

General Info

Number: PROJECT NO. 43-24-04 - PART A AND PART B

Description: SCOPE OF WORK – PART A
BRIDGE DECK REPLACEMENT AND REHABILITATION
FOUGHT ROAD (C.R. 106) OVER OHIO TURNPIKE M.P. 86.6,
SHANNON ROAD (C.R. 234) OVER OHIO TURNPIKE M.P. 93.0,
CARLEY ROAD (T.R. 202) OVER OHIO TURNPIKE M.P. 94.7
SANDUSKY COUNTY, OHIO

SCOPE OF WORK – PART B
CULVERT REHABILITATION
CARLEY ROAD (T.R. 202) OVER YELLOW SWALE, N. of M.P. 94.7
SANDUSKY COUNTY, OHIO

Deadline: FEBRUARY 14, 2024 @ 2:00 P.M. (EASTERN TIME)

(Estimated Cost: \$6,5000,000.00)

Bids**Business****Bid Total**

Mosser Construction

\$6,841,606.00

MOSSER CONSTRUCTION**PART A AND PART B GENERAL (Ref. Nos. 1 - 6)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	IB.ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1.00	LUMP SUM	\$44,000.00	\$44,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP SUM	\$240,000.00	\$240,000.00
3	SP 614ZP	ZONE PERSON WITH ZONE VEHICLE	2,250.00	HOURS	\$85.00	\$191,250.00
4	SP 619	FIELD OFFICE	1.00	MONTH	\$23,000.00	\$23,000.00
5	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP SUM	\$75,000.00	\$75,000.00
6	624	MOBILIZATION	1.00	LUMP SUM	\$200,000.00	\$200,000.00
Total:						\$773,250.00

PART A STRUCTURES - MP 86.6 (Ref. Nos. 7 - 62)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
7	201	CLEARING AND GRUBBING	1.00	LUMP SUM	\$10,000.00	\$10,000.00
8	202	PAVEMENT REMOVED, ASPHALT, AS PER PLAN	421.00	SQ. YD.	\$13.00	\$5,473.00
9	202	CURB REMOVED	171.00	FOOT	\$5.00	\$855.00
10	202	GUARDRAIL REMOVED	325.00	FOOT	\$7.00	\$2,275.00
11	202	BRIDGE TERMINAL ASSEMBLY REMOVED	4.00	EACH	\$1,200.00	\$4,800.00
12	202	FENCE REMOVED	300.00	FOOT	\$14.00	\$4,200.00
13	202	APPROACH SLAB REMOVED	105.00	SQ. YD.	\$90.00	\$9,450.00
14	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$263,000.00	\$263,000.00
15	203	EXCAVATION	911.00	CU. YD.	\$29.00	\$26,419.00
16	203	EMBANKMENT	46.00	CU. YD.	\$37.00	\$1,702.00
17	204	SUBGRADE COMPACTION	491.00	SQ. YD.	\$8.00	\$3,928.00
18	204	EXCAVATION OF SUBGRADE	200.00	CU. YD.	\$25.00	\$5,000.00
19	204	GRANULAR MATERIAL, TYPE C	200.00	CU. YD.	\$60.00	\$12,000.00
20	204	PROOF ROLLING	1.00	HOUR	\$300.00	\$300.00
21	204	GEOTEXTILE FABRIC	625.00	SQ. YD.	\$3.00	\$1,875.00
22	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	291.00	SQ. YD.	\$12.50	\$3,637.50
23	SP 302	ASPHALT CONCRETE BASE, PG64-22	31.00	CU. YD.	\$300.00	\$9,300.00
24	SP 304	AGGREGATE BASE	103.00	CU. YD.	\$195.00	\$20,085.00
25	407	NON-TRACKING TACK COAT	95.00	GALLON	\$1.00	\$95.00
26	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22	24.00	CU. YD.	\$450.00	\$10,800.00
27	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (449)	37.00	CU. YD.	\$400.00	\$14,800.00
28	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	62,403.00	POUND	\$2.00	\$124,806.00
29	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	74.00	EACH	\$38.00	\$2,812.00
30	SP 511 (QC2)	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB	175.00	CU. YD.	\$1,500.00	\$262,500.00
31	SP 511 (QC2)	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT	69.00	CU. YD.	\$1,500.00	\$103,500.00
32	SP 511 (QC2)	CLASS QC2 CONCRETE, ABUTMENT SLABS	24.00	CU. YD.	\$600.00	\$14,400.00
33	511	CLASS QC1 CONCRETE, PIER CAP	1.00	CU. YD.	\$2,500.00	\$2,500.00
34	513	WELDED STUD SHEAR CONNECTORS	2,265.00	EACH	\$4.25	\$9,626.25
35	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)	35.00	EACH	\$4,200.00	\$147,000.00

36	SP 516A	CRACK REPAIR USING EPOXY INJECTION	65.00	FOOT	\$90.00	\$5,850.00
37	SP 516B	SEALING OF CONSTRUCTION JOINTS	456.00	FOOT	\$5.00	\$2,280.00
38	SP 519	PATCHING OF CONCRETE STRUCTURES	138.00	SQ. FT.	\$145.00	\$20,010.00
39	526	REINFORCED CONCRETE APPROACH SLABS	106.00	SQ. YD.	\$500.00	\$53,000.00
40	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$250,000.00	\$250,000.00
41	SP 533	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	60.00	FOOT	\$1,100.00	\$66,000.00
42	SP 533	1 1/2" COMPRESSION STRIP SEAL IN STRUCTURAL STEEL JOINT	60.00	FOOT	\$1,000.00	\$60,000.00
43	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	924.00	SQ. YD.	\$8.50	\$7,854.00
44	SP 536	CONCRETE WEATHERPROOFING, PARAPETS	439.00	SQ. YD.	\$8.50	\$3,731.50
45	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	338.00	SQ. YD.	\$8.50	\$2,873.00
46	601	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN	255.00	SQ. YD.	\$115.00	\$29,325.00
47	606	GUARDRAIL REBUILT, TYPE MGS USING LONG POSTS	325.00	FOOT	\$29.00	\$9,425.00
48	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.00	EACH	\$2,900.00	\$11,600.00
49	607	FENCE, TYPE 47, AS PER PLAN	300.00	FOOT	\$21.00	\$6,300.00
50	SP 607	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	456.00	FOOT	\$128.00	\$58,368.00
51	609	CURB TYPE 6	171.00	FOOT	\$36.00	\$6,156.00
52	611	CATCH BASIN ADJUSTED TO GRADE	4.00	EACH	\$1,200.00	\$4,800.00
53	630	GROUND MOUNTED SUPPORT, NO. 3 POST	15.00	FEET	\$30.00	\$450.00
54	630	SIGN, FLAT SHEET	9.00	SQ. FT.	\$30.00	\$270.00
55	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	1.00	EACH	\$100.00	\$100.00
56	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	2.00	EACH	\$100.00	\$200.00
57	642	EDGE LINE, 6", TYPE 1	0.21	MILE	\$3,500.00	\$735.00
58	642	CENTER LINE, 6", TYPE 1	0.10	MILE	\$3,500.00	\$350.00
59	659	SEEDING AND MULCHING, CLASS 3B	701.00	SQ. YD.	\$3.50	\$2,453.50
60	670	SLOPE EROSION PROTECTION	531.00	SQ. YD.	\$4.00	\$2,124.00
61	863	GEOGRID, TYPE P2	1,477.00	SQ. YD.	\$5.00	\$7,385.00
62	863	REINFORCED EMBANKMENT	921.00	CU. YD.	\$33.00	\$30,393.00
					Total:	\$1,719,171.75

PART A STRUCTURES - MP 93.0 (Ref. Nos. 63 - 111)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
63	201	CLEARING AND GRUBBING	1.00	LUMP SUM	\$10,000.00	\$10,000.00
64	202	PAVEMENT REMOVED, ASPHALT, AS PER PLAN	827.00	SQ. YD.	\$13.00	\$10,751.00
65	202	CURB REMOVED	536.00	FOOT	\$5.00	\$2,680.00
66	202	GUARDRAIL REMOVED	525.00	FOOT	\$7.00	\$3,675.00
67	202	BRIDGE TERMINAL ASSEMBLY REMOVED	4.00	EACH	\$1,200.00	\$4,800.00
68	202	FENCE REMOVED	285.00	FOOT	\$14.00	\$3,990.00
69	202	APPROACH SLAB REMOVED	102.00	SQ. YD.	\$95.00	\$9,690.00
70	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$263,000.00	\$263,000.00
71	203	EXCAVATION	1,064.00	CU. YD.	\$40.00	\$42,560.00
72	203	EMBANKMENT	102.00	CU. YD.	\$35.00	\$3,570.00
73	204	SUBGRADE COMPACTION	947.00	SQ. YD.	\$8.00	\$7,576.00
74	204	PROOF ROLLING	1.00	HOURL	\$300.00	\$300.00

75	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	43.00	SQ. YD.	\$12.50	\$537.50
76	SP 302	ASPHALT CONCRETE BASE, PG64-22	76.00	CU. YD.	\$300.00	\$22,800.00
77	SP 304	AGGREGATE BASE	158.00	CU. YD.	\$170.00	\$26,860.00
78	407	NON-TRACKING TACK COAT	102.00	GALLON	\$1.00	\$102.00
79	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22	33.00	CU. YD.	\$450.00	\$14,850.00
80	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (449)	47.00	CU. YD.	\$400.00	\$18,800.00
81	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	59,181.00	POUND	\$2.00	\$118,362.00
82	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	70.00	EACH	\$42.00	\$2,940.00
83	SP 511 (QC2)	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB	169.00	CU. YD.	\$1,600.00	\$270,400.00
84	SP 511 (QC2)	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT	65.00	CU. YD.	\$1,650.00	\$107,250.00
85	SP 511 (QC2)	CLASS QC2 CONCRETE, ABUTMENT SLABS	24.00	CU. YD.	\$650.00	\$15,600.00
86	511	CLASS QC1 CONCRETE, PIER CAP	2.00	CU. YD.	\$2,500.00	\$5,000.00
87	511	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	1.00	CU. YD.	\$2,200.00	\$2,200.00
88	513	WELDED STUD SHEAR CONNECTORS	2,400.00	EACH	\$4.25	\$10,200.00
89	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)	35.00	EACH	\$4,200.00	\$147,000.00
90	SP 516A	CRACK REPAIR USING EPOXY INJECTION	25.00	FOOT	\$105.00	\$2,625.00
91	SP 516B	SEALING OF CONSTRUCTION JOINTS	430.00	FOOT	\$6.00	\$2,580.00
92	SP 519	PATCHING OF CONCRETE STRUCTURES	134.00	SQ. FT.	\$145.00	\$19,430.00
93	526	REINFORCED CONCRETE APPROACH SLABS	100.00	SQ. YD.	\$525.00	\$52,500.00
94	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$252,000.00	\$252,000.00
95	SP 533	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	59.00	FOOT	\$1,100.00	\$64,900.00
96	SP 533	1 1/2" COMPRESSION STRIP SEAL IN STRUCTURAL STEEL JOINT	59.00	FOOT	\$1,000.00	\$59,000.00
97	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	905.00	SQ. YD.	\$8.50	\$7,692.50
98	SP 536	CONCRETE WEATHERPROOFING, PARAPETS	416.00	SQ. YD.	\$8.50	\$3,536.00
99	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	337.00	SQ. YD.	\$8.50	\$2,864.50
100	601	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN	233.00	SQ. YD.	\$110.00	\$25,630.00
101	606	GUARDRAIL REBUILT, TYPE MGS USING LONG POSTS	525.00	FOOT	\$29.00	\$15,225.00
102	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.00	EACH	\$2,900.00	\$11,600.00
103	607	FENCE, TYPE 47, AS PER PLAN	285.00	FOOT	\$21.00	\$5,985.00
104	SP 607	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	430.00	FOOT	\$128.00	\$55,040.00
105	609	ASPHALT CONCRETE CURB, TYPE 1	536.00	FOOT	\$34.00	\$18,224.00
106	642	EDGE LINE, 6", TYPE 1	0.20	MILE	\$3,500.00	\$700.00
107	642	CENTER LINE, 6", TYPE 1	0.10	MILE	\$3,500.00	\$350.00
108	659	SEEDING AND MULCHING, CLASS 3B	1,018.00	SQ. YD.	\$3.00	\$3,054.00
109	670	SLOPE EROSION PROTECTION	753.00	SQ. YD.	\$3.00	\$2,259.00
110	863	GEOGRID, TYPE P2	2,652.00	SQ. YD.	\$5.00	\$13,260.00
111	863	REINFORCED EMBANKMENT	1,129.00	CU. YD.	\$43.00	\$48,547.00
					Total:	\$1,792,495.50

PART A STRUCTURES - MP 94.7 (Ref. Nos. 112 - 156)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
112	201	CLEARING AND GRUBBING	1.00	LUMP SUM	\$10,000.00	\$10,000.00
113	202	PAVEMENT REMOVED, ASPHALT, AS PER PLAN	312.00	SQ. YD.	\$15.00	\$4,680.00

114	202	CURB REMOVED	100.00	FOOT	\$5.00	\$500.00
115	202	GUARDRAIL REMOVED	300.00	FOOT	\$7.00	\$2,100.00
116	202	BRIDGE TERMINAL ASSEMBLY REMOVED	4.00	EACH	\$1,200.00	\$4,800.00
117	202	APPROACH SLAB REMOVED	102.00	SQ. YD.	\$95.00	\$9,690.00
118	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$318,000.00	\$318,000.00
121	204	SUBGRADE COMPACTION	110.00	SQ. YD.	\$9.00	\$990.00
122	204	PROOF ROLLING	9.00	HOOR	\$40.00	\$360.00
123	254	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	312.00	SQ. YD.	\$12.50	\$3,900.00
124	SP 302	ASPHALT CONCRETE BASE, PG64-22	32.00	CU. YD.	\$300.00	\$9,600.00
125	SP 304	AGGREGATE BASE	83.00	CU. YD.	\$165.00	\$13,695.00
126	407	NON-TRACKING TACK COAT	57.00	GALLON	\$1.00	\$57.00
127	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG 64-22	22.00	CU. YD.	\$450.00	\$9,900.00
128	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (449)	16.00	CU. YD.	\$400.00	\$6,400.00
129	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	53,899.00	POUND	\$2.00	\$107,798.00
130	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	284.00	EACH	\$45.00	\$12,780.00
131	SP 511 (QC2)	CLASS QC2 CONCRETE, SUPERSTRUCTURE DECK SLAB	174.00	CU. YD.	\$1,600.00	\$278,400.00
132	SP 511 (QC2)	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE 1 CEMENT	65.00	CU. YD.	\$1,700.00	\$110,500.00
133	SP 511 (QC2)	CLASS QC2 CONCRETE, ABUTMENT SLABS	29.00	CU. YD.	\$700.00	\$20,300.00
134	511	CLASS QC1 CONCRETE, PIER CAP	12.00	CU. YD.	\$3,600.00	\$43,200.00
135	511	CLASS QC1 CONCRETE, ABUTMENT NOT INCLUDING FOOTING	30.00	CU. YD.	\$1,700.00	\$51,000.00
136	513	STRUCTURAL STEEL MEMBERS, LEVEL 2	193,000.00	POUND	\$3.75	\$723,750.00
137	513	WELDED STUD SHEAR CONNECTORS	3,585.00	EACH	\$4.25	\$15,236.25
138	SP 514A	FIELD PAINTING OF NEW AND EXISTING STEEL, INTERMEDIATE COAT, SYSTEM OZEU	1.00	LUMP SUM	\$48,000.00	\$48,000.00
139	SP 514A	FIELD PAINTING OF NEW AND EXISTING STEEL, FINISH COAT, SYSTEM OZEU	1.00	LUMP SUM	\$48,000.00	\$48,000.00
140	516	ELASTOMERIC BEARING WITH INTERNAL LAMINATES AND LOAD PLATE (NEOPRENE)	25.00	EACH	\$3,500.00	\$87,500.00
141	516	2" PREFORMED EXPANSION JOINT FILLER	32.00	SQ. FT.	\$15.00	\$480.00
142	SP 516B	SEALING OF CONSTRUCTION JOINTS	410.00	FOOT	\$5.00	\$2,050.00
143	SP 519	PATCHING OF CONCRETE STRUCTURES	163.00	SQ. FT.	\$140.00	\$22,820.00
144	526	REINFORCED CONCRETE APPROACH SLABS	107.00	SQ. YD.	\$515.00	\$55,105.00
145	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$165,000.00	\$165,000.00
146	SP 533	3" CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	64.00	FOOT	\$1,100.00	\$70,400.00
147	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	902.00	SQ. YD.	\$8.50	\$7,667.00
148	SP 536	CONCRETE WEATHERPROOFING, PARAPETS	375.00	SQ. YD.	\$8.50	\$3,187.50
149	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	340.00	SQ. YD.	\$8.50	\$2,890.00
150	601	CRUSHED AGGREGATE SLOPE PROTECTION, AS PER PLAN	259.00	SQ. YD.	\$110.00	\$28,490.00
151	606	GUARDRAIL REBUILT, TYPE MGS USING LONG POSTS	200.00	FOOT	\$29.00	\$5,800.00
152	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	4.00	EACH	\$2,900.00	\$11,600.00
153	SP 607	TYPE II FENCE, ALL ALUMINUM (6'-0" CHAIN LINK WITH SPECIALS)	416.00	FOOT	\$128.00	\$53,248.00
154	609	ASPHALT CONCRETE CURB, TYPE 1	75.00	FOOT	\$34.00	\$2,550.00
155	642	EDGE LINE, 6", TYPE 1	0.17	MILE	\$3,500.00	\$595.00
156	642	CENTER LINE, 6", TYPE 1	0.09	MILE	\$3,500.00	\$315.00

Total: \$2,373,333.75

PART B - CULVERT REHABILITATION (Ref. Nos. 157 - 168)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
157	203	ROADWAY, MISC.: CHANNEL SHAPING	1.00	LUMP	\$8,000.00	\$8,000.00
158	503	COFFERDAMS AND EXCAVATION BRACING	1.00	LUMP	\$22,000.00	\$22,000.00
159	503	UNCLASSIFIED EXCAVATION	1.00	LUMP	\$9,000.00	\$9,000.00
160	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	4,617.00	POUND	\$2.00	\$9,234.00
161	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT, AS PER PLAN	497.00	EACH	\$50.00	\$24,850.00
162	511	CLASS QC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING, AS PER PLAN	15.00	CU. YD.	\$3,200.00	\$48,000.00
163	511	CLASS QC1 CONCRETE, FOOTING	8.00	CU. YD.	\$2,000.00	\$16,000.00
164	511	CLASS QC1 CONCRETE, HEADWALL	5.00	CU. YD.	\$4,500.00	\$22,500.00
165	SP 516A	CRACK REPAIR USING EPOXY INJECTION	20.00	FOOT	\$150.00	\$3,000.00
166	SP 519A	PATCHING CONCRETE BOX CULVERTS	63.00	SQ. FT.	\$180.00	\$11,340.00
167	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	86.00	SQ. YD.	\$8.50	\$731.00
168	601	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	29.00	CU. YD.	\$300.00	\$8,700.00

Total: \$183,355.00

TOTAL BID AMOUNT (REF. NO. 1 THRU REF. NO. 168) ----- \$6,841,606.00