



2022 MIAMI COUNTY BRIDGE PACKAGE  
 BID TABULATION  
 Tuesday, February 8, 2022 at 9:05 AM

					ENGINEER'S ESTIMATE		Brumbaugh Construction, Inc. 3520 St. Rt. 49, PO Box 309 Arcanum, Ohio 45304		R.B. Jergens Contractors, Inc. 11418 North Dixie Drive Vandalia, Ohio 45377	
ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
<b>SUGAR GROVE-CIRCLE HILL ROAD BRIDGE NO. 00.13 (MIA-CR78-00.13)</b>										
<b>ROADWAY</b>										
1	201	CLEARING AND GRUBBING	1	LS	\$5,000.00	\$5,000.00	\$5,614.11	\$5,614.11	\$3,560.04	\$3,560.04
2	202	PAVEMENT REMOVED	112	SY	\$12.50	\$1,400.00	\$10.00	\$1,120.00	\$8.80	\$985.60
3	202	GUARDRAIL REMOVED	333	FT	\$2.75	\$915.75	\$2.00	\$666.00	\$8.71	\$2,900.43
4	204	SUBGRADE COMPACTION	162	SY	\$2.50	\$405.00	\$1.00	\$162.00	\$3.48	\$563.76
5	301	ASPHALT CONCRETE BASE, PG64-22	15	CY	\$300.00	\$4,500.00	\$345.00	\$5,175.00	\$399.67	\$5,995.05
6	304	AGGREGATE BASE	27	CY	\$76.00	\$2,052.00	\$56.00	\$1,512.00	\$63.51	\$1,714.77
7	407	TACK COAT	14	GAL	\$2.50	\$35.00	\$25.00	\$350.00	\$20.76	\$290.64
8	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	5	CY	\$300.00	\$1,500.00	\$345.00	\$1,725.00	\$441.19	\$2,205.95
9	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	7	CY	\$300.00	\$2,100.00	\$345.00	\$2,415.00	\$425.62	\$2,979.34
10	606	GUARDRAIL, TYPE MGS WITH LONG POSTS	275	FT	\$20.00	\$5,500.00	\$25.00	\$6,875.00	\$28.29	\$7,779.75
11	606	ANCHOR ASSEMBLY, MGS TYPE A	4	EA	\$1,200.00	\$4,800.00	\$1,575.00	\$6,300.00	\$1,660.97	\$6,643.88
12	606	BRIDGE TERMINAL ASSEMBLY, TYPE 1	4	EA	\$1,550.00	\$6,200.00	\$2,525.00	\$10,100.00	\$2,231.92	\$8,927.68
13	626	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	16	EA	\$10.00	\$160.00	\$9.00	\$144.00	\$14.53	\$232.48
14	642	EDGE LINE, 4", TYPE 1	0.05	MILE	\$520.00	\$26.00	\$20,350.00	\$1,017.50	\$20,087.30	\$1,004.37
15	642	CENTER LINE, TYPE 1	0.03	MILE	\$800.00	\$24.00	\$22,750.00	\$682.50	\$22,423.03	\$672.69
16	659	TOPSOIL	10	CY	\$125.00	\$1,250.00	\$35.00	\$350.00	\$65.30	\$653.00
17	659	SEEDING AND MULCHING	83	SY	\$11.00	\$913.00	\$6.00	\$498.00	\$2.60	\$215.80
18	659	REPAIR SEEDING AND MULCHING	5	SY	\$2.50	\$12.50	\$5.00	\$25.00	\$2.60	\$13.00
19	659	INTER-SEEDING	5	SY	\$3.00	\$15.00	\$5.00	\$25.00	\$2.60	\$13.00
20	659	COMMERCIAL FERTILIZER	0.01	TON	\$1,200.00	\$12.00	\$600.00	\$6.00	\$519.05	\$5.19
21	659	LIME	0.02	ACRE	\$100.00	\$2.00	\$100.00	\$2.00	\$103.81	\$2.08
22	659	WATER	0.49	MGAL	\$8.00	\$3.92	\$1.00	\$0.49	\$10.38	\$5.09
<b>STRUCTURE</b>										
23	202	STRUCTURE REMOVED, OVER 20' SPAN	1	LS	\$40,000.00	\$40,000.00	\$15,000.00	\$15,000.00	\$25,736.24	\$25,736.24
24	202	WEARING COURSE REMOVED	142	SY	\$13.25	\$1,881.50	\$10.00	\$1,420.00	\$10.48	\$1,488.16
25	407	TACK COAT	21	GAL	\$2.50	\$52.50	\$25.00	\$525.00	\$20.76	\$435.96

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ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
26	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	19	CY	\$300.00	\$5,700.00	\$345.00	\$6,555.00	\$441.19	\$8,382.61
27	503	COFFERDAMS AND EXCAVATION BRACING	1	LS	\$10,000.00	\$10,000.00	\$6,800.00	\$6,800.00	\$13,328.30	\$13,328.30
28	503	UNCLASSIFIED EXCAVATION	1	LS	\$35,000.00	\$35,000.00	\$38,500.00	\$38,500.00	\$7,867.28	\$7,867.28
29	509	EPOXY COATED REINFORCING STEEL	42,151	LB	\$1.50	\$63,226.50	\$1.40	\$59,011.40	\$1.26	\$53,110.26
30	511	CLASS QC2 CONCRETE, SUPERSTRUCTURE	6	CY	\$1,500.00	\$9,000.00	\$700.00	\$4,200.00	\$931.06	\$5,586.36
31	511	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	159	CY	\$520.00	\$82,680.00	\$405.00	\$64,395.00	\$638.51	\$101,523.09
32	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	163	SY	\$37.50	\$6,112.50	\$15.00	\$2,445.00	\$23.05	\$3,757.15
33	512	TYPE 3 WATERPROOFING	187	SY	\$32.00	\$5,984.00	\$34.00	\$6,358.00	\$40.50	\$7,573.50
34	515	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B21-48	7	EA	\$13,000.00	\$91,000.00	\$15,900.00	\$111,300.00	\$15,027.73	\$105,194.11
35	516	2" PREFORMED EXPANSION JOINT FILLER	26	SF	\$10.00	\$260.00	\$8.00	\$208.00	\$6.62	\$172.12
36	516	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	70	FT	\$30.00	\$2,100.00	\$30.00	\$2,100.00	\$40.94	\$2,865.80
37	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE)	28	EA	\$210.00	\$5,880.00	\$320.00	\$8,960.00	\$351.48	\$9,841.44
38	517	RAILING (TWIN STEEL TUBE)	124	FT	\$130.00	\$16,120.00	\$227.00	\$28,148.00	\$218.31	\$27,070.44
39	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	58	CY	\$100.00	\$5,800.00	\$50.00	\$2,900.00	\$89.88	\$5,213.04
40	518	SPECIAL - STEEL DRIP STRIP	137	FT	\$11.00	\$1,507.00	\$11.00	\$1,507.00	\$16.60	\$2,274.20
41	518	6" PERFORATED CORRUGATED PLASTIC PIPE	104	FT	\$6.50	\$676.00	\$7.00	\$728.00	\$11.11	\$1,155.44
42	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIAL S	40	FT	\$7.25	\$290.00	\$7.00	\$280.00	\$18.53	\$741.20
43	524	DRILLED SHAFTS, 36" DIAMETER, INTO BEDROCK	96	FT	\$375.00	\$36,000.00	\$290.00	\$27,840.00	\$327.22	\$31,413.12
44	524	DRILLED SHAFTS, 42" DIAMETER, ABOVE BEDROCK	86	FT	\$200.00	\$17,200.00	\$218.00	\$18,748.00	\$240.32	\$20,667.52
45	601	ROCK CHANNEL PROTECTION, TYPE B, WITH FILTER	116	CY	\$85.50	\$9,918.00	\$80.00	\$9,280.00	\$123.05	\$14,273.80
46	846	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	24	CF	\$325.00	\$7,800.00	\$540.00	\$12,960.00	\$622.86	\$14,948.64
<b>INCIDENTALS</b>										
47	614	MAINTAINING TRAFFIC	1	LS	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$4,658.27	\$4,658.27
48	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$4,982.90	\$4,982.90
49	624	MOBILIZATION	1	LS	\$5,485.83	\$5,485.83	\$25,000.00	\$25,000.00	\$19,193.70	\$19,193.70
<b>SUB-TOTALS:</b>						<b>\$501,500.00</b>		<b>\$506,933.00</b>		<b>\$540,818.23</b>
<b>HILL ROAD BRIDGE NO. 00.51 (MIA-TR92-00.51)</b>										
<b>ROADWAY</b>										
1	201	CLEARING AND GRUBBING	1	LS	\$5,000.00	\$5,000.00	\$10,078.91	\$10,078.91	\$3,560.04	\$3,560.04
2	202	PAVEMENT REMOVED	122	SY	\$12.50	\$1,525.00	\$9.00	\$1,098.00	\$11.22	\$1,368.84
3	202	GUARDRAIL REMOVED	606	FT	\$2.75	\$1,666.50	\$2.00	\$1,212.00	\$6.14	\$3,720.84

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ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
4	204	SUBGRADE COMPACTION	200	SY	\$2.50	\$500.00	\$1.00	\$200.00	\$4.13	\$826.00
5	301	ASPHALT CONCRETE BASE, PG64-22	18	CY	\$300.00	\$5,400.00	\$345.00	\$6,210.00	\$399.67	\$7,194.06
6	304	AGGREGATE BASE	33	CY	\$76.00	\$2,508.00	\$59.00	\$1,947.00	\$60.71	\$2,003.43
7	407	TACK COAT	18	GAL	\$2.51	\$45.18	\$25.00	\$450.00	\$20.76	\$373.68
8	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	6	CY	\$300.00	\$1,800.00	\$345.00	\$2,070.00	\$441.19	\$2,647.14
9	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448), PG 64-22	8	CY	\$300.00	\$2,400.00	\$345.00	\$2,760.00	\$425.62	\$3,404.96
10	606	GUARDRAIL, TYPE MGS WITH LONG POSTS	275	FT	\$20.00	\$5,500.00	\$25.00	\$6,875.00	\$28.29	\$7,779.75
11	606	ANCHOR ASSEMBLY, MGS TYPE A	4	EA	\$1,200.00	\$4,800.00	\$1,575.00	\$6,300.00	\$1,660.97	\$6,643.88
12	606	BRIDGE TERMINAL ASSEMBLY, TYPE 1	4	EA	\$1,550.00	\$6,200.00	\$2,525.00	\$10,100.00	\$2,231.92	\$8,927.68
13	626	BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL	16	EA	\$10.00	\$160.00	\$9.00	\$144.00	\$14.53	\$232.48
14	659	TOPSOIL	11	CY	\$125.00	\$1,375.00	\$36.00	\$396.00	\$65.30	\$718.30
15	659	SEEDING AND MULCHING	99	SY	\$11.00	\$1,089.00	\$5.00	\$495.00	\$2.60	\$257.40
16	659	REPAIR SEEDING AND MULCHING	5	SY	\$2.50	\$12.50	\$5.00	\$25.00	\$2.60	\$13.00
17	659	INTER-SEEDING	5	SY	\$3.00	\$15.00	\$5.00	\$25.00	\$2.60	\$13.00
18	659	COMMERCIAL FERTILIZER	0.01	TON	\$1,200.00	\$12.00	\$600.00	\$6.00	\$519.05	\$5.19
19	659	LIME	0.02	ACRE	\$100.00	\$2.00	\$100.00	\$2.00	\$103.81	\$2.08
20	659	WATER	0.59	MGAL	\$8.00	\$4.72	\$1.00	\$0.59	\$10.38	\$6.12
		<b>STRUCTURE</b>								
21	202	STRUCTURE REMOVED, OVER 20' SPAN	1	LS	\$40,000.00	\$40,000.00	\$12,500.00	\$12,500.00	\$27,006.05	\$27,006.05
22	202	WEARING COURSE REMOVED	133	SY	\$13.25	\$1,762.25	\$10.00	\$1,330.00	\$11.19	\$1,488.27
23	407	TACK COAT	21	GAL	\$2.50	\$52.50	\$25.00	\$525.00	\$20.76	\$435.96
24	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (448), PG 64-22	24	CY	\$300.00	\$7,200.00	\$345.00	\$8,280.00	\$441.19	\$10,588.56
25	503	COFFERDAMS AND EXCAVATION BRACING	1	LS	\$10,000.00	\$10,000.00	\$7,750.00	\$7,750.00	\$13,328.30	\$13,328.30
26	503	UNCLASSIFIED EXCAVATION	1	LS	\$30,000.00	\$30,000.00	\$25,400.00	\$25,400.00	\$7,867.28	\$7,867.28
27	503	ROCK EXCAVATION	70	CY	\$77.50	\$5,425.00	\$73.00	\$5,110.00	\$149.98	\$10,498.60
28	509	EPOXY COATED REINFORCING STEEL	17,927	LB	\$1.50	\$26,890.50	\$1.50	\$26,890.50	\$1.26	\$22,588.02
29	511	CLASS QC2 CONCRETE, SUPERSTRUCTURE	6	CY	\$1,500.00	\$9,000.00	\$720.00	\$4,320.00	\$923.66	\$5,541.96
30	511	CLASS QC1 CONCRETE, ABUTMENT INCLUDING FOOTING	183	CY	\$500.00	\$91,500.00	\$390.00	\$71,370.00	\$591.96	\$108,328.68
31	512	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	115	SY	\$37.50	\$4,312.50	\$20.00	\$2,300.00	\$23.05	\$2,650.75
32	512	TYPE 3 WATERPROOFING	187	SY	\$32.00	\$5,984.00	\$34.00	\$6,358.00	\$36.21	\$6,771.27
33	515	PRESTRESSED CONCRETE NON-COMPOSITE BOX BEAM BRIDGE MEMBERS, LEVEL 1, B21-48	7	EA	\$13,000.00	\$91,000.00	\$15,800.00	\$110,600.00	\$14,816.09	\$103,712.63
34	516	2" PREFORMED EXPANSION JOINT FILLER	26	SF	\$10.00	\$260.00	\$8.00	\$208.00	\$6.62	\$172.12
35	516	SEMI-INTEGRAL ABUTMENT EXPANSION JOINT SEAL	70	FT	\$30.00	\$2,100.00	\$30.00	\$2,100.00	\$40.94	\$2,865.80

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ITEM	ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
36	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES ONLY (NEOPRENE)	28	EA	\$210.00	\$5,880.00	\$317.00	\$8,876.00	\$351.48	\$9,841.44
37	517	RAILING (TWIN STEEL TUBE)	124	FT	\$130.00	\$16,120.00	\$225.00	\$27,900.00	\$218.31	\$27,070.44
38	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	43	CY	\$100.00	\$4,300.00	\$55.00	\$2,365.00	\$90.96	\$3,911.28
39	518	SPECIAL - STEEL DRIP STRIP	137	FT	\$11.00	\$1,507.00	\$11.00	\$1,507.00	\$16.60	\$2,274.20
40	518	6" PERFORATED CORRUGATED PLASTIC PIPE	98	FT	\$6.50	\$637.00	\$7.00	\$686.00	\$12.43	\$1,218.14
41	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDING SPECIAL S	50	FT	\$7.25	\$362.50	\$7.00	\$350.00	\$20.37	\$1,018.50
42	601	ROCK CHANNEL PROTECTION, TYPE B, WITH FILTER	64	CY	\$85.50	\$5,472.00	\$90.00	\$5,760.00	\$123.21	\$7,885.44
43	846	POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM	24	CF	\$325.00	\$7,800.00	\$540.00	\$12,960.00	\$622.86	\$14,948.64
<b>INCIDENTALS</b>										
44	614	MAINTAINING TRAFFIC	1	LS	\$2,500.00	\$2,500.00	\$1,750.00	\$1,750.00	\$4,658.27	\$4,658.27
45	623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS	\$2,500.00	\$2,500.00	\$5,500.00	\$5,500.00	\$4,982.90	\$4,982.90
46	624	MOBILIZATION	1	LS	\$7,419.85	\$7,419.85	\$16,500.00	\$16,500.00	\$19,193.70	\$19,193.70
<b>SUB-TOTALS:</b>						<b>\$420,000.00</b>		<b>\$419,590.00</b>		<b>\$470,545.07</b>
<b>GRAND TOTALS:</b>						<b>\$921,500.00</b>		<b>\$926,523.00</b>		<b>\$1,011,363.30</b>