

**General Info**

**Number:** PROJECT NO. 43-24-03  
**Description:** BRIDGE DECK REPLACEMENT AND BRIDGE REMOVAL  
OHIO TURNPIKE OVER NORTH COAST INLAND TRAIL M.P. 83.3  
OHIO TURNPIKE OVER WAGGONER ROAD (C.R. 82) M.P. 83.3  
SANDUSKY COUNTY, OHIO

**Deadline:** APRIL 10, 2024 @ 2:00 P.M. (EASTERN TIME)

(Estimated cost: \$13,000,000.00)

**Bids**

<b>Business</b>	<b>Bid Total</b>
E.S. Wagner Company	\$10,030,769.82
Kokosing Construction Company, Inc.	\$12,913,215.18
Beaver Excavating Company	\$13,972,069.63

**E.S. WAGNER COMPANY****GENERAL (Ref. Nos. 1 - 5)**

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	\$40,000.00	\$40,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP SUM	\$200,000.00	\$200,000.00
3	SP 619	FIELD OFFICE	24.00	MONTH	\$850.00	\$20,400.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP SUM	\$26,289.00	\$26,289.00
5	624	MOBILIZATION	1.00	LUMP SUM	\$400,000.00	\$400,000.00
<b>Total:</b>						<b>\$686,689.00</b>

**ROADWAY (Ref. Nos. 6 - 34)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	201	CLEARING AND GRUBBING	1.00	LUMP	\$74,693.55	\$74,693.55
7	201	TREE REMOVED, 18"	2.00	EACH	\$250.00	\$500.00
8	201	TREE REMOVED, 30"	1.00	EACH	\$950.00	\$950.00
9	201	TREE REMOVED, 48"	2.00	EACH	\$1,025.00	\$2,050.00
10	201	TREE REMOVED, 60"	2.00	EACH	\$1,850.00	\$3,700.00
11	202	GUARDRAIL REMOVED, AS PER PLAN	1,076.00	FT	\$2.50	\$2,690.00
12	202	CONCRETE BARRIER REMOVED	437.00	FT	\$20.00	\$8,740.00
13	202	PAVEMENT REMOVED, AS PER PLAN	4,800.00	SY	\$10.00	\$48,000.00
14	202	HEADWALL REMOVED	2.00	EACH	\$700.00	\$1,400.00
15	202	PIPE REMOVED, 24" AND UNDER	352.00	FT	\$10.00	\$3,520.00
16	202	PIPE REMOVED, OVER 24"	62.00	FT	\$24.00	\$1,488.00
17	202	FENCE REMOVED	420.00	FT	\$2.40	\$1,008.00
18	203	EXCAVATION	2,681.00	CY	\$10.00	\$26,810.00
19	203	EMBANKMENT, AS PER PLAN	56,421.00	CY	\$20.20	\$1,139,704.20
20	204	SUBGRADE COMPACTION	16,732.00	SY	\$2.20	\$36,810.40
21	204	EXCAVATION OF SUBGRADE	100.00	CY	\$21.00	\$2,100.00
22	204	GRANULAR MATERIAL, TYPE B	100.00	CY	\$30.00	\$3,000.00
23	209	LINEAR GRADING, AS PER PLAN	19.00	STA	\$505.00	\$9,595.00
24	606	GUARDRAIL, TYPE MGS	38.00	FT	\$24.60	\$934.80
25	606	GUARDRAIL, TYPE MGS WITH LONG POSTS	1,838.00	FT	\$26.40	\$48,523.20
26	606	ANCHOR ASSEMBLY, MGS, TYPE B	1.00	EACH	\$2,920.00	\$2,920.00
27	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	2.00	EACH	\$3,150.00	\$6,300.00
28	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	2.00	EACH	\$676.00	\$1,352.00
29	607	FENCE, TYPE 47, AS PER PLAN	1,160.00	FT	\$18.20	\$21,112.00
30	608	DETECTABLE WARNING, AS PER PLAN	80.00	SF	\$145.00	\$11,600.00
31	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE B-50 OR C-50, AS PER PLAN	799.00	FT	\$158.00	\$126,242.00
32	SPECIAL	ROADWAY, MISC.: EXISTING STRUCTURE MONITORING	1.00	LUMP SUM	\$20,000.00	\$20,000.00
33	SPECIAL	ROADWAY, MISC.: SETTLEMENT PLATFORM	4.00	EACH	\$13,000.00	\$52,000.00
34	SPECIAL	ROADWAY, MISC.: VIBRATING WIRE PIEZOMETER	4.00	EACH	\$13,800.00	\$55,200.00
<b>Total:</b>						<b>\$1,712,943.15</b>

**EROSION CONTROL (Ref. Nos. 35 -49)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
35	601	TIED CONCRETE BLOCK MAT, TYPE 1	1.00	SY	\$500.00	\$500.00
36	601	ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC	16.00	CY	\$82.00	\$1,312.00
37	601	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	6.00	CY	\$185.00	\$1,110.00
38	659	SOIL ANALYSIS TEST	2.00	EACH	\$50.00	\$100.00
39	659	SEEDING AND MULCHING	18,246.00	SY	\$0.78	\$14,231.88
40	659	TOPSOIL	2,025.00	CY	\$15.00	\$30,375.00
41	659	REPAIR SEEDING AND MULCHING	912.00	SY	\$3.00	\$2,736.00
42	659	INTER-SEEDING	912.00	SY	\$0.30	\$273.60
43	659	COMMERCIAL FERTILIZER	2.50	TON	\$600.00	\$1,500.00
44	659	LIME	3.80	ACRE	\$5.00	\$19.00
45	659	WATER	101.00	MGAL	\$5.00	\$505.00

46	670	SLOPE EROSION PROTECTION	700.00	SY	\$2.50	\$1,750.00
47	832	STORM WATER POLLUTION PREVENTION PLAN	1.00	LUMP SUM	\$2,000.00	\$2,000.00
48	832	STORM WATER POLLUTION PREVENTION INSPECTIONS	1.00	LUMP SUM	\$17,550.00	\$17,550.00
49	832	EROSION CONTROL	25,000.00	EACH	\$1.00	\$25,000.00
<b>Total:</b>						<b>\$98,962.48</b>

**DRAINAGE (Ref. Nos. 50 - 64)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
50	602	CONCRETE MASONRY	6.00	CY	\$1,200.00	\$7,200.00
51	SP605	6" UNDERDRAIN OUTLET PIPE	94.00	FT	\$28.00	\$2,632.00
52	SP605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	2,054.00	FT	\$15.00	\$30,810.00
53	SP605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	2,854.00	FT	\$20.00	\$57,080.00
54	611	12" CONDUIT, TYPE D	63.00	FT	\$65.00	\$4,095.00
55	611	12" CONDUIT, TYPE B	59.00	FT	\$140.00	\$8,260.00
56	SP611	12" CONDUIT, TYPE F, 707.33	282.00	FT	\$35.00	\$9,870.00
57	SP611	15" CONDUIT, TYPE F, 707.33	70.00	FT	\$38.00	\$2,660.00
58	611	30" CONDUIT, TYPE A, 706.02	71.00	FT	\$200.00	\$14,200.00
59	611	58" X 91" CONDUIT, TYPE B, 706.04	66.00	FT	\$670.00	\$44,220.00
60	SP611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	7.00	EACH	\$1,200.00	\$8,400.00
61	SP611	CATCH BASIN, NO. 2-2B	1.00	EACH	\$2,000.00	\$2,000.00
62	SP611	PRECAST REINFORCED CONCRETE OUTLET	1.00	EACH	\$600.00	\$600.00
63	SPECIAL	12" PRECAST CONCRETE END SECTION	4.00	EACH	\$1,200.00	\$4,800.00
64	SPECIAL	15" PRECAST CONCRETE END SECTION	1.00	EACH	\$1,300.00	\$1,300.00
<b>Total:</b>						<b>\$198,127.00</b>

**PAVEMENT (Ref. Nos. 65 - 83)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
65	252	FULL DEPTH PAVEMENT SAWING	458.00	FT	\$3.25	\$1,488.50
66	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	1,350.00	SY	\$8.22	\$11,097.00
67	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=3")	1,310.00	SY	\$9.32	\$12,209.20
68	301	ASPHALT CONCRETE BASE, PG64-22	83.00	CY	\$328.93	\$27,301.19
69	SP302	ASPHALT CONCRETE BASE, PG64-22	3,978.00	CY	\$230.25	\$915,934.50
70	304	AGGREGATE BASE	632.00	CY	\$43.00	\$27,176.00
71	SP304	AGGREGATE BASE	2,481.00	CY	\$49.00	\$121,569.00
72	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22 (T=1-3/4")	239.00	CY	\$334.42	\$79,926.38
73	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR) (T=1-3/4")	362.00	CY	\$334.42	\$121,060.04
74	SP403	ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG76-22 (FR) (VARIABLE DEPTH)	36.00	CY	\$416.65	\$14,999.40
75	SP404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR) (T=1-1/2")	572.00	CY	\$482.44	\$275,955.68
76	407	NON-TRACKING TACK COAT	2,651.00	GAL	\$2.19	\$5,805.69
77	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	170.00	CY	\$350.86	\$59,646.20
78	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	125.00	CY	\$422.13	\$52,766.25
79	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1,808.00	FT	\$19.74	\$35,689.92
80	SP627	STONE SHOULDER PROTECTION	44.00	CY	\$144.47	\$6,356.68
81	617	SHOULDER PREPARATION	333.00	SY	\$8.58	\$2,857.14
82	617	WATER	2.00	MGAL	\$109.65	\$219.30
83	617	COMPACTED AGGREGATE	28.00	CY	\$120.61	\$3,377.08
<b>Total:</b>						<b>\$1,775,435.15</b>

**TRAFFIC CONTROL (Ref. Nos. 84 - 101)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
84	630	GROUND MOUNTED SUPPORT, NO. 3 POST	115.00	FT	\$19.00	\$2,185.00
85	630	SIGN, FLAT SHEET	63.00	SF	\$20.00	\$1,260.00
86	630	SIGN POST REFLECTOR	16.00	EACH	\$45.00	\$720.00
87	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	5.00	EACH	\$15.00	\$75.00

88	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	5.00	EACH	\$20.00	\$100.00
89	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	1.00	EACH	\$85.00	\$85.00
90	642	EDGE LINE, 6", TYPE 1	4.60	MILE	\$2,754.45	\$12,670.47
91	642	LANE LINE, 6", TYPE 1	4.40	MILE	\$1,187.16	\$5,223.50
92	621	RAISED PAVEMENT MARKERS	292.00	EACH	\$47.38	\$13,834.96
93	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	1.70	MILE	\$5,878.00	\$9,992.60
94	614	BARRIER REFLECTOR, TYPE 1 BIDIRECTIONAL	24.00	EACH	\$12.19	\$292.56
95	642	CROSSWALK LINE, 24", TYPE 1	72.00	FT	\$14.04	\$1,010.88
96	642	STOP LINE, TYPE 1	29.00	FT	\$14.21	\$412.09
97	642	CENTER LINE, TYPE 1, DASHED 4"	0.20	MILE	\$1,117.00	\$223.40
98	642	EDGE LINE, 4", TYPE 1, WHITE	0.10	MILE	\$1,900.60	\$190.06
99	642	LANE LINE, 4"	0.30	MILE	\$1,116.97	\$335.09
100	642	WORD ON PAVEMENT, 72"	4.00	EACH	\$292.41	\$1,169.64
101	642	TRANSVERSE/DIAGONAL LINE, TYPE 1	185.00	FT	\$11.70	\$2,164.50
<b>Total:</b>						\$51,944.75

#### MAINTENANCE OF TRAFFIC (Ref. Nos. 102 - 132)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
102	614	WORK ZONE IMPACT ATTENUATOR	10.00	EACH	\$2,460.00	\$24,600.00
103	614	REPLACEMENT SIGN	20.00	EACH	\$295.00	\$5,900.00
104	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$32,500.00	\$65,000.00
105	614	BARRIER REFLECTOR, TYPE B (ONE-WAY)	422.00	EACH	\$12.00	\$5,064.00
106	614	OBJECT MARKER, ONE WAY	210.00	EACH	\$20.00	\$4,200.00
107	614	OBJECT MARKER, TWO WAY	106.00	EACH	\$24.00	\$2,544.00
108	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	960.00	DAY	\$6.25	\$6,000.00
109	614	WORK ZONE LANE LINE, CLASS I, 6"	0.89	MILE	\$555.56	\$494.45
110	614	WORK ZONE EDGE LINE, CLASS I, 6", (WHITE)	1.46	MILE	\$1,549.74	\$2,262.62
111	614	WORK ZONE EDGE LINE, CLASS I, 8", (WHITE)	1.61	MILE	\$2,023.43	\$3,257.72
112	614	WORK ZONE EDGE LINE, CLASS I, 6", (YELLOW)	1.51	MILE	\$1,549.74	\$2,340.11
113	614	WORK ZONE EDGE LINE, CLASS I, 8", (YELLOW)	1.55	MILE	\$2,023.43	\$3,136.32
114	614	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	8,210.00	FT	\$1.17	\$9,605.70
115	SP 614B	WORK ZONE LANE LINE, 6"	0.39	MILE	\$6,684.03	\$2,606.77
116	SP 614B	WORK ZONE EDGE LINE, 6" (WHITE)	0.39	MILE	\$15,373.23	\$5,995.56
117	SP 614B	WORK ZONE EDGE LINE, 6" (YELLOW)	0.39	MILE	\$15,373.23	\$5,995.56
118	SP 614C	REMOVAL OF PAVEMENT MARKINGS	2.88	MILE	\$2,116.93	\$6,096.76
119	SP 614ZP	ZONE PERSON WITH ZONE VEHICLE	11,310.00	HRS	\$125.00	\$1,413,750.00
120	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	4,267.00	SY	\$225.00	\$960,075.00
121	616	WATER	120.00	MGAL	\$200.00	\$24,000.00
122	SP 621	RAISED PAVEMENT MARKER- STIMSONITE MODEL 101 LPCR	20.00	EACH	\$47.91	\$958.20
123	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	20.00	EACH	\$29.81	\$596.20
124	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING - STIMSONITE MODEL 101 LPCR	20.00	EACH	\$53.24	\$1,064.80
125	SP 622	PORTABLE BARRIER, 32", (BRIDGE MOUNTED)	900.00	FT	\$35.00	\$31,500.00
126	SP 622	PORTABLE BARRIER, 32", (WITH GLARE SCREEN)	5,290.00	FT	\$12.00	\$63,480.00
127	SP 622	PORTABLE BARRIER, 32", (WITHOUT GLARE SCREEN)	10,110.00	FT	\$13.00	\$131,430.00
128	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	25.00	EACH	\$12.00	\$300.00
129	SP 626A	CONSTRUCTION ZONE MARKER	3,464.00	EACH	\$9.50	\$32,908.00
130	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	48.00	SF	\$50.00	\$2,400.00
131	642	PAVEMENT MARKING, MISC.: FINAL PAVEMENT MARKING PREPARATION	2.88	MILE	\$3,023.45	\$8,707.54
132	SPECIAL	"SNAP" - MILL AND FILL	7,600.00	FT	\$10.96	\$83,296.00
<b>Total:</b>						\$2,909,565.31

#### STRUCTURES (Ref. Nos. 134- 136)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
134	SP202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$282,000.00	\$282,000.00
135	867	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL	1.00	LUMP SUM	\$65,000.00	\$65,000.00
136	SPECIAL	STRUCTURE JACKING AND SHIMMING	40.00	EACH	\$292.00	\$11,680.00

**Total:** \$358,680.00

**MP 83.3 (WAGGONER ROAD) STRUCTURES (Ref. Nos. 137 - 161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
137	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$266,000.00	\$266,000.00
138	202	APPROACH SLAB REMOVED	351.00	SQ. YD.	\$80.00	\$28,080.00
139	503	UNCLASSIFIED EXCAVATION (RETAINING WALL)	1.00	LUMP SUM	\$17,000.00	\$17,000.00
140	503	COFFERDAMS AND EXCAVATION BRACING	1.00	LUMP SUM	\$8,300.00	\$8,300.00
141	509	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	500.00	POUND	\$2.45	\$1,225.00
142	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	192,254.00	POUND	\$1.37	\$263,387.98
143	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	66.00	EACH	\$22.00	\$1,452.00
144	511	CLASS QC1 CONCRETE, RETAINING WALL, NOT INCLUDING FOOTING	57.00	CU. YD.	\$1,300.00	\$74,100.00
145	511	CLASS QC1 CONCRETE, FOOTING	37.00	CU. YD.	\$500.00	\$18,500.00
146	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK	506.00	CU. YD.	\$1,100.00	\$556,600.00
147	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPETS)	111.00	CU. YD.	\$950.00	\$105,450.00
148	SP 511(QC2)	CLASS QC2 CONCRETE, ABUTMENT SLAB	151.00	CU. YD.	\$625.00	\$94,375.00
149	513	WELDED STUD SHEAR CONNECTOR	9,840.00	EACH	\$3.95	\$38,868.00
150	SP 516B	SEALING OF CONSTRUCTION JOINTS	657.00	FOOT	\$7.00	\$4,599.00
151	SP 516G	REPLACE EXPANSION BEARING DEVICE	32.00	EACH	\$4,262.00	\$136,384.00
152	SP 516M	RESET EXISTING ROCKER BEARING	2.00	EACH	\$1,645.00	\$3,290.00
153	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	1.00	LUMP SUM	\$10,000.00	\$10,000.00
154	SP 519	PATCHING CONCRETE STRUCTURE	15.00	SQ. FT.	\$550.00	\$8,250.00
155	526	REINFORCED CONCRETE APPROACH SLABS (T = 12"), AS PER PLAN	465.00	SQ. YD.	\$290.00	\$134,850.00
156	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$165,000.00	\$165,000.00
157	SP 533	FOUR (4) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	269.00	FOOT	\$900.00	\$242,100.00
158	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	2,760.00	SQ. YD.	\$12.00	\$33,120.00
159	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	1,376.00	SQ. YD.	\$14.00	\$19,264.00
160	SP 536	CONCRETE WEATHERPROOFING, RETAINING WALL	144.00	SQ. YD.	\$22.00	\$3,168.00
161	601	CRUSHED AGGREGATE SLOPE PROTECTION	220.00	SQ. YD.	\$23.00	\$5,060.00

**Total:** \$2,238,422.98

**TOTAL BID AMOUNT (REF. NO. 1 THRU REF. NO. 161) -----**

**\$10,030,769.82**

**KOKOSING CONSTRUCTION COMPANY****GENERAL (Ref. Nos. 1 - 5)**

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	\$50,000.00	\$50,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP SUM	\$1,105,000.00	\$1,105,000.00
3	SP 619	FIELD OFFICE	24.00	MONTH	\$6,250.00	\$150,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP SUM	\$50,000.00	\$50,000.00
5	624	MOBILIZATION	1.00	LUMP SUM	\$400,000.00	\$400,000.00
<b>Total:</b>						\$1,755,000.00

**ROADWAY (Ref. Nos. 6 - 34)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	201	CLEARING AND GRUBBING	1.00	LUMP	\$1,000.00	\$1,000.00
7	201	TREE REMOVED, 18"	2.00	EACH	\$250.00	\$500.00
8	201	TREE REMOVED, 30"	1.00	EACH	\$950.00	\$950.00
9	201	TREE REMOVED, 48"	2.00	EACH	\$1,025.00	\$2,050.00
10	201	TREE REMOVED, 60"	2.00	EACH	\$1,850.00	\$3,700.00
11	202	GUARDRAIL REMOVED, AS PER PLAN	1,076.00	FT	\$4.00	\$4,304.00
12	202	CONCRETE BARRIER REMOVED	437.00	FT	\$55.00	\$24,035.00
13	202	PAVEMENT REMOVED, AS PER PLAN	4,800.00	SY	\$16.41	\$78,768.00
14	202	HEADWALL REMOVED	2.00	EACH	\$850.00	\$1,700.00
15	202	PIPE REMOVED, 24" AND UNDER	352.00	FT	\$15.00	\$5,280.00
16	202	PIPE REMOVED, OVER 24"	62.00	FT	\$40.00	\$2,480.00
17	202	FENCE REMOVED	420.00	FT	\$6.00	\$2,520.00
18	203	EXCAVATION	2,681.00	CY	\$15.00	\$40,215.00
19	203	EMBANKMENT, AS PER PLAN	56,421.00	CY	\$31.50	\$1,777,261.50
20	204	SUBGRADE COMPACTION	16,732.00	SY	\$2.75	\$46,013.00
21	204	EXCAVATION OF SUBGRADE	100.00	CY	\$30.00	\$3,000.00
22	204	GRANULAR MATERIAL, TYPE B	100.00	CY	\$100.00	\$10,000.00
23	209	LINEAR GRADING, AS PER PLAN	19.00	STA	\$65.00	\$1,235.00
24	606	GUARDRAIL, TYPE MGS	38.00	FT	\$22.00	\$836.00
25	606	GUARDRAIL, TYPE MGS WITH LONG POSTS	1,838.00	FT	\$28.00	\$51,464.00
26	606	ANCHOR ASSEMBLY, MGS, TYPE B	1.00	EACH	\$2,950.00	\$2,950.00
27	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	2.00	EACH	\$2,475.00	\$4,950.00
28	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	2.00	EACH	\$750.00	\$1,500.00
29	607	FENCE, TYPE 47, AS PER PLAN	1,160.00	FT	\$14.13	\$16,390.80
30	608	DETECTABLE WARNING, AS PER PLAN	80.00	SF	\$90.00	\$7,200.00
31	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE B-50 OR C-50, AS PER PLAN	799.00	FT	\$165.00	\$131,835.00
32	SPECIAL	ROADWAY, MISC.: EXISTING STRUCTURE MONITORING	1.00	LUMP SUM	\$15,000.00	\$15,000.00
33	SPECIAL	ROADWAY, MISC.: SETTLEMENT PLATFORM	4.00	EACH	\$750.00	\$3,000.00
34	SPECIAL	ROADWAY, MISC.: VIBRATING WIRE PIEZOMETER	4.00	EACH	\$4,325.00	\$17,300.00
<b>Total:</b>						\$2,257,437.30

**EROSION CONTROL (Ref. Nos. 35 -49)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
35	601	TIED CONCRETE BLOCK MAT, TYPE 1	1.00	SY	\$350.00	\$350.00
36	601	ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC	16.00	CY	\$300.00	\$4,800.00
37	601	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	6.00	CY	\$325.00	\$1,950.00
38	659	SOIL ANALYSIS TEST	2.00	EACH	\$50.00	\$100.00
39	659	SEEDING AND MULCHING	18,246.00	SY	\$0.78	\$14,231.88
40	659	TOPSOIL	2,025.00	CY	\$16.50	\$33,412.50
41	659	REPAIR SEEDING AND MULCHING	912.00	SY	\$0.40	\$364.80
42	659	INTER-SEEDING	912.00	SY	\$0.30	\$273.60
43	659	COMMERCIAL FERTILIZER	2.50	TON	\$600.00	\$1,500.00
44	659	LIME	3.80	ACRE	\$5.00	\$19.00
45	659	WATER	101.00	MGAL	\$5.00	\$505.00

46	670	SLOPE EROSION PROTECTION	700.00	SY	\$2.50	\$1,750.00
47	832	STORM WATER POLLUTION PREVENTION PLAN	1.00	LUMP SUM	\$1,865.00	\$1,865.00
48	832	STORM WATER POLLUTION PREVENTION INSPECTIONS	1.00	LUMP SUM	\$17,204.00	\$17,204.00
49	832	EROSION CONTROL	25,000.00	EACH	\$1.00	\$25,000.00
<b>Total:</b>						<b>\$103,325.78</b>

**DRAINAGE (Ref. Nos. 50 - 64)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
50	602	CONCRETE MASONRY	6.00	CY	\$2,700.00	\$16,200.00
51	SP605	6" UNDERDRAIN OUTLET PIPE	94.00	FT	\$40.00	\$3,760.00
52	SP605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	2,054.00	FT	\$11.00	\$22,594.00
53	SP605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	2,854.00	FT	\$13.50	\$38,529.00
54	611	12" CONDUIT, TYPE D	63.00	FT	\$53.00	\$3,339.00
55	611	12" CONDUIT, TYPE B	59.00	FT	\$120.00	\$7,080.00
56	SP611	12" CONDUIT, TYPE F, 707.33	282.00	FT	\$60.00	\$16,920.00
57	SP611	15" CONDUIT, TYPE F, 707.33	70.00	FT	\$66.00	\$4,620.00
58	611	30" CONDUIT, TYPE A, 706.02	71.00	FT	\$315.00	\$22,365.00
59	611	58" X 91" CONDUIT, TYPE B, 706.04	66.00	FT	\$950.00	\$62,700.00
60	SP611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	7.00	EACH	\$3,100.00	\$21,700.00
61	SP611	CATCH BASIN, NO. 2-2B	1.00	EACH	\$2,850.00	\$2,850.00
62	SP611	PRECAST REINFORCED CONCRETE OUTLET	1.00	EACH	\$450.00	\$450.00
63	SPECIAL	12" PRECAST CONCRETE END SECTION	4.00	EACH	\$2,200.00	\$8,800.00
64	SPECIAL	15" PRECAST CONCRETE END SECTION	1.00	EACH	\$2,250.00	\$2,250.00
<b>Total:</b>						<b>\$234,157.00</b>

**PAVEMENT (Ref. Nos. 65 - 83)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
65	252	FULL DEPTH PAVEMENT SAWING	458.00	FT	\$5.00	\$2,290.00
66	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	1,350.00	SY	\$14.50	\$19,575.00
67	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=3")	1,310.00	SY	\$9.00	\$11,790.00
68	301	ASPHALT CONCRETE BASE, PG64-22	83.00	CY	\$275.00	\$22,825.00
69	SP302	ASPHALT CONCRETE BASE, PG64-22	3,978.00	CY	\$225.00	\$895,050.00
70	304	AGGREGATE BASE	632.00	CY	\$87.50	\$55,300.00
71	SP304	AGGREGATE BASE	2,481.00	CY	\$70.00	\$173,670.00
72	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22 (T=1-3/4")	239.00	CY	\$315.00	\$75,285.00
73	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR) (T=1-3/4")	362.00	CY	\$315.00	\$114,030.00
74	SP403	ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG76-22 (FR) (VARIABLE DEPTH)	36.00	CY	\$625.00	\$22,500.00
75	SP404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR) (T=1-1/2")	572.00	CY	\$470.00	\$268,840.00
76	407	NON-TRACKING TACK COAT	2,651.00	GAL	\$4.00	\$10,604.00
77	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	170.00	CY	\$280.00	\$47,600.00
78	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	125.00	CY	\$320.00	\$40,000.00
79	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1,808.00	FT	\$11.50	\$20,792.00
80	SP627	STONE SHOULDER PROTECTION	44.00	CY	\$130.00	\$5,720.00
81	617	SHOULDER PREPARATION	333.00	SY	\$4.00	\$1,332.00
82	617	WATER	2.00	MGAL	\$160.00	\$320.00
83	617	COMPACTED AGGREGATE	28.00	CY	\$115.00	\$3,220.00
<b>Total:</b>						<b>\$1,790,743.00</b>

**TRAFFIC CONTROL (Ref. Nos. 84 - 101)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
84	630	GROUND MOUNTED SUPPORT, NO. 3 POST	115.00	FT	\$19.00	\$2,185.00
85	630	SIGN, FLAT SHEET	63.00	SF	\$20.00	\$1,260.00
86	630	SIGN POST REFLECTOR	16.00	EACH	\$45.00	\$720.00
87	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	5.00	EACH	\$15.00	\$75.00

88	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	5.00	EACH	\$20.00	\$100.00
89	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	1.00	EACH	\$85.00	\$85.00
90	642	EDGE LINE, 6", TYPE 1	4.60	MILE	\$1,000.00	\$4,600.00
91	642	LANE LINE, 6", TYPE 1	4.40	MILE	\$600.00	\$2,640.00
92	621	RAISED PAVEMENT MARKERS	292.00	EACH	\$44.50	\$12,994.00
93	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	1.70	MILE	\$4,125.00	\$7,012.50
94	614	BARRIER REFLECTOR, TYPE 1 BIDIRECTIONAL	24.00	EACH	\$12.00	\$288.00
95	642	CROSSWALK LINE, 24", TYPE 1	72.00	FT	\$4.00	\$288.00
96	642	STOP LINE, TYPE 1	29.00	FT	\$4.00	\$116.00
97	642	CENTER LINE, TYPE 1, DASHED 4"	0.20	MILE	\$6,000.00	\$1,200.00
98	642	EDGE LINE, 4", TYPE 1, WHITE	0.10	MILE	\$4,000.00	\$400.00
99	642	LANE LINE, 4"	0.30	MILE	\$2,000.00	\$600.00
100	642	WORD ON PAVEMENT, 72"	4.00	EACH	\$300.00	\$1,200.00
101	642	TRANSVERSE/DIAGONAL LINE, TYPE 1	185.00	FT	\$4.00	\$740.00
<b>Total:</b>						<b>\$36,503.50</b>

#### MAINTENANCE OF TRAFFIC (Ref. Nos. 102 - 132)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
102	614	WORK ZONE IMPACT ATTENUATOR	10.00	EACH	\$2,460.00	\$24,600.00
103	614	REPLACEMENT SIGN	20.00	EACH	\$525.00	\$10,500.00
104	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$110,000.00	\$220,000.00
105	614	BARRIER REFLECTOR, TYPE B (ONE-WAY)	422.00	EACH	\$9.00	\$3,798.00
106	614	OBJECT MARKER, ONE WAY	210.00	EACH	\$22.00	\$4,620.00
107	614	OBJECT MARKER, TWO WAY	106.00	EACH	\$23.50	\$2,491.00
108	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	960.00	DAY	\$19.00	\$18,240.00
109	614	WORK ZONE LANE LINE, CLASS I, 6"	0.89	MILE	\$600.00	\$534.00
110	614	WORK ZONE EDGE LINE, CLASS I, 6", (WHITE)	1.46	MILE	\$2,000.00	\$2,920.00
111	614	WORK ZONE EDGE LINE, CLASS I, 8", (WHITE)	1.61	MILE	\$5,000.00	\$8,050.00
112	614	WORK ZONE EDGE LINE, CLASS I, 6", (YELLOW)	1.51	MILE	\$2,000.00	\$3,020.00
113	614	WORK ZONE EDGE LINE, CLASS I, 8", (YELLOW)	1.55	MILE	\$5,000.00	\$7,750.00
114	614	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	8,210.00	FT	\$1.00	\$8,210.00
115	SP 614B	WORK ZONE LANE LINE, 6"	0.39	MILE	\$4,000.00	\$1,560.00
116	SP 614B	WORK ZONE EDGE LINE, 6" (WHITE)	0.39	MILE	\$12,000.00	\$4,680.00
117	SP 614B	WORK ZONE EDGE LINE, 6" (YELLOW)	0.39	MILE	\$12,000.00	\$4,680.00
118	SP 614C	REMOVAL OF PAVEMENT MARKINGS	2.88	MILE	\$1,320.00	\$3,801.60
119	SP 614ZP	ZONE PERSON WITH ZONE VEHICLE	11,310.00	HRS	\$85.00	\$961,350.00
120	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	4,267.00	SY	\$260.00	\$1,109,420.00
121	616	WATER	120.00	MGAL	\$40.00	\$4,800.00
122	SP 621	RAISED PAVEMENT MARKER- STIMSONITE MODEL 101 LPCR	20.00	EACH	\$45.00	\$900.00
123	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	20.00	EACH	\$28.00	\$560.00
124	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING - STIMSONITE MODEL 101 LPCR	20.00	EACH	\$50.00	\$1,000.00
125	SP 622	PORTABLE BARRIER, 32", (BRIDGE MOUNTED)	900.00	FT	\$55.00	\$49,500.00
126	SP 622	PORTABLE BARRIER, 32", (WITH GLARE SCREEN)	5,290.00	FT	\$24.00	\$126,960.00
127	SP 622	PORTABLE BARRIER, 32", (WITHOUT GLARE SCREEN)	10,110.00	FT	\$12.00	\$121,320.00
128	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	25.00	EACH	\$26.00	\$650.00
129	SP 626A	CONSTRUCTION ZONE MARKER	3,464.00	EACH	\$8.00	\$27,712.00
130	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	48.00	SF	\$55.00	\$2,640.00
131	642	PAVEMENT MARKING, MISC.: FINAL PAVEMENT MARKING PREPARATION	2.88	MILE	\$3,000.00	\$8,640.00
132	SPECIAL	"SNAP" - MILL AND FILL	7,600.00	FT	\$9.75	\$74,100.00
<b>Total:</b>						<b>\$2,819,006.60</b>

#### STRUCTURES (Ref. Nos. 134- 136)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
134	SP202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$565,000.00	\$565,000.00
135	867	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL	1.00	LUMP SUM	\$200,000.00	\$200,000.00
136	SPECIAL	STRUCTURE JACKING AND SHIMMING	40.00	EACH	\$3,000.00	\$120,000.00



**Total:** \$885,000.00

**MP 83.3 (WAGGONER ROAD) STRUCTURES (Ref. Nos. 137 - 161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
137	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$410,000.00	\$410,000.00
138	202	APPROACH SLAB REMOVED	351.00	SQ. YD.	\$130.00	\$45,630.00
139	503	UNCLASSIFIED EXCAVATION (RETAINING WALL)	1.00	LUMP SUM	\$55,000.00	\$55,000.00
140	503	COFFERDAMS AND EXCAVATION BRACING	1.00	LUMP SUM	\$1.00	\$1.00
141	509	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	500.00	POUND	\$2.50	\$1,250.00
142	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	192,254.00	POUND	\$1.75	\$336,444.50
143	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	66.00	EACH	\$55.00	\$3,630.00
144	511	CLASS QC1 CONCRETE, RETAINING WALL, NOT INCLUDING FOOTING	57.00	CU. YD.	\$2,200.00	\$125,400.00
145	511	CLASS QC1 CONCRETE, FOOTING	37.00	CU. YD.	\$850.00	\$31,450.00
146	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK	506.00	CU. YD.	\$1,500.00	\$759,000.00
147	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPETS)	111.00	CU. YD.	\$1,250.00	\$138,750.00
148	SP 511(QC2)	CLASS QC2 CONCRETE, ABUTMENT SLAB	151.00	CU. YD.	\$750.00	\$113,250.00
149	513	WELDED STUD SHEAR CONNECTOR	9,840.00	EACH	\$8.50	\$83,640.00
150	SP 516B	SEALING OF CONSTRUCTION JOINTS	657.00	FOOT	\$9.50	\$6,241.50
151	SP 516G	REPLACE EXPANSION BEARING DEVICE	32.00	EACH	\$5,500.00	\$176,000.00
152	SP 516M	RESET EXISTING ROCKER BEARING	2.00	EACH	\$2,200.00	\$4,400.00
153	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	1.00	LUMP SUM	\$10,500.00	\$10,500.00
154	SP 519	PATCHING CONCRETE STRUCTURE	15.00	SQ. FT.	\$600.00	\$9,000.00
155	526	REINFORCED CONCRETE APPROACH SLABS (T = 12"), AS PER PLAN	465.00	SQ. YD.	\$450.00	\$209,250.00
156	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$225,000.00	\$225,000.00
157	SP 533	FOUR (4) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	269.00	FOOT	\$825.00	\$221,925.00
158	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	2,760.00	SQ. YD.	\$12.00	\$33,120.00
159	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	1,376.00	SQ. YD.	\$14.00	\$19,264.00
160	SP 536	CONCRETE WEATHERPROOFING, RETAINING WALL	144.00	SQ. YD.	\$14.00	\$2,016.00
161	601	CRUSHED AGGREGATE SLOPE PROTECTION	220.00	SQ. YD.	\$54.00	\$11,880.00

**Total:** \$3,032,042.00

**TOTAL BID AMOUNT (REF. NO. 1 THRU REF. NO. 161) ----- \$12,913,215.18**

**BEAVER EXCAVATING COMPANY****GENERAL (Ref. Nos. 1 - 5)**

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	\$75,000.00	\$75,000.00
2	SP 614	MAINTAINING TRAFFIC	1.00	LUMP SUM	\$900,000.00	\$900,000.00
3	SP 619	FIELD OFFICE	24.00	MONTH	\$4,000.00	\$96,000.00
4	SP 623	CONSTRUCTION LAYOUT SURVEY	1.00	LUMP SUM	\$85,000.00	\$85,000.00
5	624	MOBILIZATION	1.00	LUMP SUM	\$400,000.00	\$400,000.00
<b>Total:</b>						\$1,556,000.00

**ROADWAY (Ref. Nos. 6 - 34)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
6	201	CLEARING AND GRUBBING	1.00	LUMP	\$40,000.00	\$40,000.00
7	201	TREE REMOVED, 18"	2.00	EACH	\$825.00	\$1,650.00
8	201	TREE REMOVED, 30"	1.00	EACH	\$1,800.00	\$1,800.00
9	201	TREE REMOVED, 48"	2.00	EACH	\$3,200.00	\$6,400.00
10	201	TREE REMOVED, 60"	2.00	EACH	\$4,500.00	\$9,000.00
11	202	GUARDRAIL REMOVED, AS PER PLAN	1,076.00	FT	\$4.00	\$4,304.00
12	202	CONCRETE BARRIER REMOVED	437.00	FT	\$35.00	\$15,295.00
13	202	PAVEMENT REMOVED, AS PER PLAN	4,800.00	SY	\$18.25	\$87,600.00
14	202	HEADWALL REMOVED	2.00	EACH	\$450.00	\$900.00
15	202	PIPE REMOVED, 24" AND UNDER	352.00	FT	\$20.00	\$7,040.00
16	202	PIPE REMOVED, OVER 24"	62.00	FT	\$33.00	\$2,046.00
17	202	FENCE REMOVED	420.00	FT	\$3.60	\$1,512.00
18	203	EXCAVATION	2,681.00	CY	\$25.00	\$67,025.00
19	203	EMBANKMENT, AS PER PLAN	56,421.00	CY	\$42.00	\$2,369,682.00
20	204	SUBGRADE COMPACTION	16,732.00	SY	\$1.65	\$27,607.80
21	204	EXCAVATION OF SUBGRADE	100.00	CY	\$35.00	\$3,500.00
22	204	GRANULAR MATERIAL, TYPE B	100.00	CY	\$52.00	\$5,200.00
23	209	LINEAR GRADING, AS PER PLAN	19.00	STA	\$650.00	\$12,350.00
24	606	GUARDRAIL, TYPE MGS	38.00	FT	\$22.00	\$836.00
25	606	GUARDRAIL, TYPE MGS WITH LONG POSTS	1,838.00	FT	\$28.00	\$51,464.00
26	606	ANCHOR ASSEMBLY, MGS, TYPE B	1.00	EACH	\$3,000.00	\$3,000.00
27	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	2.00	EACH	\$2,500.00	\$5,000.00
28	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	2.00	EACH	\$750.00	\$1,500.00
29	607	FENCE, TYPE 47, AS PER PLAN	1,160.00	FT	\$18.75	\$21,750.00
30	608	DETECTABLE WARNING, AS PER PLAN	80.00	SF	\$150.00	\$12,000.00
31	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE B-50 OR C-50, AS PER PLAN	799.00	FT	\$160.00	\$127,840.00
32	SPECIAL	ROADWAY, MISC.: EXISTING STRUCTURE MONITORING	1.00	LUMP SUM	\$40,000.00	\$40,000.00
33	SPECIAL	ROADWAY, MISC.: SETTLEMENT PLATFORM	4.00	EACH	\$15,000.00	\$60,000.00
34	SPECIAL	ROADWAY, MISC.: VIBRATING WIRE PIEZOMETER	4.00	EACH	\$10,000.00	\$40,000.00
<b>Total:</b>						\$3,026,301.80

**EROSION CONTROL (Ref. Nos. 35 -49)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
35	601	TIED CONCRETE BLOCK MAT, TYPE 1	1.00	SY	\$260.00	\$260.00
36	601	ROCK CHANNEL PROTECTION, TYPE D WITH GEOTEXTILE FABRIC	16.00	CY	\$225.00	\$3,600.00
37	601	ROCK CHANNEL PROTECTION, TYPE C WITH GEOTEXTILE FABRIC	6.00	CY	\$280.00	\$1,680.00
38	659	SOIL ANALYSIS TEST	2.00	EACH	\$50.00	\$100.00
39	659	SEEDING AND MULCHING	18,246.00	SY	\$0.78	\$14,231.88
40	659	TOPSOIL	2,025.00	CY	\$33.00	\$66,825.00
41	659	REPAIR SEEDING AND MULCHING	912.00	SY	\$0.40	\$364.80
42	659	INTER-SEEDING	912.00	SY	\$0.30	\$273.60
43	659	COMMERCIAL FERTILIZER	2.50	TON	\$600.00	\$1,500.00
44	659	LIME	3.80	ACRE	\$5.00	\$19.00
45	659	WATER	101.00	MGAL	\$5.00	\$505.00

46	670	SLOPE EROSION PROTECTION	700.00	SY	\$2.50	\$1,750.00
47	832	STORM WATER POLLUTION PREVENTION PLAN	1.00	LUMP SUM	\$2,500.00	\$2,500.00
48	832	STORM WATER POLLUTION PREVENTION INSPECTIONS	1.00	LUMP SUM	\$25,000.00	\$25,000.00
49	832	EROSION CONTROL	25,000.00	EACH	\$1.00	\$25,000.00
<b>Total:</b>						<b>\$143,609.28</b>

**DRAINAGE (Ref. Nos. 50 - 64)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
50	602	CONCRETE MASONRY	6.00	CY	\$1,900.00	\$11,400.00
51	SP605	6" UNDERDRAIN OUTLET PIPE	94.00	FT	\$85.00	\$7,990.00
52	SP605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	2,054.00	FT	\$17.00	\$34,918.00
53	SP605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	2,854.00	FT	\$23.00	\$65,642.00
54	611	12" CONDUIT, TYPE D	63.00	FT	\$65.00	\$4,095.00
55	611	12" CONDUIT, TYPE B	59.00	FT	\$82.00	\$4,838.00
56	SP611	12" CONDUIT, TYPE F, 707.33	282.00	FT	\$45.00	\$12,690.00
57	SP611	15" CONDUIT, TYPE F, 707.33	70.00	FT	\$50.00	\$3,500.00
58	611	30" CONDUIT, TYPE A, 706.02	71.00	FT	\$240.00	\$17,040.00
59	611	58" X 91" CONDUIT, TYPE B, 706.04	66.00	FT	\$800.00	\$52,800.00
60	SP611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	7.00	EACH	\$400.00	\$2,800.00
61	SP611	CATCH BASIN, NO. 2-2B	1.00	EACH	\$2,300.00	\$2,300.00
62	SP611	PRECAST REINFORCED CONCRETE OUTLET	1.00	EACH	\$550.00	\$550.00
63	SPECIAL	12" PRECAST CONCRETE END SECTION	4.00	EACH	\$1,500.00	\$6,000.00
64	SPECIAL	15" PRECAST CONCRETE END SECTION	1.00	EACH	\$1,560.00	\$1,560.00
<b>Total:</b>						<b>\$228,123.00</b>

**PAVEMENT (Ref. Nos. 65 - 83)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
65	252	FULL DEPTH PAVEMENT SAWING	458.00	FT	\$2.00	\$916.00
66	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=2")	1,350.00	SY	\$7.50	\$10,125.00
67	254	PAVEMENT PLANING, ASPHALT CONCRETE (T=3")	1,310.00	SY	\$8.50	\$11,135.00
68	301	ASPHALT CONCRETE BASE, PG64-22	83.00	CY	\$300.00	\$24,900.00
69	SP302	ASPHALT CONCRETE BASE, PG64-22	3,978.00	CY	\$210.00	\$835,380.00
70	304	AGGREGATE BASE	632.00	CY	\$84.00	\$53,088.00
71	SP304	AGGREGATE BASE	2,481.00	CY	\$74.00	\$183,594.00
72	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22 (T=1-3/4")	239.00	CY	\$305.00	\$72,895.00
73	SP402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR) (T=1-3/4")	362.00	CY	\$305.00	\$110,410.00
74	SP403	ASPHALT CONCRETE LEVELING COURSE, USING CRUSHED STONE, PG76-22 (FR) (VARIABLE DEPTH)	36.00	CY	\$380.00	\$13,680.00
75	SP404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR) (T=1-1/2")	572.00	CY	\$440.00	\$251,680.00
76	407	NON-TRACKING TACK COAT	2,651.00	GAL	\$2.00	\$5,302.00
77	441	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2 (448), PG64-22	170.00	CY	\$320.00	\$54,400.00
78	441	ASPHALT CONCRETE SURFACE COURSE, TYPE 1 (448), PG64-22	125.00	CY	\$385.00	\$48,125.00
79	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1,808.00	FT	\$18.00	\$32,544.00
80	SP627	STONE SHOULDER PROTECTION	44.00	CY	\$430.00	\$18,920.00
81	617	SHOULDER PREPARATION	333.00	SY	\$4.25	\$1,415.25
82	617	WATER	2.00	MGAL	\$185.00	\$370.00
83	617	COMPACTED AGGREGATE	28.00	CY	\$120.00	\$3,360.00
<b>Total:</b>						<b>\$1,732,239.25</b>

**TRAFFIC CONTROL (Ref. Nos. 84 - 101)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
84	630	GROUND MOUNTED SUPPORT, NO. 3 POST	115.00	FT	\$15.00	\$1,725.00
85	630	SIGN, FLAT SHEET	63.00	SF	\$30.00	\$1,890.00
86	630	SIGN POST REFLECTOR	16.00	EACH	\$50.00	\$800.00
87	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	5.00	EACH	\$25.00	\$125.00

88	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	5.00	EACH	\$25.00	\$125.00
89	630	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	1.00	EACH	\$150.00	\$150.00
90	642	EDGE LINE, 6", TYPE 1	4.60	MILE	\$2,355.00	\$10,833.00
91	642	LANE LINE, 6", TYPE 1	4.40	MILE	\$1,015.00	\$4,466.00
92	621	RAISED PAVEMENT MARKERS	292.00	EACH	\$45.00	\$13,140.00
93	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	1.70	MILE	\$4,125.00	\$7,012.50
94	614	BARRIER REFLECTOR, TYPE 1 BIDIRECTIONAL	24.00	EACH	\$13.50	\$324.00
95	642	CROSSWALK LINE, 24", TYPE 1	72.00	FT	\$12.00	\$864.00
96	642	STOP LINE, TYPE 1	29.00	FT	\$12.25	\$355.25
97	642	CENTER LINE, TYPE 1, DASHED 4"	0.20	MILE	\$955.00	\$191.00
98	642	EDGE LINE, 4", TYPE 1, WHITE	0.10	MILE	\$1,625.00	\$162.50
99	642	LANE LINE, 4"	0.30	MILE	\$955.00	\$286.50
100	642	WORD ON PAVEMENT, 72"	4.00	EACH	\$250.00	\$1,000.00
101	642	TRANSVERSE/DIAGONAL LINE, TYPE 1	185.00	FT	\$10.00	\$1,850.00
<b>Total:</b>						<b>\$45,299.75</b>

#### MAINTENANCE OF TRAFFIC (Ref. Nos. 102 - 132)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
102	614	WORK ZONE IMPACT ATTENUATOR	10.00	EACH	\$2,400.00	\$24,000.00
103	614	REPLACEMENT SIGN	20.00	EACH	\$150.00	\$3,000.00
104	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2.00	EACH	\$35,000.00	\$70,000.00
105	614	BARRIER REFLECTOR, TYPE B (ONE-WAY)	422.00	EACH	\$13.50	\$5,697.00
106	614	OBJECT MARKER, ONE WAY	210.00	EACH	\$22.00	\$4,620.00
107	614	OBJECT MARKER, TWO WAY	106.00	EACH	\$29.00	\$3,074.00
108	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	960.00	DAY	\$25.00	\$24,000.00
109	614	WORK ZONE LANE LINE, CLASS I, 6"	0.89	MILE	\$475.00	\$422.75
110	614	WORK ZONE EDGE LINE, CLASS I, 6", (WHITE)	1.46	MILE	\$1,325.00	\$1,934.50
111	614	WORK ZONE EDGE LINE, CLASS I, 8", (WHITE)	1.61	MILE	\$1,730.00	\$2,785.30
112	614	WORK ZONE EDGE LINE, CLASS I, 6", (YELLOW)	1.51	MILE	\$1,325.00	\$2,000.75
113	614	WORK ZONE EDGE LINE, CLASS I, 8", (YELLOW)	1.55	MILE	\$1,730.00	\$2,681.50
114	614	WORK ZONE CHANNELIZING LINE, CLASS I, 8"	8,210.00	FT	\$1.00	\$8,210.00
115	SP 614B	WORK ZONE LANE LINE, 6"	0.39	MILE	\$5,715.00	\$2,228.85
116	SP 614B	WORK ZONE EDGE LINE, 6" (WHITE)	0.39	MILE	\$13,145.00	\$5,126.55
117	SP 614B	WORK ZONE EDGE LINE, 6" (YELLOW)	0.39	MILE	\$13,145.00	\$5,126.55
118	SP 614C	REMOVAL OF PAVEMENT MARKINGS	2.88	MILE	\$1,825.00	\$5,256.00
119	SP 614ZP	ZONE PERSON WITH ZONE VEHICLE	11,310.00	HRS	\$95.00	\$1,074,450.00
120	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, AS PER PLAN	4,267.00	SY	\$245.00	\$1,045,415.00
121	616	WATER	120.00	MGAL	\$55.00	\$6,600.00
122	SP 621	RAISED PAVEMENT MARKER- STIMSONITE MODEL 101 LPCR	20.00	EACH	\$45.00	\$900.00
123	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	20.00	EACH	\$28.00	\$560.00
124	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING - STIMSONITE MODEL 101 LPCR	20.00	EACH	\$50.00	\$1,000.00
125	SP 622	PORTABLE BARRIER, 32", (BRIDGE MOUNTED)	900.00	FT	\$64.00	\$57,600.00
126	SP 622	PORTABLE BARRIER, 32", (WITH GLARE SCREEN)	5,290.00	FT	\$49.00	\$259,210.00
127	SP 622	PORTABLE BARRIER, 32", (WITHOUT GLARE SCREEN)	10,110.00	FT	\$25.00	\$252,750.00
128	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	25.00	EACH	\$10.00	\$250.00
129	SP 626A	CONSTRUCTION ZONE MARKER	3,464.00	EACH	\$6.30	\$21,823.20
130	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	48.00	SF	\$2.00	\$96.00
131	642	PAVEMENT MARKING, MISC.: FINAL PAVEMENT MARKING PREPARATION	2.88	MILE	\$2,585.00	\$7,444.80
132	SPECIAL	"SNAP" - MILL AND FILL	7,600.00	FT	\$10.00	\$76,000.00
<b>Total:</b>						<b>\$2,974,262.75</b>

#### STRUCTURES (Ref. Nos. 134- 136)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
134	SP202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$1,250,000.00	\$1,250,000.00
135	867	TEMPORARY WIRE FACED MECHANICALLY STABILIZED EARTH WALL	1.00	LUMP SUM	\$93,000.00	\$93,000.00
136	SPECIAL	STRUCTURE JACKING AND SHIMMING	40.00	EACH	\$1,200.00	\$48,000.00

**Total:** \$1,391,000.00

**MP 83.3 (WAGGONER ROAD) STRUCTURES (Ref. Nos. 137 - 161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
137	SP 202	PORTIONS OF STRUCTURE REMOVED	1.00	LUMP SUM	\$470,000.00	\$470,000.00
138	202	APPROACH SLAB REMOVED	351.00	SQ. YD.	\$48.00	\$16,848.00
139	503	UNCLASSIFIED EXCAVATION (RETAINING WALL)	1.00	LUMP SUM	\$75,000.00	\$75,000.00
140	503	COFFERDAMS AND EXCAVATION BRACING	1.00	LUMP SUM	\$1.00	\$1.00
141	509	REINFORCING STEEL, REPLACEMENT OF EXISTING REINFORCING STEEL	500.00	POUND	\$1.25	\$625.00
142	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	192,254.00	POUND	\$1.70	\$326,831.80
143	510	DOWEL HOLES WITH NONSHRINK, NONMETALLIC GROUT	66.00	EACH	\$35.00	\$2,310.00
144	511	CLASS QC1 CONCRETE, RETAINING WALL, NOT INCLUDING FOOTING	57.00	CU. YD.	\$2,000.00	\$114,000.00
145	511	CLASS QC1 CONCRETE, FOOTING	37.00	CU. YD.	\$900.00	\$33,300.00
146	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK	506.00	CU. YD.	\$1,350.00	\$683,100.00
147	SP 511(QC2)	CLASS QC2 CONCRETE, BRIDGE DECK (PARAPETS)	111.00	CU. YD.	\$1,160.00	\$128,760.00
148	SP 511(QC2)	CLASS QC2 CONCRETE, ABUTMENT SLAB	151.00	CU. YD.	\$715.00	\$107,965.00
149	513	WELDED STUD SHEAR CONNECTOR	9,840.00	EACH	\$4.00	\$39,360.00
150	SP 516B	SEALING OF CONSTRUCTION JOINTS	657.00	FOOT	\$14.00	\$9,198.00
151	SP 516G	REPLACE EXPANSION BEARING DEVICE	32.00	EACH	\$6,800.00	\$217,600.00
152	SP 516M	RESET EXISTING ROCKER BEARING	2.00	EACH	\$3,850.00	\$7,700.00
153	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	1.00	LUMP SUM	\$15,000.00	\$15,000.00
154	SP 519	PATCHING CONCRETE STRUCTURE	15.00	SQ. FT.	\$500.00	\$7,500.00
155	526	REINFORCED CONCRETE APPROACH SLABS (T = 12"), AS PER PLAN	465.00	SQ. YD.	\$435.00	\$202,275.00
156	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURES	1.00	LUMP SUM	\$85,000.00	\$85,000.00
157	SP 533	FOUR (4) INCH CONTINUOUS STRIP SEAL IN STRUCTURAL STEEL JOINT	269.00	FOOT	\$1,000.00	\$269,000.00
158	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS, AND APPROACH SLABS	2,760.00	SQ. YD.	\$12.00	\$33,120.00
159	SP 536	CONCRETE WEATHERPROOFING, SUBSTRUCTURE	1,376.00	SQ. YD.	\$14.00	\$19,264.00
160	SP 536	CONCRETE WEATHERPROOFING, RETAINING WALL	144.00	SQ. YD.	\$14.00	\$2,016.00
161	601	CRUSHED AGGREGATE SLOPE PROTECTION	220.00	SQ. YD.	\$43.00	\$9,460.00

**Total:** \$2,875,233.80

**TOTAL BID AMOUNT (REF. NO. 1 THRU REF. NO. 161) ----- \$13,972,069.63**