.00	\$ 6,000.00	\$70.00	\$ 5,600.00	\$65.00	\$ 5,200.00
41	526	10000	40	SQ.YD.	REINFORCED CONCRETE APPROACH SLABS (T=12") – FORWARD ABUTMENT	38	Y	\$ 200.00	\$ 8,000.00	\$200.00	\$ 8,000.00	\$250.00	\$ 10,000.00

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NO.	NO.	EXTENSION	QUANTITY			TYPE	QUAL	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS	DOLLARS CTS
42	526	15000	53	SQ.YD.	REINFORCED CONCRETE APPROACH SLABS (T=13") – REAR ABUTMENT	38	Y	\$ 200.00	\$ 10,600.00	\$225.00	\$ 11,925.00	\$270.00	\$ 14,310.00
					STRUCTURES SUBTOTAL				\$ 211,049.00		\$ 254,006.40		\$ 284,154.00
					DRAINAGE								
43	601	34100	200	TON	ROCK CHANNEL PROTECTION, TYPE B, WITHOUT FILTER	35	Y	\$ 75.00	\$ 15,000.00	\$60.00	\$ 12,000.00	\$100.00	\$ 20,000.00
44	601	34100	1	LUMP SUM	ROCK CHANNEL PROTECTION, TYPE B, WITHOUT FILTER. AS PER PLAN	35	Y	\$ 1,500.00	\$ 1,500.00	\$100.00	\$ 100.00	\$5,000.00	\$ 5,000.00
45	611	^00410	64	FT	4" CONDUIT, UNDERDRAIN OUTLET, CORRUGATED PERFORATED SMOOTH-LINED POLYETHELENE PIPE, TYPE F	35	Y	\$ 18.00	\$ 1,152.00	\$16.00	\$ 1,024.00	\$10.00	\$ 640.00
46	611	04900	130	FT	12" CONDUIT, DRIVE PIPE, NON-PERFORATED CORRUGATED SMOOTH LINED POLYETHELENE PIPE, TYPE D, INCLUDING SPECIAL	35	Y	\$ 45.00	\$ 5,850.00	\$30.00	\$ 3,900.00	\$40.00	\$ 5,200.00
47	SPECIAL		1	LUMP SUM	STREAM RE-ALIGNMENT, AS PER PLAN	NR	Y	\$ 2,000.00	\$ 2,000.00	\$4,000.00	\$ 4,000.00	\$5,000.00	\$ 5,000.00
					DRAINAGE SUBTOTAL				\$ 25,502.00		\$ 21,024.00		\$ 35,840.00
					TRAFFIC CONTROL								
48	643	00300	1500	FEET	CENTER LINE	45	N	\$ 1.50	\$ 2,250.00	\$1.00	\$ 1,500.00	\$3.00	\$ 4,500.00
					TRAFFIC CONTROL SUBTOTAL				\$ 2,250.00		\$ 1,500.00		\$ 4,500.00
					EROSION CONTROL								
49	653	10000	92	CU.YD.	TOPSOIL FURNISHED AND PLACED	46	N	\$ 40.00	\$ 3,680.00	\$53.00	\$ 4,876.00	\$30.00	\$ 2,760.00
50	659	00500	2201	SQ.YD.	SEEDING AND MULCHING, CLASS 1	46	N	\$ 1.25	\$ 2,751.25	\$0.85	\$ 1,870.85	\$1.50	\$ 3,301.50
51	659	20000	0.25	TON	COMMERCIAL FERTILIZER (0.2 LB/sy)	46	N	\$ 500.00	\$ 125.00	\$800.00	\$ 200.00	\$1,000.00	\$ 250.00
52	659	35000	6	M GAL	WATER	46	N	\$ 100.00	\$ 600.00	\$0.10	\$ 0.60	\$50.00	\$ 300.00
					EROSION CONTROL SUBTOTAL				\$ 7,156.25		\$ 6,947.45		\$ 6,611.50

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REPP ROAD – T.H 89 - BRIDGE NO. 05 - LOCATED IN HARRISVILLE TWP
OPWC PROJECT No.CI16U
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NO.	NO.	EXTENSION	QUANTITY			TYPE	QUAL	DOLLARS	CTS	DOLLARS	CTS	DOLLARS	CTS	DOLLARS	CTS	DOLLARS	CTS	DOLLARS	CTS	
					INCIDENTALS															
53	614	11000	1	LUMP	MAINTAINING TRAFFIC	39	Y	\$ 5,000.00		\$ 5,000.00		\$2,500.00		\$ 2,500.00		\$37,000.00		\$ 37,000.00		
54	624	10000	1	LUMP SUM	MOBILIZATION	NR	Y	\$ 5,000.00		\$ 5,000.00		\$10,000.00		\$ 10,000.00		\$27,000.00		\$ 27,000.00		
					INCIDENTALS SUBTOTAL							\$ 10,000.00		\$ 12,500.00		\$ 64,000.00				
								91%	Pre-Qualified											
					Roadway Subtotal:							\$ 56,484.25		\$ 52,930.00		\$ 46,379.00				**
					Pavement Subtotal:							\$ 44,650.00		\$ 38,666.00		\$ 48,935.00				**
					Structures Subtotal:							\$ 211,049.00		\$ 254,006.40		\$ 284,154.00				
					Drainage Subtotal:							\$ 25,502.00		\$ 21,024.00		\$ 35,840.00				
					Traffic Control Subtotal:							\$ 2,250.00		\$ 1,500.00		\$ 4,500.00				
					Erosion Control Subtotal:							\$ 7,156.25		\$ 6,947.45		\$ 6,611.50				
					Incidentals Subtotal:							\$ 10,000.00		\$ 12,500.00		\$ 64,000.00				
					Grand Total:							\$ 357,091.50		\$ 387,573.85		\$ 490,419.50				**

** - Indicates Corrected Total