

**FISCAL YEAR 2018  
UNIT PRICES FOR DEVELOPMENT AGREEMENT  
SECURITY AMOUNTS AND PLAN REVIEW FEES**



Item Number	Description	Unit	FY 2018	Remarks
<b>Construction Mobilization</b>				
1	a. 10 % of total construction cost			
	b. \$500 minimum			
	c. 2500 maximum			
2	Construction Survey including field engineering			
	a. 5% of total construction cost			
	b. \$1000 minimum			
	c. \$50,000 maximum			
<b>Roadways</b>				
3	Bituminous Concrete Surface Course	s.y. per in.	\$4.63	
4	Bituminous Concrete Base Course	s.y. per in.	\$4.03	
5	Bankrun gravel	s.y. per in.	\$1.28	
6	Concrete curb and gutter - C.C.	l.f.	\$17.30	
7	Concrete curb and gutter - MSHA	l.f.	\$18.90	
8	Asphalt curb	l.f.	\$9.50	
9	Single con. driveway at 7" thick w/o pipe	ea.	\$603.00	
10	Double con. driveway at 7" thick w/o pipe	ea.	\$1,110.00	
11	Rural driveway (asphalt) w/o driveway pipe	ea.	\$438.00	
12	Cut	c.y.	\$3.48	
13	Fill	c.y.	\$3.48	
14	Borrow/spoil	c.y.	\$8.70	
15	Street signs	ea.	\$260.00	
16	Street trees	ea.	\$347.00	
17	4" concrete sidewalk	s.f.	\$3.77	
18	Solid sod/ 2" topsoil	s.y.	\$6.90	
19	4" topsoil/seed & mulch	s.y.	\$6.90	
20	2" topsoil/seed & mulch	s.y.	\$4.63	
21	Miramat, curlex or equivalent	s.y.	\$4.36	
22	Fencing/screening	l.f.	\$22.70	
23	Barricade - beam type	l.f.	\$34.50	
24	Timber barricade	l.f.	\$17.30	
25	Clear & grub	ac.	\$8,650.00	
26	Miscellaneous concrete	c.y.	\$769.00	
26.5	Traffic Signal	ea.	\$207,100.00	
<b>Storm Drain Pipes</b>				
27	15" CMP	l.f.	\$34.40	
28	18" CMP	l.f.	\$37.90	
29	21" CMP	l.f.	\$43.20	
30	24" CMP	l.f.	\$48.10	
31	27" CMP	l.f.	\$55.10	
32	30" CMP	l.f.	\$65.70	
33	33" CMP	l.f.	\$93.20	

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<b>Storm Drain Pipes</b>				
34	36" CMP	l.f.	\$122.00	
35	42" CMP	l.f.	\$144.00	
36	48" CMP	l.f.	\$166.00	
37	54" CMP	l.f.	\$197.00	
38	60" CMP	l.f.	\$230.00	
39	72" CMP	l.f.	\$266.00	
40	17"X13" CMP	l.f.	\$36.20	
41	18"X11" CMP	l.f.	\$37.90	
42	21"X15" CMP	l.f.	\$43.20	
43	24"X18" CMP	l.f.	\$46.60	
44	28"X20" CMP	l.f.	\$51.80	
45	35"X24" CMP	l.f.	\$62.00	
46	42"X29" CMP	l.f.	\$86.30	
47	49"X33" CMP	l.f.	\$111.00	
48	57"X38" CMP	l.f.	\$140.00	
49	15" RCP-CLASS III	l.f.	\$46.50	
50	18" RCP-CLASS III	l.f.	\$50.30	
51	21" RCP-CLASS III	l.f.	\$57.00	
52	24" RCP-CLASS III	l.f.	\$62.00	
53	27" RCP-CLASS III	l.f.	\$75.90	
54	30" RCP-CLASS III	l.f.	\$86.10	
55	33" RCP-CLASS III	l.f.	\$98.30	
56	36" RCP-CLASS III	l.f.	\$124.00	
57	42" RCP-CLASS III	l.f.	\$146.00	
58	48" RCP-CLASS III	l.f.	\$166.00	
59	54" RCP-CLASS III	l.f.	\$205.00	
60	60" RCP-CLASS III	l.f.	\$236.00	
61	72" RCP-CLASS III	l.f.	\$281.00	
62	15" RCP-CLASS IV	l.f.	\$50.30	
63	18" RCP-CLASS IV	l.f.	\$57.00	
64	21" RCP-CLASS IV	l.f.	\$62.00	
65	24" RCP-CLASS IV	l.f.	\$75.90	
66	27" RCP-CLASS IV	l.f.	\$78.90	
67	30" RCP-CLASS IV	l.f.	\$98.30	
68	33" RCP-CLASS IV	l.f.	\$103.00	
69	36" RCP-CLASS IV	l.f.	\$126.00	
70	42" RCP-CLASS IV	l.f.	\$148.00	
71	48" RCP-CLASS IV	l.f.	\$169.00	
72	54" RCP-CLASS IV	l.f.	\$219.00	
73	60" RCP-CLASS IV	l.f.	\$243.00	
74	72" RCP-CLASS IV	l.f.	\$290.00	

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<b>Storm Drain Pipes</b>				
75	15" RCP-CLASS V	l.f.	\$50.30	
76	18" RCP-CLASS V	l.f.	\$57.00	
77	21" RCP-CLASS V	l.f.	\$62.00	
78	24" RCP-CLASS V	l.f.	\$75.90	
79	27" RCP-CLASS V	l.f.	\$82.80	
80	30" RCP-CLASS V	l.f.	\$98.30	
81	33" RCP-CLASS V	l.f.	\$105.00	
82	36" RCP-CLASS V	l.f.	\$135.00	
83	42" RCP-CLASS V	l.f.	\$151.00	
84	48" RCP-CLASS V	l.f.	\$180.00	
85	54" RCP-CLASS V	l.f.	\$228.00	
86	60" RCP-CLASS V	l.f.	\$255.00	
87	72" RCP-CLASS V	l.f.	\$303.00	
88	15" PVC (ULTRA RIB)	l.f.	\$41.50	
89	18" PVC(ULTRA RIB)	l.f.	\$44.60	
90	21" PVC(ULTRA RIB)	l.f.	\$51.80	
91	24" PVC(ULTRA RIB)	l.f.	\$63.70	
92	27" PVC(ULTRA RIB)	l.f.	\$77.70	
93	30" PVC(ULTRA RIB)	l.f.	\$94.90	
94	12" HDPE (SMOOTH INTERIOR)	l.f.	\$37.90	
95	15" HDPE (SMOOTH INTERIOR)	l.f.	\$41.50	
96	18" HDPE (SMOOTH INTERIOR)	l.f.	\$44.60	
97	24" HDPE (SMOOTH INTERIOR)	l.f.	\$55.10	
98	30" HDPE (SMOOTH INTERIOR)	l.f.	\$77.50	
99	36" HDPE (SMOOTH INTERIOR)	l.f.	\$104.00	
100	4" PVC SCHEDULE 40	l.f.	\$14.00	
101	6" PVC SCHEDULE 40	l.f.	\$15.60	
102	8" PVC SCHEDULE 40	l.f.	\$17.30	
103	10" PVC SCHEDULE	l.f.	\$20.40	
104	12" PVC SCHEDULE 40	l.f.	\$24.20	
<b>Storm Drain Inlets</b>		<b>unit</b>	<b>price</b>	<b>additional per vert. ft.</b>
105	5'	ea.	\$3,440.00	\$247.00
106	10'	ea.	\$5,170.00	\$264.00
107	15'	ea.	\$6,890.00	\$277.00
108	20'	ea.	\$7,770.00	\$298.00
109	slotted yard	ea.	\$1,440.00	\$193.00
110	E	ea.	\$1,440.00	\$193.00
111	S	ea.	\$1,440.00	\$189.00
112	Double S	ea.	\$2,190.00	\$225.00
113	S combination	ea.	\$2,190.00	\$189.00

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Item Number	Description	Unit	FY 2018	Remarks
	<b>Storm Drain Inlets</b>			<b>additional per vert. ft.</b>
114	Double S combination	ea.	2,870.00	\$225.00
115	Standard NR	ea.	2,190.00	\$189.00
116	Single WR	ea.	2,190.00	\$189.00
117	Standard WR	ea.	3,040.00	\$189.00
118	Standard WRM	ea.	4,650.00	\$225.00
	<b>Storm Drain Manholes</b>			
119	Drop	ea.	4,650.00	\$271.00
120	B	ea.	2,330.00	\$204.00
	<b>Headwalls</b>			
121	B,C,F	c.y.	1,070.00	
122	E,H	c.y.	1,040.00	
123	G	c.y.	694.00	
	<b>Rip-Rap</b>			
124	Class 1	c.y.	69.20	
125	Class 2	c.y.	103.00	
126	Class 3	c.y.	140.00	
	<b>Gabions</b>			
127	12'x3'x3'	ea.	1,030.00	
128	12'x3'x1'	ea.	477.00	
129	9'x3'x3'	ea.	710.00	
130	6'x3'x3'	ea.	477.00	
	<b>End Sections</b>			
131	15" concrete	ea.	169.00	
132	18" concrete	ea.	197.00	
133	21" concrete	ea.	227.00	
134	24" concrete	ea.	246.00	
135	30" concrete	ea.	345.00	
136	36" concrete	ea.	345.00	
137	48" concrete	ea.	692.00	
138	15" metal	ea.	183.00	
139	18" metal	ea.	216.00	
140	21" metal	ea.	415.00	
141	24" metal	ea.	482.00	
142	17"x13" metal	ea.	172.00	
143	18"x11"metal	ea.	197.00	
144	21"x15" metal	ea.	205.00	
145	24"x18" metal	ea.	227.00	
146	28"x20" metal	ea.	248.00	
147	35"x24" metal	ea.	338.00	
148	42"x29" metal	ea.	513.00	

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Item Number	Description	Unit	FY 2018	Remarks
<b>End Sections</b>				
149	49"x33" metal	ea.	\$864.00	
150	51"x38" metal	ea.	\$1,030.00	
<b>Grading</b>				
151	0% to 2.5% (disturbed area containing slopes of	ac.	\$6,030.00	
152	2.6% to 5.0% (disturbed area containing slopes	ac.	\$7,750.00	
153	> 5% (disturbed area containing slopes of )	ac.	\$9,530.00	
<b>Unit Prices for Review Fee for Grading</b>				
154	Cut	c.y.	\$3.46	outside of ROW
155	Fill	c.y.	\$3.46	outside of ROW
156	Borrow/spoil	c.y.	\$8.70	outside of ROW
157	Clear & grub	ac.	\$8,610.00	
158	Straw Bales	l.f.	\$5.10	
159	Silt Fence	l.f.	\$5.10	
160	Earth berm/dike	l.f.	\$3.46	
161	Sediment trap	ea.	\$859.00	
162	Stabilized construction entrance	ea.	\$1,260.00	
163	Safety fence	l.f.	\$5.10	
164	Miramat, curlex or equivalent	s.y.	\$4.30	
165	Filter cloth	s.y.	\$1.65	
166	Inlet protection	ea.	\$264.00	
167	Earth ditch	l.f.	\$6.60	
168	Seed, mulch, lime & fertilizer	s.y.	\$0.81	
<b>Water</b>				
169	1" corporation stop	ea.	\$138.00	installed
170	1½" corporation stop	ea.	\$172.00	installed
171	2" corporation stop	ea.	\$206.00	installed
172	1" curb stop with box	ea.	\$206.00	installed
173	1½" curb stop with box	ea.	\$277.00	installed
174	2" curb stop with box	ea.	\$345.00	installed
175	1" 'K' copper WHC	l.f.	\$17.20	installed
176	1½" 'K' copper WHC	l.f.	\$20.40	installed
177	2" 'K' copper WHC	l.f.	\$24.20	installed
178	3" main, DIP	l.f.	\$24.20	
179	4" main, DIP	l.f.	\$27.60	
180	6" main, DIP	l.f.	\$43.20	
181	8" main, DIP	l.f.	\$48.10	
182	10" main, DIP	l.f.	\$56.90	
183	12" main, DIP	l.f.	\$77.70	
184	16" main, DIP	l.f.	\$126.00	
185	20" main, DIP	l.f.	\$182.00	
186	3" valve and box	ea.	\$517.00	
187	4" valve and box	ea.	\$692.00	

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Item Number	Description	Unit	FY 2018	Remarks
188	6" valve and box	ea.	\$862.00	
189	8" valve and box	ea.	\$1,380.00	
190	10" valve and box	ea.	\$2,040.00	
191	12" valve and box	ea.	\$3,440.00	
192	16" precast valve and vault	ea.	\$10,340.00	
193	4" tapping sleeve & vault	ea.	\$1,890.00	installed
194	6" tapping sleeve & vault	ea.	\$2,760.00	installed
195	8" tapping sleeve & vault	ea.	\$3,790.00	installed
196	10" tapping sleeve & vault	ea.	\$4,810.00	installed
197	12" tapping sleeve & vault	ea.	\$6,550.00	installed
198	6" fire hydrant	ea.	\$2,590.00	installed
199	Bore and jack ( <= 24" casing with grout fill)	l.f.	\$260.00	
200	Concrete Encasement	c.y.	\$778.00	
201	Production well - 6"x8"	ea.	\$156,000.00	
202	Production well straight 8"	ea.	\$205,700.00	
203	Storage tanks	gal.	\$3.46	
204	Well building	s.f.	\$86.10	
205	Motor controls & chemical feeds	ea.	\$34,400.00	
206	Telemetry	ea.	\$28,390.00	
<b>Sanitary Sewer</b>				
207	4" cleanout assembly	v.f.	\$31.10	
208	6" cleanout assembly	v.f.	\$34.40	
209	4" service lateral, PVC	l.f.	\$31.10	
210	6" service lateral, PVC	l.f.	\$34.40	
211	8" gravity sewer, PVC	l.f.	\$41.50	
212	10" gravity sewer, PVC	l.f.	\$48.10	
213	12" gravity sewer, PVC	l.f.	\$60.20	
214	6" gravity/force sewer, DIP	l.f.	\$48.10	
215	8" gravity/force sewer, DIP	l.f.	\$56.90	
216	10" gravity/force sewer, DIP	l.f.	\$65.70	
217	12" gravity/force sewer, DIP	l.f.	\$86.10	
218	16" gravity/force sewer, DIP	l.f.	\$139.00	
219	20" gravity/force sewer, DIP	l.f.	\$192.00	
220	MH-4' dia., precast	v.f.	\$305.00	
221	MH-5' dia., precast	v.f.	\$393.00	
222	Standard frame and cover	ea.	\$347.00	
223	Water tight frame and cover	ea.	\$518.00	
224	Inside drop connection	ea.	\$862.00	
225	Kor-n-seal, tie-in to manhole	ea.	\$862.00	
226	Bore & jack (<= 24" casing with grout fill)	l.f.	\$260.00	
227	Concrete encasement	c.y.	\$778.00	
228	Pumping station (submersible/wet well mounted)	ea.	\$342,100.00	
229	Pumping station (wet/dry well)	ea.	\$428,700.00	