

**General Info**

**Number:** PROJECT NO. 39-18-02  
**Description:** PART A  
MAINLINE PAVEMENT RECONSTRUCTION  
MILEPOST 169.74 TO MILEPOST 176.34  
SUMMIT AND CUYAHOGA COUNTIES, OHIO  
  
PART B  
INTERCHANGE 173 REPAIRS AND RECONSTRUCTION  
MILEPOST 173  
SUMMIT AND CUYAHOGA COUNTIES, OHIO  
**Deadline:** FEBRUARY 6, 2018 AT 2:00 P.M. (EASTERN)

**(Estimated Cost: \$63,640,000.00)**

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

Anthony Allega Cement Contractor, Inc.	Waste Site Deduct Alternate - No Temporary Access Deduct Alternate - No	\$57,090,532.80
Kokosing Construction Company, Inc.	Waste Site Deduct Alternate - \$1,500,000.00 Temporary Access Deduct Alternate - \$250,000.00	\$58,613,888.73
The Shelly Company - Northeast Division	Waste Site Deduct Alternate - \$750,000.00 Temporary Access Deduct Alternate - \$10,000.00	\$59,564,798.94
Shelly & Sands, Inc.	Waste Site Deduct Alternate - \$900,000.00 Temporary Access Deduct Alternate - No	\$62,169,409.80

**ANTHONY ALLEGA CEMENT CONTRACTORS**

**39-18-02A - ROADWAY (Ref. Nos. 1 - 74)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LUMP	\$214,080.00	\$214,080.00
2	201	TREE REMOVED, 18" SIZE	658	EACH	\$445.50	\$293,139.00
3	201	TREE REMOVED, 30" SIZE	119	EACH	\$954.80	\$113,621.20
4	201	TREE REMOVED, 48" SIZE	30	EACH	\$1,727.00	\$51,810.00
5	SPECIAL	FENCELINE CLEARING AND GRUBBING	65109	FT	\$1.65	\$107,429.85
6	202	HEADWALL REMOVED	12	EACH	\$312.21	\$3,746.52
7	202	HEADWALL REMOVED, AS PER PLAN	1	EACH	\$6,234.69	\$6,234.69
8	202	PIPE REMOVED, 24" AND UNDER	636	FT	\$11.90	\$7,568.40
9	202	PIPE REMOVED, OVER 24"	191	FT	\$39.64	\$7,571.24
10	202	CATCH BASIN OR INLET REMOVED	5	EACH	\$378.53	\$1,892.65
11	202	FENCE REMOVED	65109	FT	\$1.65	\$107,429.85
12	202	GUARDRAIL REMOVED, AS PER PLAN	45451	FT	\$1.76	\$79,993.76
13	202	APPROACH SLAB REMOVED, TYPE 1, AS PER PLAN	334	SY	\$93.50	\$31,229.00
14	202	APPROACH SLAB REMOVED, TYPE 2, AS PER PLAN	1014	SY	\$93.50	\$94,809.00
15	202	APPROACH SLAB REMOVED, TYPE 3, AS PER PLAN	330	SY	\$93.50	\$30,855.00
16	202	APPROACH SLAB REMOVED, TYPE 4, AS PER PLAN	338	SY	\$93.50	\$31,603.00
17	202	CONCRETE BARRIER REMOVED	701	FT	\$9.63	\$6,750.63
18	202	PAVEMENT REMOVED, AS PER PLAN	284189	SY	\$7.92	\$2,250,776.88
19	202	GUTTER REMOVED	31	FT	\$14.52	\$450.12
20	202	STRUCTURE REMOVED, AS PER PLAN	1	EACH	\$6,234.69	\$6,234.69
21	202	PORTIONS OF STRUCTURES REMOVED, AS PER PLAN	20	CY	\$110.00	\$2,200.00
22	202	REMOVAL MISC.: SIGN FOUNDATION REMOVED	5	EACH	\$450.08	\$2,250.40
23	202	REMOVAL MISC.: MONITORING WELL ABANDONED	18	EACH	\$1,519.71	\$27,354.78
24	203	EXCAVATION FOR SLOPE EROSION PROTECTION	2879	CY	\$97.98	\$282,084.42
25	203	EXCAVATION	78356	CY	\$11.07	\$867,400.92
26	203	EMBANKMENT	29009	CY	\$3.40	\$98,630.60
27	203	GRANULAR EMBANKMENT	110	CY	\$57.03	\$6,273.30

28	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$21.24	\$38,232.00
29	203	EXCAVATION OF SLAG, AS PER PLAN	24000	CY	\$7.18	\$172,320.00
30	203	DISPOSAL OF SLAG, AS PER PLAN	24000	CY	\$5.25	\$126,000.00
31	204	EXCAVATION	178	CY	\$33.22	\$5,913.16
32	204	GEOTEXTILE FABRIC, 712.09, TYPE D	227	SY	\$2.49	\$565.23
33	204	SUBGRADE COMPACTION	2297	SY	\$1.38	\$3,169.86
34	SPECIAL	SCOUR HOLE REMEDIATION USING GRANULAR MATERIAL	1	LUMP	\$9,641.04	\$9,641.04
35	206	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP, AS PER PLAN	319232	SY	\$3.27	\$1,043,888.64
36	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$4.90	\$58,800.00
37	206	CEMENT	14010	TON	\$159.16	\$2,229,831.60
38	206	CURING COAT, AS PER PLAN	19630	GAL	\$4.29	\$84,212.70
39	206	TEST ROLLING	180	HOUR	\$309.43	\$55,697.40
40	209	LINER GRADING, AS PER PLAN	65578	FT	\$0.64	\$41,969.92
41	209	DITCH CLEANOUT	10760	FT	\$4.18	\$44,976.80
42	SPECIAL	CHANNEL CLEANOUT	727	SY	\$20.63	\$14,998.01
43	SPECIAL	CONCRETE CHANNEL CLEANOUT	5750	FT	\$9.49	\$54,567.50
44	SP 304	GRANULAR MATERIAL	360	TON	\$32.69	\$11,768.40
45	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	1	LUMP	\$535,200.00	\$535,200.00
46	SP 516A	CRACK REPAIR USING INJECTION	14	FT	\$110.00	\$1,540.00
47	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	400	CY	\$132.54	\$53,016.00
48	SP 519	PATCHING CONCRETE STRUCTURES	96	SF	\$165.00	\$15,840.00
49	526	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	2020	SY	\$324.50	\$655,490.00
50	526	TYPE A INSTALLATION, AS PER PLAN	280	FT	\$176.00	\$49,280.00
51	602	CONCRETE MASONRY, AS PER PLAN	2	CY	\$7,328.02	\$14,656.04
52	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	43203	FT	\$20.68	\$893,438.04
53	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	2000	FT	\$30.36	\$60,720.00
54	606	ANCHOR ASSEMBLY, MGS TYPE T, USING LONG STEEL POSTS	27	EACH	\$951.50	\$25,690.50

55	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, USING LONG STEEL POSTS	27	EACH	\$2,662.00	\$71,874.00
56	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN, USING LONG STEEL POSTS	1	EACH	\$3,877.50	\$3,877.50
57	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	13	EACH	\$533.50	\$6,935.50
58	606	GUARDRAIL REBUILT	50	FT	\$14.08	\$704.00
59	606	FLARED END SECTION	8	EACH	\$60.50	\$484.00
60	SP 606A	ANCHOR ASSEMBLY, MGS TYPE E	49	EACH	\$2,574.00	\$126,126.00
61	SP 606B	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL)	2	EACH	\$4,812.50	\$9,625.00
62	607	FENCE, TYPE 47, AS PER PLAN	65109	FT	\$7.15	\$465,529.35
63	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1612	FT	\$10.89	\$17,554.68
64	609	CURB, TYPE 4-C	485	FT	\$34.10	\$16,538.50
65	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	526	FT	\$219.45	\$115,430.70
66	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	2	EACH	\$3,630.00	\$7,260.00
67	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	18	EACH	\$3,630.00	\$65,340.00
68	622	CONCRETE BARRIER, TYPE B-50, AS PER PLAN	487	FT	\$176.00	\$85,712.00
69	622	PORTABLE CONCRETE BARRIER, 32", AS PER PLAN	152	FT	\$59.97	\$9,115.44
70	623	MONUMENT BOX RECONSTRUCTED TO GRADE	10	EACH	\$1,268.46	\$12,684.60
71	623	MONUMENT ASSEMBLY REMOVED AND RESET	2	EACH	\$2,258.16	\$4,516.32
72	SP 626	BARRIER REFLECTOR, TYPE A	522	EACH	\$7.15	\$3,732.30
73	SP 626	BARRIER REFLECTOR, TYPE B	45	EACH	\$7.15	\$321.75
74	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$5.84	\$1,325.68

**Total:** \$12,059,530.06

**39-18-02A - EROSION CONTROL (Ref. Nos. 75-102)**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Extension</b>
75	SP 113	SWPPP MANAGEMENT	1	LUMP	\$38,500.00	\$38,500.00
76	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	304	CY	\$146.10	\$44,414.40
77	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	1048	CY	\$174.78	\$183,169.44
78	601	PAVED GUTTER, TYPE 1-2	18	FT	\$355.82	\$6,404.76
79	601	TIED CONCRETE BLOCK MAT, TYPE 1	241	SY	\$196.96	\$47,467.36
80	659	SOIL ANALYSIS TEST	14	EACH	\$55.00	\$770.00
81	659	TOPSOIL	12752	CY	\$10.66	\$135,936.32
82	659	TOPSOIL FURNISHED AND PLACED	3304	CY	\$20.90	\$69,053.60
83	659	SEEDING AND MULCHING	106400	SY	\$0.70	\$74,480.00
84	659	SEEDING AND MULCHING, CLASS 3A	29766	SY	\$0.70	\$20,836.20
85	SPECIAL	FENCELINE SEEDING AND MULCHING	65109	FT	\$0.44	\$28,647.96
86	659	REPAIR SEEDING AND MULCHING	5320	SY	\$1.10	\$5,852.00
87	659	INTER-SEEDING	5320	SY	\$0.11	\$585.20
88	659	COMMERCIAL FERTILIZER	14.36	TON	\$715.00	\$10,267.40
89	659	LIME	22	ACRE	\$38.50	\$847.00
90	659	WATER	634	M GAL	\$1.10	\$697.40
91	659	MOWING, AS PER PLAN	51	MILE	\$797.50	\$40,672.50
92	671	EROSION CONTROL MAT, TYPE B	41251	SY	\$1.98	\$81,676.98
93	832	EROSION CONTROL	1	LUMP	\$9,900.00	\$9,900.00
94	832	INLET PROTECTION	1028	FT	\$35.93	\$36,936.04
95	832	SLOPE DRAIN	200	FT	\$33.80	\$6,760.00
96	832	CONSTRUCTION SEEDING AND MULCHING	112780	SY	\$0.66	\$74,434.80
97	832	WINTER SEEDING AND MULCHING	25000	SY	\$1.10	\$27,500.00
98	832	PERIMETER FILTER FABRIC FENCE	15000	FT	\$3.26	\$48,900.00
99	832	FILTER FABRIC DITCH CHECK	3870	FT	\$17.16	\$66,409.20
100	832	CONSTRUCTION ENTRANCE	500	CY	\$18.00	\$9,000.00
101	832	ROCK CHANNEL PROTECTION, TYPE C OR D, WITH FILTER	250	CY	\$160.29	\$40,072.50
102	832	MISCELLANEOUS SEDIMENT REMOVAL	5000	CY	\$5.00	\$25,000.00
<b>Total:</b>						<b>\$1,135,191.06</b>

**39-18-02A - DRAINAGE (Ref. Nos. 103-161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
103	518	6" PERFORATED CORRUGATED PLASTIC PIPE	310	FT	\$14.20	\$4,402.00
104	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	20	FT	\$18.90	\$378.00
105	SP 605	TRENCH DRAIN, AS PER PLAN	40	CY	\$112.32	\$4,492.80
106	SP 605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	65378	FT	\$6.87	\$449,146.86
107	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (24")	65256	FT	\$9.03	\$589,261.68
108	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	49826	FT	\$10.86	\$541,110.36
109	SP 605	6" UNDERDRAIN OUTLET PIPE	6029	FT	\$45.57	\$274,741.53
110	SP 605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	200	FT	\$25.15	\$5,030.00
111	SP 605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	200	FT	\$25.15	\$5,030.00
112	SP 605	UNDERDRAIN ROCK EXCAVATION	250	CY	\$22.55	\$5,637.50
113	SP 611	12" CONDUIT, TYPE B, 706.02	25	FT	\$148.33	\$3,708.25
114	SP 611	12" CONDUIT, TYPE F, 707.33	386	FT	\$63.32	\$24,441.52
115	SP 611	15" CONDUIT, TYPE B, 706.02	298	FT	\$93.42	\$27,839.16
116	SP 611	18" CONDUIT, TYPE A, 706.02	37	FT	\$306.39	\$11,336.43
117	SP 611	18" CONDUIT, TYPE B, 706.02	245	FT	\$96.81	\$23,718.45
118	SP 611	24" CONDUIT, TYPE B, 706.02	20	FT	\$232.33	\$4,646.60
119	SP 611	30" CONDUIT, TYPE A, 706.02	20	FT	\$506.96	\$10,139.20
120	SP 611	30" CONDUIT, TYPE A, 707.33	125	FT	\$132.69	\$16,586.25
121	SP 611	36" CONDUIT, TYPE A, 706.02	4	FT	\$890.18	\$3,560.72
122	SP 611	36" CONDUIT, TYPE A, 707.33	24	FT	\$267.61	\$6,422.64
123	SP 611	36" CONDUIT, TYPE B, 706.02	648	FT	\$173.55	\$112,460.40
124	SP 611	54" CONDUIT, TYPE A, 706.02	8	FT	\$556.28	\$4,450.24
125	SP 611	72" CONDUIT, TYPE A, 706.02	14	FT	\$1,163.94	\$16,295.16
126	SP 611	CONDUIT, TYPE A, STRUCTURAL PLATE CORRUGATED STEEL PIPE ARCH, 707.03, 64" (SPAN) X 43" (RISE)	8	FT	\$1,497.34	\$11,978.72
127	SP 611	CONDUIT MISC.: CURED-IN-PLACE PIPE LINER, 30"	899	FT	\$147.40	\$132,512.60

128	SP 611	CONDUIT MISC.: INTERNAL VIDEO INSPECTION	2727	FT	\$4.40	\$11,998.80
129	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" OR LESS, AS PER PLAN	39	EACH	\$1,571.34	\$61,282.26
130	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" TO 12", AS PER PLAN	37	EACH	\$1,807.19	\$66,866.03
131	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	10	EACH	\$2,279.54	\$22,795.40
132	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$713.07	\$3,565.35
133	SP 611	PRECAST REINFORCED CONCRETE OUTLET	134	EACH	\$236.35	\$31,670.90
134	SP 611	CATCH BASIN, NO. CB-1	5	EACH	\$3,613.26	\$18,066.30
135	SP 611	CATCH BASIN, NO. 2-2B	1	EACH	\$2,733.87	\$2,733.87
136	SP 611	CATCH BASIN, NO. 2-3	2	EACH	\$2,862.65	\$5,725.30
137	SP 611	CATCH BASIN, NO. 2-4, AS PER PLAN	4	EACH	\$3,255.94	\$13,023.76
138	SP 611	CATCH BASIN, NO. 4	1	EACH	\$5,470.86	\$5,470.86
139	SP 611	CATCH BASIN, NO. 6	3	EACH	\$4,205.73	\$12,617.19
140	SP 611	MANHOLE, NO. 3, WITH 120 INCH BASE I.D.	1	EACH	\$17,548.91	\$17,548.91
141	SP 611	MANHOLE RECONSTRUCTED TO GRADE	3	EACH	\$1,715.68	\$5,147.04
142	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 87" SPAN X 63" RISE ARCH	223	FT	\$434.50	\$96,893.50
143	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 64" SPAN X 43" RISE ARCH	8	FT	\$990.00	\$7,920.00
144	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 65" SPAN X 40" RISE ARCH	318	FT	\$412.50	\$131,175.00
145	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 66" ROUND CONDUIT	537	FT	\$412.50	\$221,512.50
146	837	PIPE LINER, 60" ID, 707.42 OR SS938, AS PER PLAN	750	FT	\$401.50	\$301,125.00
147	837	BACKFILL FOR LINER PIPE	750	FT	\$58.30	\$43,725.00
148	SPECIAL	12" PRECAST CONCRETE END SECTION	5	EACH	\$2,628.67	\$13,143.35
149	SPECIAL	15" PRECAST CONCRETE END SECTION	2	EACH	\$2,670.92	\$5,341.84
150	SPECIAL	18" PRECAST CONCRETE END SECTION	8	EACH	\$2,741.89	\$21,935.12
151	SPECIAL	24" PRECAST CONCRETE END SECTION	1	EACH	\$2,824.54	\$2,824.54
152	SPECIAL	30" PRECAST CONCRETE END SECTION	5	EACH	\$2,966.54	\$14,832.70
153	SPECIAL	36" PRECAST CONCRETE END SECTION	1	EACH	\$3,534.38	\$3,534.38

154	SPECIAL 36" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$3,534.38	\$3,534.38
155	SPECIAL 54" PRECAST CONCRETE END SECTION	1	EACH	\$5,586.55	\$5,586.55
156	SPECIAL 72" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$9,894.12	\$9,894.12
157	SPECIAL CATCH BASIN CLEANED	56	EACH	\$333.25	\$18,662.00
158	SPECIAL PIPE CLEANOUT, 36" DIA AND UNDER	1831	FT	\$38.50	\$70,493.50
159	SPECIAL PIPE CLEANOUT, 50" DIA	130	FT	\$55.00	\$7,150.00
160	SPECIAL PIPE CLEANOUT, 60" DIA	208	FT	\$55.00	\$11,440.00
160A	SPECIAL PIPE CLEANOUT, 66" DIA	537	FT	\$82.50	\$44,302.50
160B	SPECIAL PIPE CLEANOUT, 72" DIA	750	FT	\$132.00	\$99,000.00
160C	SPECIAL PIPE CLEANOUT, 87" (SPAN) X 63" (RISE) ARCH	223	FT	\$60.50	\$13,491.50
161	SPECIAL PIPE CLEANOUT, 65" (SPAN) X 40" (RISE) ARCH	318	FT	\$60.50	\$19,239.00
				<b>Total:</b>	\$3,734,595.52

### 39-18-02A - PAVEMENT (Ref. Nos. 162-194)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
162	SP 202B	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT	20	CY	\$748.43	\$14,968.60
163	SP 202B	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER	3000	GAL	\$10.78	\$32,340.00
164	SP 202B	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)	20	CY	\$778.81	\$15,576.20
165	SP 202B	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING ITEM SP 402 (PG 64-22)	20	CY	\$739.45	\$14,789.00
166	SP 202B	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG 64-22)	20	CY	\$925.52	\$18,510.40



167	SP 202B	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG 64-22)	20	CY	\$964.88	\$19,297.60
168	251	PARTIAL DEPTH PAVEMENT REPAIR	1000	SY	\$112.76	\$112,760.00
169	252	FULL DEPTH PAVEMENT SAWING	76767	FT	\$1.65	\$126,665.55
170	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	210748	SY	\$1.52	\$320,336.96
171	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.5")	69163	SY	\$2.17	\$150,083.71
172	254	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH)	1142	SY	\$9.08	\$10,369.36
173	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	800	SY	\$266.45	\$213,160.00
174	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING RAPID REPAIR CONCRETE MIX MATERIAL)	800	SY	\$292.27	\$233,816.00
175	255	FULL DEPTH PAVEMENT SAWING	600	FT	\$1.65	\$990.00
176	SP 302	ASPHALT CONCRETE BASE, PG64-22 (SHOULDER)	16823	CY	\$101.91	\$1,714,431.93
177	SP 302	ASPHALT CONCRETE BASE, PG64-22	73375	CY	\$106.05	\$7,781,418.75
178	SP 304	AGGREGATE BASE (SHOULDER)	22934	CY	\$53.74	\$1,232,473.16
179	SP 304	AGGREGATE BASE	40710	CY	\$56.67	\$2,307,035.70
180	SP 304	COMPACTED AGGREGATE	2940	CY	\$70.94	\$208,563.60
181	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22	3721	CY	\$118.31	\$440,231.51
182	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR)	15058	CY	\$135.98	\$2,047,586.84
183	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG76-22	50	CY	\$271.41	\$13,570.50
184	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG64-22	11225	CY	\$154.13	\$1,730,109.25
185	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG76-22 (FR)	16664	CY	\$194.18	\$3,235,815.52
186	SP 404A	JOINT SEALER	245450	FT	\$0.39	\$95,725.50
187	407	NON -TRACKING TACK COAT FOR INTERMEDIATE COURSE	23275	GAL	\$3.74	\$87,048.50

188	407	NON -TRACKING TACK COAT	63291	GAL	\$3.74	\$236,708.34
189	423	CRACK SEALING, TYPE IV	15000	LBS	\$1.36	\$20,400.00
190	617	WATER	25	M GAL	\$160.01	\$4,000.25
191	617	SHOULDER PREPARATION	9100	SY	\$0.39	\$3,549.00
192	SP 617	COMPACTED AGGREGATE	760	CY	\$79.73	\$60,594.80
193	SP 627	STONE SHOULDER PROTECTION	1358	CY	\$80.48	\$109,291.84
194	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	33.09	MILE	\$1,100.00	\$36,399.00

**Total:** \$22,648,617.37

**39-18-02A - MAINTENANCE OF TRAFFIC (Ref. Nos. 195-236)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
195	202	IMPACT ATTENUATOR REMOVED AND RESET	2	EACH	\$2,148.35	\$4,296.70
196	202	GUARDRAIL REMOVED, AS PER PLAN	575	FT	\$1.76	\$1,012.00
197	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)	45	EACH	\$2,557.65	\$115,094.25
198	614	REPLACEMENT SIGN	20	EACH	\$137.50	\$2,750.00
199	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2	EACH	\$34,870.00	\$69,740.00
200	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	300	CY	\$157.51	\$47,253.00
201	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	2800	DAY	\$21.12	\$59,136.00
202	614	WORK ZONE LANE LINE, CLASS I, 642 PAINT (4" WHITE)	12.54	MILE	\$660.00	\$8,276.40
203	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" WHITE)	52.79	MILE	\$715.00	\$37,744.85
204	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" YELLOW)	44.69	MILE	\$715.00	\$31,953.35
205	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" WHITE)	3.1	MILE	\$1,072.50	\$3,324.75
206	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" YELLOW)	20.52	MILE	\$1,072.50	\$22,007.70

207	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" WHITE)	62360	FT	\$0.61	\$38,039.60
208	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" YELLOW)	16935	FT	\$0.61	\$10,330.35
209	614	WORK ZONE DOTTED LINE, CLASS I, 642 PAINT (4" WHITE)	18074	FT	\$0.72	\$13,013.28
210	SP 614	ZONE PERSON	20000	HOUR	\$65.24	\$1,304,800.00
211	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.55	MILE	\$1,738.00	\$2,693.90
212	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	2.13	MILE	\$6,935.50	\$14,772.62
213	SP 614B	WORK ZONE WHITE EDGE LINE, 6 INCH	0.52	MILE	\$10,406.00	\$5,411.12
214	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	2.57	MILE	\$6,935.50	\$17,824.24
215	SP 614B	WORK ZONE YELLOW EDGE LINE, 6 INCH	0.92	MILE	\$10,406.00	\$9,573.52
216	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	1485	FT	\$2.64	\$3,920.40
217	SP 614B	WORK ZONE DOTTED LINE, 4 INCH	425	FT	\$2.42	\$1,028.50
218	SP 614C	REMOVAL OF PAVEMENT MARKING	226.13	MILE	\$1,452.00	\$328,340.76
219	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	617	SY	\$68.09	\$42,011.53
220	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE I, AS PER PLAN	2592	SY	\$67.29	\$174,415.68
221	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE II, AS PER PLAN	1386	SY	\$60.16	\$83,381.76
222	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE III, AS PER PLAN	6425	SY	\$72.39	\$465,105.75
223	616	WATER	2000	M GAL	\$35.48	\$70,960.00
224	SP 621	RAISED PAVEMENT MARKER-STIMSONITE MODEL 101 LPCR	50	EACH	\$40.87	\$2,043.50
225	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	50	EACH	\$18.87	\$943.50
226	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING-STIMSONITE MODEL 101 LPCR	50	EACH	\$39.33	\$1,966.50
227	SP 622	32" PORTABLE BARRIER (WITH GLARE SCREEN)	1	LUMP	\$750,529.16	\$750,529.16
228	SP 622	32" PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1	LUMP	\$958,342.53	\$958,342.53
229	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	50	EACH	\$6.05	\$302.50
230	SP 626	BARRIER REFLECTOR, TYPE B	525	EACH	\$4.79	\$2,514.75
231	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	6990	EACH	\$7.15	\$49,978.50

232	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	2760	EACH	\$7.15	\$19,734.00
233	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	500	SF	\$15.95	\$7,975.00
234	SPECIAL	"SNAP" MILL AND FILL	32500	FT	\$5.73	\$186,225.00
235	SPECIAL	EXISTING CROSSOVER TO BE CLOSED / RE-OPENED	11	LUMP	\$12,240.48	\$134,645.28
236	SPECIAL	SPEED MEASUREMENT MARKING, AS PER PLAN	10	EACH	\$33.00	\$330.00
<b>Total:</b>						\$5,103,742.23

### 39-18-02A - LIGHTING (Ref. Nos. 237-260)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
237	625	CONNECTION, UNFUSED, PERMANENT	30	EACH	\$144.76	\$4,342.80
238	625	CONNECTION, FUSED, PULL APART	44	EACH	\$144.76	\$6,369.44
239	625	PULL BOX 725.08, 24"	6	EACH	\$1,223.20	\$7,339.20
240	625	DISCONNECT CIRCUIT	8	EACH	\$269.50	\$2,156.00
241	625	GROUND ROD	22	EACH	\$154.00	\$3,388.00
242	625	TRENCH, 24" DEEP	2619	FT	\$9.35	\$24,487.65
243	625	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG, 5000 VOLT CABLES	1007	FT	\$8.99	\$9,052.93
244	625	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	9216	FT	\$1.95	\$17,971.20
245	625	NO. 10 AWG GROUND CONDUCTOR	3945	FT	\$1.82	\$7,179.90
246	625	POLE AND BRACKET CABLE, NO. 10 AWG, 600 VOLT	1800	FT	\$1.82	\$3,276.00
247	625	1-1/2" CONDUIT	3357	FT	\$4.91	\$16,482.87
248	625	LUMINAIRE SUPPORT FOUNDATION REMOVAL	18	EACH	\$605.00	\$10,890.00
249	625	LUMINAIRE SUPPORT 'TYPE-A' REMOVAL, AS PER PLAN	18	EACH	\$888.80	\$15,998.40
250	625	LUMINAIRE SUPPORT 'TYPE-B' REMOVAL, AS PER PLAN	4	EACH	\$888.80	\$3,555.20
251	625	LUMINAIRE SUPPORT 'TYPE-A', AS PER PLAN	4	EACH	\$3,528.80	\$14,115.20
252	625	LUMINAIRE SUPPORT 'TYPE-A' INSTALLATION ONLY, AS PER PLAN	18	EACH	\$1,078.00	\$19,404.00

253	625	LUMINAIRE SUPPORT 'TYPE-B' INSTALLATION ONLY, AS PER PLAN	4	EACH	\$1,078.00	\$4,312.00
254	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 6' DEEP, AS PER PLAN	17	EACH	\$1,878.80	\$31,939.60
255	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 8' DEEP, AS PER PLAN	4	EACH	\$2,010.80	\$8,043.20
256	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE- A' LED, AS PER PLAN	4	EACH	\$1,355.91	\$5,423.64
257	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE- A' LED RETROFIT, AS PER PLAN	53	EACH	\$1,441.44	\$76,396.32
258	625	LIGHTING MISC.: LUMINAIRE LOW MAST 'TYPE-B' LED RETROFIT, AS PER PLAN	11	EACH	\$1,781.56	\$19,597.16
259	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$1,086.80	\$1,086.80
260	SPECIAL	PLASTIC CAUTION TAPE	2619	FT	\$0.32	\$838.08
<b>Total:</b>						\$313,645.59

**39-18-02A - TRAFFIC CONTROL (Ref. Nos. 261-299)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
261	620	REMOVAL OF DELINEATOR	150	EACH	\$22.00	\$3,300.00
262	620	DELINEATOR, POST MOUNTED, AS PER PLAN (GROUND MOUNTED)	169	EACH	\$33.00	\$5,577.00
263	620	DELINEATOR, POST MOUNTED, AS PER PLAN (SURFACE MOUNTED)	10	EACH	\$55.00	\$550.00
264	621	RAISED PAVEMENT MARKER REMOVED	1190	EACH	\$5.50	\$6,545.00
265	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	2602	EACH	\$9.90	\$25,759.80
266	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	2646	EACH	\$22.55	\$59,667.30
267	625	GROUND ROD	6	EACH	\$275.00	\$1,650.00
268	SP 626	BARRIER REFLECTOR, TYPE B	400	EACH	\$13.20	\$5,280.00
269	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	278	FT	\$23.10	\$6,421.80

270	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	40	FT	\$41.80	\$1,672.00
271	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12x30	58	FT	\$53.90	\$3,126.20
272	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	18	EACH	\$841.50	\$15,147.00
273	630	BREAKAWAY STRUCTURAL BEAM CONNECTION	6	EACH	\$418.00	\$2,508.00
274	630	SIGN, SINGLE FACED, MILE MARKER, AS PER PLAN	18	EACH	\$49.50	\$891.00
275	630	SIGN ERECTED, FLAT SHEET, AS PER PLAN	320	EACH	\$60.50	\$19,360.00
276	630	SIGN ERECTED, EXTRUSHEET, AS PER PLAN	57	EACH	\$572.00	\$32,604.00
277	630	SIGN ATTACHMENT ASSEMBLY	56	EACH	\$533.50	\$29,876.00
278	630	SIGN BACKING ASSEMBLY	8	EACH	\$159.50	\$1,276.00
279	630	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	6	EACH	\$4,812.50	\$28,875.00
280	630	OVERHEAD SIGN SUPPORT, TYPE 12.30, DESIGN 10	6	EACH	\$19,195.00	\$115,170.00
281	630	SIGN POST REFLECTOR	198	EACH	\$38.50	\$7,623.00
282	630	TENTH MILEPOST SIGN ERECTED, AS PER PLAN	132	EACH	\$71.50	\$9,438.00
283	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	295	EACH	\$11.00	\$3,245.00
284	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	276	EACH	\$16.50	\$4,554.00
285	630	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	21	EACH	\$214.50	\$4,504.50
286	630	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	6	EACH	\$313.50	\$1,881.00
287	630	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	12	EACH	\$297.00	\$3,564.00
288	630	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	6	EACH	\$1,622.50	\$9,735.00
289	630	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	35	EACH	\$308.00	\$10,780.00
290	630	SIGNING MISC.: MILEPOST AND TENTH MILEPOST SIGNS REMOVED	150	EACH	\$11.00	\$1,650.00
291	630	SIGNING MISC.: REMOVE SIGN FLASHERS	2	EACH	\$55.00	\$110.00

292	630	SIGNING MISC.: REMOVE FOR REUSE SIGN FLASHER CONTROLLER	2	EACH	\$110.00	\$220.00
293	630	SIGNING MISC.: INSTALL SIGN FLASHERS AND FLASHER CONTROLLER	2	EACH	\$3,300.00	\$6,600.00
294	631	SIGN LIGHTING MISC.: REMOVE SIGN LIGHTING AND SIGN SERVICE	18	EACH	\$423.50	\$7,623.00
295	642	EDGE LINE, 6", TYPE 1	145.69	MILE	\$577.50	\$84,135.98
296	642	LANE LINE, 6", TYPE 1	140	MILE	\$313.50	\$43,890.00
297	642	DOTTED LINE, 6", TYPE 1	19290	FT	\$0.66	\$12,731.40
298	642	CHANNELIZING LINE, 12", TYPE 1	31080	FT	\$0.66	\$20,512.80
299	SPECIAL	SPEED MEASUREMENT MARKING	20	EACH	\$24.20	\$484.00
<b>Total:</b>						\$598,537.78

### 39-18-02A - BRIDGE MAINTENANCE (Ref. Nos. 300-311)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
300	SP 202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1	LUMP	\$49,500.00	\$49,500.00
301	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	4350	POUND	\$2.20	\$9,570.00
302	SP 511B	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	22	CY	\$2,750.00	\$60,500.00
303	516	1" PREFORMED EXPANSION JOINT FILLER	242	FT	\$6.60	\$1,597.20
304	SP 516A	CRACK REPAIR USING EPOXY INJECTION	304	FT	\$60.50	\$18,392.00
305	SP 516B	SEALING OF CONSTRUCTION JOINTS	4415	FT	\$6.60	\$29,139.00
306	SP 519	PATCHING CONCRETE STRUCTURES	2782	SF	\$99.00	\$275,418.00
307	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURE	1	LUMP	\$5,500.00	\$5,500.00
308	SP 533D	CONTINUOUS ELASTOMER SEAL IN A PORTLAND CEMENT CONCRETE JOINT	69	FT	\$533.50	\$36,811.50
309	SP 533G	REPLACEMENT OF STRIP SEAL WITH CONTINUOUS ELASTOMER SEAL	215	FT	\$159.50	\$34,292.50

310	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	2058	SY	\$9.90	\$20,374.20
311	SP 536	CONCRETE WEATHERPROOFING, DECK, AND APPROACH SLABS	6081	SY	\$9.90	\$60,201.90
<b>Total:</b>						\$601,296.30

**39-18-02A - MSE WALL REPAIR (Ref. Nos. 312-315)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
312	SP 536	CONCRETE WEATHERPROOFING (PARAPET)	6246	SY	\$9.90	\$61,835.40
313	SP 536	CONCRETE WEATHERPROOFING (MSE PANEL)	57	SY	\$44.00	\$2,508.00
314		SPECIAL PORTIONS OF STRUCTURE REPAIRED (PARAPET)	25	SF	\$330.00	\$8,250.00
315		SPECIAL PORTIONS OF STRUCTURE REPAIRED (MSE PANEL)	153	SF	\$724.90	\$110,909.70
<b>Total:</b>						\$183,503.10

**39-18-02A - GENERAL (Ref. Nos. 316-317)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
316	SP 614	MAINTAINING TRAFFIC	1	LUMP	\$1,422,978.37	\$1,422,978.37
317	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$251,404.82	\$251,404.82
<b>Total:</b>						\$1,674,383.19

**39-18-02B - ROADWAY (Ref. Nos. 318 - 355)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
318	202	PAVEMENT REMOVED, AS PER PLAN	23197	SY	\$7.94	\$184,184.18
319	202	GUARDRAIL REMOVED, AS PER PLAN	11998	FT	\$1.76	\$21,116.48
320	202	GUARDRAIL REMOVED AND RESET, BARRIER DESIGN, AS PER PLAN	550	FT	\$16.06	\$8,833.00
321	202	CONCRETE MEDIAN REMOVED	759	SY	\$8.96	\$6,800.64
322	202	CONCRETE BARRIER REMOVED	260	FT	\$8.66	\$2,251.60
323	203	EXCAVATION	5086	CY	\$15.90	\$80,867.40



324	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$21.24	\$38,232.00
325	204	EXCAVATION	178	CY	\$33.22	\$5,913.16
326	204	EXCAVATION OF SUBGRADE	2400	CY	\$29.57	\$70,968.00
327	204	EMBANKMENT	2400	CY	\$33.82	\$81,168.00
328	204	TYPE D GEOTEXTILE, 712.09	227	SY	\$2.49	\$565.23
329	204	SUBGRADE COMPACTION	3827	SY	\$2.16	\$8,266.32
330	206	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	27000	SY	\$4.51	\$121,770.00
331	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$3.93	\$47,160.00
332	206	CEMENT	1260	TON	\$159.16	\$200,541.60
333	206	CURING COAT, AS PER PLAN	2100	GAL	\$4.29	\$9,009.00
334	206	TEST ROLLING	40	HOUR	\$309.43	\$12,377.20
335	209	DITCH CLEANOUT	500	FT	\$4.50	\$2,250.00
336	209	LINEAR GRADING, AS PER PLAN	8400	FT	\$0.43	\$3,612.00
337	SP 304	GRANULAR MATERIAL	360	TON	\$32.69	\$11,768.40
338	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	10638	FT	\$20.68	\$219,993.84
339	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	225	FT	\$32.12	\$7,227.00
340	606	ANCHOR ASSEMBLY, MGS TYPE T	18	EACH	\$874.50	\$15,741.00
341	606	ANCHOR ASSEMBLY, BARRIER DESIGN, MGS TYPE A	1	EACH	\$1,672.00	\$1,672.00
342	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	9	EACH	\$2,398.00	\$21,582.00
343	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	7	EACH	\$462.00	\$3,234.00
344	606	GUARDRAIL REBUILT	25	FT	\$14.08	\$352.00
345	SP 606A	ANCHOR ASSEMBLY, TYPE E (ET-31)	17	EACH	\$2,574.00	\$43,758.00
346	609	CURB, TYPE 4-C	163	FT	\$34.10	\$5,558.30
347	609	CURB, TYPE 6	1423	FT	\$34.10	\$48,524.30
348	609	CONCRETE MEDIAN	765	SY	\$55.08	\$42,136.20
349	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	229	FT	\$141.13	\$32,318.77
350	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	1	EACH	\$3,575.00	\$3,575.00
351	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	1	EACH	\$3,575.00	\$3,575.00
352	623	MONUMENT BOX RECONSTRUCTED TO GRADE	42	EACH	\$1,268.46	\$53,275.32

353	623	MONUMENT ASSEMBLY REMOVED AND RESET	3	EACH	\$2,258.17	\$6,774.51
354	SP 626	BARRIER REFLECTOR, TYPE A	133	EACH	\$7.70	\$1,024.10
355	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$5.84	\$1,325.68
<b>Total:</b>						\$1,429,301.23

**39-18-02B - EROSION CONTROL (Ref. Nos. 356-368)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
356	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	10	CY	\$205.45	\$2,054.50
357	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	10	CY	\$203.08	\$2,030.80
358	601	TIED CONCRETE BLOCK MAT, TYPE 1	29	SY	\$195.78	\$5,677.62
359	659	SOIL ANALYSIS TEST	2	EACH	\$55.00	\$110.00
360	659	TOPSOIL	1250	CY	\$9.40	\$11,750.00
361	659	SEEDING AND MULCHING	11200	SY	\$0.70	\$7,840.00
362	659	REPAIR SEEDING AND MULCHING	560	SY	\$1.10	\$616.00
363	659	INTER-SEEDING	560	SY	\$0.11	\$61.60
364	659	COMMERCIAL FERTILIZER	1.52	TON	\$715.00	\$1,086.80
365	659	LIME	2.4	ACRE	\$38.50	\$92.40
366	659	WATER	70	M GAL	\$1.10	\$77.00
367	832	PERIMETER FILTER FABRIC FENCE	8000	FT	\$3.26	\$26,080.00
368	832	FILTER FABRIC DITCH CHECK	500	FT	\$18.34	\$9,170.00
<b>Total:</b>						\$66,646.72

**39-18-02B - DRAINAGE (Ref. Nos. 369-381)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
369	605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	50	FT	\$25.15	\$1,257.50
370	605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	50	FT	\$25.15	\$1,257.50
371	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	15600	FT	\$12.00	\$187,200.00

372	SP 611	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	13	EACH	\$2,279.54	\$29,634.02
373	SP 611	INLET RECONSTRUCTED TO GRADE, AS PER PLAN	6	EACH	\$4,081.41	\$24,488.46
374	SP 611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	5	EACH	\$1,571.98	\$7,859.90
375	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4"-12", AS PER PLAN	16	EACH	\$1,807.17	\$28,914.72
376	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	4	EACH	\$2,279.82	\$9,119.28
377	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$713.07	\$3,565.35
378	SP 605	6" UNDERDRAIN OUTLET PIPE	684	FT	\$68.06	\$46,553.04
379	NOT USED	NOT USED	0	NOT USED		\$0.00
380	SP 611	PRECAST REINFORCED CONCRETE OUTLET	16	EACH	\$236.35	\$3,781.60
381	SPECIAL	CATCH BASIN CLEANED	2	EACH	\$333.25	\$666.50
<b>Total:</b>						<b>\$344,297.87</b>

**39-18-02B - PAVEMENT (Ref. Nos. 382-401)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
382	252	FULL DEPTH PAVEMENT SAWING	422	FT	\$1.65	\$696.30
383	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	14420	SY	\$2.47	\$35,617.40
384	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")	6131	SY	\$6.65	\$40,771.15
385	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1")	37645	SY	\$3.99	\$150,203.55
386	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (DEPTH VARIES)	1500	SY	\$7.84	\$11,760.00
387	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN	1440	SY	\$34.78	\$50,083.20
388	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING CLASS QC MS CONCRETE)	6365	SY	\$205.60	\$1,308,644.00
388A	255	FULL DEPTH PAVEMENT JOINT REPAIR (USING CLASS QC MS CONCRETE)	1150	SY	\$242.24	\$278,576.00

389	255	FULL DEPTH PAVEMENT SAWING	15250	FT	\$1.65	\$25,162.50
390	SP 302	ASPHALT CONCRETE BASE, PG 64-22	5279	CY	\$106.63	\$562,899.77
391	SP 304	AGGREGATE BASE	4535	CY	\$59.55	\$270,059.25
392	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 76-22 (FR)	3890	CY	\$146.89	\$571,402.10
393	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG 76-22	888	CY	\$285.95	\$253,923.60
394	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR)	3415	CY	\$211.71	\$722,989.65
395	407	NON-TRACKING TACK COAT	14520	GAL	\$3.74	\$54,304.80
396	423	CRACK SEALING, TYPE IV	31000	FT	\$1.34	\$41,540.00
397	617	SHOULDER PREPARATION	14325	SY	\$0.88	\$12,606.00
398	617	WATER	45	M GAL	\$155.91	\$7,015.95
399	SP 617	COMPACTED AGGREGATE	1915	CY	\$79.45	\$152,146.75
400	SP 627	STONE SHOULDER PROTECTION	756	CY	\$76.28	\$57,667.68
401	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	26000	FT	\$5.12	\$133,120.00

**Total:** \$4,741,189.65

**39-18-02B - LIGHTING (Ref. No. 402)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
402	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$14,652.00	\$14,652.00
<b>Total:</b>						\$14,652.00

**39-18-02B - TRAFFIC CONTROL (Ref. Nos. 403-408)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
403	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	350	EACH	\$22.55	\$7,892.50
404	642	EDGE LINE, 6", TYPE 1	9	MILE	\$742.50	\$6,682.50
405	642	LANE LINE, 6", TYPE 1	0.5	MILE	\$693.00	\$346.50
406	642	CHANNELIZING LINE, 12", TYPE 1	2500	FT	\$0.88	\$2,200.00

407	642	LANE ARROW, TYPE 1	9	EACH	\$60.50	\$544.50
408	642	WORD ON PAVEMENT, 72", TYPE 1	3	EACH	\$71.50	\$214.50
<b>Total:</b>						\$17,880.50

### 39-18-02B - BRIDGE MAINTENANCE (Ref. Nos. 409-415)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
409	202	APPROACH SLAB REMOVED, AS PER PLAN	440	SY	\$82.50	\$36,300.00
410	511	CONCRETE, MISC.: REPAIR OF RAISED MEDIAN	100	FT	\$198.00	\$19,800.00
411	516B	SEALING OF CONCRETE CONSTRUCTION JOINTS	4860	FT	\$6.60	\$32,076.00
412	526	REINFORCED CONCRETE APPROACH SLAB (T=15"), AS PER PLAN	440	SY	\$324.50	\$142,780.00
413	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	3375	SY	\$9.90	\$33,412.50
414	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	990	SY	\$11.00	\$10,890.00
415	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	18	SY	\$495.00	\$8,910.00
<b>Total:</b>						\$284,168.50

### 39-18-02B - MAINTENANCE OF TRAFFIC (Ref. No. 416 - 425)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
416	614	ASPHALT CONCRETE FOR MAINTAINING PAVEMENT	100	CY	\$157.51	\$15,751.00
417	614	WORK ZONE IMPACT ATTENUATOR FOR 24" HAZARD (UNIDIRECTIONAL)	2	EACH	\$3,463.95	\$6,927.90
418	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	13.5	MILE	\$6,611.00	\$89,248.50
419	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	13.5	MILE	\$6,611.00	\$89,248.50
420	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	7500	FT	\$2.53	\$18,975.00
421	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.5	MILE	\$1,661.00	\$2,491.50
422	SP 614C	REMOVAL OF PAVEMENT MARKING	9	MILE	\$1,452.00	\$13,068.00
423	621	RAISED PAVEMENT MARKER REMOVED	350	EACH	\$11.00	\$3,850.00

424	NOT USED	NOT USED	0	OT USED		\$0.00
425	SP 622	PARTABLE BARRIER, 32" (WITHOUT GLARE SCREEN)	1	LUMP	\$17,796.96	\$17,796.96
<b>Total:</b>						\$257,357.36

**39-18-02B - GENERAL (Ref. Nos. 426-427)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
426	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$100,800.31	\$100,800.31
427	SP 614	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP	\$160,867.31	\$160,867.31
<b>Total:</b>						\$261,667.62

**39-18-02 - GENERAL (Ref. Nos. 428-430)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
428	IB,ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1	LUMP	\$211,242.09	\$211,242.09
429	SP 619	FIELD OFFICE	1	LUMP	\$232,001.71	\$232,001.71
430	624	MOBILIZATION	1	LUMP	\$1,177,085.35	\$1,177,085.35
<b>Total:</b>						\$1,620,329.15

**TOTAL BID AMOUNT (ITEMS 1 THRU 430) \$57,090,532.80**

**WASTE SITE DEDUCT ALTERNATE**

No  
\$0.00

**TEMPORARY ACCESS DEDUCT ALTERNATE**

No  
\$0.00

**KOKOSING CONSTRUCTION COMPANY****39-18-02A - ROADWAY (Ref. Nos. 1 - 74)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LUMP	\$160,475.00	\$160,475.00
2	201	TREE REMOVED, 18" SIZE	658	EACH	\$340.00	\$223,720.00
3	201	TREE REMOVED, 30" SIZE	119	EACH	\$745.00	\$88,655.00
4	201	TREE REMOVED, 48" SIZE	30	EACH	\$1,325.00	\$39,750.00
5	SPECIAL	FENCELINE CLEARING AND GRUBBING	65109	FT	\$1.23	\$80,084.07
6	202	HEADWALL REMOVED	12	EACH	\$200.00	\$2,400.00
7	202	HEADWALL REMOVED, AS PER PLAN	1	EACH	\$2,750.00	\$2,750.00
8	202	PIPE REMOVED, 24" AND UNDER	636	FT	\$7.00	\$4,452.00
9	202	PIPE REMOVED, OVER 24"	191	FT	\$12.00	\$2,292.00
10	202	CATCH BASIN OR INLET REMOVED	5	EACH	\$200.00	\$1,000.00
11	202	FENCE REMOVED	65109	FT	\$1.52	\$98,965.68
12	202	GUARDRAIL REMOVED, AS PER PLAN	45451	FT	\$1.61	\$73,176.11
13	202	APPROACH SLAB REMOVED, TYPE 1, AS PER PLAN	334	SY	\$130.00	\$43,420.00
14	202	APPROACH SLAB REMOVED, TYPE 2, AS PER PLAN	1014	SY	\$130.00	\$131,820.00
15	202	APPROACH SLAB REMOVED, TYPE 3, AS PER PLAN	330	SY	\$135.00	\$44,550.00
16	202	APPROACH SLAB REMOVED, TYPE 4, AS PER PLAN	338	SY	\$135.00	\$45,630.00
17	202	CONCRETE BARRIER REMOVED	701	FT	\$10.00	\$7,010.00
18	202	PAVEMENT REMOVED, AS PER PLAN	284189	SY	\$7.00	\$1,989,323.00
19	202	GUTTER REMOVED	31	FT	\$10.00	\$310.00
20	202	STRUCTURE REMOVED, AS PER PLAN	1	EACH	\$1,000.00	\$1,000.00
21	202	PORTIONS OF STRUCTURES REMOVED, AS PER PLAN	20	CY	\$120.00	\$2,400.00
22	202	REMOVAL MISC.: SIGN FOUNDATION REMOVED	5	EACH	\$1,605.35	\$8,026.75
23	202	REMOVAL MISC.: MONITORING WELL ABANDONED	18	EACH	\$550.00	\$9,900.00
24	203	EXCAVATION FOR SLOPE EROSION PROTECTION	2879	CY	\$12.00	\$34,548.00
25	203	EXCAVATION	78356	CY	\$19.00	\$1,488,764.00
26	203	EMBANKMENT	29009	CY	\$11.00	\$319,099.00
27	203	GRANULAR EMBANKMENT	110	CY	\$78.00	\$8,580.00

28	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$15.00	\$27,000.00
29	203	EXCAVATION OF SLAG, AS PER PLAN	24000	CY	\$5.50	\$132,000.00
30	203	DISPOSAL OF SLAG, AS PER PLAN	24000	CY	\$69.00	\$1,656,000.00
31	204	EXCAVATION	178	CY	\$18.00	\$3,204.00
32	204	GEOTEXTILE FABRIC, 712.09, TYPE D	227	SY	\$2.50	\$567.50
33	204	SUBGRADE COMPACTION	2297	SY	\$3.00	\$6,891.00
34	SPECIAL	SCOUR HOLE REMEDIATION USING GRANULAR MATERIAL	1	LUMP	\$8,500.00	\$8,500.00
35	206	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP, AS PER PLAN	319232	SY	\$1.90	\$606,540.80
36	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$1.90	\$22,800.00
37	206	CEMENT	14010	TON	\$144.97	\$2,031,029.70
38	206	CURING COAT, AS PER PLAN	19630	GAL	\$4.44	\$87,157.20
39	206	TEST ROLLING	180	HOUR	\$125.00	\$22,500.00
40	209	LINER GRADING, AS PER PLAN	65578	FT	\$1.50	\$98,367.00
41	209	DITCH CLEANOUT	10760	FT	\$2.75	\$29,590.00
42	SPECIAL	CHANNEL CLEANOUT	727	SY	\$6.00	\$4,362.00
43	SPECIAL	CONCRETE CHANNEL CLEANOUT	5750	FT	\$7.50	\$43,125.00
44	SP 304	GRANULAR MATERIAL	360	TON	\$31.00	\$11,160.00
45	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	1	LUMP	\$125,000.00	\$125,000.00
46	SP 516A	CRACK REPAIR USING INJECTION	14	FT	\$100.00	\$1,400.00
47	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	400	CY	\$70.00	\$28,000.00
48	SP 519	PATCHING CONCRETE STRUCTURES	96	SF	\$150.00	\$14,400.00
49	526	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	2020	SY	\$235.00	\$474,700.00
50	526	TYPE A INSTALLATION, AS PER PLAN	280	FT	\$100.00	\$28,000.00
51	602	CONCRETE MASONRY, AS PER PLAN	2	CY	\$1,400.00	\$2,800.00
52	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	43203	FT	\$18.97	\$819,560.91
53	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	2000	FT	\$27.84	\$55,680.00
54	606	ANCHOR ASSEMBLY, MGS TYPE T, USING LONG STEEL POSTS	27	EACH	\$872.68	\$23,562.36



55	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, USING LONG STEEL POSTS	27	EACH	\$2,441.48	\$65,919.96
56	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN, USING LONG STEEL POSTS	1	EACH	\$3,556.28	\$3,556.28
57	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	13	EACH	\$489.30	\$6,360.90
58	606	GUARDRAIL REBUILT	50	FT	\$12.91	\$645.50
59	606	FLARED END SECTION	8	EACH	\$55.49	\$443.92
60	SP 606A	ANCHOR ASSEMBLY, MGS TYPE E	49	EACH	\$2,360.77	\$115,677.73
61	SP 606B	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL)	2	EACH	\$4,413.83	\$8,827.66
62	607	FENCE, TYPE 47, AS PER PLAN	65109	FT	\$6.10	\$397,164.90
63	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1612	FT	\$11.00	\$17,732.00
64	609	CURB, TYPE 4-C	485	FT	\$48.00	\$23,280.00
65	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	526	FT	\$190.00	\$99,940.00
66	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	2	EACH	\$3,000.00	\$6,000.00
67	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	18	EACH	\$3,300.00	\$59,400.00
68	622	CONCRETE BARRIER, TYPE B-50, AS PER PLAN	487	FT	\$95.00	\$46,265.00
69	622	PORTABLE CONCRETE BARRIER, 32", AS PER PLAN	152	FT	\$45.00	\$6,840.00
70	623	MONUMENT BOX RECONSTRUCTED TO GRADE	10	EACH	\$550.00	\$5,500.00
71	623	MONUMENT ASSEMBLY REMOVED AND RESET	2	EACH	\$550.00	\$1,100.00
72	SP 626	BARRIER REFLECTOR, TYPE A	522	EACH	\$6.56	\$3,424.32
73	SP 626	BARRIER REFLECTOR, TYPE B	45	EACH	\$6.56	\$295.20
74	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$2.75	\$624.25

**Total:** \$12,144,995.70

**39-18-02A - EROSION CONTROL (Ref. Nos. 75-102)**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Extension</b>
75	SP 113	SWPPP MANAGEMENT	1	LUMP	\$20,000.00	\$20,000.00
76	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	304	CY	\$75.00	\$22,800.00
77	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	1048	CY	\$65.00	\$68,120.00
78	601	PAVED GUTTER, TYPE 1-2	18	FT	\$145.00	\$2,610.00
79	601	TIED CONCRETE BLOCK MAT, TYPE 1	241	SY	\$125.00	\$30,125.00
80	659	SOIL ANALYSIS TEST	14	EACH	\$102.86	\$1,440.04
81	659	TOPSOIL	12752	CY	\$7.50	\$95,640.00
82	659	TOPSOIL FURNISHED AND PLACED	3304	CY	\$28.00	\$92,512.00
83	659	SEEDING AND MULCHING	106400	SY	\$0.49	\$52,136.00
84	659	SEEDING AND MULCHING, CLASS 3A	29766	SY	\$0.81	\$24,110.46
85	SPECIAL	FENCELINE SEEDING AND MULCHING	65109	FT	\$0.69	\$44,925.21
86	659	REPAIR SEEDING AND MULCHING	5320	SY	\$0.49	\$2,606.80
87	659	INTER-SEEDING	5320	SY	\$0.49	\$2,606.80
88	659	COMMERCIAL FERTILIZER	14.36	TON	\$622.33	\$8,936.66
89	659	LIME	22	ACRE	\$63.78	\$1,403.16
90	659	WATER	634	M GAL	\$1.03	\$653.02
91	659	MOWING, AS PER PLAN	51	MILE	\$1,942.00	\$99,042.00
92	671	EROSION CONTROL MAT, TYPE B	41251	SY	\$1.82	\$75,076.82
93	832	EROSION CONTROL	1	LUMP	\$25,000.00	\$25,000.00
94	832	INLET PROTECTION	1028	FT	\$20.00	\$20,560.00
95	832	SLOPE DRAIN	200	FT	\$6.50	\$1,300.00
96	832	CONSTRUCTION SEEDING AND MULCHING	112780	SY	\$0.44	\$49,623.20
97	832	WINTER SEEDING AND MULCHING	25000	SY	\$0.74	\$18,500.00
98	832	PERIMETER FILTER FABRIC FENCE	15000	FT	\$3.50	\$52,500.00
99	832	FILTER FABRIC DITCH CHECK	3870	FT	\$11.00	\$42,570.00
100	832	CONSTRUCTION ENTRANCE	500	CY	\$38.00	\$19,000.00
101	832	ROCK CHANNEL PROTECTION, TYPE C OR D, WITH FILTER	250	CY	\$60.00	\$15,000.00
102	832	MISCELLANEOUS SEDIMENT REMOVAL	5000	CY	\$8.00	\$40,000.00
<b>Total:</b>						<b>\$928,797.17</b>

**39-18-02A - DRAINAGE (Ref. Nos. 103-161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
103	518	6" PERFORATED CORRUGATED PLASTIC PIPE	310	FT	\$5.00	\$1,550.00
104	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	20	FT	\$19.00	\$380.00
105	SP 605	TRENCH DRAIN, AS PER PLAN	40	CY	\$125.00	\$5,000.00
106	SP 605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	65378	FT	\$6.25	\$408,612.50
107	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (24")	65256	FT	\$8.25	\$538,362.00
108	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	49826	FT	\$8.75	\$435,977.50
109	SP 605	6" UNDERDRAIN OUTLET PIPE	6029	FT	\$27.00	\$162,783.00
110	SP 605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	200	FT	\$25.00	\$5,000.00
111	SP 605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	200	FT	\$35.00	\$7,000.00
112	SP 605	UNDERDRAIN ROCK EXCAVATION	250	CY	\$37.00	\$9,250.00
113	SP 611	12" CONDUIT, TYPE B, 706.02	25	FT	\$75.00	\$1,875.00
114	SP 611	12" CONDUIT, TYPE F, 707.33	386	FT	\$35.00	\$13,510.00
115	SP 611	15" CONDUIT, TYPE B, 706.02	298	FT	\$85.00	\$25,330.00
116	SP 611	18" CONDUIT, TYPE A, 706.02	37	FT	\$170.00	\$6,290.00
117	SP 611	18" CONDUIT, TYPE B, 706.02	245	FT	\$80.00	\$19,600.00
118	SP 611	24" CONDUIT, TYPE B, 706.02	20	FT	\$150.00	\$3,000.00
119	SP 611	30" CONDUIT, TYPE A, 706.02	20	FT	\$260.00	\$5,200.00
120	SP 611	30" CONDUIT, TYPE A, 707.33	125	FT	\$100.00	\$12,500.00
121	SP 611	36" CONDUIT, TYPE A, 706.02	4	FT	\$550.00	\$2,200.00
122	SP 611	36" CONDUIT, TYPE A, 707.33	24	FT	\$250.00	\$6,000.00
123	SP 611	36" CONDUIT, TYPE B, 706.02	648	FT	\$150.00	\$97,200.00
124	SP 611	54" CONDUIT, TYPE A, 706.02	8	FT	\$350.00	\$2,800.00
125	SP 611	72" CONDUIT, TYPE A, 706.02	14	FT	\$1,500.00	\$21,000.00
126	SP 611	CONDUIT, TYPE A, STRUCTURAL PLATE CORRUGATED STEEL PIPE ARCH, 707.03, 64" (SPAN) X 43" (RISE)	8	FT	\$475.00	\$3,800.00
127	SP 611	CONDUIT MISC.: CURED-IN-PLACE PIPE LINER, 30"	899	FT	\$155.00	\$139,345.00

128	SP 611	CONDUIT MISC.: INTERNAL VIDEO INSPECTION	2727	FT	\$5.00	\$13,635.00
129	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" OR LESS, AS PER PLAN	39	EACH	\$975.00	\$38,025.00
130	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" TO 12", AS PER PLAN	37	EACH	\$1,275.00	\$47,175.00
131	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	10	EACH	\$1,400.00	\$14,000.00
132	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$400.00	\$2,000.00
133	SP 611	PRECAST REINFORCED CONCRETE OUTLET	134	EACH	\$260.00	\$34,840.00
134	SP 611	CATCH BASIN, NO. CB-1	5	EACH	\$3,000.00	\$15,000.00
135	SP 611	CATCH BASIN, NO. 2-2B	1	EACH	\$1,600.00	\$1,600.00
136	SP 611	CATCH BASIN, NO. 2-3	2	EACH	\$2,100.00	\$4,200.00
137	SP 611	CATCH BASIN, NO. 2-4, AS PER PLAN	4	EACH	\$2,700.00	\$10,800.00
138	SP 611	CATCH BASIN, NO. 4	1	EACH	\$5,400.00	\$5,400.00
139	SP 611	CATCH BASIN, NO. 6	3	EACH	\$3,050.00	\$9,150.00
140	SP 611	MANHOLE, NO. 3, WITH 120 INCH BASE I.D.	1	EACH	\$15,000.00	\$15,000.00
141	SP 611	MANHOLE RECONSTRUCTED TO GRADE	3	EACH	\$2,200.00	\$6,600.00
142	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 87" SPAN X 63" RISE ARCH	223	FT	\$705.00	\$157,215.00
143	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 64" SPAN X 43" RISE ARCH	8	FT	\$1,610.00	\$12,880.00
144	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 65" SPAN X 40" RISE ARCH	318	FT	\$385.00	\$122,430.00
145	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 66" ROUND CONDUIT	537	FT	\$440.00	\$236,280.00
146	837	PIPE LINER, 60" ID, 707.42 OR SS938, AS PER PLAN	750	FT	\$410.00	\$307,500.00
147	837	BACKFILL FOR LINER PIPE	750	FT	\$57.50	\$43,125.00
148	SPECIAL	12" PRECAST CONCRETE END SECTION	5	EACH	\$1,000.00	\$5,000.00
149	SPECIAL	15" PRECAST CONCRETE END SECTION	2	EACH	\$1,150.00	\$2,300.00
150	SPECIAL	18" PRECAST CONCRETE END SECTION	8	EACH	\$1,400.00	\$11,200.00
151	SPECIAL	24" PRECAST CONCRETE END SECTION	1	EACH	\$1,950.00	\$1,950.00
152	SPECIAL	30" PRECAST CONCRETE END SECTION	5	EACH	\$2,350.00	\$11,750.00
153	SPECIAL	36" PRECAST CONCRETE END SECTION	1	EACH	\$3,200.00	\$3,200.00

154	SPECIAL 36" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$4,600.00	\$4,600.00
155	SPECIAL 54" PRECAST CONCRETE END SECTION	1	EACH	\$5,500.00	\$5,500.00
156	SPECIAL 72" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$6,000.00	\$6,000.00
157	SPECIAL CATCH BASIN CLEANED	56	EACH	\$140.00	\$7,840.00
158	SPECIAL PIPE CLEANOUT, 36" DIA AND UNDER	1831	FT	\$15.00	\$27,465.00
159	SPECIAL PIPE CLEANOUT, 50" DIA	130	FT	\$29.00	\$3,770.00
160	SPECIAL PIPE CLEANOUT, 60" DIA	208	FT	\$39.00	\$8,112.00
160A	SPECIAL PIPE CLEANOUT, 66" DIA	537	FT	\$27.50	\$14,767.50
160B	SPECIAL PIPE CLEANOUT, 72" DIA	750	FT	\$18.00	\$13,500.00
160C	SPECIAL PIPE CLEANOUT, 87" (SPAN) X 63" (RISE) ARCH	223	FT	\$68.00	\$15,164.00
161	SPECIAL PIPE CLEANOUT, 65" (SPAN) X 40" (RISE) ARCH	318	FT	\$37.00	\$11,766.00
				<b>Total:</b>	\$3,184,304.50

### 39-18-02A - PAVEMENT (Ref. Nos. 162-194)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
162	SP 202B	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT	20	CY	\$250.00	\$5,000.00
163	SP 202B	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER	3000	GAL	\$20.00	\$60,000.00
164	SP 202B	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)	20	CY	\$250.00	\$5,000.00
165	SP 202B	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING ITEM SP 402 (PG 64-22)	20	CY	\$250.00	\$5,000.00
166	SP 202B	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG 64-22)	20	CY	\$500.00	\$10,000.00

167	SP 202B	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG 64-22)	20	CY	\$500.00	\$10,000.00
168	251	PARTIAL DEPTH PAVEMENT REPAIR	1000	SY	\$92.00	\$92,000.00
169	252	FULL DEPTH PAVEMENT SAWING	76767	FT	\$1.55	\$118,988.85
170	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	210748	SY	\$1.50	\$316,122.00
171	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.5")	69163	SY	\$2.10	\$145,242.30
172	254	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH)	1142	SY	\$7.00	\$7,994.00
173	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	800	SY	\$94.75	\$75,800.00
174	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING RAPID REPAIR CONCRETE MIX MATERIAL)	800	SY	\$245.00	\$196,000.00
175	255	FULL DEPTH PAVEMENT SAWING	600	FT	\$2.20	\$1,320.00
176	SP 302	ASPHALT CONCRETE BASE, PG64-22 (SHOULDER)	16823	CY	\$135.00	\$2,271,105.00
177	SP 302	ASPHALT CONCRETE BASE, PG64-22	73375	CY	\$135.00	\$9,905,625.00
178	SP 304	AGGREGATE BASE (SHOULDER)	22934	CY	\$61.00	\$1,398,974.00
179	SP 304	AGGREGATE BASE	40710	CY	\$61.00	\$2,483,310.00
180	SP 304	COMPACTED AGGREGATE	2940	CY	\$62.00	\$182,280.00
181	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22	3721	CY	\$139.00	\$517,219.00
182	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR)	15058	CY	\$159.00	\$2,394,222.00
183	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG76-22	50	CY	\$350.00	\$17,500.00
184	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG64-22	11225	CY	\$162.00	\$1,818,450.00
185	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG76-22 (FR)	16664	CY	\$195.00	\$3,249,480.00
186	SP 404A	JOINT SEALER	245450	FT	\$0.40	\$98,180.00
187	407	NON -TRACKING TACK COAT FOR INTERMEDIATE COURSE	23275	GAL	\$3.25	\$75,643.75

188	407	NON -TRACKING TACK COAT	63291	GAL	\$3.00	\$189,873.00
189	423	CRACK SEALING, TYPE IV	15000	LBS	\$2.50	\$37,500.00
190	617	WATER	25	M GAL	\$40.00	\$1,000.00
191	617	SHOULDER PREPARATION	9100	SY	\$1.00	\$9,100.00
192	SP 617	COMPACTED AGGREGATE	760	CY	\$62.00	\$47,120.00
193	SP 627	STONE SHOULDER PROTECTION	1358	CY	\$65.00	\$88,270.00
194	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	33.09	MILE	\$960.00	\$31,766.40

**Total:** \$25,865,085.30

**39-18-02A - MAINTENANCE OF TRAFFIC (Ref. Nos. 195-236)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
195	202	IMPACT ATTENUATOR REMOVED AND RESET	2	EACH	\$4,358.34	\$8,716.68
196	202	GUARDRAIL REMOVED, AS PER PLAN	575	FT	\$1.61	\$925.75
197	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)	45	EACH	\$2,500.00	\$112,500.00
198	614	REPLACEMENT SIGN	20	EACH	\$240.00	\$4,800.00
199	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2	EACH	\$36,500.00	\$73,000.00
200	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	300	CY	\$125.00	\$37,500.00
201	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	2800	DAY	\$22.50	\$63,000.00
202	614	WORK ZONE LANE LINE, CLASS I, 642 PAINT (4" WHITE)	12.54	MILE	\$682.45	\$8,557.92
203	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" WHITE)	52.79	MILE	\$739.32	\$39,028.70
204	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" YELLOW)	44.69	MILE	\$739.32	\$33,040.21
205	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" WHITE)	3.1	MILE	\$1,108.98	\$3,437.84
206	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" YELLOW)	20.52	MILE	\$1,108.98	\$22,756.27

207	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" WHITE)	62360	FT	\$0.63	\$39,286.80
208	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" YELLOW)	16935	FT	\$0.63	\$10,669.05
209	614	WORK ZONE DOTTED LINE, CLASS I, 642 PAINT (4" WHITE)	18074	FT	\$0.74	\$13,374.76
210	SP 614	ZONE PERSON	20000	HOUR	\$64.00	\$1,280,000.00
211	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.55	MILE	\$1,652.74	\$2,561.75
212	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	2.13	MILE	\$6,595.26	\$14,047.90
213	SP 614B	WORK ZONE WHITE EDGE LINE, 6 INCH	0.52	MILE	\$9,895.52	\$5,145.67
214	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	2.57	MILE	\$6,595.26	\$16,949.82
215	SP 614B	WORK ZONE YELLOW EDGE LINE, 6 INCH	0.92	MILE	\$9,895.51	\$9,103.87
216	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	1485	FT	\$2.51	\$3,727.35
217	SP 614B	WORK ZONE DOTTED LINE, 4 INCH	425	FT	\$2.30	\$977.50
218	SP 614C	REMOVAL OF PAVEMENT MARKING	226.13	MILE	\$1,365.64	\$308,812.17
219	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	617	SY	\$115.00	\$70,955.00
220	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE I, AS PER PLAN	2592	SY	\$60.00	\$155,520.00
221	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE II, AS PER PLAN	1386	SY	\$100.00	\$138,600.00
222	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE III, AS PER PLAN	6425	SY	\$80.00	\$514,000.00
223	616	WATER	2000	M GAL	\$50.00	\$100,000.00
224	SP 621	RAISED PAVEMENT MARKER-STIMSONITE MODEL 101 LPCR	50	EACH	\$58.12	\$2,906.00
225	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	50	EACH	\$23.25	\$1,162.50
226	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING-STIMSONITE MODEL 101 LPCR	50	EACH	\$58.12	\$2,906.00
227	SP 622	32" PORTABLE BARRIER (WITH GLARE SCREEN)	1	LUMP	\$850,000.00	\$850,000.00
228	SP 622	32" PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1	LUMP	\$1,450,000.00	\$1,450,000.00
229	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	50	EACH	\$9.00	\$450.00
230	SP 626	BARRIER REFLECTOR, TYPE B	525	EACH	\$5.50	\$2,887.50
231	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	6990	EACH	\$4.50	\$31,455.00



232	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	2760	EACH	\$4.50	\$12,420.00
233	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	500	SF	\$19.00	\$9,500.00
234	SPECIAL	"SNAP" MILL AND FILL	32500	FT	\$6.00	\$195,000.00
235	SPECIAL	EXISTING CROSSOVER TO BE CLOSED / RE-OPENED	11	LUMP	\$1,500.00	\$16,500.00
236	SPECIAL	SPEED MEASUREMENT MARKING, AS PER PLAN	10	EACH	\$83.12	\$831.20
<b>Total:</b>						\$5,667,013.21

### 39-18-02A - LIGHTING (Ref. Nos. 237-260)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
237	625	CONNECTION, UNFUSED, PERMANENT	30	EACH	\$92.00	\$2,760.00
238	625	CONNECTION, FUSED, PULL APART	44	EACH	\$92.00	\$4,048.00
239	625	PULL BOX 725.08, 24"	6	EACH	\$900.00	\$5,400.00
240	625	DISCONNECT CIRCUIT	8	EACH	\$70.00	\$560.00
241	625	GROUND ROD	22	EACH	\$235.00	\$5,170.00
242	625	TRENCH, 24" DEEP	2619	FT	\$10.00	\$26,190.00
243	625	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG, 5000 VOLT CABLES	1007	FT	\$7.00	\$7,049.00
244	625	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	9216	FT	\$2.00	\$18,432.00
245	625	NO. 10 AWG GROUND CONDUCTOR	3945	FT	\$1.00	\$3,945.00
246	625	POLE AND BRACKET CABLE, NO. 10 AWG, 600 VOLT	1800	FT	\$1.00	\$1,800.00
247	625	1-1/2" CONDUIT	3357	FT	\$3.50	\$11,749.50
248	625	LUMINAIRE SUPPORT FOUNDATION REMOVAL	18	EACH	\$100.00	\$1,800.00
249	625	LUMINAIRE SUPPORT 'TYPE-A' REMOVAL, AS PER PLAN	18	EACH	\$100.00	\$1,800.00
250	625	LUMINAIRE SUPPORT 'TYPE-B' REMOVAL, AS PER PLAN	4	EACH	\$100.00	\$400.00
251	625	LUMINAIRE SUPPORT 'TYPE-A', AS PER PLAN	4	EACH	\$3,100.00	\$12,400.00
252	625	LUMINAIRE SUPPORT 'TYPE-A' INSTALLATION ONLY, AS PER PLAN	18	EACH	\$900.00	\$16,200.00

253	625	LUMINAIRE SUPPORT 'TYPE-B' INSTALLATION ONLY, AS PER PLAN	4	EACH	\$900.00	\$3,600.00
254	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 6' DEEP, AS PER PLAN	17	EACH	\$1,600.00	\$27,200.00
255	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 8' DEEP, AS PER PLAN	4	EACH	\$1,863.00	\$7,452.00
256	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE- A' LED, AS PER PLAN	4	EACH	\$800.00	\$3,200.00
257	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE- A' LED RETROFIT, AS PER PLAN	53	EACH	\$850.00	\$45,050.00
258	625	LIGHTING MISC.: LUMINAIRE LOW MAST 'TYPE-B' LED RETROFIT, AS PER PLAN	11	EACH	\$1,075.00	\$11,825.00
259	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$24,500.00	\$24,500.00
260	SPECIAL	PLASTIC CAUTION TAPE	2619	FT	\$0.50	\$1,309.50
<b>Total:</b>						\$243,840.00

### 39-18-02A - TRAFFIC CONTROL (Ref. Nos. 261-299)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
261	620	REMOVAL OF DELINEATOR	150	EACH	\$5.04	\$756.00
262	620	DELINEATOR, POST MOUNTED, AS PER PLAN (GROUND MOUNTED)	169	EACH	\$30.27	\$5,115.63
263	620	DELINEATOR, POST MOUNTED, AS PER PLAN (SURFACE MOUNTED)	10	EACH	\$30.27	\$302.70
264	621	RAISED PAVEMENT MARKER REMOVED	1190	EACH	\$6.50	\$7,735.00
265	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	2602	EACH	\$6.90	\$17,953.80
266	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	2646	EACH	\$23.94	\$63,345.24
267	625	GROUND ROD	6	EACH	\$253.21	\$1,519.26
268	SP 626	BARRIER REFLECTOR, TYPE B	400	EACH	\$6.56	\$2,624.00
269	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	278	FT	\$21.27	\$5,913.06

270	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	40	FT	\$38.49	\$1,539.60
271	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12x30	58	FT	\$49.63	\$2,878.54
272	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	18	EACH	\$774.82	\$13,946.76
273	630	BREAKAWAY STRUCTURAL BEAM CONNECTION	6	EACH	\$384.88	\$2,309.28
274	630	SIGN, SINGLE FACED, MILE MARKER, AS PER PLAN	18	EACH	\$45.58	\$820.44
275	630	SIGN ERECTED, FLAT SHEET, AS PER PLAN	320	EACH	\$55.71	\$17,827.20
276	630	SIGN ERECTED, EXTRUSHEET, AS PER PLAN	57	EACH	\$526.67	\$30,020.19
277	630	SIGN ATTACHMENT ASSEMBLY	56	EACH	\$491.23	\$27,508.88
278	630	SIGN BACKING ASSEMBLY	8	EACH	\$146.86	\$1,174.88
279	630	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	6	EACH	\$3,924.74	\$23,548.44
280	630	OVERHEAD SIGN SUPPORT, TYPE 12.30, DESIGN 10	6	EACH	\$17,673.99	\$106,043.94
281	630	SIGN POST REFLECTOR	198	EACH	\$35.45	\$7,019.10
282	630	TENTH MILEPOST SIGN ERECTED, AS PER PLAN	132	EACH	\$65.83	\$8,689.56
283	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	295	EACH	\$10.13	\$2,988.35
284	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	276	EACH	\$15.19	\$4,192.44
285	630	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	21	EACH	\$197.50	\$4,147.50
286	630	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	6	EACH	\$288.66	\$1,731.96
287	630	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	12	EACH	\$273.47	\$3,281.64
288	630	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	6	EACH	\$1,493.93	\$8,963.58
289	630	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	35	EACH	\$283.59	\$9,925.65
290	630	SIGNING MISC.: MILEPOST AND TENTH MILEPOST SIGNS REMOVED	150	EACH	\$10.13	\$1,519.50
291	630	SIGNING MISC.: REMOVE SIGN FLASHERS	2	EACH	\$150.00	\$300.00

292	630	SIGNING MISC.: REMOVE FOR REUSE SIGN FLASHER CONTROLLER	2	EACH	\$200.00	\$400.00
293	630	SIGNING MISC.: INSTALL SIGN FLASHERS AND FLASHER CONTROLLER	2	EACH	\$3,500.00	\$7,000.00
294	631	SIGN LIGHTING MISC.: REMOVE SIGN LIGHTING AND SIGN SERVICE	18	EACH	\$386.93	\$6,964.74
295	642	EDGE LINE, 6", TYPE 1	145.69	MILE	\$591.85	\$86,226.63
296	642	LANE LINE, 6", TYPE 1	140	MILE	\$321.29	\$44,980.60
297	642	DOTTED LINE, 6", TYPE 1	19290	FT	\$0.68	\$13,117.20
298	642	CHANNELIZING LINE, 12", TYPE 1	31080	FT	\$0.68	\$21,134.40
299	SPECIAL	SPEED MEASUREMENT MARKING	20	EACH	\$24.80	\$496.00
<b>Total:</b>						\$565,961.69

### 39-18-02A - BRIDGE MAINTENANCE (Ref. Nos. 300-311)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
300	SP 202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1	LUMP	\$9,500.00	\$9,500.00
301	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	4350	POUND	\$1.20	\$5,220.00
302	SP 511B	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	22	CY	\$1,200.00	\$26,400.00
303	516	1" PREFORMED EXPANSION JOINT FILLER	242	FT	\$5.50	\$1,331.00
304	SP 516A	CRACK REPAIR USING EPOXY INJECTION	304	FT	\$55.00	\$16,720.00
305	SP 516B	SEALING OF CONSTRUCTION JOINTS	4415	FT	\$6.00	\$26,490.00
306	SP 519	PATCHING CONCRETE STRUCTURES	2782	SF	\$90.00	\$250,380.00
307	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURE	1	LUMP	\$5,000.00	\$5,000.00
308	SP 533D	CONTINUOUS ELASTOMER SEAL IN A PORTLAND CEMENT CONCRETE JOINT	69	FT	\$75.00	\$5,175.00
309	SP 533G	REPLACEMENT OF STRIP SEAL WITH CONTINUOUS ELASTOMER SEAL	215	FT	\$45.00	\$9,675.00
310	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	2058	SY	\$9.00	\$18,522.00

311	SP 536	CONCRETE WEATHERPROOFING, DECK, AND APPROACH SLABS	6081	SY	\$9.00	\$54,729.00
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**Total:** \$429,142.00

**39-18-02A - MSE WALL REPAIR (Ref. Nos. 312-315)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
312	SP 536	CONCRETE WEATHERPROOFING (PARAPET)	6246	SY	\$9.00	\$56,214.00
313	SP 536	CONCRETE WEATHERPROOFING (MSE PANEL)	57	SY	\$40.00	\$2,280.00
314		SPECIAL PORTIONS OF STRUCTURE REPAIRED (PARAPET)	25	SF	\$250.00	\$6,250.00
315		SPECIAL PORTIONS OF STRUCTURE REPAIRED (MSE PANEL)	153	SF	\$135.00	\$20,655.00
<b>Total:</b>						<b>\$85,399.00</b>

**39-18-02A - GENERAL (Ref. Nos. 316-317)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
316	SP 614	MAINTAINING TRAFFIC	1	LUMP	\$1,600,000.00	\$1,600,000.00
317	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$220,000.00	\$220,000.00
<b>Total:</b>						<b>\$1,820,000.00</b>

**39-18-02B - ROADWAY (Ref. Nos. 318 - 355)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
318	202	PAVEMENT REMOVED, AS PER PLAN	23197	SY	\$5.50	\$127,583.50
319	202	GUARDRAIL REMOVED, AS PER PLAN	11998	FT	\$1.61	\$19,316.78
320	202	GUARDRAIL REMOVED AND RESET, BARRIER DESIGN, AS PER PLAN	550	FT	\$14.73	\$8,101.50
321	202	CONCRETE MEDIAN REMOVED	759	SY	\$1.50	\$1,138.50
322	202	CONCRETE BARRIER REMOVED	260	FT	\$10.00	\$2,600.00
323	203	EXCAVATION	5086	CY	\$12.00	\$61,032.00
324	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$15.00	\$27,000.00
325	204	EXCAVATION	178	CY	\$18.00	\$3,204.00

326	204	EXCAVATION OF SUBGRADE	2400	CY	\$9.00	\$21,600.00
327	204	EMBANKMENT	2400	CY	\$12.00	\$28,800.00
328	204	TYPE D GEOTEXTILE, 712.09	227	SY	\$2.50	\$567.50
329	204	SUBGRADE COMPACTION	3827	SY	\$1.00	\$3,827.00
330	206	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	27000	SY	\$1.80	\$48,600.00
331	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$1.80	\$21,600.00
332	206	CEMENT	1260	TON	\$144.97	\$182,662.20
333	206	CURING COAT, AS PER PLAN	2100	GAL	\$4.44	\$9,324.00
334	206	TEST ROLLING	40	HOUR	\$125.00	\$5,000.00
335	209	DITCH CLEANOUT	500	FT	\$2.75	\$1,375.00
336	209	LINEAR GRADING, AS PER PLAN	8400	FT	\$1.00	\$8,400.00
337	SP 304	GRANULAR MATERIAL	360	TON	\$31.00	\$11,160.00
338	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	10638	FT	\$18.97	\$201,802.86
339	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	225	FT	\$29.46	\$6,628.50
340	606	ANCHOR ASSEMBLY, MGS TYPE T	18	EACH	\$802.06	\$14,437.08
341	606	ANCHOR ASSEMBLY, BARRIER DESIGN, MGS TYPE A	1	EACH	\$1,533.49	\$1,533.49
342	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	9	EACH	\$2,199.35	\$19,794.15
343	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	7	EACH	\$423.73	\$2,966.11
344	606	GUARDRAIL REBUILT	25	FT	\$12.91	\$322.75
345	SP 606A	ANCHOR ASSEMBLY, TYPE E (ET-31)	17	EACH	\$2,360.77	\$40,133.09
346	609	CURB, TYPE 4-C	163	FT	\$48.00	\$7,824.00
347	609	CURB, TYPE 6	1423	FT	\$20.00	\$28,460.00
348	609	CONCRETE MEDIAN	765	SY	\$55.00	\$42,075.00
349	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	229	FT	\$180.00	\$41,220.00
350	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	1	EACH	\$2,700.00	\$2,700.00
351	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	1	EACH	\$3,100.00	\$3,100.00
352	623	MONUMENT BOX RECONSTRUCTED TO GRADE	42	EACH	\$550.00	\$23,100.00
353	623	MONUMENT ASSEMBLY REMOVED AND RESET	3	EACH	\$550.00	\$1,650.00
354	SP 626	BARRIER REFLECTOR, TYPE A	133	EACH	\$6.66	\$885.78

355	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$2.75	\$624.25
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**Total:** \$1,032,149.04

**39-18-02B - EROSION CONTROL (Ref. Nos. 356-368)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
356	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	10	CY	\$75.00	\$750.00
357	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	10	CY	\$65.00	\$650.00
358	601	TIED CONCRETE BLOCK MAT, TYPE 1	29	SY	\$125.00	\$3,625.00
359	659	SOIL ANALYSIS TEST	2	EACH	\$102.87	\$205.74
360	659	TOPSOIL	1250	CY	\$7.50	\$9,375.00
361	659	SEEDING AND MULCHING	11200	SY	\$0.77	\$8,624.00
362	659	REPAIR SEEDING AND MULCHING	560	SY	\$0.77	\$431.20
363	659	INTER-SEEDING	560	SY	\$0.77	\$431.20
364	659	COMMERCIAL FERTILIZER	1.52	TON	\$622.32	\$945.93
365	659	LIME	2.4	ACRE	\$63.78	\$153.07
366	659	WATER	70	M GAL	\$1.03	\$72.10
367	832	PERIMETER FILTER FABRIC FENCE	8000	FT	\$3.50	\$28,000.00
368	832	FILTER FABRIC DITCH CHECK	500	FT	\$11.00	\$5,500.00

**Total:** \$58,763.24

**39-18-02B - DRAINAGE (Ref. Nos. 369-381)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
369	605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	50	FT	\$25.00	\$1,250.00
370	605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	50	FT	\$35.00	\$1,750.00
371	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	15600	FT	\$10.00	\$156,000.00
372	SP 611	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	13	EACH	\$1,500.00	\$19,500.00
373	SP 611	INLET RECONSTRUCTED TO GRADE, AS PER PLAN	6	EACH	\$2,800.00	\$16,800.00

374	SP 611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	5	EACH	\$1,850.00	\$9,250.00
375	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4"-12", AS PER PLAN	16	EACH	\$2,075.00	\$33,200.00
376	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	4	EACH	\$1,400.00	\$5,600.00
377	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$400.00	\$2,000.00
378	SP 605	6" UNDERDRAIN OUTLET PIPE	684	FT	\$25.00	\$17,100.00
379	NOT USED	NOT USED	0	NOT USED		\$0.00
380	SP 611	PRECAST REINFORCED CONCRETE OUTLET	16	EACH	\$260.00	\$4,160.00
381	SPECIAL	CATCH BASIN CLEANED	2	EACH	\$140.00	\$280.00
<b>Total:</b>						\$266,890.00

### 39-18-02B - PAVEMENT (Ref. Nos. 382-401)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
382	252	FULL DEPTH PAVEMENT SAWING	422	FT	\$1.55	\$654.10
383	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	14420	SY	\$2.25	\$32,445.00
384	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")	6131	SY	\$3.25	\$19,925.75
385	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1")	37645	SY	\$3.00	\$112,935.00
386	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (DEPTH VARIES)	1500	SY	\$3.65	\$5,475.00
387	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN	1440	SY	\$8.70	\$12,528.00
388	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING CLASS QC MS CONCRETE)	6365	SY	\$91.00	\$579,215.00
388A	255	FULL DEPTH PAVEMENT JOINT REPAIR (USING CLASS QC MS CONCRETE)	1150	SY	\$115.00	\$132,250.00
389	255	FULL DEPTH PAVEMENT SAWING	15250	FT	\$2.00	\$30,500.00
390	SP 302	ASPHALT CONCRETE BASE, PG 64-22	5279	CY	\$115.00	\$607,085.00
391	SP 304	AGGREGATE BASE	4535	CY	\$61.00	\$276,635.00



392	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 76-22 (FR)	3890	CY	\$157.00	\$610,730.00
393	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG 76-22	888	CY	\$240.00	\$213,120.00
394	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR)	3415	CY	\$210.00	\$717,150.00
395	407	NON-TRACKING TACK COAT	14520	GAL	\$2.75	\$39,930.00
396	423	CRACK SEALING, TYPE IV	31000	FT	\$2.00	\$62,000.00
397	617	SHOULDER PREPARATION	14325	SY	\$0.50	\$7,162.50
398	617	WATER	45	M GAL	\$40.00	\$1,800.00
399	SP 617	COMPACTED AGGREGATE	1915	CY	\$42.00	\$80,430.00
400	SP 627	STONE SHOULDER PROTECTION	756	CY	\$65.00	\$49,140.00
401	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	26000	FT	\$5.85	\$152,100.00
<b>Total:</b>						\$3,743,210.35

### 39-18-02B - LIGHTING (Ref. No. 402)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
402		SPECIAL MAINTAIN EXISTING LIGHTING	1	LUMP	\$15,550.00	\$15,550.00
<b>Total:</b>						\$15,550.00

### 39-18-02B - TRAFFIC CONTROL (Ref. Nos. 403-408)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
403	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	350	EACH	\$23.94	\$8,379.00
404	642	EDGE LINE, 6", TYPE 1	9	MILE	\$760.95	\$6,848.55
405	642	LANE LINE, 6", TYPE 1	0.5	MILE	\$710.22	\$355.11
406	642	CHANNELIZING LINE, 12", TYPE 1	2500	FT	\$0.90	\$2,250.00
407	642	LANE ARROW, TYPE 1	9	EACH	\$62.00	\$558.00
408	642	WORD ON PAVEMENT, 72", TYPE 1	3	EACH	\$73.28	\$219.84

**Total:** \$18,610.50

**39-18-02B - BRIDGE MAINTENANCE (Ref. Nos. 409-415)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
409	202	APPROACH SLAB REMOVED, AS PER PLAN	440	SY	\$130.00	\$57,200.00
410	511	CONCRETE, MISC.: REPAIR OF RAISED MEDIAN	100	FT	\$180.00	\$18,000.00
411	516B	SEALING OF CONCRETE CONSTRUCTION JOINTS	4860	FT	\$6.00	\$29,160.00
412	526	REINFORCED CONCRETE APPROACH SLAB (T=15"), AS PER PLAN	440	SY	\$245.00	\$107,800.00
413	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	3375	SY	\$9.00	\$30,375.00
414	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	990	SY	\$10.00	\$9,900.00
415	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	18	SY	\$450.00	\$8,100.00
<b>Total:</b>						\$260,535.00

**39-18-02B - MAINTENANCE OF TRAFFIC (Ref. No. 416 - 425)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
416	614	ASPHALT CONCRETE FOR MAINTAINING PAVEMENT	100	CY	\$125.00	\$12,500.00
417	614	WORK ZONE IMPACT ATTENUATOR FOR 24" HAZARD (UNIDIRECTIONAL)	2	EACH	\$1,900.00	\$3,800.00
418	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	13.5	MILE	\$6,286.68	\$84,870.18
419	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	13.5	MILE	\$6,286.68	\$84,870.18
420	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	7500	FT	\$2.41	\$18,075.00
421	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.5	MILE	\$1,579.51	\$2,369.27
422	SP 614C	REMOVAL OF PAVEMENT MARKING	9	MILE	\$1,953.60	\$17,582.40
423	621	RAISED PAVEMENT MARKER REMOVED	350	EACH	\$6.50	\$2,275.00
424	NOT USED	NOT USED	0	NOT USED		\$0.00
425	SP 622	PARTABLE BARRIER, 32" (WITHOUT GLARE SCREEN)	1	LUMP	\$8,000.00	\$8,000.00

**Total:** \$234,342.03

**39-18-02B - GENERAL (Ref. Nos. 426-427)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
426	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$30,000.00	\$30,000.00
427	SP 614	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP	\$219,300.00	\$219,300.00
<b>Total:</b>						\$249,300.00

**39-18-02 - GENERAL (Ref. Nos. 428-430)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
428	IB,ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1	LUMP	\$400,000.00	\$400,000.00
429	SP 619	FIELD OFFICE	1	LUMP	\$200,000.00	\$200,000.00
430	624	MOBILIZATION	1	LUMP	\$1,200,000.00	\$1,200,000.00
<b>Total:</b>						\$1,800,000.00

**TOTAL BID AMOUNT (ITEMS 1 THRU 430) \$58,613,888.73**

**WASTE SITE DEDUCT ALTERNATE**

\$1,500,000.00

**TEMPORARY ACCESS DEDUCT ALTERNATE**

\$250,000.00

**THE SHELLY COMPANY - NORTHEAST**

**39-18-02A - ROADWAY (Ref. Nos. 1 - 74)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LUMP	\$400,000.00	\$400,000.00
2	201	TREE REMOVED, 18" SIZE	658	EACH	\$405.00	\$266,490.00
3	201	TREE REMOVED, 30" SIZE	119	EACH	\$868.00	\$103,292.00
4	201	TREE REMOVED, 48" SIZE	30	EACH	\$1,570.00	\$47,100.00
5	SPECIAL	FENCELINE CLEARING AND GRUBBING	65109	FT	\$1.70	\$110,685.30
6	202	HEADWALL REMOVED	12	EACH	\$375.00	\$4,500.00
7	202	HEADWALL REMOVED, AS PER PLAN	1	EACH	\$2,500.00	\$2,500.00
8	202	PIPE REMOVED, 24" AND UNDER	636	FT	\$12.50	\$7,950.00
9	202	PIPE REMOVED, OVER 24"	191	FT	\$15.00	\$2,865.00
10	202	CATCH BASIN OR INLET REMOVED	5	EACH	\$450.00	\$2,250.00
11	202	FENCE REMOVED	65109	FT	\$1.50	\$97,663.50
12	202	GUARDRAIL REMOVED, AS PER PLAN	45451	FT	\$1.60	\$72,721.60
13	202	APPROACH SLAB REMOVED, TYPE 1, AS PER PLAN	334	SY	\$85.00	\$28,390.00
14	202	APPROACH SLAB REMOVED, TYPE 2, AS PER PLAN	1014	SY	\$85.00	\$86,190.00
15	202	APPROACH SLAB REMOVED, TYPE 3, AS PER PLAN	330	SY	\$85.00	\$28,050.00
16	202	APPROACH SLAB REMOVED, TYPE 4, AS PER PLAN	338	SY	\$85.00	\$28,730.00
17	202	CONCRETE BARRIER REMOVED	701	FT	\$10.00	\$7,010.00
18	202	PAVEMENT REMOVED, AS PER PLAN	284189	SY	\$10.50	\$2,983,984.50
19	202	GUTTER REMOVED	31	FT	\$50.00	\$1,550.00
20	202	STRUCTURE REMOVED, AS PER PLAN	1	EACH	\$2,500.00	\$2,500.00
21	202	PORTIONS OF STRUCTURES REMOVED, AS PER PLAN	20	CY	\$225.00	\$4,500.00
22	202	REMOVAL MISC.: SIGN FOUNDATION REMOVED	5	EACH	\$450.00	\$2,250.00
23	202	REMOVAL MISC.: MONITORING WELL ABANDONED	18	EACH	\$300.00	\$5,400.00
24	203	EXCAVATION FOR SLOPE EROSION PROTECTION	2879	CY	\$25.00	\$71,975.00
25	203	EXCAVATION	78356	CY	\$25.00	\$1,958,900.00
26	203	EMBANKMENT	29009	CY	\$25.00	\$725,225.00
27	203	GRANULAR EMBANKMENT	110	CY	\$50.00	\$5,500.00

28	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$7.50	\$13,500.00
29	203	EXCAVATION OF SLAG, AS PER PLAN	24000	CY	\$7.00	\$168,000.00
30	203	DISPOSAL OF SLAG, AS PER PLAN	24000	CY	\$30.00	\$720,000.00
31	204	EXCAVATION	178	CY	\$35.00	\$6,230.00
32	204	GEOTEXTILE FABRIC, 712.09, TYPE D	227	SY	\$2.75	\$624.25
33	204	SUBGRADE COMPACTION	2297	SY	\$3.00	\$6,891.00
34	SPECIAL	SCOUR HOLE REMEDIATION USING GRANULAR MATERIAL	1	LUMP	\$15,000.00	\$15,000.00
35	206	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP, AS PER PLAN	319232	SY	\$1.74	\$555,463.68
36	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$1.74	\$20,880.00
37	206	CEMENT	14010	TON	\$142.00	\$1,989,420.00
38	206	CURING COAT, AS PER PLAN	19630	GAL	\$4.35	\$85,390.50
39	206	TEST ROLLING	180	HOUR	\$95.00	\$17,100.00
40	209	LINER GRADING, AS PER PLAN	65578	FT	\$1.50	\$98,367.00
41	209	DITCH CLEANOUT	10760	FT	\$7.00	\$75,320.00
42	SPECIAL	CHANNEL CLEANOUT	727	SY	\$19.50	\$14,176.50
43	SPECIAL	CONCRETE CHANNEL CLEANOUT	5750	FT	\$2.50	\$14,375.00
44	SP 304	GRANULAR MATERIAL	360	TON	\$20.00	\$7,200.00
45	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	1	LUMP	\$600,000.00	\$600,000.00
46	SP 516A	CRACK REPAIR USING INJECTION	14	FT	\$100.00	\$1,400.00
47	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	400	CY	\$170.00	\$68,000.00
48	SP 519	PATCHING CONCRETE STRUCTURES	96	SF	\$150.00	\$14,400.00
49	526	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	2020	SY	\$295.00	\$595,900.00
50	526	TYPE A INSTALLATION, AS PER PLAN	280	FT	\$160.00	\$44,800.00
51	602	CONCRETE MASONRY, AS PER PLAN	2	CY	\$2,500.00	\$5,000.00
52	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	43203	FT	\$18.80	\$812,216.40
53	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	2000	FT	\$27.60	\$55,200.00
54	606	ANCHOR ASSEMBLY, MGS TYPE T, USING LONG STEEL POSTS	27	EACH	\$865.00	\$23,355.00

55	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, USING LONG STEEL POSTS	27	EACH	\$2,420.00	\$65,340.00
56	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN, USING LONG STEEL POSTS	1	EACH	\$3,525.00	\$3,525.00
57	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	13	EACH	\$485.00	\$6,305.00
58	606	GUARDRAIL REBUILT	50	FT	\$12.80	\$640.00
59	606	FLARED END SECTION	8	EACH	\$55.00	\$440.00
60	SP 606A	ANCHOR ASSEMBLY, MGS TYPE E	49	EACH	\$2,340.00	\$114,660.00
61	SP 606B	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL)	2	EACH	\$4,375.00	\$8,750.00
62	607	FENCE, TYPE 47, AS PER PLAN	65109	FT	\$6.00	\$390,654.00
63	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1612	FT	\$10.00	\$16,120.00
64	609	CURB, TYPE 4-C	485	FT	\$34.75	\$16,853.75
65	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	526	FT	\$137.00	\$72,062.00
66	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	2	EACH	\$3,696.00	\$7,392.00
67	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	18	EACH	\$3,575.00	\$64,350.00
68	622	CONCRETE BARRIER, TYPE B-50, AS PER PLAN	487	FT	\$185.75	\$90,460.25
69	622	PORTABLE CONCRETE BARRIER, 32", AS PER PLAN	152	FT	\$38.00	\$5,776.00
70	623	MONUMENT BOX RECONSTRUCTED TO GRADE	10	EACH	\$625.00	\$6,250.00
71	623	MONUMENT ASSEMBLY REMOVED AND RESET	2	EACH	\$825.00	\$1,650.00
72	SP 626	BARRIER REFLECTOR, TYPE A	522	EACH	\$6.50	\$3,393.00
73	SP 626	BARRIER REFLECTOR, TYPE B	45	EACH	\$6.50	\$292.50
74	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$3.50	\$794.50
					<b>Total:</b>	<b>\$13,962,089.23</b>

**39-18-02A - EROSION CONTROL (Ref. Nos. 75-102)**

<b>Ref. No.</b>	<b>Item No.</b>	<b>Description</b>	<b>Quantity</b>	<b>Units</b>	<b>Unit Price</b>	<b>Extension</b>
75	SP 113	SWPPP MANAGEMENT	1	LUMP	\$50,000.00	\$50,000.00
76	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	304	CY	\$300.00	\$91,200.00
77	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	1048	CY	\$290.00	\$303,920.00
78	601	PAVED GUTTER, TYPE 1-2	18	FT	\$86.95	\$1,565.10
79	601	TIED CONCRETE BLOCK MAT, TYPE 1	241	SY	\$135.00	\$32,535.00
80	659	SOIL ANALYSIS TEST	14	EACH	\$50.00	\$700.00
81	659	TOPSOIL	12752	CY	\$9.75	\$124,332.00
82	659	TOPSOIL FURNISHED AND PLACED	3304	CY	\$19.00	\$62,776.00
83	659	SEEDING AND MULCHING	106400	SY	\$0.64	\$68,096.00
84	659	SEEDING AND MULCHING, CLASS 3A	29766	SY	\$0.64	\$19,050.24
85	SPECIAL	FENCELINE SEEDING AND MULCHING	65109	FT	\$0.40	\$26,043.60
86	659	REPAIR SEEDING AND MULCHING	5320	SY	\$1.00	\$5,320.00
87	659	INTER-SEEDING	5320	SY	\$0.10	\$532.00
88	659	COMMERCIAL FERTILIZER	14.36	TON	\$650.00	\$9,334.00
89	659	LIME	22	ACRE	\$10.00	\$220.00
90	659	WATER	634	M GAL	\$1.00	\$634.00
91	659	MOWING, AS PER PLAN	51	MILE	\$725.00	\$36,975.00
92	671	EROSION CONTROL MAT, TYPE B	41251	SY	\$1.80	\$74,251.80
93	832	EROSION CONTROL	1	LUMP	\$5,000.00	\$5,000.00
94	832	INLET PROTECTION	1028	FT	\$8.20	\$8,429.60
95	832	SLOPE DRAIN	200	FT	\$10.63	\$2,126.00
96	832	CONSTRUCTION SEEDING AND MULCHING	112780	SY	\$0.60	\$67,668.00
97	832	WINTER SEEDING AND MULCHING	25000	SY	\$1.00	\$25,000.00
98	832	PERIMETER FILTER FABRIC FENCE	15000	FT	\$1.75	\$26,250.00
99	832	FILTER FABRIC DITCH CHECK	3870	FT	\$15.00	\$58,050.00
100	832	CONSTRUCTION ENTRANCE	500	CY	\$40.00	\$20,000.00
101	832	ROCK CHANNEL PROTECTION, TYPE C OR D, WITH FILTER	250	CY	\$200.00	\$50,000.00
102	832	MISCELLANEOUS SEDIMENT REMOVAL	5000	CY	\$5.00	\$25,000.00
<b>Total:</b>						<b>\$1,195,008.34</b>

**39-18-02A - DRAINAGE (Ref. Nos. 103-161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
103	518	6" PERFORATED CORRUGATED PLASTIC PIPE	310	FT	\$10.00	\$3,100.00
104	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	20	FT	\$38.00	\$760.00
105	SP 605	TRENCH DRAIN, AS PER PLAN	40	CY	\$125.00	\$5,000.00
106	SP 605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	65378	FT	\$6.10	\$398,805.80
107	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (24")	65256	FT	\$9.05	\$590,566.80
108	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	49826	FT	\$10.30	\$513,207.80
109	SP 605	6" UNDERDRAIN OUTLET PIPE	6029	FT	\$18.00	\$108,522.00
110	SP 605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	200	FT	\$12.00	\$2,400.00
111	SP 605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	200	FT	\$12.00	\$2,400.00
112	SP 605	UNDERDRAIN ROCK EXCAVATION	250	CY	\$28.00	\$7,000.00
113	SP 611	12" CONDUIT, TYPE B, 706.02	25	FT	\$65.00	\$1,625.00
114	SP 611	12" CONDUIT, TYPE F, 707.33	386	FT	\$55.00	\$21,230.00
115	SP 611	15" CONDUIT, TYPE B, 706.02	298	FT	\$75.00	\$22,350.00
116	SP 611	18" CONDUIT, TYPE A, 706.02	37	FT	\$105.00	\$3,885.00
117	SP 611	18" CONDUIT, TYPE B, 706.02	245	FT	\$95.00	\$23,275.00
118	SP 611	24" CONDUIT, TYPE B, 706.02	20	FT	\$100.00	\$2,000.00
119	SP 611	30" CONDUIT, TYPE A, 706.02	20	FT	\$105.00	\$2,100.00
120	SP 611	30" CONDUIT, TYPE A, 707.33	125	FT	\$110.00	\$13,750.00
121	SP 611	36" CONDUIT, TYPE A, 706.02	4	FT	\$200.00	\$800.00
122	SP 611	36" CONDUIT, TYPE A, 707.33	24	FT	\$70.00	\$1,680.00
123	SP 611	36" CONDUIT, TYPE B, 706.02	648	FT	\$125.00	\$81,000.00
124	SP 611	54" CONDUIT, TYPE A, 706.02	8	FT	\$250.00	\$2,000.00
125	SP 611	72" CONDUIT, TYPE A, 706.02	14	FT	\$610.00	\$8,540.00
126	SP 611	CONDUIT, TYPE A, STRUCTURAL PLATE CORRUGATED STEEL PIPE ARCH, 707.03, 64" (SPAN) X 43" (RISE)	8	FT	\$510.00	\$4,080.00
127	SP 611	CONDUIT MISC.: CURED-IN-PLACE PIPE LINER, 30"	899	FT	\$137.00	\$123,163.00



128	SP 611	CONDUIT MISC.: INTERNAL VIDEO INSPECTION	2727	FT	\$3.00	\$8,181.00
129	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" OR LESS, AS PER PLAN	39	EACH	\$1,250.00	\$48,750.00
130	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" TO 12", AS PER PLAN	37	EACH	\$1,475.00	\$54,575.00
131	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	10	EACH	\$1,700.00	\$17,000.00
132	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$475.00	\$2,375.00
133	SP 611	PRECAST REINFORCED CONCRETE OUTLET	134	EACH	\$225.00	\$30,150.00
134	SP 611	CATCH BASIN, NO. CB-1	5	EACH	\$3,500.00	\$17,500.00
135	SP 611	CATCH BASIN, NO. 2-2B	1	EACH	\$1,000.00	\$1,000.00
136	SP 611	CATCH BASIN, NO. 2-3	2	EACH	\$1,500.00	\$3,000.00
137	SP 611	CATCH BASIN, NO. 2-4, AS PER PLAN	4	EACH	\$2,100.00	\$8,400.00
138	SP 611	CATCH BASIN, NO. 4	1	EACH	\$2,800.00	\$2,800.00
139	SP 611	CATCH BASIN, NO. 6	3	EACH	\$2,250.00	\$6,750.00
140	SP 611	MANHOLE, NO. 3, WITH 120 INCH BASE I.D.	1	EACH	\$15,000.00	\$15,000.00
141	SP 611	MANHOLE RECONSTRUCTED TO GRADE	3	EACH	\$1,000.00	\$3,000.00
142	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 87" SPAN X 63" RISE ARCH	223	FT	\$615.00	\$137,145.00
143	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 64" SPAN X 43" RISE ARCH	8	FT	\$1,450.00	\$11,600.00
144	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 65" SPAN X 40" RISE ARCH	318	FT	\$320.00	\$101,760.00
145	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 66" ROUND CONDUIT	537	FT	\$370.00	\$198,690.00
146	837	PIPE LINER, 60" ID, 707.42 OR SS938, AS PER PLAN	750	FT	\$365.00	\$273,750.00
147	837	BACKFILL FOR LINER PIPE	750	FT	\$53.00	\$39,750.00
148	SPECIAL	12" PRECAST CONCRETE END SECTION	5	EACH	\$1,725.00	\$8,625.00
149	SPECIAL	15" PRECAST CONCRETE END SECTION	2	EACH	\$1,590.00	\$3,180.00
150	SPECIAL	18" PRECAST CONCRETE END SECTION	8	EACH	\$1,625.00	\$13,000.00
151	SPECIAL	24" PRECAST CONCRETE END SECTION	1	EACH	\$2,000.00	\$2,000.00
152	SPECIAL	30" PRECAST CONCRETE END SECTION	5	EACH	\$2,695.00	\$13,475.00
153	SPECIAL	36" PRECAST CONCRETE END SECTION	1	EACH	\$3,400.00	\$3,400.00

154	SPECIAL 36" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$3,400.00	
					\$3,400.00
155	SPECIAL 54" PRECAST CONCRETE END SECTION	1	EACH	\$6,300.00	\$6,300.00
156	SPECIAL 72" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$3,000.00	
					\$3,000.00
157	SPECIAL CATCH BASIN CLEANED	56	EACH	\$125.00	\$7,000.00
158	SPECIAL PIPE CLEANOUT, 36" DIA AND UNDER	1831	FT	\$10.00	\$18,310.00
159	SPECIAL PIPE CLEANOUT, 50" DIA	130	FT	\$14.50	\$1,885.00
160	SPECIAL PIPE CLEANOUT, 60" DIA	208	FT	\$15.00	\$3,120.00
160A	SPECIAL PIPE CLEANOUT, 66" DIA	537	FT	\$25.00	\$13,425.00
160B	SPECIAL PIPE CLEANOUT, 72" DIA	750	FT	\$16.00	\$12,000.00
160C	SPECIAL PIPE CLEANOUT, 87" (SPAN) X 63" (RISE) ARCH	223	FT	\$62.00	\$13,826.00
161	SPECIAL PIPE CLEANOUT, 65" (SPAN) X 40" (RISE) ARCH	318	FT	\$34.00	\$10,812.00
				<b>Total:</b>	\$3,061,174.40

**39-18-02A - PAVEMENT (Ref. Nos. 162-194)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
162	SP 202B	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT	20	CY	\$300.00	\$6,000.00
163	SP 202B	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER	3000	GAL	\$15.00	\$45,000.00
164	SP 202B	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)	20	CY	\$300.00	\$6,000.00
165	SP 202B	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING ITEM SP 402 (PG 64-22)	20	CY	\$300.00	\$6,000.00
166	SP 202B	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG 64-22)	20	CY	\$325.00	\$6,500.00

167	SP 202B	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG 64-22)	20	CY	\$325.00	\$6,500.00
168	251	PARTIAL DEPTH PAVEMENT REPAIR	1000	SY	\$85.00	\$85,000.00
169	252	FULL DEPTH PAVEMENT SAWING	76767	FT	\$1.55	\$118,988.85
170	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	210748	SY	\$1.75	\$368,809.00
171	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.5")	69163	SY	\$2.25	\$155,616.75
172	254	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH)	1142	SY	\$10.00	\$11,420.00
173	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	800	SY	\$125.00	\$100,000.00
174	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING RAPID REPAIR CONCRETE MIX MATERIAL)	800	SY	\$200.00	\$160,000.00
175	255	FULL DEPTH PAVEMENT SAWING	600	FT	\$2.50	\$1,500.00
176	SP 302	ASPHALT CONCRETE BASE, PG64-22 (SHOULDER)	16823	CY	\$103.00	\$1,732,769.00
177	SP 302	ASPHALT CONCRETE BASE, PG64-22	73375	CY	\$103.00	\$7,557,625.00
178	SP 304	AGGREGATE BASE (SHOULDER)	22934	CY	\$55.00	\$1,261,370.00
179	SP 304	AGGREGATE BASE	40710	CY	\$55.00	\$2,239,050.00
180	SP 304	COMPACTED AGGREGATE	2940	CY	\$60.00	\$176,400.00
181	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22	3721	CY	\$125.00	\$465,125.00
182	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR)	15058	CY	\$140.00	\$2,108,120.00
183	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG76-22	50	CY	\$235.00	\$11,750.00
184	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG64-22	11225	CY	\$155.00	\$1,739,875.00
185	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG76-22 (FR)	16664	CY	\$180.00	\$2,999,520.00
186	SP 404A	JOINT SEALER	245450	FT	\$0.50	\$122,725.00
187	407	NON -TRACKING TACK COAT FOR INTERMEDIATE COURSE	23275	GAL	\$2.25	\$52,368.75

188	407	NON -TRACKING TACK COAT	63291	GAL	\$2.25	\$142,404.75
189	423	CRACK SEALING, TYPE IV	15000	LBS	\$2.00	\$30,000.00
190	617	WATER	25	M GAL	\$100.00	\$2,500.00
191	617	SHOULDER PREPARATION	9100	SY	\$0.30	\$2,730.00
192	SP 617	COMPACTED AGGREGATE	760	CY	\$50.00	\$38,000.00
193	SP 627	STONE SHOULDER PROTECTION	1358	CY	\$65.00	\$88,270.00
194	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	33.09	MILE	\$1,350.00	\$44,671.50

**Total:** \$21,892,608.60

**39-18-02A - MAINTENANCE OF TRAFFIC (Ref. Nos. 195-236)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
195	202	IMPACT ATTENUATOR REMOVED AND RESET	2	EACH	\$1,785.00	\$3,570.00
196	202	GUARDRAIL REMOVED, AS PER PLAN	575	FT	\$1.60	\$920.00
197	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)	45	EACH	\$1,785.00	\$80,325.00
198	614	REPLACEMENT SIGN	20	EACH	\$125.00	\$2,500.00
199	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2	EACH	\$30,000.00	\$60,000.00
200	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	300	CY	\$120.00	\$36,000.00
201	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	2800	DAY	\$30.00	\$84,000.00
202	614	WORK ZONE LANE LINE, CLASS I, 642 PAINT (4" WHITE)	12.54	MILE	\$515.00	\$6,458.10
203	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" WHITE)	52.79	MILE	\$710.00	\$37,480.90
204	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" YELLOW)	44.69	MILE	\$740.00	\$33,070.60
205	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" WHITE)	3.1	MILE	\$845.00	\$2,619.50
206	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" YELLOW)	20.52	MILE	\$845.00	\$17,339.40

207	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" WHITE)	62360	FT	\$0.55		\$34,298.00
208	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" YELLOW)	16935	FT	\$0.55		\$9,314.25
209	614	WORK ZONE DOTTED LINE, CLASS I, 642 PAINT (4" WHITE)	18074	FT	\$0.50		\$9,037.00
210	SP 614	ZONE PERSON	20000	HOUR	\$60.00	\$1,200,000.00	
211	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.55	MILE	\$4,015.00		\$6,223.25
212	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	2.13	MILE	\$6,072.00		\$12,933.36
213	SP 614B	WORK ZONE WHITE EDGE LINE, 6 INCH	0.52	MILE	\$7,495.00		\$3,897.40
214	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	2.57	MILE	\$6,072.00		\$15,605.04
215	SP 614B	WORK ZONE YELLOW EDGE LINE, 6 INCH	0.92	MILE	\$7,495.00		\$6,895.40
216	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	1485	FT	\$1.70		\$2,524.50
217	SP 614B	WORK ZONE DOTTED LINE, 4 INCH	425	FT	\$2.40		\$1,020.00
218	SP 614C	REMOVAL OF PAVEMENT MARKING	226.13	MILE	\$1,500.00		\$339,195.00
219	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	617	SY	\$90.00		\$55,530.00
220	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE I, AS PER PLAN	2592	SY	\$48.00		\$124,416.00
221	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE II, AS PER PLAN	1386	SY	\$85.00		\$117,810.00
222	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE III, AS PER PLAN	6425	SY	\$85.00		\$546,125.00
223	616	WATER	2000	M GAL	\$50.00		\$100,000.00
224	SP 621	RAISED PAVEMENT MARKER-STIMSONITE MODEL 101 LPCR	50	EACH	\$23.50		\$1,175.00
225	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	50	EACH	\$9.00		\$450.00
226	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING-STIMSONITE MODEL 101 LPCR	50	EACH	\$23.50		\$1,175.00
227	SP 622	32" PORTABLE BARRIER (WITH GLARE SCREEN)	1	LUMP	\$1,350,000.00	\$1,350,000.00	
228	SP 622	32" PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1	LUMP	\$1,100,000.00	\$1,100,000.00	
229	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	50	EACH	\$5.50		\$275.00
230	SP 626	BARRIER REFLECTOR, TYPE B	525	EACH	\$4.35		\$2,283.75
231	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	6990	EACH	\$6.50		\$45,435.00

232	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	2760	EACH	\$6.50		\$17,940.00
233	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	500	SF	\$14.50		\$7,250.00
234	SPECIAL	"SNAP" MILL AND FILL	32500	FT	\$5.25		\$170,625.00
235	SPECIAL	EXISTING CROSSOVER TO BE CLOSED / RE-OPENED	11	LUMP	\$2,150.00		\$23,650.00
236	SPECIAL	SPEED MEASUREMENT MARKING, AS PER PLAN	10	EACH	\$30.00		\$300.00
						<b>Total:</b>	\$5,669,666.45

**39-18-02A - LIGHTING (Ref. Nos. 237-260)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
237	625	CONNECTION, UNFUSED, PERMANENT	30	EACH	\$100.00	\$3,000.00
238	625	CONNECTION, FUSED, PULL APART	44	EACH	\$100.00	\$4,400.00
239	625	PULL BOX 725.08, 24"	6	EACH	\$900.00	\$5,400.00
240	625	DISCONNECT CIRCUIT	8	EACH	\$250.00	\$2,000.00
241	625	GROUND ROD	22	EACH	\$200.00	\$4,400.00
242	625	TRENCH, 24" DEEP	2619	FT	\$6.00	\$15,714.00
243	625	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG, 5000 VOLT CABLES	1007	FT	\$5.50	\$5,538.50
244	625	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	9216	FT	\$1.75	\$16,128.00
245	625	NO. 10 AWG GROUND CONDUCTOR	3945	FT	\$1.25	\$4,931.25
246	625	POLE AND BRACKET CABLE, NO. 10 AWG, 600 VOLT	1800	FT	\$1.25	\$2,250.00
247	625	1-1/2" CONDUIT	3357	FT	\$3.00	\$10,071.00
248	625	LUMINAIRE SUPPORT FOUNDATION REMOVAL	18	EACH	\$250.00	\$4,500.00
249	625	LUMINAIRE SUPPORT 'TYPE-A' REMOVAL, AS PER PLAN	18	EACH	\$500.00	\$9,000.00
250	625	LUMINAIRE SUPPORT 'TYPE-B' REMOVAL, AS PER PLAN	4	EACH	\$750.00	\$3,000.00
251	625	LUMINAIRE SUPPORT 'TYPE-A', AS PER PLAN	4	EACH	\$3,000.00	\$12,000.00
252	625	LUMINAIRE SUPPORT 'TYPE-A' INSTALLATION ONLY, AS PER PLAN	18	EACH	\$500.00	\$9,000.00

253	625	LUMINAIRE SUPPORT 'TYPE-B' INSTALLATION ONLY, AS PER PLAN	4	EACH	\$750.00	\$3,000.00
254	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 6' DEEP, AS PER PLAN	17	EACH	\$1,500.00	\$25,500.00
255	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 8' DEEP, AS PER PLAN	4	EACH	\$1,600.00	\$6,400.00
256	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE-A' LED, AS PER PLAN	4	EACH	\$875.00	\$3,500.00
257	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE-A' LED RETROFIT, AS PER PLAN	53	EACH	\$875.00	\$46,375.00
258	625	LIGHTING MISC.: LUMINAIRE LOW MAST 'TYPE-B' LED RETROFIT, AS PER PLAN	11	EACH	\$1,400.00	\$15,400.00
259	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$10,000.00	\$10,000.00
260	SPECIAL	PLASTIC CAUTION TAPE	2619	FT	\$0.25	\$654.75
<b>Total:</b>						\$222,162.50

### 39-18-02A - TRAFFIC CONTROL (Ref. Nos. 261-299)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
261	620	REMOVAL OF DELINEATOR	150	EACH	\$5.00	\$750.00
262	620	DELINEATOR, POST MOUNTED, AS PER PLAN (GROUND MOUNTED)	169	EACH	\$30.00	\$5,070.00
263	620	DELINEATOR, POST MOUNTED, AS PER PLAN (SURFACE MOUNTED)	10	EACH	\$50.00	\$500.00
264	621	RAISED PAVEMENT MARKER REMOVED	1190	EACH	\$5.65	\$6,723.50
265	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	2602	EACH	\$9.00	\$23,418.00
266	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	2646	EACH	\$20.50	\$54,243.00
267	625	GROUND ROD	6	EACH	\$250.00	\$1,500.00
268	SP 626	BARRIER REFLECTOR, TYPE B	400	EACH	\$6.50	\$2,600.00
269	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	278	FT	\$21.00	\$5,838.00

270	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	40	FT	\$38.00	\$1,520.00
271	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12x30	58	FT	\$49.00	\$2,842.00
272	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	18	EACH	\$765.00	\$13,770.00
273	630	BREAKAWAY STRUCTURAL BEAM CONNECTION	6	EACH	\$380.00	\$2,280.00
274	630	SIGN, SINGLE FACED, MILE MARKER, AS PER PLAN	18	EACH	\$45.00	\$810.00
275	630	SIGN ERECTED, FLAT SHEET, AS PER PLAN	320	EACH	\$55.00	\$17,600.00
276	630	SIGN ERECTED, EXTRUSHEET, AS PER PLAN	57	EACH	\$520.00	\$29,640.00
277	630	SIGN ATTACHMENT ASSEMBLY	56	EACH	\$485.00	\$27,160.00
278	630	SIGN BACKING ASSEMBLY	8	EACH	\$145.00	\$1,160.00
279	630	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	6	EACH	\$3,875.00	\$23,250.00
280	630	OVERHEAD SIGN SUPPORT, TYPE 12.30, DESIGN 10	6	EACH	\$17,450.00	\$104,700.00
281	630	SIGN POST REFLECTOR	198	EACH	\$35.00	\$6,930.00
282	630	TENTH MILEPOST SIGN ERECTED, AS PER PLAN	132	EACH	\$65.00	\$8,580.00
283	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	295	EACH	\$10.00	\$2,950.00
284	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	276	EACH	\$15.00	\$4,140.00
285	630	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	21	EACH	\$195.00	\$4,095.00
286	630	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	6	EACH	\$285.00	\$1,710.00
287	630	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	12	EACH	\$270.00	\$3,240.00
288	630	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	6	EACH	\$1,475.00	\$8,850.00
289	630	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	35	EACH	\$280.00	\$9,800.00
290	630	SIGNING MISC.: MILEPOST AND TENTH MILEPOST SIGNS REMOVED	150	EACH	\$10.00	\$1,500.00
291	630	SIGNING MISC.: REMOVE SIGN FLASHERS	2	EACH	\$385.00	\$770.00



292	630	SIGNING MISC.: REMOVE FOR REUSE SIGN FLASHER CONTROLLER	2	EACH	\$150.00	\$300.00
293	630	SIGNING MISC.: INSTALL SIGN FLASHERS AND FLASHER CONTROLLER	2	EACH	\$3,500.00	\$7,000.00
294	631	SIGN LIGHTING MISC.: REMOVE SIGN LIGHTING AND SIGN SERVICE	18	EACH	\$500.00	\$9,000.00
295	642	EDGE LINE, 6", TYPE 1	145.69	MILE	\$525.00	\$76,487.25
296	642	LANE LINE, 6", TYPE 1	140	MILE	\$285.00	\$39,900.00
297	642	DOTTED LINE, 6", TYPE 1	19290	FT	\$0.60	\$11,574.00
298	642	CHANNELIZING LINE, 12", TYPE 1	31080	FT	\$0.60	\$18,648.00
299	SPECIAL	SPEED MEASUREMENT MARKING	20	EACH	\$22.00	\$440.00
<b>Total:</b>						\$541,288.75

### 39-18-02A - BRIDGE MAINTENANCE (Ref. Nos. 300-311)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
300	SP 202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1	LUMP	\$45,000.00	\$45,000.00
301	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	4350	POUND	\$2.00	\$8,700.00
302	SP 511B	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	22	CY	\$2,500.00	\$55,000.00
303	516	1" PREFORMED EXPANSION JOINT FILLER	242	FT	\$6.00	\$1,452.00
304	SP 516A	CRACK REPAIR USING EPOXY INJECTION	304	FT	\$55.00	\$16,720.00
305	SP 516B	SEALING OF CONSTRUCTION JOINTS	4415	FT	\$6.00	\$26,490.00
306	SP 519	PATCHING CONCRETE STRUCTURES	2782	SF	\$90.00	\$250,380.00
307	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURE	1	LUMP	\$5,000.00	\$5,000.00
308	SP 533D	CONTINUOUS ELASTOMER SEAL IN A PORTLAND CEMENT CONCRETE JOINT	69	FT	\$485.00	\$33,465.00
309	SP 533G	REPLACEMENT OF STRIP SEAL WITH CONTINUOUS ELASTOMER SEAL	215	FT	\$145.00	\$31,175.00

310	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	2058	SY	\$9.00	\$18,522.00
311	SP 536	CONCRETE WEATHERPROOFING, DECK, AND APPROACH SLABS	6081	SY	\$9.00	\$54,729.00
<b>Total:</b>						\$546,633.00

**39-18-02A - MSE WALL REPAIR (Ref. Nos. 312-315)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
312	SP 536	CONCRETE WEATHERPROOFING (PARAPET)	6246	SY	\$9.00	\$56,214.00
313	SP 536	CONCRETE WEATHERPROOFING (MSE PANEL)	57	SY	\$40.00	\$2,280.00
314		SPECIAL PORTIONS OF STRUCTURE REPAIRED (PARAPET)	25	SF	\$300.00	\$7,500.00
315		SPECIAL PORTIONS OF STRUCTURE REPAIRED (MSE PANEL)	153	SF	\$659.00	\$100,827.00
<b>Total:</b>						\$166,821.00

**39-18-02A - GENERAL (Ref. Nos. 316-317)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
316	SP 614	MAINTAINING TRAFFIC	1	LUMP	\$3,000,000.00	\$3,000,000.00
317	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$500,000.00	\$500,000.00
<b>Total:</b>						\$3,500,000.00

**39-18-02B - ROADWAY (Ref. Nos. 318 - 355)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
318	202	PAVEMENT REMOVED, AS PER PLAN	23197	SY	\$8.50	\$197,174.50
319	202	GUARDRAIL REMOVED, AS PER PLAN	11998	FT	\$1.60	\$19,196.80
320	202	GUARDRAIL REMOVED AND RESET, BARRIER DESIGN, AS PER PLAN	550	FT	\$14.60	\$8,030.00
321	202	CONCRETE MEDIAN REMOVED	759	SY	\$9.00	\$6,831.00
322	202	CONCRETE BARRIER REMOVED	260	FT	\$10.00	\$2,600.00
323	203	EXCAVATION	5086	CY	\$30.00	\$152,580.00

324	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$8.00	\$14,400.00
325	204	EXCAVATION	178	CY	\$35.00	\$6,230.00
326	204	EXCAVATION OF SUBGRADE	2400	CY	\$25.00	\$60,000.00
327	204	EMBANKMENT	2400	CY	\$25.00	\$60,000.00
328	204	TYPE D GEOTEXTILE, 712.09	227	SY	\$2.66	\$603.82
329	204	SUBGRADE COMPACTION	3827	SY	\$3.00	\$11,481.00
330	206	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	27000	SY	\$1.74	\$46,980.00
331	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$1.74	\$20,880.00
332	206	CEMENT	1260	TON	\$142.00	\$178,920.00
333	206	CURING COAT, AS PER PLAN	2100	GAL	\$4.35	\$9,135.00
334	206	TEST ROLLING	40	HOUR	\$95.00	\$3,800.00
335	209	DITCH CLEANOUT	500	FT	\$5.00	\$2,500.00
336	209	LINEAR GRADING, AS PER PLAN	8400	FT	\$2.00	\$16,800.00
337	SP 304	GRANULAR MATERIAL	360	TON	\$20.00	\$7,200.00
338	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	10638	FT	\$18.80	\$199,994.40
339	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	225	FT	\$29.20	\$6,570.00
340	606	ANCHOR ASSEMBLY, MGS TYPE T	18	EACH	\$795.00	\$14,310.00
341	606	ANCHOR ASSEMBLY, BARRIER DESIGN, MGS TYPE A	1	EACH	\$1,520.00	\$1,520.00
342	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	9	EACH	\$2,180.00	\$19,620.00
343	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	7	EACH	\$420.00	\$2,940.00
344	606	GUARDRAIL REBUILT	25	FT	\$12.80	\$320.00
345	SP 606A	ANCHOR ASSEMBLY, TYPE E (ET-31)	17	EACH	\$2,340.00	\$39,780.00
346	609	CURB, TYPE 4-C	163	FT	\$34.75	\$5,664.25
347	609	CURB, TYPE 6	1423	FT	\$20.50	\$29,171.50
348	609	CONCRETE MEDIAN	765	SY	\$45.00	\$34,425.00
349	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	229	FT	\$220.00	\$50,380.00
350	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	1	EACH	\$3,715.00	\$3,715.00
351	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	1	EACH	\$3,565.00	\$3,565.00
352	623	MONUMENT BOX RECONSTRUCTED TO GRADE	42	EACH	\$385.00	\$16,170.00

353	623	MONUMENT ASSEMBLY REMOVED AND RESET	3	EACH	\$435.00	\$1,305.00
354	SP 626	BARRIER REFLECTOR, TYPE A	133	EACH	\$6.60	\$877.80
355	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$3.50	\$794.50
<b>Total:</b>						\$1,256,464.57

**39-18-02B - EROSION CONTROL (Ref. Nos. 356-368)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
356	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	10	CY	\$300.00	\$3,000.00
357	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	10	CY	\$300.00	\$3,000.00
358	601	TIED CONCRETE BLOCK MAT, TYPE 1	29	SY	\$135.00	\$3,915.00
359	659	SOIL ANALYSIS TEST	2	EACH	\$50.00	\$100.00
360	659	TOPSOIL	1250	CY	\$9.75	\$12,187.50
361	659	SEEDING AND MULCHING	11200	SY	\$0.64	\$7,168.00
362	659	REPAIR SEEDING AND MULCHING	560	SY	\$1.00	\$560.00
363	659	INTER-SEEDING	560	SY	\$0.10	\$56.00
364	659	COMMERCIAL FERTILIZER	1.52	TON	\$650.00	\$988.00
365	659	LIME	2.4	ACRE	\$10.00	\$24.00
366	659	WATER	70	M GAL	\$1.00	\$70.00
367	832	PERIMETER FILTER FABRIC FENCE	8000	FT	\$2.00	\$16,000.00
368	832	FILTER FABRIC DITCH CHECK	500	FT	\$15.00	\$7,500.00
<b>Total:</b>						\$54,568.50

**39-18-02B - DRAINAGE (Ref. Nos. 369-381)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
369	605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	50	FT	\$12.00	\$600.00
370	605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	50	FT	\$12.00	\$600.00
371	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	15600	FT	\$10.65	\$166,140.00

372	SP 611	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	13	EACH	\$1,300.00	\$16,900.00
373	SP 611	INLET RECONSTRUCTED TO GRADE, AS PER PLAN	6	EACH	\$3,200.00	\$19,200.00
374	SP 611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	5	EACH	\$1,250.00	\$6,250.00
375	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4"-12", AS PER PLAN	16	EACH	\$1,475.00	\$23,600.00
376	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	4	EACH	\$1,700.00	\$6,800.00
377	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$475.00	\$2,375.00
378	SP 605	6" UNDERDRAIN OUTLET PIPE	684	FT	\$20.00	\$13,680.00
379	NOT USED	NOT USED	0	OT USE	\$1.00	\$0.00
380	SP 611	PRECAST REINFORCED CONCRETE OUTLET	16	EACH	\$225.00	\$3,600.00
381	SPECIAL	CATCH BASIN CLEANED	2	EACH	\$500.00	\$1,000.00
<b>Total:</b>						\$260,745.00

### 39-18-02B - PAVEMENT (Ref. Nos. 382-401)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
382	252	FULL DEPTH PAVEMENT SAWING	422	FT	\$3.00	\$1,266.00
383	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	14420	SY	\$3.00	\$43,260.00
384	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")	6131	SY	\$4.50	\$27,589.50
385	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1")	37645	SY	\$3.00	\$112,935.00
386	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (DEPTH VARIES)	1500	SY	\$4.00	\$6,000.00
387	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN	1440	SY	\$4.50	\$6,480.00
388	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING CLASS QC MS CONCRETE)	6365	SY	\$96.00	\$611,040.00
388A	255	FULL DEPTH PAVEMENT JOINT REPAIR (USING CLASS QC MS CONCRETE)	1150	SY	\$120.00	\$138,000.00

389	255	FULL DEPTH PAVEMENT SAWING	15250	FT	\$2.00	\$30,500.00
390	SP 302	ASPHALT CONCRETE BASE, PG 64-22	5279	CY	\$98.65	\$520,773.35
391	SP 304	AGGREGATE BASE	4535	CY	\$51.25	\$232,418.75
392	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 76-22 (FR)	3890	CY	\$135.00	\$525,150.00
393	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG 76-22	888	CY	\$200.00	\$177,600.00
394	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR)	3415	CY	\$180.00	\$614,700.00
395	407	NON-TRACKING TACK COAT	14520	GAL	\$2.50	\$36,300.00
396	423	CRACK SEALING, TYPE IV	31000	FT	\$1.50	\$46,500.00
397	617	SHOULDER PREPARATION	14325	SY	\$0.50	\$7,162.50
398	617	WATER	45	M GAL	\$10.00	\$450.00
399	SP 617	COMPACTED AGGREGATE	1915	CY	\$45.00	\$86,175.00
400	SP 627	STONE SHOULDER PROTECTION	756	CY	\$65.00	\$49,140.00
401	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	26000	FT	\$5.85	\$152,100.00

**Total:** \$3,425,540.10

### 39-18-02B - LIGHTING (Ref. No. 402)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
402	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$15,000.00	\$15,000.00
<b>Total:</b>						\$15,000.00

### 39-18-02B - TRAFFIC CONTROL (Ref. Nos. 403-408)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
403	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	350	EACH	\$20.50	\$7,175.00
404	642	EDGE LINE, 6", TYPE 1	9	MILE	\$675.00	\$6,075.00
405	642	LANE LINE, 6", TYPE 1	0.5	MILE	\$630.00	\$315.00
406	642	CHANNELIZING LINE, 12", TYPE 1	2500	FT	\$0.80	\$2,000.00

407	642	LANE ARROW, TYPE 1	9	EACH	\$55.00	\$495.00
408	642	WORD ON PAVEMENT, 72", TYPE 1	3	EACH	\$65.00	\$195.00
<b>Total:</b>						\$16,255.00

**39-18-02B - BRIDGE MAINTENANCE (Ref. Nos. 409-415)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
409	202	APPROACH SLAB REMOVED, AS PER PLAN	440	SY	\$75.00	\$33,000.00
410	511	CONCRETE, MISC.: REPAIR OF RAISED MEDIAN	100	FT	\$180.00	\$18,000.00
411	516B	SEALING OF CONCRETE CONSTRUCTION JOINTS	4860	FT	\$6.00	\$29,160.00
412	526	REINFORCED CONCRETE APPROACH SLAB (T=15"), AS PER PLAN	440	SY	\$295.00	\$129,800.00
413	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	3375	SY	\$9.00	\$30,375.00
414	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	990	SY	\$10.00	\$9,900.00
415	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	18	SY	\$450.00	\$8,100.00
<b>Total:</b>						\$258,335.00

**39-18-02B - MAINTENANCE OF TRAFFIC (Ref. No. 416 - 425)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
416	614	ASPHALT CONCRETE FOR MAINTAINING PAVEMENT	100	CY	\$120.00	\$12,000.00
417	614	WORK ZONE IMPACT ATTENUATOR FOR 24" HAZARD (UNIDIRECTIONAL)	2	EACH	\$1,800.00	\$3,600.00
418	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	13.5	MILE	\$6,072.00	\$81,972.00
419	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	13.5	MILE	\$6,072.00	\$81,972.00
420	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	7500	FT	\$1.70	\$12,750.00
421	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.5	MILE	\$4,015.00	\$6,022.50
422	SP 614C	REMOVAL OF PAVEMENT MARKING	9	MILE	\$1,208.00	\$10,872.00
423	621	RAISED PAVEMENT MARKER REMOVED	350	EACH	\$5.00	\$1,750.00

424	NOT USED	NOT USED	0	NOT USED	\$1.00	\$0.00
425	SP 622	PARTABLE BARRIER, 32" (WITHOUT GLARE SCREEN)	1	LUMP	\$9,500.00	\$9,500.00
<b>Total:</b>						\$220,438.50

**39-18-02B - GENERAL (Ref. Nos. 426-427)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
426	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$50,000.00	\$50,000.00
427	SP 614	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP	\$1,100,000.00	\$1,100,000.00
<b>Total:</b>						\$1,150,000.00

**39-18-02 - GENERAL (Ref. Nos. 428-430)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
428	IB,ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND PAYMENT BOND	1	LUMP	\$275,000.00	\$275,000.00
429	SP 619	FIELD OFFICE	1	LUMP	\$175,000.00	\$175,000.00
430	624	MOBILIZATION	1	LUMP	\$1,700,000.00	\$1,700,000.00
<b>Total:</b>						\$2,150,000.00
<b>TOTAL BID AMOUNT (ITEMS 1 THRU 430)</b>						<b>\$59,564,798.94</b>

**WASTE SITE DEDUCT ALTERNATE**

Yes  
\$750,000.00

**TEMPORARY ACCESS DEDUCT ALTERNATE**

Yes  
\$10,000.00



**SHELLY & SANDS, INC.****39-18-02A - ROADWAY (Ref. Nos. 1 - 74)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
1	201	CLEARING AND GRUBBING, AS PER PLAN	1	LUMP	\$150,000.00	\$150,000.00
2	201	TREE REMOVED, 18" SIZE	658	EACH	\$425.00	\$279,650.00
3	201	TREE REMOVED, 30" SIZE	119	EACH	\$900.00	\$107,100.00
4	201	TREE REMOVED, 48" SIZE	30	EACH	\$1,600.00	\$48,000.00
5	SPECIAL	FENCELINE CLEARING AND GRUBBING	65109	FT	\$1.75	\$113,940.75
6	202	HEADWALL REMOVED	12	EACH	\$200.00	\$2,400.00
7	202	HEADWALL REMOVED, AS PER PLAN	1	EACH	\$1,500.00	\$1,500.00
8	202	PIPE REMOVED, 24" AND UNDER	636	FT	\$10.00	\$6,360.00
9	202	PIPE REMOVED, OVER 24"	191	FT	\$15.00	\$2,865.00
10	202	CATCH BASIN OR INLET REMOVED	5	EACH	\$225.00	\$1,125.00
11	202	FENCE REMOVED	65109	FT	\$1.50	\$97,663.50
12	202	GUARDRAIL REMOVED, AS PER PLAN	45451	FT	\$1.65	\$74,994.15
13	202	APPROACH SLAB REMOVED, TYPE 1, AS PER PLAN	334	SY	\$50.00	\$16,700.00
14	202	APPROACH SLAB REMOVED, TYPE 2, AS PER PLAN	1014	SY	\$50.00	\$50,700.00
15	202	APPROACH SLAB REMOVED, TYPE 3, AS PER PLAN	330	SY	\$50.00	\$16,500.00
16	202	APPROACH SLAB REMOVED, TYPE 4, AS PER PLAN	338	SY	\$50.00	\$16,900.00
17	202	CONCRETE BARRIER REMOVED	701	FT	\$12.00	\$8,412.00
18	202	PAVEMENT REMOVED, AS PER PLAN	284189	SY	\$10.00	\$2,841,890.00
19	202	GUTTER REMOVED	31	FT	\$10.00	\$310.00
20	202	STRUCTURE REMOVED, AS PER PLAN	1	EACH	\$25,000.00	\$25,000.00
21	202	PORTIONS OF STRUCTURES REMOVED, AS PER PLAN	20	CY	\$30.00	\$600.00
22	202	REMOVAL MISC.: SIGN FOUNDATION REMOVED	5	EACH	\$500.00	\$2,500.00
23	202	REMOVAL MISC.: MONITORING WELL ABANDONED	18	EACH	\$400.00	\$7,200.00
24	203	EXCAVATION FOR SLOPE EROSION PROTECTION	2879	CY	\$8.00	\$23,032.00
25	203	EXCAVATION	78356	CY	\$25.00	\$1,958,900.00
26	203	EMBANKMENT	29009	CY	\$6.00	\$174,054.00
27	203	GRANULAR EMBANKMENT	110	CY	\$75.00	\$8,250.00

28	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$30.00	\$54,000.00
29	203	EXCAVATION OF SLAG, AS PER PLAN	24000	CY	\$30.00	\$720,000.00
30	203	DISPOSAL OF SLAG, AS PER PLAN	24000	CY	\$1.50	\$36,000.00
31	204	EXCAVATION	178	CY	\$10.00	\$1,780.00
32	204	GEOTEXTILE FABRIC, 712.09, TYPE D	227	SY	\$1.75	\$397.25
33	204	SUBGRADE COMPACTION	2297	SY	\$5.00	\$11,485.00
34	SPECIAL	SCOUR HOLE REMEDIATION USING GRANULAR MATERIAL	1	LUMP	\$7,500.00	\$7,500.00
35	206	CEMENT STABILIZED SUBGRADE, 14 INCHES DEEP, AS PER PLAN	319232	SY	\$2.75	\$877,888.00
36	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$5.00	\$60,000.00
37	206	CEMENT	14010	TON	\$155.00	\$2,171,550.00
38	206	CURING COAT, AS PER PLAN	19630	GAL	\$4.00	\$78,520.00
39	206	TEST ROLLING	180	HOUR	\$100.00	\$18,000.00
40	209	LINER GRADING, AS PER PLAN	65578	FT	\$1.00	\$65,578.00
41	209	DITCH CLEANOUT	10760	FT	\$2.50	\$26,900.00
42	SPECIAL	CHANNEL CLEANOUT	727	SY	\$10.00	\$7,270.00
43	SPECIAL	CONCRETE CHANNEL CLEANOUT	5750	FT	\$2.00	\$11,500.00
44	SP 304	GRANULAR MATERIAL	360	TON	\$30.00	\$10,800.00
45	503	COFFERDAMS AND EXCAVATION BRACING, AS PER PLAN	1	LUMP	\$500,000.00	\$500,000.00
46	SP 516A	CRACK REPAIR USING INJECTION	14	FT	\$100.00	\$1,400.00
47	518	POROUS BACKFILL WITH GEOTEXTILE FABRIC	400	CY	\$75.00	\$30,000.00
48	SP 519	PATCHING CONCRETE STRUCTURES	96	SF	\$155.00	\$14,880.00
49	526	REINFORCED CONCRETE APPROACH SLABS (T=15"), AS PER PLAN	2020	SY	\$270.00	\$545,400.00
50	526	TYPE A INSTALLATION, AS PER PLAN	280	FT	\$165.00	\$46,200.00
51	602	CONCRETE MASONRY, AS PER PLAN	2	CY	\$1,500.00	\$3,000.00
52	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	43203	FT	\$20.00	\$864,060.00
53	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	2000	FT	\$28.00	\$56,000.00
54	606	ANCHOR ASSEMBLY, MGS TYPE T, USING LONG STEEL POSTS	27	EACH	\$900.00	\$24,300.00

55	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, USING LONG STEEL POSTS	27	EACH	\$2,500.00	\$67,500.00
56	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1, BARRIER DESIGN, USING LONG STEEL POSTS	1	EACH	\$3,600.00	\$3,600.00
57	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	13	EACH	\$500.00	\$6,500.00
58	606	GUARDRAIL REBUILT	50	FT	\$13.00	\$650.00
59	606	FLARED END SECTION	8	EACH	\$55.00	\$440.00
60	SP 606A	ANCHOR ASSEMBLY, MGS TYPE E	49	EACH	\$2,400.00	\$117,600.00
61	SP 606B	IMPACT ATTENUATOR, TYPE 1 (UNIDIRECTIONAL)	2	EACH	\$4,500.00	\$9,000.00
62	607	FENCE, TYPE 47, AS PER PLAN	65109	FT	\$6.25	\$406,931.25
63	609	ASPHALT CONCRETE CURB, TYPE 1, PG64-22	1612	FT	\$15.00	\$24,180.00
64	609	CURB, TYPE 4-C	485	FT	\$25.00	\$12,125.00
65	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	526	FT	\$175.00	\$92,050.00
66	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	2	EACH	\$3,500.00	\$7,000.00
67	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	18	EACH	\$3,500.00	\$63,000.00
68	622	CONCRETE BARRIER, TYPE B-50, AS PER PLAN	487	FT	\$100.00	\$48,700.00
69	622	PORTABLE CONCRETE BARRIER, 32", AS PER PLAN	152	FT	\$30.00	\$4,560.00
70	623	MONUMENT BOX RECONSTRUCTED TO GRADE	10	EACH	\$800.00	\$8,000.00
71	623	MONUMENT ASSEMBLY REMOVED AND RESET	2	EACH	\$1,000.00	\$2,000.00
72	SP 626	BARRIER REFLECTOR, TYPE A	522	EACH	\$6.75	\$3,523.50
73	SP 626	BARRIER REFLECTOR, TYPE B	45	EACH	\$6.75	\$303.75
74	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$2.00	\$454.00

**Total:** \$13,159,072.15

**39-18-02A - EROSION CONTROL (Ref. Nos. 75-102)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
75	SP 113	SWPPP MANAGEMENT	1	LUMP	\$50,000.00	\$50,000.00
76	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	304	CY	\$65.00	\$19,760.00
77	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	1048	CY	\$80.00	\$83,840.00
78	601	PAVED GUTTER, TYPE 1-2	18	FT	\$80.00	\$1,440.00
79	601	TIED CONCRETE BLOCK MAT, TYPE 1	241	SY	\$75.00	\$18,075.00
80	659	SOIL ANALYSIS TEST	14	EACH	\$50.00	\$700.00
81	659	TOPSOIL	12752	CY	\$10.00	\$127,520.00
82	659	TOPSOIL FURNISHED AND PLACED	3304	CY	\$25.00	\$82,600.00
83	659	SEEDING AND MULCHING	106400	SY	\$0.95	\$101,080.00
84	659	SEEDING AND MULCHING, CLASS 3A	29766	SY	\$0.85	\$25,301.10
85	SPECIAL	FENCELINE SEEDING AND MULCHING	65109	FT	\$0.40	\$26,043.60
86	659	REPAIR SEEDING AND MULCHING	5320	SY	\$0.40	\$2,128.00
87	659	INTER-SEEDING	5320	SY	\$0.10	\$532.00
88	659	COMMERCIAL FERTILIZER	14.36	TON	\$650.00	\$9,334.00
89	659	LIME	22	ACRE	\$100.00	\$2,200.00
90	659	WATER	634	M GAL	\$1.00	\$634.00
91	659	MOWING, AS PER PLAN	51	MILE	\$1,900.00	\$96,900.00
92	671	EROSION CONTROL MAT, TYPE B	41251	SY	\$2.40	\$99,002.40
93	832	EROSION CONTROL	1	LUMP	\$2,500.00	\$2,500.00
94	832	INLET PROTECTION	1028	FT	\$10.00	\$10,280.00
95	832	SLOPE DRAIN	200	FT	\$15.00	\$3,000.00
96	832	CONSTRUCTION SEEDING AND MULCHING	112780	SY	\$0.65	\$73,307.00
97	832	WINTER SEEDING AND MULCHING	25000	SY	\$0.60	\$15,000.00
98	832	PERIMETER FILTER FABRIC FENCE	15000	FT	\$0.65	\$9,750.00
99	832	FILTER FABRIC DITCH CHECK	3870	FT	\$9.00	\$34,830.00
100	832	CONSTRUCTION ENTRANCE	500	CY	\$75.00	\$37,500.00
101	832	ROCK CHANNEL PROTECTION, TYPE C OR D, WITH FILTER	250	CY	\$75.00	\$18,750.00
102	832	MISCELLANEOUS SEDIMENT REMOVAL	5000	CY	\$10.00	\$50,000.00
<b>Total:</b>						<b>\$1,002,007.10</b>

**39-18-02A - DRAINAGE (Ref. Nos. 103-161)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
103	518	6" PERFORATED CORRUGATED PLASTIC PIPE	310	FT	\$25.00	\$7,750.00
104	518	6" NON-PERFORATED CORRUGATED PLASTIC PIPE	20	FT	\$35.00	\$700.00
105	SP 605	TRENCH DRAIN, AS PER PLAN	40	CY	\$100.00	\$4,000.00
106	SP 605	6" BASE PIPE UNDERDRAIN, WITH FABRIC WRAP (18")	65378	FT	\$11.00	\$719,158.00
107	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (24")	65256	FT	\$11.00	\$717,816.00
108	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30")	49826	FT	\$13.00	\$647,738.00
109	SP 605	6" UNDERDRAIN OUTLET PIPE	6029	FT	\$20.00	\$120,580.00
110	SP 605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	200	FT	\$15.00	\$3,000.00
111	SP 605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	200	FT	\$15.00	\$3,000.00
112	SP 605	UNDERDRAIN ROCK EXCAVATION	250	CY	\$100.00	\$25,000.00
113	SP 611	12" CONDUIT, TYPE B, 706.02	25	FT	\$60.00	\$1,500.00
114	SP 611	12" CONDUIT, TYPE F, 707.33	386	FT	\$50.00	\$19,300.00
115	SP 611	15" CONDUIT, TYPE B, 706.02	298	FT	\$70.00	\$20,860.00
116	SP 611	18" CONDUIT, TYPE A, 706.02	37	FT	\$80.00	\$2,960.00
117	SP 611	18" CONDUIT, TYPE B, 706.02	245	FT	\$80.00	\$19,600.00
118	SP 611	24" CONDUIT, TYPE B, 706.02	20	FT	\$90.00	\$1,800.00
119	SP 611	30" CONDUIT, TYPE A, 706.02	20	FT	\$135.00	\$2,700.00
120	SP 611	30" CONDUIT, TYPE A, 707.33	125	FT	\$120.00	\$15,000.00
121	SP 611	36" CONDUIT, TYPE A, 706.02	4	FT	\$350.00	\$1,400.00
122	SP 611	36" CONDUIT, TYPE A, 707.33	24	FT	\$175.00	\$4,200.00
123	SP 611	36" CONDUIT, TYPE B, 706.02	648	FT	\$125.00	\$81,000.00
124	SP 611	54" CONDUIT, TYPE A, 706.02	8	FT	\$300.00	\$2,400.00
125	SP 611	72" CONDUIT, TYPE A, 706.02	14	FT	\$550.00	\$7,700.00
126	SP 611	CONDUIT, TYPE A, STRUCTURAL PLATE CORRUGATED STEEL PIPE ARCH, 707.03, 64" (SPAN) X 43" (RISE)	8	FT	\$450.00	\$3,600.00
127	SP 611	CONDUIT MISC.: CURED-IN-PLACE PIPE LINER, 30"	899	FT	\$140.00	\$125,860.00

128	SP 611	CONDUIT MISC.: INTERNAL VIDEO INSPECTION	2727	FT	\$7.50	\$20,452.50
129	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" OR LESS, AS PER PLAN	39	EACH	\$1,500.00	\$58,500.00
130	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4" TO 12", AS PER PLAN	37	EACH	\$1,800.00	\$66,600.00
131	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	10	EACH	\$2,200.00	\$22,000.00
132	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$550.00	\$2,750.00
133	SP 611	PRECAST REINFORCED CONCRETE OUTLET	134	EACH	\$175.00	\$23,450.00
134	SP 611	CATCH BASIN, NO. CB-1	5	EACH	\$2,500.00	\$12,500.00
135	SP 611	CATCH BASIN, NO. 2-2B	1	EACH	\$2,000.00	\$2,000.00
136	SP 611	CATCH BASIN, NO. 2-3	2	EACH	\$2,200.00	\$4,400.00
137	SP 611	CATCH BASIN, NO. 2-4, AS PER PLAN	4	EACH	\$2,500.00	\$10,000.00
138	SP 611	CATCH BASIN, NO. 4	1	EACH	\$4,000.00	\$4,000.00
139	SP 611	CATCH BASIN, NO. 6	3	EACH	\$2,800.00	\$8,400.00
140	SP 611	MANHOLE, NO. 3, WITH 120 INCH BASE I.D.	1	EACH	\$15,000.00	\$15,000.00
141	SP 611	MANHOLE RECONSTRUCTED TO GRADE	3	EACH	\$1,500.00	\$4,500.00
142	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 87" SPAN X 63" RISE ARCH	223	FT	\$650.00	\$144,950.00
143	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 64" SPAN X 43" RISE ARCH	8	FT	\$1,500.00	\$12,000.00
144	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 65" SPAN X 40" RISE ARCH	318	FT	\$340.00	\$108,120.00
145	833	CONDUIT RENEWAL USING SPRAY APPLIED STRUCTURAL LINER, 66" ROUND CONDUIT	537	FT	\$400.00	\$214,800.00
146	837	PIPE LINER, 60" ID, 707.42 OR SS938, AS PER PLAN	750	FT	\$375.00	\$281,250.00
147	837	BACKFILL FOR LINER PIPE	750	FT	\$55.00	\$41,250.00
148	SPECIAL	12" PRECAST CONCRETE END SECTION	5	EACH	\$1,300.00	\$6,500.00
149	SPECIAL	15" PRECAST CONCRETE END SECTION	2	EACH	\$1,500.00	\$3,000.00
150	SPECIAL	18" PRECAST CONCRETE END SECTION	8	EACH	\$1,500.00	\$12,000.00
151	SPECIAL	24" PRECAST CONCRETE END SECTION	1	EACH	\$1,800.00	\$1,800.00
152	SPECIAL	30" PRECAST CONCRETE END SECTION	5	EACH	\$2,000.00	\$10,000.00
153	SPECIAL	36" PRECAST CONCRETE END SECTION	1	EACH	\$2,500.00	\$2,500.00

154	SPECIAL 36" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$3,500.00	\$3,500.00
155	SPECIAL 54" PRECAST CONCRETE END SECTION	1	EACH	\$4,700.00	\$4,700.00
156	SPECIAL 72" PRECAST CONCRETE END SECTION, AS PER PLAN	1	EACH	\$3,500.00	\$3,500.00
157	SPECIAL CATCH BASIN CLEANED	56	EACH	\$125.00	\$7,000.00
158	SPECIAL PIPE CLEANOUT, 36" DIA AND UNDER	1831	FT	\$22.00	\$40,282.00
159	SPECIAL PIPE CLEANOUT, 50" DIA	130	FT	\$40.00	\$5,200.00
160	SPECIAL PIPE CLEANOUT, 60" DIA	208	FT	\$45.00	\$9,360.00
160A	SPECIAL PIPE CLEANOUT, 66" DIA	537	FT	\$45.00	\$24,165.00
160B	SPECIAL PIPE CLEANOUT, 72" DIA	750	FT	\$40.00	\$30,000.00
160C	SPECIAL PIPE CLEANOUT, 87" (SPAN) X 63" (RISE) ARCH	223	FT	\$45.00	\$10,035.00
161	SPECIAL PIPE CLEANOUT, 65" (SPAN) X 40" (RISE) ARCH	318	FT	\$45.00	\$14,310.00
				<b>Total:</b>	<b>\$3,803,396.50</b>

### 39-18-02A - PAVEMENT (Ref. Nos. 162-194)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
162	SP 202B	CRACK REPAIR, 1" OR LESS, USING SAND ASPHALT	20	CY	\$500.00	\$10,000.00
163	SP 202B	CRACK REPAIR, 1" OR LESS, USING HOT JOINT SEALER	3000	GAL	\$15.00	\$45,000.00
164	SP 202B	CRACK REPAIR, WIDER THAN 1" AND LESS THAN 1" IN DEPTH, USING ITEM SP 404 (PG 64-22)	20	CY	\$500.00	\$10,000.00
165	SP 202B	CRACK REPAIR, WIDER THAN 1" AND GREATER THAN 1" IN DEPTH, USING ITEM SP 402 (PG 64-22)	20	CY	\$500.00	\$10,000.00
166	SP 202B	3 CORNER CRACK REPAIR, USING ITEM SP 402 (PG 64-22)	20	CY	\$750.00	\$15,000.00

167	SP 202B	REPAIR EXISTING EXPANSION JOINT, USING ITEM SP 404 (PG 64-22)	20	CY	\$750.00	\$15,000.00
168	251	PARTIAL DEPTH PAVEMENT REPAIR	1000	SY	\$40.00	\$40,000.00
169	252	FULL DEPTH PAVEMENT SAWING	76767	FT	\$2.50	\$191,917.50
170	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	210748	SY	\$1.75	\$368,809.00
171	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.5")	69163	SY	\$3.25	\$224,779.75
172	254	PAVEMENT PLANING, ASPHALT CONCRETE (VARIABLE DEPTH)	1142	SY	\$10.00	\$11,420.00
173	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT	800	SY	\$175.00	\$140,000.00
174	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING RAPID REPAIR CONCRETE MIX MATERIAL)	800	SY	\$225.00	\$180,000.00
175	255	FULL DEPTH PAVEMENT SAWING	600	FT	\$2.50	\$1,500.00
176	SP 302	ASPHALT CONCRETE BASE, PG64-22 (SHOULDER)	16823	CY	\$110.00	\$1,850,530.00
177	SP 302	ASPHALT CONCRETE BASE, PG64-22	73375	CY	\$110.00	\$8,071,250.00
178	SP 304	AGGREGATE BASE (SHOULDER)	22934	CY	\$55.00	\$1,261,370.00
179	SP 304	AGGREGATE BASE	40710	CY	\$55.00	\$2,239,050.00
180	SP 304	COMPACTED AGGREGATE	2940	CY	\$75.00	\$220,500.00
181	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG64-22	3721	CY	\$120.00	\$446,520.00
182	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE OR RECYCLED ASPHALT CONCRETE INTERMEDIATE COURSE, PG76-22 (FR)	15058	CY	\$140.00	\$2,108,120.00
183	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG76-22	50	CY	\$350.00	\$17,500.00
184	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED STONE, PG64-22	11225	CY	\$155.00	\$1,739,875.00
185	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG76-22 (FR)	16664	CY	\$200.00	\$3,332,800.00
186	SP 404A	JOINT SEALER	245450	FT	\$0.35	\$85,907.50
187	407	NON -TRACKING TACK COAT FOR INTERMEDIATE COURSE	23275	GAL	\$2.75	\$64,006.25



188	407	NON -TRACKING TACK COAT	63291	GAL	\$2.75	\$174,050.25
189	423	CRACK SEALING, TYPE IV	15000	LBS	\$2.60	\$39,000.00
190	617	WATER	25	M GAL	\$75.00	\$1,875.00
191	617	SHOULDER PREPARATION	9100	SY	\$0.75	\$6,825.00
192	SP 617	COMPACTED AGGREGATE	760	CY	\$60.00	\$45,600.00
193	SP 627	STONE SHOULDER PROTECTION	1358	CY	\$75.00	\$101,850.00
194	SPECIAL	SONIC NAP ALERT PATTERN (SNAP)	33.09	MILE	\$1,000.00	\$33,090.00
<b>Total:</b>						<b>\$23,103,145.25</b>

### 39-18-02A - MAINTENANCE OF TRAFFIC (Ref. Nos. 195-236)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
195	202	IMPACT ATTENUATOR REMOVED AND RESET	2	EACH	\$4,500.00	\$9,000.00
196	202	GUARDRAIL REMOVED, AS PER PLAN	575	FT	\$1.65	\$948.75
197	614	WORK ZONE IMPACT ATTENUATOR FOR 24" WIDE HAZARDS (UNIDIRECTIONAL)	45	EACH	\$1,800.00	\$81,000.00
198	614	REPLACEMENT SIGN	20	EACH	\$130.00	\$2,600.00
199	614	WORK ZONE CROSSOVER LIGHTING SYSTEM	2	EACH	\$30,000.00	\$60,000.00
200	614	ASPHALT CONCRETE FOR MAINTAINING TRAFFIC	300	CY	\$150.00	\$45,000.00
201	614	PORTABLE CHANGEABLE MESSAGE SIGN, AS PER PLAN	2800	DAY	\$28.00	\$78,400.00
202	614	WORK ZONE LANE LINE, CLASS I, 642 PAINT (4" WHITE)	12.54	MILE	\$525.00	\$6,583.50
203	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" WHITE)	52.79	MILE	\$750.00	\$39,592.50
204	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (4" YELLOW)	44.69	MILE	\$750.00	\$33,517.50
205	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" WHITE)	3.1	MILE	\$850.00	\$2,635.00
206	614	WORK ZONE EDGE LINE, CLASS I, 642 PAINT (6" YELLOW)	20.52	MILE	\$850.00	\$17,442.00

207	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" WHITE)	62360	FT	\$0.55	\$34,298.00
208	614	WORK ZONE CHANNELIZING LINE, CLASS I, 642 PAINT (8" YELLOW)	16935	FT	\$0.55	\$9,314.25
209	614	WORK ZONE DOTTED LINE, CLASS I, 642 PAINT (4" WHITE)	18074	FT	\$0.50	\$9,037.00
210	SP 614	ZONE PERSON	20000	HOUR	\$75.00	\$1,500,000.00
211	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.55	MILE	\$4,200.00	\$6,510.00
212	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	2.13	MILE	\$6,200.00	\$13,206.00
213	SP 614B	WORK ZONE WHITE EDGE LINE, 6 INCH	0.52	MILE	\$7,500.00	\$3,900.00
214	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	2.57	MILE	\$6,200.00	\$15,934.00
215	SP 614B	WORK ZONE YELLOW EDGE LINE, 6 INCH	0.92	MILE	\$7,500.00	\$6,900.00
216	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	1485	FT	\$1.75	\$2,598.75
217	SP 614B	WORK ZONE DOTTED LINE, 4 INCH	425	FT	\$2.50	\$1,062.50
218	SP 614C	REMOVAL OF PAVEMENT MARKING	226.13	MILE	\$1,350.00	\$305,275.50
219	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	617	SY	\$60.00	\$37,020.00
220	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE I, AS PER PLAN	2592	SY	\$100.00	\$259,200.00
221	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE II, AS PER PLAN	1386	SY	\$70.00	\$97,020.00
222	615	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, TYPE III, AS PER PLAN	6425	SY	\$75.00	\$481,875.00
223	616	WATER	2000	M GAL	\$11.00	\$22,000.00
224	SP 621	RAISED PAVEMENT MARKER-STIMSONITE MODEL 101 LPCR	50	EACH	\$24.00	\$1,200.00
225	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	50	EACH	\$9.25	\$462.50
226	SP 621	REPLACEMENT RAISED PAVEMENT MARKER CASTING-STIMSONITE MODEL 101 LPCR	50	EACH	\$24.00	\$1,200.00
227	SP 622	32" PORTABLE BARRIER (WITH GLARE SCREEN)	1	LUMP	\$1,250,000.00	\$1,250,000.00
228	SP 622	32" PORTABLE BARRIER (WITHOUT GLARE SCREEN)	1	LUMP	\$1,250,000.00	\$1,250,000.00
229	SP 626	BARRIER REFLECTOR, TYPE A (WHITE)	50	EACH	\$6.75	\$337.50
230	SP 626	BARRIER REFLECTOR, TYPE B	525	EACH	\$6.75	\$3,543.75
231	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, WHITE	6990	EACH	\$6.75	\$47,182.50

232	SP 626A	CONSTRUCTION ZONE MARKER, ONE-WAY MODEL, YELLOW	2760	EACH	\$6.75	\$18,630.00
233	630	SIGNING, MISC.: ADDITIONAL SIGNS WITH SUPPORTS, AS DIRECTED BY THE CHIEF ENGINEER	500	SF	\$15.00	\$7,500.00
234	SPECIAL	"SNAP" MILL AND FILL	32500	FT	\$5.00	\$162,500.00
235	SPECIAL	EXISTING CROSSOVER TO BE CLOSED / RE-OPENED	11	LUMP	\$6,000.00	\$66,000.00
236	SPECIAL	SPEED MEASUREMENT MARKING, AS PER PLAN	10	EACH	\$440.00	\$4,400.00
<b>Total:</b>						<b>\$5,994,826.50</b>

### 39-18-02A - LIGHTING (Ref. Nos. 237-260)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
237	625	CONNECTION, UNFUSED, PERMANENT	30	EACH	\$100.00	\$3,000.00
238	625	CONNECTION, FUSED, PULL APART	44	EACH	\$100.00	\$4,400.00
239	625	PULL BOX 725.08, 24"	6	EACH	\$925.00	\$5,550.00
240	625	DISCONNECT CIRCUIT	8	EACH	\$260.00	\$2,080.00
241	625	GROUND ROD	22	EACH	\$210.00	\$4,620.00
242	625	TRENCH, 24" DEEP	2619	FT	\$6.25	\$16,368.75
243	625	1-1/2" DUCT CABLE WITH THREE NO. 4 AWG, 5000 VOLT CABLES	1007	FT	\$5.75	\$5,790.25
244	625	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	9216	FT	\$1.70	\$15,667.20
245	625	NO. 10 AWG GROUND CONDUCTOR	3945	FT	\$1.30	\$5,128.50
246	625	POLE AND BRACKET CABLE, NO. 10 AWG, 600 VOLT	1800	FT	\$1.30	\$2,340.00
247	625	1-1/2" CONDUIT	3357	FT	\$3.00	\$10,071.00
248	625	LUMINAIRE SUPPORT FOUNDATION REMOVAL	18	EACH	\$260.00	\$4,680.00
249	625	LUMINAIRE SUPPORT 'TYPE-A' REMOVAL, AS PER PLAN	18	EACH	\$525.00	\$9,450.00
250	625	LUMINAIRE SUPPORT 'TYPE-B' REMOVAL, AS PER PLAN	4	EACH	\$775.00	\$3,100.00
251	625	LUMINAIRE SUPPORT 'TYPE-A', AS PER PLAN	4	EACH	\$3,100.00	\$12,400.00
252	625	LUMINAIRE SUPPORT 'TYPE-A' INSTALLATION ONLY, AS PER PLAN	18	EACH	\$525.00	\$9,450.00

253	625	LUMINAIRE SUPPORT 'TYPE-B' INSTALLATION ONLY, AS PER PLAN	4	EACH	\$775.00	\$3,100.00
254	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 6' DEEP, AS PER PLAN	17	EACH	\$1,550.00	\$26,350.00
255	625	LUMINAIRE SUPPORT FOUNDATION, 24"X 8' DEEP, AS PER PLAN	4	EACH	\$1,650.00	\$6,600.00
256	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE-A' LED, AS PER PLAN	4	EACH	\$900.00	\$3,600.00
257	625	LIGHTING MISC.: LUMINAIRE CONVENTIONAL 'TYPE-A' LED RETROFIT, AS PER PLAN	53	EACH	\$900.00	\$47,700.00
258	625	LIGHTING MISC.: LUMINAIRE LOW MAST 'TYPE-B' LED RETROFIT, AS PER PLAN	11	EACH	\$1,450.00	\$15,950.00
259	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$10,500.00	\$10,500.00
260	SPECIAL	PLASTIC CAUTION TAPE	2619	FT	\$0.25	\$654.75
<b>Total:</b>						\$228,550.45

**39-18-02A - TRAFFIC CONTROL (Ref. Nos. 261-299)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
261	620	REMOVAL OF DELINEATOR	150	EACH	\$5.00	\$750.00
262	620	DELINEATOR, POST MOUNTED, AS PER PLAN (GROUND MOUNTED)	169	EACH	\$31.00	\$5,239.00
263	620	DELINEATOR, POST MOUNTED, AS PER PLAN (SURFACE MOUNTED)	10	EACH	\$52.00	\$520.00
264	621	RAISED PAVEMENT MARKER REMOVED	1190	EACH	\$7.00	\$8,330.00
265	SP 621	REPLACEMENT PRISMATIC RETRO-REFLECTOR	2602	EACH	\$9.50	\$24,719.00
266	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	2646	EACH	\$21.00	\$55,566.00
267	625	GROUND ROD	6	EACH	\$260.00	\$1,560.00
268	SP 626	BARRIER REFLECTOR, TYPE B	400	EACH	\$6.75	\$2,700.00
269	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, S4x7.7	278	FT	\$22.00	\$6,116.00

270	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W8x18	40	FT	\$40.00	\$1,600.00
271	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT, W12x30	58	FT	\$50.00	\$2,900.00
272	630	GROUND MOUNTED STRUCTURAL BEAM SUPPORT FOUNDATION	18	EACH	\$800.00	\$14,400.00
273	630	BREAKAWAY STRUCTURAL BEAM CONNECTION	6	EACH	\$400.00	\$2,400.00
274	630	SIGN, SINGLE FACED, MILE MARKER, AS PER PLAN	18	EACH	\$45.00	\$810.00
275	630	SIGN ERECTED, FLAT SHEET, AS PER PLAN	320	EACH	\$56.00	\$17,920.00
276	630	SIGN ERECTED, EXTRUSHEET, AS PER PLAN	57	EACH	\$525.00	\$29,925.00
277	630	SIGN ATTACHMENT ASSEMBLY	56	EACH	\$500.00	\$28,000.00
278	630	SIGN BACKING ASSEMBLY	8	EACH	\$150.00	\$1,200.00
279	630	RIGID OVERHEAD SIGN SUPPORT FOUNDATION	6	EACH	\$4,000.00	\$24,000.00
280	630	OVERHEAD SIGN SUPPORT, TYPE 12.30, DESIGN 10	6	EACH	\$18,000.00	\$108,000.00
281	630	SIGN POST REFLECTOR	198	EACH	\$36.00	\$7,128.00
282	630	TENTH MILEPOST SIGN ERECTED, AS PER PLAN	132	EACH	\$66.00	\$8,712.00
283	630	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	295	EACH	\$10.00	\$2,950.00
284	630	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	276	EACH	\$15.00	\$4,140.00
285	630	REMOVAL OF GROUND MOUNTED MAJOR SIGN AND DISPOSAL	21	EACH	\$200.00	\$4,200.00
286	630	REMOVAL OF GROUND MOUNTED STRUCTURAL BEAM SUPPORT AND DISPOSAL	6	EACH	\$300.00	\$1,800.00
287	630	REMOVAL OF STRUCTURE MOUNTED SIGN AND DISPOSAL	12	EACH	\$275.00	\$3,300.00
288	630	REMOVAL OF OVERHEAD SIGN SUPPORT AND DISPOSAL, TYPE TC-12.30	6	EACH	\$1,550.00	\$9,300.00
289	630	REMOVAL OF OVERHEAD MOUNTED SIGN AND DISPOSAL	35	EACH	\$285.00	\$9,975.00
290	630	SIGNING MISC.: MILEPOST AND TENTH MILEPOST SIGNS REMOVED	150	EACH	\$10.00	\$1,500.00
291	630	SIGNING MISC.: REMOVE SIGN FLASHERS	2	EACH	\$300.00	\$600.00

292	630	SIGNING MISC.: REMOVE FOR REUSE SIGN FLASHER CONTROLLER	2	EACH	\$500.00	\$1,000.00
293	630	SIGNING MISC.: INSTALL SIGN FLASHERS AND FLASHER CONTROLLER	2	EACH	\$1,800.00	\$3,600.00
294	631	SIGN LIGHTING MISC.: REMOVE SIGN LIGHTING AND SIGN SERVICE	18	EACH	\$400.00	\$7,200.00
295	642	EDGE LINE, 6", TYPE 1	145.69	MILE	\$800.00	\$116,552.00
296	642	LANE LINE, 6", TYPE 1	140	MILE	\$575.00	\$80,500.00
297	642	DOTTED LINE, 6", TYPE 1	19290	FT	\$0.50	\$9,645.00
298	642	CHANNELIZING LINE, 12", TYPE 1	31080	FT	\$0.55	\$17,094.00
299	SPECIAL	SPEED MEASUREMENT MARKING	20	EACH	\$430.00	\$8,600.00
<b>Total:</b>						<b>\$634,451.00</b>

### 39-18-02A - BRIDGE MAINTENANCE (Ref. Nos. 300-311)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
300	SP 202	PORTIONS OF STRUCTURE REMOVED, AS PER PLAN	1	LUMP	\$50,000.00	\$50,000.00
301	SP 509	EPOXY COATED REINFORCING STEEL, GRADE 60	4350	POUND	\$2.00	\$8,700.00
302	SP 511B	CLASS QC2 CONCRETE, BARRIERS AND PARAPETS, USING TYPE I CEMENT	22	CY	\$2,600.00	\$57,200.00
303	516	1" PREFORMED EXPANSION JOINT FILLER	242	FT	\$6.25	\$1,512.50
304	SP 516A	CRACK REPAIR USING EPOXY INJECTION	304	FT	\$55.00	\$16,720.00
305	SP 516B	SEALING OF CONSTRUCTION JOINTS	4415	FT	\$6.25	\$27,593.75
306	SP 519	PATCHING CONCRETE STRUCTURES	2782	SF	\$90.00	\$250,380.00
307	SP 527	FALSEWORK, TEMPORARY BRACING AND PROTECTIVE STRUCTURE	1	LUMP	\$5,200.00	\$5,200.00
308	SP 533D	CONTINUOUS ELASTOMER SEAL IN A PORTLAND CEMENT CONCRETE JOINT	69	FT	\$500.00	\$34,500.00
309	SP 533G	REPLACEMENT OF STRIP SEAL WITH CONTINUOUS ELASTOMER SEAL	215	FT	\$150.00	\$32,250.00

310	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	2058	SY	\$9.25	\$19,036.50
311	SP 536	CONCRETE WEATHERPROOFING, DECK, AND APPROACH SLABS	6081	SY	\$9.25	\$56,249.25
<b>Total:</b>						\$559,342.00

**39-18-02A - MSE WALL REPAIR (Ref. Nos. 312-315)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
312	SP 536	CONCRETE WEATHERPROOFING (PARAPET)	6246	SY	\$9.25	\$57,775.50
313	SP 536	CONCRETE WEATHERPROOFING (MSE PANEL)	57	SY	\$41.00	\$2,337.00
314		SPECIAL PORTIONS OF STRUCTURE REPAIRED (PARAPET)	25	SF	\$310.00	\$7,750.00
315		SPECIAL PORTIONS OF STRUCTURE REPAIRED (MSE PANEL)	153	SF	\$675.00	\$103,275.00
<b>Total:</b>						\$171,137.50

**39-18-02A - GENERAL (Ref. Nos. 316-317)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
316	SP 614	MAINTAINING TRAFFIC	1	LUMP	\$4,000,000.00	\$4,000,000.00
317	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$645,000.00	\$645,000.00
<b>Total:</b>						\$4,645,000.00

**39-18-02B - ROADWAY (Ref. Nos. 318 - 355)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
318	202	PAVEMENT REMOVED, AS PER PLAN	23197	SY	\$9.00	\$208,773.00
319	202	GUARDRAIL REMOVED, AS PER PLAN	11998	FT	\$1.60	\$19,196.80
320	202	GUARDRAIL REMOVED AND RESET, BARRIER DESIGN, AS PER PLAN	550	FT	\$15.00	\$8,250.00
321	202	CONCRETE MEDIAN REMOVED	759	SY	\$10.00	\$7,590.00
322	202	CONCRETE BARRIER REMOVED	260	FT	\$30.00	\$7,800.00
323	203	EXCAVATION	5086	CY	\$25.00	\$127,150.00

324	203	ROADWAY EXCAVATION AND EMBANKMENT	1800	CY	\$20.00	\$36,000.00
325	204	EXCAVATION	178	CY	\$10.00	\$1,780.00
326	204	EXCAVATION OF SUBGRADE	2400	CY	\$14.00	\$33,600.00
327	204	EMBANKMENT	2400	CY	\$25.00	\$60,000.00
328	204	TYPE D GEOTEXTILE, 712.09	227	SY	\$1.75	\$397.25
329	204	SUBGRADE COMPACTION	3827	SY	\$0.65	\$2,487.55
330	206	CEMENT STABILIZED SUBGRADE, 12 INCHES DEEP, AS PER PLAN	27000	SY	\$2.75	\$74,250.00
331	206	CEMENT STABILIZED SUBGRADE, 16 INCHES DEEP	12000	SY	\$3.25	\$39,000.00
332	206	CEMENT	1260	TON	\$155.00	\$195,300.00
333	206	CURING COAT, AS PER PLAN	2100	GAL	\$4.00	\$8,400.00
334	206	TEST ROLLING	40	HOUR	\$100.00	\$4,000.00
335	209	DITCH CLEANOUT	500	FT	\$2.50	\$1,250.00
336	209	LINEAR GRADING, AS PER PLAN	8400	FT	\$1.50	\$12,600.00
337	SP 304	GRANULAR MATERIAL	360	TON	\$35.00	\$12,600.00
338	606	GUARDRAIL, TYPE MGS, USING LONG STEEL POSTS	10638	FT	\$19.00	\$202,122.00
339	606	GUARDRAIL, BARRIER DESIGN, TYPE MGS, USING LONG STEEL POSTS	225	FT	\$30.00	\$6,750.00
340	606	ANCHOR ASSEMBLY, MGS TYPE T	18	EACH	\$800.00	\$14,400.00
341	606	ANCHOR ASSEMBLY, BARRIER DESIGN, MGS TYPE A	1	EACH	\$1,600.00	\$1,600.00
342	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 1	9	EACH	\$2,250.00	\$20,250.00
343	606	MGS BRIDGE TERMINAL ASSEMBLY, TYPE 2	7	EACH	\$435.00	\$3,045.00
344	606	GUARDRAIL REBUILT	25	FT	\$13.00	\$325.00
345	SP 606A	ANCHOR ASSEMBLY, TYPE E (ET-31)	17	EACH	\$2,400.00	\$40,800.00
346	609	CURB, TYPE 4-C	163	FT	\$50.00	\$8,150.00
347	609	CURB, TYPE 6	1423	FT	\$20.00	\$28,460.00
348	609	CONCRETE MEDIAN	765	SY	\$65.00	\$49,725.00
349	622	CONCRETE BARRIER, SINGLE SLOPE, TYPE D, AS PER PLAN	229	FT	\$175.00	\$40,075.00
350	622	CONCRETE BARRIER END ANCHORAGE, REINFORCED TYPE D, AS PER PLAN	1	EACH	\$4,000.00	\$4,000.00
351	622	CONCRETE BARRIER END SECTION, TYPE D, AS PER PLAN	1	EACH	\$4,000.00	\$4,000.00
352	623	MONUMENT BOX RECONSTRUCTED TO GRADE	42	EACH	\$800.00	\$33,600.00



353	623	MONUMENT ASSEMBLY REMOVED AND RESET	3	EACH	\$1,750.00	\$5,250.00
354	SP 626	BARRIER REFLECTOR, TYPE A	133	EACH	\$7.00	\$931.00
355	861	GEOGRID FOR SUBGRADE STABILIZATION, AS PER PLAN, TENSAR TRIAX 160 GEOGRID	227	SY	\$2.50	\$567.50
<b>Total:</b>						\$1,324,475.10

**39-18-02B - EROSION CONTROL (Ref. Nos. 356-368)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
356	601	ROCK CHANNEL PROTECTION, TYPE B WITH FILTER	10	CY	\$200.00	\$2,000.00
357	601	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	10	CY	\$175.00	\$1,750.00
358	601	TIED CONCRETE BLOCK MAT, TYPE 1	29	SY	\$75.00	\$2,175.00
359	659	SOIL ANALYSIS TEST	2	EACH	\$75.00	\$150.00
360	659	TOPSOIL	1250	CY	\$15.00	\$18,750.00
361	659	SEEDING AND MULCHING	11200	SY	\$1.00	\$11,200.00
362	659	REPAIR SEEDING AND MULCHING	560	SY	\$0.40	\$224.00
363	659	INTER-SEEDING	560	SY	\$0.10	\$56.00
364	659	COMMERCIAL FERTILIZER	1.52	TON	\$675.00	\$1,026.00
365	659	LIME	2.4	ACRE	\$100.00	\$240.00
366	659	WATER	70	M GAL	\$1.00	\$70.00
367	832	PERIMETER FILTER FABRIC FENCE	8000	FT	\$0.75	\$6,000.00
368	832	FILTER FABRIC DITCH CHECK	500	FT	\$7.50	\$3,750.00
<b>Total:</b>						\$47,391.00

**39-18-02B - DRAINAGE (Ref. Nos. 369-381)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
369	605	AGGREGATE DRAIN, TYPE 1, WITH FABRIC WRAP	50	FT	\$25.00	\$1,250.00
370	605	AGGREGATE DRAIN, TYPE 2, WITH FABRIC WRAP	50	FT	\$25.00	\$1,250.00
371	SP 605	6" SHALLOW PIPE UNDERDRAIN, WITH FABRIC WRAP (30	15600	FT	\$20.00	\$312,000.00

372	SP 611	MANHOLE RECONSTRUCTED TO GRADE, AS PER PLAN	13	EACH	\$2,500.00	\$32,500.00
373	SP 611	INLET RECONSTRUCTED TO GRADE, AS PER PLAN	6	EACH	\$4,000.00	\$24,000.00
374	SP 611	CATCH BASIN ADJUSTED TO GRADE, LESS THAN 4", AS PER PLAN	5	EACH	\$1,500.00	\$7,500.00
375	SP 611	CATCH BASIN ADJUSTED TO GRADE, 4"-12", AS PER PLAN	16	EACH	\$2,000.00	\$32,000.00
376	SP 611	CATCH BASIN ADJUSTED TO GRADE, GREATER THAN 12", AS PER PLAN	4	EACH	\$3,500.00	\$14,000.00
377	SP 611	CATCH BASIN GRATE AND CASTING, AS PER PLAN	5	EACH	\$550.00	\$2,750.00
378	SP 605	6" UNDERDRAIN OUTLET PIPE	684	FT	\$25.00	\$17,100.00
379	NOT USED	NOT USED	0	NOT USED		\$0.00
380	SP 611	PRECAST REINFORCED CONCRETE OUTLET	16	EACH	\$175.00	\$2,800.00
381	SPECIAL	CATCH BASIN CLEANED	2	EACH	\$250.00	\$500.00
<b>Total:</b>						<b>\$447,650.00</b>

### 39-18-02B - PAVEMENT (Ref. Nos. 382-401)

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
382	252	FULL DEPTH PAVEMENT SAWING	422	FT	\$2.50	\$1,055.00
383	254	PAVEMENT PLANING, ASPHALT CONCRETE (2")	14420	SY	\$3.00	\$43,260.00
384	254	PAVEMENT PLANING, ASPHALT CONCRETE (3.25")	6131	SY	\$4.00	\$24,524.00
385	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (1")	37645	SY	\$3.00	\$112,935.00
386	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE (DEPTH VARIES)	1500	SY	\$4.00	\$6,000.00
387	254	PAVEMENT PLANING, PORTLAND CEMENT CONCRETE, AS PER PLAN	1440	SY	\$15.00	\$21,600.00
388	255	FULL DEPTH PAVEMENT REMOVAL AND RIGID REPLACEMENT (USING CLASS QC MS CONCRETE)	6365	SY	\$181.00	\$1,152,065.00
388A	255	FULL DEPTH PAVEMENT JOINT REPAIR (USING CLASS QC MS CONCRETE)	1150	SY	\$181.00	\$208,150.00

389	255	FULL DEPTH PAVEMENT SAWING	15250	FT	\$2.50	\$38,125.00
390	SP 302	ASPHALT CONCRETE BASE, PG 64-22	5279	CY	\$105.00	\$554,295.00
391	SP 304	AGGREGATE BASE	4535	CY	\$55.00	\$249,425.00
392	SP 402	ASPHALT CONCRETE INTERMEDIATE COURSE, PG 76-22 (FR)	3890	CY	\$140.00	\$544,600.00
393	SP 403	ASPHALT CONCRETE LEVELING COURSE, PG 76-22	888	CY	\$200.00	\$177,600.00
394	SP 404	ASPHALT CONCRETE SURFACE COURSE, USING CRUSHED SLAG, PG 76-22 (FR)	3415	CY	\$210.00	\$717,150.00
395	407	NON-TRACKING TACK COAT	14520	GAL	\$2.75	\$39,930.00
396	423	CRACK SEALING, TYPE IV	31000	FT	\$2.00	\$62,000.00
397	617	SHOULDER PREPARATION	14325	SY	\$0.75	\$10,743.75
398	617	WATER	45	M GAL	\$50.00	\$2,250.00
399	SP 617	COMPACTED AGGREGATE	1915	CY	\$50.00	\$95,750.00
400	SP 627	STONE SHOULDER PROTECTION	756	CY	\$100.00	\$75,600.00
401	SPECIAL	ASPHALT PAVEMENT REINFORCEMENT	26000	FT	\$6.00	\$156,000.00

**Total:** \$4,293,057.75

**39-18-02B - LIGHTING (Ref. No. 402)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
402	SPECIAL	MAINTAIN EXISTING LIGHTING	1	LUMP	\$15,500.00	\$15,500.00
<b>Total:</b>						\$15,500.00

**39-18-02B - TRAFFIC CONTROL (Ref. Nos. 403-408)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
403	SP 621	RAISED PAVEMENT MARKER - STIMSONITE MODEL 101 LPCR	350	EACH	\$21.00	\$7,350.00
404	642	EDGE LINE, 6", TYPE 1	9	MILE	\$775.00	\$6,975.00
405	642	LANE LINE, 6", TYPE 1	0.5	MILE	\$575.00	\$287.50
406	642	CHANNELIZING LINE, 12", TYPE 1	2500	FT	\$0.50	\$1,250.00

407	642	LANE ARROW, TYPE 1	9	EACH	\$85.00	\$765.00
408	642	WORD ON PAVEMENT, 72", TYPE 1	3	EACH	\$125.00	\$375.00
<b>Total:</b>						\$17,002.50

**39-18-02B - BRIDGE MAINTENANCE (Ref. Nos. 409-415)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
409	202	APPROACH SLAB REMOVED, AS PER PLAN	440	SY	\$75.00	\$33,000.00
410	511	CONCRETE, MISC.: REPAIR OF RAISED MEDIAN	100	FT	\$185.00	\$18,500.00
411	516B	SEALING OF CONCRETE CONSTRUCTION JOINTS	4860	FT	\$6.25	\$30,375.00
412	526	REINFORCED CONCRETE APPROACH SLAB (T=15"), AS PER PLAN	440	SY	\$265.00	\$116,600.00
413	SP 536	CONCRETE WEATHERPROOFING, DECK, ABUTMENT SLABS AND APPROACH SLABS	3375	SY	\$9.00	\$30,375.00
414	SP 536	CONCRETE WEATHERPROOFING, BARRIERS AND PARAPETS	990	SY	\$10.00	\$9,900.00
415	SPECIAL	PATCHING CONCRETE BRIDGE DECKS, TYPE B	18	SY	\$460.00	\$8,280.00
<b>Total:</b>						\$247,030.00

**39-18-02B - MAINTENANCE OF TRAFFIC (Ref. No. 416 - 425)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
416	614	ASPHALT CONCRETE FOR MAINTAINING PAVEMENT	100	CY	\$150.00	\$15,000.00
417	614	WORK ZONE IMPACT ATTENUATOR FOR 24" HAZARD (UNIDIRECTIONAL)	2	EACH	\$1,800.00	\$3,600.00
418	SP 614B	WORK ZONE WHITE EDGE LINE, 4 INCH	13.5	MILE	\$6,250.00	\$84,375.00
419	SP 614B	WORK ZONE YELLOW EDGE LINE, 4 INCH	13.5	MILE	\$6,250.00	\$84,375.00
420	SP 614B	WORK ZONE CHANNELIZING LINE, 8 INCH	7500	FT	\$1.75	\$13,125.00
421	SP 614B	WORK ZONE LANE LINE, 4 INCH	1.5	MILE	\$4,200.00	\$6,300.00
422	SP 614C	REMOVAL OF PAVEMENT MARKING	9	MILE	\$1,350.00	\$12,150.00
423	621	RAISED PAVEMENT MARKER REMOVED	350	EACH	\$7.00	\$2,450.00

424	NOT USED	NOT USED	0	NOT USED		\$0.00
425	SP 622	PARTABLE BARRIER, 32" (WITHOUT GLARE SCREEN)	1	LUMP	\$40,000.00	\$40,000.00
<b>Total:</b>						\$261,375.00

**39-18-02B - GENERAL (Ref. Nos. 426-427)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
426	SP 623	CONSTRUCTION LAYOUT SURVEY	1	LUMP	\$50,000.00	\$50,000.00
427	SP 614	MAINTAINING TRAFFIC, AS PER PLAN	1	LUMP	\$75,000.00	\$75,000.00
<b>Total:</b>						\$125,000.00

**39-18-02 - GENERAL (Ref. Nos. 428-430)**

Ref. No.	Item No.	Description	Quantity	Units	Unit Price	Extension
428	IB,ART.6	PREMIUM FOR CONTRACT PERFORMANCE BOND AND P/	1	LUMP	\$340,000.00	\$340,000.00
429	SP 619	FIELD OFFICE	1	LUMP	\$150,000.00	\$150,000.00
430	624	MOBILIZATION	1	LUMP	\$1,600,000.00	\$1,600,000.00
<b>Total:</b>						\$2,090,000.00

**TOTAL BID AMOUNT (ITEMS 1 THRU 430) \$62,169,409.80**

**WASTE SITE DEDUCT ALTERNATE**

\$900,000.00

**TEMPORARY ACCESS DEDUCT ALTERNATE**

No