



SR 63 AT LAWTON DRIVE AND AMERICAN WAY  
 MONROE, OH  
 PROJECT #180691  
 BID OPENING DATE: JUNE 18, 2021 AT 10:00 AM

Item No.	Spec. No.	Item	Estimated Quantity	Unit of Measure
<b>ROADWAY</b>				
1	201E11000	CLEARING AND GRUBBING	1	LS
2	202E23000	PAVEMENT REMOVED	1920	SY
3	202E32500	CURB AND GUTTER REMOVED	88	FT
4	202E35100	PIPE REMOVED, 24" AND UNDER	97	FT
5	202E35200	PIPE REMOVED, OVER 24"	78	FT
6	202E75000	FENCE REMOVED	105	FT
7	202E98100	REMOVAL MISC.: REMOVE PRIVATE SIGN	2	EA
8	202E98100	REMOVAL MISC.: REMOVE AND RELOCATE PRIVATE SIGN	1	EA
9	203E10000	EXCAVATION	1268	CY
10	203E20000	EMBANKMENT	847	CY
11	204E10000	SUBGRADE COMPACTION	5084	SY
12	204E13000	EXCAVATION OF SUBGRADE	1268	CY
13	204E30020	GRANULAR MATERIAL, TYPE C	1268	CY
14	204E45000	PROOF ROLLING	16	HR
15	204E51000	GEOGRID	2852	SY
<b>EROSION CONTROL</b>				
16	601E11000	RIPRAP, TYPE D	18	SY
17	601E21050	TIED CONCRETE BLOCK MAT WITH TYPE 1 UNDERLAYMENT	3.6	SY
18	601E32200	ROCK CHANNEL PROTECTION, TYPE C WITH FILTER	38	CY
19	659E00300	TOPSOIL	145	CY
20	659E10000	SEEDING AND MULCHING	3610	SY
21	659E14000	REPAIR SEEDING AND MULCHING	181	SY
22	659E15000	INTER-SEEDING	181	SY
23	659E20000	COMMERCIAL FERTILIZER	.51	TON
24	659E31000	LIME	.74	ACRE
25	659E35000	WATER	20	MGAL
26	670E00500	SLOPE EROSION PROTECTION	1307	SY
27	832E30000	EROSION CONTROL	45000	EA
<b>DRAINAGE</b>				
28	503E11100	COFFERDAMS AND EXCAVATION BRACING	1	LS
29	503E21100	UNCLASSIFIED EXCAVATION	140	CY
30	509E10000	EPOXY COATED REINFORCING STEEL	2799	LB



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31	511E46010	CLASS OC1 CONCRETE, RETAINING/WINGWALL NOT INCLUDING FOOTING	7	CY
32	511E46510	CLASS OC1 CONCRETE, FOOTING	21	CY
33	511E46610	CLASS OC1 CONCRETE, HEADWALL	2	CY
34	512E10100	SEALING OF CONCRETE SURFACES (EPOXY-URETHANE)	39	SY
35	512E33000	TYPE 2 WATERPROOFING	224	SY
36	516E13600	1" PREFORMED EXPANSION JOINT FILLER	2	SF
37	518E21200	POROUS BACKFILL WITH GEOTEXTILE FABRIC	7	CY
38	605E11100	6" SHALLOW PIPE UNDERDRAINS	984	FT
39	605E13300	6" UNCLASSIFIED PIPE UNDERDRAINS	200	FT
40	605E14000	6" BASE PIPE UNDERDRAINS	1700	FT
41	611E00400	4" CONDUIT, TYPE E, 707.42	80	FT
42	611E00510	6" CONDUIT, TYPE F FOR UNDERDRAIN OUTLETS	117	FT
43	611E04400	12" CONDUIT, TYPE B, 706.02	18	FT
44	611E04600	12" CONDUIT, TYPE C, 707.45	54	FT
45	611E94800	8' X 4' CONDUIT, TYPE A, 706.05	90	FT
46	611E98150	CATCH BASIN, NO. 3	1	EA
47	611E98180	CATCH BASIN, NO. 3A	1	EA
48	611E98470	CATCH BASIN, NO. 2-2B	1	EA
49	611E98630	CATCH BASIN ADJUSTED TO GRADE	1	EA
50	611E99710	PRECAST REINFORCED CONCRETE OUTLET	2	EA
51	613E41200	LOW STRENGTH MORTAR BACKFILL	86	CY
<b>PAVEMENT</b>				
52	254E01000	PAVEMENT PLANING, ASPHALT CONCRETE, 3"	1982	SY
53	255E98000	FULL DEPTH REPAIR, MISC.: 12" FULL DEPTH RECLAMATION	240	CY
54	301E46000	ASPHALT CONCRETE BASE, PG64-22	514	CY
55	304E20000	AGGREGATE BASE	695	CY
56	407E10000	TACK COAT	148	GAL
57	407E20000	NON-TRACKING TACK COAT	258	GAL
58	441E50300	ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (448)	195	CY
59	451E16020	12" REINFORCED CONCRETE PAVEMENT, CLASS OC 1P WITH OC/QA	1838	SY
60	452E12010	8" NON-REINFORCED CONCRETE PAVEMENT, CLASS OC 1P	83	SY
61	609E23000	COMBINATION CURB AND GUTTER, TYPE 4	348	FT
62	690E98700	ASPHALT CONCRETE SURFACE COURSE, TYPE 1H, (448), PG70-22M	195	CY



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<b>WATER WORK</b>				
63	638E00804	6" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, BOLTLESS-RESTRAINED JOINTS AND FITTINGS	66	FT
64	638E01404	8" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, BOLTLESS-RESTRAINED JOINTS AND FITTINGS	25	FT
65	638E02604	12" WATER MAIN DUCTILE IRON PIPE ANSI CLASS 53, BOLTLESS-RESTRAINED JOINTS AND FITTINGS	530	FT
66	638E08100	12" GATE VALVE AND VALVE BOX	9	EA
67	638E09301	6" X 6" TAPPING SLEEVE, VALVE AND VALVE BOX, AS PER PLAN	1	EA
68	638E09401	8" X 8" TAPPING SLEEVE, VALVE AND VALVE BOX, AS PER PLAN	1	EA
69	638E09801	12" X 12" TAPPING SLEEVE, VALVE AND VALVE BOX, AS PER PLAN	2	EA
70	638E10200	6" FIRE HYDRANT	2	EA
71	638E10480	FIRE HYDRANT REMOVED	1	EA
72	638E98000	WATER WORK, MISC.: 12" X 12" ANCHOR TEE	3	EA
73	638E98000	WATER WORK, MISC.: 12" X 6" ANCHOR CROSS	1	EA
74	638E98000	WATER WORK, MISC.: 12" X 6" REDUCER	1	EA
75	638E98000	WATER WORK, MISC.: 12" X 8" REDUCER	1	EA
76	638E98000	WATER WORK, MISC.: SAMPLING STATION	1	EA
77	638E98000	WATER WORK, MISC.: 12" LINE PLUG	1	EA
78	638E98000	WATER WORK, MISC.: 6" LINE STOP	1	EA
79	638E98000	WATER WORK, MISC.: 8" LINE STOP	1	EA
80	638E98000	WATER WORK, MISC.: 12" LINE STOP	2	EA
<b>SANITARY SEWER</b>				
81	611E99654	MANHOLE ADJUSTED TO GRADE	1	EA
<b>OTHER UTILITIES</b>				
82	611E99700	GAS VALVE BOX ADJUSTED TO GRADE	2	EA
<b>TRAFFIC CONTROL</b>				
83	621E00100	RPM	20	EA
84	630E03100	GROUND MOUNTED SUPPORT, NO. 3 POST	340	FT
85	630E79000	SIGN HANGER ASSEMBLY, SPAN WIRE	8	EA
86	630E79500	SIGN SUPPORT ASSEMBLY, POLE MOUNTED	8	EA
87	630E80100	SIGN, FLAT SHEET	155.4	SF



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88	630E84900	REMOVAL OF GROUND MOUNTED SIGN AND DISPOSAL	5	EA
89	630E85100	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	5	EA
90	630E86002	REMOVAL OF GROUND MOUNTED POST SUPPORT AND DISPOSAL	11	EA
91	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 54" X 15", 2-WAY, LED	2	EA
92	631E90501	INTERNALLY ILLUMINATED FIXED MESSAGE SIGN, AS PER PLAN, 78" X 15", 2-WAY, LED	2	EA
93	644E00100	EDGE LINE, 4"	.18	MILE
94	644E00104	EDGE LINE, 6"	.19	MILE
95	644E00300	CENTER LINE	.09	MILE
96	644E00204	LANE LINE, 6"	.05	MILE
97	644E00400	CHANNELIZING LINE, 8"	433	FT
98	644E00404	CHANNELIZING LINE, 12"	216	FT
99	644E00500	STOP LINE	149	FT
100	644E01300	LANE ARROW	9	EA
101	644E01410	WORD ON PAVEMENT, 96"	5	EA
102	646E10010	EDGE LINE, 6"	.31	MILE
103	646E10110	LANE LINE, 6"	.22	MILE
104	646E10310	CHANNELIZING LINE, 12"	380	FT
105	646E20300	LANE ARROW	6	EA
106	646E20410	WORD ON PAVEMENT, 96"	2	EA
107	646E20504	DOTTED LINE, 6"	200	FT
108	646E50000	REMOVAL OF PAVEMENT MARKING	3	EA
109	646E50300	REMOVAL OF PAVEMENT MARKING	.58	MILE
<b>TRAFFIC SIGNALS</b>				
110	625E00450	CONNECTION, FUSED PULL APART	5	EA
111	625E00460	CONNECTION, UNFUSED PULL APART	5	EA
112	625E00470	CONNECTION, UNFUSED BOLTED	5	EA
113	625E00480	CONNECTION, UNFUSED PERMANENT	3	EA
114	625E18511	BRACKET ARM, 30', AS PER PLAN (CLAMP ON)	1	EA
115	625E23304	NO. 8 AWG 600 VOLT DISTRIBUTION CABLE	1806	FT
116	625E23400	NO. 10 AWG POLE AND BRACKET CABLE	1350	FT
117	625E25400	CONDUIT, 2", 725.04	142	FT
118	625E25500	CONDUIT, 3", 725.04	38	FT
119	625E25600	CONDUIT, 4", 725.04	288	FT
120	625E25910	CONDUIT CLEANED AND CABLES REMOVED	334	FT



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121	625E26253	LUMINAIRE, CONVENTIONAL, SOLID STATE (LED), AS PER PLAN, IES-III-M, 5000 K, 120 V	5	EA
122	625E29002	TRENCH, 24" DEEP	288	FT
123	625E30530	PULL BOX, 725.06, SIZE 18	1	EA
124	625E30700	PULL BOX, 725.08, 18"	2	EA
125	625E30706	PULL BOX, 725.08, 24"	1	EA
126	625E31510	PULL BOX REMOVED	7	EA
127	625E32000	GROUND ROD	5	EA
128	625E39520	PULL BOX CLEANED	3	EA
129	631E88000	PHOTOELECTRIC CONTROL	1	EA
130	632E05007	VEHICULAR SIGNAL HEAD, (LED), 3-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW WITH BACKPLATES	12	EA
131	632E05087	VEHICULAR SIGNAL HEAD, (LED), 5-SECTION, 12" LENS, 1-WAY, POLYCARBONATE, AS PER PLAN, YELLOW WITHOUT BACKPLATES	2	EA
132	632E25000	COVERING OF VEHICULAR SIGNAL HEAD	14	EA
133	632E30200	MESSENGER WIRE, 7 STRAND, 3/8" DIAMETER WITH ACCESSORIES	590	FT
134	632E30600	TETHER WIRE, WITH ACCESSORIES	590	FT
135	632E40300	SIGNAL CABLE, 3 CONDUCTOR, NO. 14 AWG	120	FT
136	632E40700	SIGNAL CABLE, 7 CONDUCTOR, NO. 14 AWG	2200	FT
137	632E64000	STRAIN POLE FOUNDATION	4	EA
138	632E68300	POWER CABLE, 3 CONDUCTOR, NO. 6 AWG	180	FT
139	632E70001	POWER SERVICE, AS PER PLAN	1	EA
140	632E87141	COMBINATION STRAIN POLE, TYPE TC-81.11, DESIGN 12, AS PER PLAN	4	EA
141	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, VEHICULAR SIGNAL HEAD	1	EA
142	632E90020	REMOVAL OF MISCELLANEOUS TRAFFIC SIGNAL ITEM, CONTROLLER UNIT	1	EA
143	632E90101	REMOVAL OF TRAFFIC SIGNAL INSTALLATION, AS PER PLAN	1	EA
144	633E65521	CABINET, TYPE 332, AS PER PLAN	1	EA
145	633E67100	CABINET FOUNDATION	1	EA
146	633E67200	CONTROLLER WORK PAD	1	EA
147	633E75001	UNINTERRUPTIBLE POWER SUPPLY (UPS), 1000 WATT, AS PER PLAN	1	EA
148	633E99000	CONTROLLER ITEM, MISC.: PREEMPTION, INTERSECTION (OPTICOM GPS)	1	EA
149	804E30010	FAN-OUT KIT, 12 FIBER	1	EA
150	804E32010	DROP CABLE, 12 FIBER	1	EA
151	804E34013	FIBER TERMINATION PANEL, 12 FIBER, AS PER PLAN	1	EA
152	804E37000	SPLICE ENCLOSURE, BUTT STYLE	1	EA
153	804E38101	FIBER OPTIC CABLE MEDIA CONVERTER, ETHERNET, AS PER PLAN	1	EA



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154	809E60001	CCTV IP-CAMERA SYSTEM, DOME-TYPE, AS PER PLAN	2	EA
155	809E69101	STOP LINE RADAR DETECTION, AS PER PLAN	4	EA
156	809E69123	ATC V6.24 CONTROLLER, AS PER PLAN	2	EA
<b>MAINTENANCE OF TRAFFIC</b>				
157	614E11110	LAW ENFORCEMENT OFFICER WITH PATROL CAR FOR ASSISTANCE	120	HR
158	614E12384	WORK ZONE IMPACT ATTENUATOR, 24" WIDE HAZARDS, (BIDIRECTIONAL)	4	EA
159	614E13310	BARRIER REFLECTOR, TYPE 1 (BIDIRECTIONAL)	10	EA
160	614E13360	OBJECT MARKER, TWO WAY	10	EA
161	614E20560	WORK ZONE LANE LINE, CLASS III, 6", 642 PAINT	.14	MILE
162	614E21100	WORK ZONE CENTER LINE, CLASS I, 642 PAINT	.01	MILE
163	614E22110	WORK ZONE EDGE LINE, CLASS I, 6", 642 PAINT	.45	MILE
164	614E22360	WORK ZONE EDGE LINE, CLASS III, 6", 642 PAINT	.29	MILE
165	614E24204	WORK ZONE DOTTED LINE, CLASS I, 8", 642 PAINT	605	FT
166	614E24614	WORK ZONE DOTTED LINE, CLASS III, 8", 642 PAINT	270	FT
167	614E26200	WORK ZONE STOP LINE, CLASS I, 642 PAINT	62	FT
168	615E10000	ROADS FOR MAINTAINING TRAFFIC		LS
169	615E20000	PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A	120	SY
170	616E10000	WATER	13	MGAL
171	622E41100	PORTABLE BARRIER, UNANCHORED	340	FT
<b>INCIDENTALS</b>				
171	614E11000	MAINTAINING TRAFFIC	1	LS
172	623E10000	CONSTRUCTION LAYOUT STAKES AND SURVEYING	1	LS
173	624E10000	MOBILIZATION	1	LS