Ohio Department of Transportation
Official Bid Tabulation
Jack Marchbanks, Ph.D., Director

Project No. 224030
PID 108143
TUS-SR 416-04.74
Federal
Type: BRIDGE REPAIR
Letting Date: 11/3/2022
Completion Date: 9/30/2023

Contract Awarded To:	BLACK HORSE BRIDGE CONSTRUCTION INC
Award Amount:	$1,359,493.80
Engineer's Estimate:	$1,310,000.00

Bidder 1
BLACK HORSE BRIDGE CONSTRUCTION INC
5185 WOOSTER ROAD WEST
Summit
NORTON, OH 44203
Bid $1,359,493.80

Ref #1	**201E11000**	**CLEARING AND GRUBBING, (LUMP SUM)**	
	Awd	$9,500.00	$9,500.00
Ref #2	**202E23000**	**PAVEMENT REMOVED, (720 SY)**	
	Awd	$17.00	$12,240.00
Ref #3	**202E23500**	**WEARING COURSE REMOVED, (490 SY)**	
	Awd	$5.00	$2,450.00
Ref #4	**202E38000**	**GUARDRAIL REMOVED, (632 FT)**	
	Awd	$3.00	$1,896.00
Ref #5	**203E10000**	**EXCAVATION, (765 CY)**	
	Awd	$24.00	$18,360.00
Ref #6	**203E20000**	**EMBANKMENT, (1108 CY)**	
	Awd	$32.00	$35,456.00
Ref #7	**204E10000**	**SUBGRADE COMPACTION, (1250 SY)**	
	Awd	$5.00	$6,250.00
Ref #8	**606E15050**	**GUARDRAIL, TYPE MGS, (262.5 FT)**	
	Awd	$25.00	$6,562.50
Ref #9	**606E26100**	**ANCHOR ASSEMBLY, TYPE E, (NCHRP 350 OR MASH 2016), (4 EACH)**	
	Awd	$2,650.00	$10,600.00
Ref #10	**606E35002**	**MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, (4 EACH)**	
	Awd	$2,550.00	$10,200.00
Ref #11	**623E39600**	**MONUMENT ASSEMBLY RECONSTRUCTED TO GRADE, (2 EACH)**	
	Awd	$950.00	$1,900.00
Ref #12	**690E50350**	**SPECIAL - MAILBOX REMOVED AND RESET, (2 EACH)**	
	Awd	$600.00	$1,200.00

Section 1 - ROADWAY - Totals

Awd	**$116,614.50**

Ref #13	**601E32210**	**ROCK CHANNEL PROTECTION, TYPE C WITH AGGREGATE FIL, (199 CY)**	
	Awd	$115.00	$22,885.00
Ref #14	**659E00100**	**SOIL ANALYSIS TEST, (2 EACH)**	
	Awd	$98.00	$196.00
Ref #15	**659E00300**	**TOPSOIL, (330 CY)**	
	Awd	$54.00	$17,820.00
Ref #16	**659E10000**	**SEEDING AND MULCHING, (3020 SY)**	
	Awd	$1.05	$3,171.00
Ref #17	**659E14000**	**REPAIR SEEDING AND MULCHING, (151 SY)**	
	Awd	$0.80	$120.80
Ref #18	**659E20000**	**COMMERCIAL FERTILIZER, (0.41 TON)**	
	Awd	$865.85	$355.00
Ref #19	**659E31000**	**LIME, (0.61 ACRE)**	
	Awd	$157.38	$96.00
Ref #20	**659E35000**	**WATER, (20 MGAL)**	
	Awd	$1.00	$20.00
Ref #21	**832E15000**	**STORM WATER POLLUTION PREVENTION PLAN, (LUMP SUM)**	
	Awd	$2,000.00	$2,000.00

Ref #22	**832E15002**	**STORM WATER POLLUTION PREVENTION INSPECTIONS, (LUMP SUM)**	
	Awd	$6,000.00	$6,000.00
Ref #23	**832E15010**	**STORM WATER POLLUTION PREVENTION INSPECTION SOFTWA, (LUMP SUM)**	
	Awd	$8,000.00	$8,000.00
Ref #24	**832E30000**	**EROSION CONTROL, (12150 EACH)**	
	Awd	$1.00	$12,150.00

Section 2 - EROSION CONTROL - Totals

Awd	**$72,813.80**

Ref #25	**605E31100**	**AGGREGATE DRAINS, (208 FT)**	
	Awd	$23.00	$4,784.00
Ref #26	**611E99711**	**PRECAST REINFORCED CONCRETE OUTLET, AS PER PLAN, (4 EACH)**	
	Awd	$470.00	$1,880.00

Section 3 - DRAINAGE - Totals

Awd	**$6,664.00**

Ref #27	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE (1 1/4" DEPTH), (147 SY)**	
	Awd	$10.00	$1,470.00
Ref #28	**254E01000**	**PAVEMENT PLANING, ASPHALT CONCRETE (3" DEPTH), (522 SY)**	
	Awd	$20.00	$10,440.00
Ref #29	**301E56000**	**ASPHALT CONCRETE BASE, PG64-22, (449), (288 CY)**	
	Awd	$260.00	$74,880.00
Ref #30	**304E20000**	**AGGREGATE BASE, (205 CY)**	
	Awd	$100.00	$20,500.00
Ref #31	**407E10000**	**TACK COAT, (268 GAL)**	
	Awd	$4.00	$1,072.00
Ref #32	**441E70101**	**ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449), AS, (61 CY)**	
	Awd	$440.00	$26,840.00
Ref #33	**441E70300**	**ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449, (78 CY)**	
	Awd	$320.00	$24,960.00

Section 4 - PAVEMENT - Totals

Awd	**$160,162.00**

Ref #34	**621E00100**	**RPM, (10 EACH)**	
	Awd	$295.00	$2,950.00
Ref #35	**621E54000**	**RAISED PAVEMENT MARKER REMOVED, (14 EACH)**	
	Awd	$20.00	$280.00
Ref #36	**626E00110**	**BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL, (12 EACH)**	
	Awd	$10.00	$120.00
Ref #37	**630E02100**	**GROUND MOUNTED SUPPORT, NO. 2 POST, (41.9 FT)**	
	Awd	$15.00	$628.50
Ref #38	**630E03100**	**GROUND MOUNTED SUPPORT, NO. 3 POST, (28.7 FT)**	
	Awd	$16.00	$459.20

Ref #39	**630E80100**	**SIGN, FLAT SHEET, (2 SF)**	
	Awd	$50.00	$100.00
Ref #40	**630E85100**	**REMOVAL OF GROUND MOUNTED SIGN AND REERECTION, (4 EACH)**	
	Awd	$55.00	$220.00
Ref #41	**630E86002**	**REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSA, (4 EACH)**	
	Awd	$20.00	$80.00
Ref #42	**646E10010**	**EDGE LINE, 6", (0.22 MILE)**	
	Awd	$18,490.00	$4,067.80
Ref #43	**646E10200**	**CENTER LINE, (0.08 MILE)**	
	Awd	$29,100.00	$2,328.00
Ref #44	**646E20301**	**LANE ARROW, AS PER PLAN, (2 EACH)**	
	Awd	$200.00	$400.00
Ref #45	**646E20600**	**BIKE LANE SYMBOL MARKING, (2 EACH)**	
	Awd	$200.00	$400.00

Section 5 - TRAFFIC CONTROL - Totals

Awd	**$12,033.50**

Ref #46	**614E12384**	**WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BI, (4 EACH)**	
	Awd	$2,000.00	$8,000.00
Ref #47	**614E12420**	**DETOUR SIGNING, (LUMP SUM)**	
	Awd	$4,500.00	$4,500.00
Ref #48	**614E12740**	**WORK ZONE LIGHTING SYSTEM, (2 EACH)**	
	Awd	$18,000.00	$36,000.00
Ref #49	**614E13000**	**ASPHALT CONCRETE FOR MAINTAINING TRAFFIC, (10 CY)**	
	Awd	$200.00	$2,000.00
Ref #50	**614E13310**	**BARRIER REFLECTOR, TYPE 1, BIDIRECTIONAL, (28 EACH)**	
	Awd	$28.00	$784.00
Ref #51	**614E13312**	**BARRIER REFLECTOR, TYPE 2, BIDIRECTIONAL, (13 EACH)**	
	Awd	$48.00	$624.00
Ref #52	**614E13360**	**OBJECT MARKER, TWO WAY, (41 EACH)**	
	Awd	$30.00	$1,230.00
Ref #53	**614E21200**	**WORK ZONE CENTER LINE, CLASS I, 740.06, TYPE I, (0.18 MILE)**	
	Awd	$13,500.00	$2,430.00
Ref #54	**614E21550**	**WORK ZONE CENTER LINE, CLASS III, 642 PAINT, (0.05 MILE)**	
	Awd	$14,770.00	$738.50
Ref #55	**614E22210**	**WORK ZONE EDGE LINE, CLASS I, 6", 740.06, TYPE I, (0.78 MILE)**	
	Awd	$10,750.00	$8,385.00
Ref #56	**614E22360**	**WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT, (0.1 MILE)**	
	Awd	$6,995.00	$699.50
Ref #57	**614E26400**	**WORK ZONE STOP LINE, CLASS I, 740.06, TYPE I, (24 FT)**	
	Awd	$14.00	$336.00
Ref #58	**614E98200**	**WORK ZONE PAVEMENT MARKING, MISC.: BIKE LANE MARKE, (5 EACH)**	
	Awd	$400.00	$2,000.00
Ref #59	**615E10000**	**ROADS FOR MAINTAINING TRAFFIC, (LUMP SUM)**	
	Awd	$8,000.00	$8,000.00

Ref #60	**615E25001**	**PAVEMENT FOR MAINTAINING TRAFFIC, CLASS B, AS PER , (242 SY)**	
	Awd	$115.00	$27,830.00
Ref #61	**616E10000**	**WATER, (15 MGAL)**	
	Awd	$1.00	$15.00
Ref #62	**622E41100**	**PORTABLE BARRIER, UNANCHORED, (830 FT)**	
	Awd	$26.00	$21,580.00
Ref #63	**622E41110**	**PORTABLE BARRIER, ANCHORED, (130 FT)**	
	Awd	$62.00	$8,060.00

Section 6 - MAINTENANCE OF TRAFFIC - Totals

Awd	**$133,212.00**

Ref #64	**202E11203**	**PORTIONS OF STRUCTURE REMOVED, OVER 20 FOOT SPAN, , (LUMP SUM)**	
	Awd	$120,000.00	$120,000.00
Ref #65	**202E22900**	**APPROACH SLAB REMOVED, (133 SY)**	
	Awd	$48.00	$6,384.00
Ref #66	**202E98000**	**REMOVAL MISC.: WORK INVOLVING ASBESTOS CONTAINING , (LUMP SUM)**	
	Awd	$200.00	$200.00
Ref #67	**503E11100**	**COFFERDAMS AND EXCAVATION BRACING, (LUMP SUM)**	
	Awd	$73,300.00	$73,300.00
Ref #68	**503E21100**	**UNCLASSIFIED EXCAVATION, (138 CY)**	
	Awd	$96.00	$13,248.00
Ref #69	**507E71200**	**SPECIAL - PILE ENCASEMENT, (208 FT)**	
	Awd	$230.00	$47,840.00
Ref #70	**509E10000**	**EPOXY COATED STEEL REINFORCEMENT, (42784 LB)**	
	Awd	$2.00	$85,568.00
Ref #71	**509E20001**	**CONCRETE REINFORCEMENT, REPLACEMENT OF EXISTING CO, (25 LB)**	
	Awd	$120.00	$3,000.00
Ref #72	**510E10000**	**DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, (152 EACH)**	
	Awd	$50.00	$7,600.00
Ref #73	**511E34446**	**CLASS QC2 CONCRETE WITH QC/QA, BRIDGE DECK, (169 CY)**	
	Awd	$1,200.00	$202,800.00
Ref #74	**511E44110**	**CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING, (27 CY)**	
	Awd	$700.00	$18,900.00
Ref #75	**512E10100**	**SEALING OF CONCRETE SURFACES (EPOXY-URETHANE), (207 SY)**	
	Awd	$36.00	$7,452.00
Ref #76	**512E10600**	**CONCRETE REPAIR BY EPOXY INJECTION, (2 FT)**	
	Awd	$200.00	$400.00
Ref #77	**512E33000**	**TYPE 2 WATERPROOFING, (44 SY)**	
	Awd	$30.00	$1,320.00
Ref #78	**516E13600**	**1" PREFORMED EXPANSION JOINT FILLER, (23 SF)**	
	Awd	$10.00	$230.00
Ref #79	**517E70001**	**RAILING (TWIN STEEL TUBE), AS PER PLAN, (156 FT)**	
	Awd	$450.00	$70,200.00
Ref #80	**518E21200**	**POROUS BACKFILL WITH GEOTEXTILE FABRIC, (43 CY)**	
	Awd	$100.00	$4,300.00

Ref #81	**518E40000**	**6" PERFORATED CORRUGATED PLASTIC PIPE, (106 FT)**		
	Awd	$12.00	$1,272.00	
Ref #82	**518E40010**	**6" NON-PERFORATED CORRUGATED PLASTIC PIPE, INCLUDI, (40 FT)**		
	Awd	$12.00	$480.00	
Ref #83	**519E11101**	**PATCHING CONCRETE STRUCTURE, AS PER PLAN, (7 SF)**		
	Awd	$200.00	$1,400.00	
Ref #84	**526E10011**	**REINFORCED CONCRETE APPROACH SLABS WITH QC/QA (T=1, (148 SY)**		
	Awd	$325.00	$48,100.00	
Ref #85	**526E90010**	**TYPE A INSTALLATION, (90 FT)**		
	Awd	$160.00	$14,400.00	
Ref #86	**846E00110**	**POLYMER MODIFIED ASPHALT EXPANSION JOINT SYSTEM, (38 CF)**		
	Awd	$575.00	$21,850.00	

Section 7 - STRUCTURE OVER 20 FOOT SPAN (BRIDGE NO. - Totals

Awd **$750,244.00**

Ref #87	**103E05000**	**PREMIUM FOR CONTRACT PERFORMANCE BOND AND FOR PAYM, (LUMP SUM)**		
	Awd	$12,500.00	$12,500.00	
Ref #88	**614E11000**	**MAINTAINING TRAFFIC, (LUMP SUM)**		
	Awd	$30,000.00	$30,000.00	
Ref #89	**619E16010**	**FIELD OFFICE, TYPE B, (7 MNTH)**		
	Awd	$750.00	$5,250.00	
Ref #90	**623E10000**	**CONSTRUCTION LAYOUT STAKES AND SURVEYING, (LUMP SUM)**		
	Awd	$10,000.00	$10,000.00	
Ref #91	**624E10000**	**MOBILIZATION, (LUMP SUM)**		
	Awd	$50,000.00	$50,000.00	

Section 8 - INCIDENTALS - Totals

Awd **$107,750.00**