

2020 DEVELOPMENT CHARGE CREDITS

DC RATES FOR ROADWORKS

- ROADWORKS
- STORM SEWERS
- REMOVALS
- MISCELLANEOUS
- STREET TREE PLANTING

DC RATES FOR ELECTRICAL WORK

Roads - 2020 Roadworks DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Roadworks
ROADWORKS			
1	Earth Borrow	m3	\$ 5.55
2	Earth Excavation	m3	\$ 14.36
3	Superpave 12.5 - Roadway	t	\$ 122.41
4	Superpave 12.5 / HL-3 - Entrance	t	\$ 235.92
5	Superpave 19.0 - Roadway	t	\$ 103.15
6	Superpave 19.0 / HL-8 - Entrance	t	\$ 177.71
7	Tack Coat	m2	\$ 0.45
8	Crack Sealing (Routed)	m	\$ 5.22
9	Granular "A" - Roadway	m3	\$ 57.62
10	Granular "A" - Driveway	m3	\$ 73.72
11	Granular "B" - Roadway	m3	\$ 43.50
12	Concrete Curb & Gutter	m	\$ 64.97
13	Concrete Gutter Outlet	ea	\$ 512.35
14	Concrete Sidewalk	m2	\$ 77.37
15	Concrete Slab Raised Median	m2	\$ 71.09
16	Concrete Bus Shelter Pad	m2	\$ 183.17
17	Coloured Concrete	m2	\$ 106.05
STORM SEWERS			
18	150mm Pipe Subdrain with Geotextile	m	\$ 38.57
19	600mmx600mm Catch Basin - OPSD 705.010	ea	\$ 2,372.12
20	600mmx1450mm Twin Inlet Catch Basin - OPSD 705.020	ea	\$ 4,871.40
21	600mm x 600mm Ditch Inlet - OPSD 705.030	ea	\$ 3,495.58
22	600mm x 1200mm Ditch Inlet - OPSD 705.040	ea	\$ 5,596.81

Roads - 2020 Roadworks DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Roadworks
23	1200mm Maintenance Hole - OPSD 701.010	ea	\$ 3,995.88
24	1500mm Maintenance Hole - OPSD 701.011	ea	\$ 6,930.41
25	1800mm Maintenance Hole - OPSD 701.012	ea	\$ 12,505.30
26	2400mm Maintenance Hole - OPSD 701.013	ea	\$ 18,559.20
27	Adjust Maintenance Holes & Catch Basins	ea	\$ 545.25
28	Break into existing Maintenance Hole, Catch Basin or Sewer	ea	\$ 1,820.54
29	300mm PVC Storm Sewer - Granular Backfill	m	\$ 316.97
30	375mm PVC Storm Sewer - Granular Backfill	m	\$ 354.87
31	450mm PVC Storm Sewer - Granular Backfill	m	\$ 369.29
32	525mm PVC Storm Sewer - Granular Backfill	m	\$ 270.44
33	300mm Concrete Storm Sewer - Granular Backfill	m	\$ 306.45
34	375mm Concrete Storm Sewer - Granular Backfill	m	\$ 358.40
35	450mm Concrete Storm Sewer - Granular Backfill	m	\$ 484.38
36	525mm Concrete Storm Sewer - Granular Backfill	m	\$ 328.89
37	600mm Concrete Storm Sewer - Granular Backfill	m	\$ 378.19
38	675mm Concrete Storm Sewer - Granular Backfill	m	\$ 394.68
39	750mm Concrete Storm Sewer - Granular Backfill	m	\$ 461.42
40	825mm Concrete Storm Sewer - Granular Backfill	m	\$ 623.27
41	900mm Concrete Storm Sewer - Granular Backfill	m	\$ 655.38
42	1050mm Concrete Storm Sewer - Granular Backfill	m	\$ 1,093.92
43	1200mm Concrete Storm Sewer - Granular Backfill	m	\$ 1,420.94
44	500mm HDPE Pipe Culvert	m	\$ 361.89
45	800mm HDPE Pipe Culvert	m	\$ 788.65
46	500mm CSP Culvert	m	\$ 324.11

Roads - 2020 Roadworks DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Roadworks
REMOVALS			
47	Removal of Culverts & Sewers	m	\$ 47.03
48	Removal of Concrete Curb & Gutter	m	\$ 11.09
49	Removal of Concrete Sidewalk	m2	\$ 17.81
50	Removal of Catch Basins, Maintenance Holes, Ditch Inlets	ea	\$ 129.08
51	Removal of Pipe Subdrain	m	\$ 9.80
52	Removal of Asphalt - Full Depth	m2	\$ 6.33
53	Removal of Asphalt - Partial Depth 50mm	m2	\$ 4.97
54	Removal of Rip Rap	m2	\$ 7.73
55	Removal of Steel Beam Guide Rail	m	\$ 26.39
56	Removal of Cable Guide Rail	m	\$ 22.39
57	Removal of Anchor Blocks for Cable Guide Rail	ea	\$ 905.67
58	Removal of Median Island	m2	\$ 6.10
59	Removal of Fence	m	\$ 7.14
MISCELLANEOUS			
60	Chain Link Fence	m	\$ 142.62
61	Steel Beam Guide Rail	m	\$ 224.46
62	Guide Rail End Treatment - SoftStop Terminal System	ea	\$ 6,601.77
63	Saw Cut Asphalt	m	\$ 7.27
64	Construction Step Joint	m	\$ 21.79
65	Unshrinkable Fill	m3	\$ 145.85
66	Topsoil (Imported)	m3	\$ 32.70
67	Sodding	m2	\$ 5.69
68	Rip Rap Stone with Geotextile	m2	\$ 61.90

Roads - 2020 Roadworks DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Roadworks
69	* Silt Fence	m	\$ 18.32
70	* Filter Sock Fibre Rolls - 600mm dia.	m	\$ 38.10
71	* Tree Protection Fence	m	\$ 13.88
72	* Filter Sock Fiber Roll Check Dams – 600mm dia.	ea	\$ 308.27
73	* Rock Flow Check Dams	ea	\$ 508.80
74	Maintenance of Traffic Both Directions with Signals	% of Const.	2.51%
STREET TREE PLANTING			
75	Deciduous Street Tree Planting, 50mm Wire Basket (WB)	ea	\$ 523.88
76	Coniferous Street Tree Planting, 150cm Wire Basket (WB)	ea	\$ 439.09

* DC credit for permanent installation or duration over 1 year

Roads - 2020 Electrical DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Electrical
1	Supply & Install 25mm Dia. Rigid PVC Conduit by Open Cut	m	\$ 72.87
2	Supply & Install 38mm Dia. Rigid PVC Conduit by Open Cut	m	\$ 68.82
3	Supply & Install 50mm Dia. Rigid PVC Conduit by Open Cut	m	\$ 70.59
4	Supply & Install 75mm Dia. Rigid PVC Conduit by Open Cut	m	\$ 70.97
5	Supply & Install 100mm Dia. Rigid PVC Conduit by Open Cut	m	\$ 82.02
6	Supply & Install 100mm Dia. Coilable High Density PE Conduit by Directional Bore	m	\$ 177.31
7	Supply and Install Rigid PVC Junction Box on Wood Pole	ea	\$ 99.81
8	Supply & Install Rigid PVC Conduit for Mounting on Wood Poles	ea	\$ 405.96
9	Construct 300mm Dia. Concrete Handwell	ea	\$ 585.95
10	Construct 450mm Dia. Concrete Handwell	ea	\$ 774.52
11	Construct 675mm Dia. Precast Concrete Handwell	ea	\$ 1,390.77
12	Adjust Existing 450 mm Dia. Concrete Handwell	ea	\$ 702.23
13	Break Into Existing Conduit & Construct 450mm Dia. Concrete Handwell	ea	\$ 723.78
14	Break into Existing Conduit and Supply and Install 675 mm Dia. Concrete Handwell	ea	\$ 1,428.94
15	Adjust Existing Electrical Maintenance Hole	ea	\$ 647.12
16	Supply & Install Delineators	ea	\$ 269.92
17	Construct 300mm Dia. Concrete Pole Base with Anchorage Assembly	ea	\$ 1,303.45
18	Construct 600mm Dia. Concrete Pole Base with Anchorage Assembly	ea	\$ 1,761.07
19	Construct 762mm Dia. Concrete Pole Base with Anchorage Assembly	ea	\$ 1,939.47
20	Construct Cut-Out For Future Traffic Signal Pole in Median Island	ea	\$ 462.43
21	Construct Concrete Pad for Base Mounted Controller	ea	\$ 2,130.18
22	Supply & Install 3.7m Octagonal Steel Pedestrian Signal Pole	ea	\$ 774.76
23	Supply & Install 3.8m Sectional Steel Pedestrian Signal Pole	ea	\$ 1,085.56
24	Supply & Install 1.5m Pedestrian Pushbutton Pole	ea	\$ 556.62
25	Supply & Install 6.1m Octagonal Steel Traffic Signal Pole	ea	\$ 1,104.26

Roads - 2020 Electrical DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Electrical
26	Supply & Install 7.3m Octagonal Steel Traffic Signal Pole	ea	\$ 1,840.85
27	Supply & Install 9.1m Octagonal Steel Combination Traffic Signal/Luminaire Pole	ea	\$ 1,160.25
28	Supply & Install 10.7m Octagonal Steel Combination Traffic Signal/Luminaire Pole	ea	\$ 1,413.43
29	Supply & Install 12.2m Octagonal Steel Luminaire Pole	ea	\$ 2,327.27
30	Supply & Install 7.0m Sectional Steel Traffic Signal Pole	ea	\$ 1,979.41
31	Supply & Install 8.71m Sectional Steel Combination Traffic Signal/Luminaire Pole	ea	\$ 2,263.83
32	Supply & Install 10.5m Sectional Steel Combination Traffic Signal/Luminaire Pole	ea	\$ 2,259.08
33	Supply & Install Wood Traffic Signal Pole	ea	\$ 1,587.36
34	Install Wood Traffic Signal Pole	ea	\$ 502.52
35	Supply and Install Temporary Traffic Signal Stand	ea	\$ 497.46
36	Relocate Existing Poles Complete with All Existing Electrical Equipment	ea	\$ 974.87
37	Install Cantilever Sign Assembly For Dual Left Turn Lanes (Type 2)	ea	\$ 3,581.10
38	Supply & Install Aluminum Traffic Signal Mast Arm	ea	\$ 740.03
39	Supply & Install Vertical Brackets	each set	\$ 224.36
40	Supply & Install Yellow/Grey Backed Highway Type LED Traffic Signal Head Reflectorized	ea	\$ 793.53
41	Supply & Install Yellow/Grey Backed Highway Type LED Traffic Signal Head (all 300 mm lenses) Reflectorized	ea	\$ 727.45
42	Supply & Install Yellow/Grey Backed Special Type No. 2 LED Traffic Signal Head Reflectorized	ea	\$ 852.89
43	Supply & Install Yellow/Grey Backed Special Type No. 9 LED Traffic Signal Head Reflectorized	ea	\$ 883.18
44	Supply & Install Yellow/Grey Backed Special Type No. 9A LED Traffic Signal Head (all 300 mm lenses) Reflectorized	ea	\$ 883.93
45	Supply & Install Traffic Signal Head Suspension Clamps (Top and Bottom)	each set	\$ 227.30
46	Supply & Install Mast Extension	ea	\$ 448.97
47	Supply & Install 2-Way Plumbizer Mast Arm Bracket	ea	\$ 316.22
48	Supply & Install Adjustable Plumbizer	ea	\$ 208.20
49	Supply & Install LED Countdown Display Pedestrian Signal Head	ea	\$ 638.44
50	Supply & Install Pedestrian Pushbuttons	ea	\$ 313.49

Roads - 2020 Electrical DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Electrical
51	Supply & Install Accessible Pedestrian Signal Station	ea	\$ 991.31
52	Supply & Install a 2 Wire Central Control Unit for Accessible Pedestrian Signal Station	ea	\$ 5,658.26
53	Supply & Install Accessible Pedestrian Signal Station Cable	m	\$ 4.10
54	Set-up and Modifications for Accessible Pedestrian Signals	ea	\$ 625.01
55	Supply & Install Econolite Traffic Signal Controller Complete With Accessory Equipment (8-Phase Base Mount)	ea	\$ 19,941.73
56	Relocate Existing Traffic Signal Controller Complete With Accessory Equipment (8-Phase Base Mount)	ea	\$ 3,724.08
57	Supply & Install Aluminum Luminaire Mast Arm	ea	\$ 380.16
58	Supply and Install LED Luminaire	ea	\$ 1,248.35
59	Supply & Install 200 Watt High Pressure Sodium Luminaire	ea	\$ 530.55
60	Supply & Install 250 Watt High Pressure Sodium Luminaire	ea	\$ 559.90
61	Supply & Install 400 Watt High Pressure Sodium Flat Glass Luminaire c/w 200 Watt High Pressure Sodium Lamp	ea	\$ 522.68
62	Supply & Install 400 Watt High Pressure Sodium Flat Glass Luminaire c/w 250 Watt High Pressure Sodium Lamp	ea	\$ 522.68
63	Relocate Existing Luminaire Mast Arm and 200 Watt High Pressure Sodium Luminaire	ea	\$ 346.78
64	Supply & Install Wire Inductive Loop including Lead-in	m	\$ 41.01
65	Supply and Install Ducted Preformed Loop Detector	m	\$ 66.66
66	Supply & Install Buried Home Run Cable for Wire Inductive Loop	m	\$ 5.40
67	Supply & Install Cable Splicing Kit	ea	\$ 146.84
68	Supply & Install Suspension and Stabilizing Cable	m	\$ 14.10
69	Supply & Install Aerial Traffic Signal Cable	m	\$ 12.39
70	Supply & Install Buried Traffic Signal Cable	m	\$ 13.07
71	Supply & Install Aerial Extra Low Voltage Cable for Pedestrian Pushbutton	m	\$ 4.70
72	Supply & Install Buried Extra Low Voltage Cable for Pedestrian Pushbutton	m	\$ 5.63
73	Supply & Install Aerial Luminaire Wire	m	\$ 12.23
74	Supply & Install Buried Luminaire Wire	m	\$ 5.45
75	Supply & Install Aerial Ground Wire	m	\$ 17.77

Roads - 2020 Electrical DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Electrical
76	Supply & Install Buried Ground Wire	m	\$ 6.69
77	Supply & Install Ground Rod	ea	\$ 192.15
78	Supply & Install Wire for Power Supply	m	\$ 9.68
79	Supply & Install Equipment for Power Supply	ea	\$ 2,379.58
80	Supply & Install Strut Guy	ea	\$ 617.07
81	Supply & Install Pole Guy	ea	\$ 566.52
82	Supply, Install & Activate a Two-Channel Phase Selector	ea	\$ 3,418.43
83	Supply, Install & Activate a Four-Channel Multimode Phase Selector	ea	\$ 4,734.40
84	Supply, Install & Activate an Optical Pre-Emption Detector	ea	\$ 1,850.41
85	Supply, Install & Activate an Auxiliary Interface Panel Complete with an Auxiliary Interface Panel Cable	ea	\$ 672.42
86	Supply, Install & Activate Overhead Detector System	each inter.	\$ 11,405.33
87	Relocate & Activate Optical Pre-emption Detectors	ea	\$ 551.65
88	Supply & Install Optical Pre-Emption Detector Cable	m	\$ 6.94
89	Relocate Existing CCTV Camera	ea	\$ 257.50
90	Reinstall Salvaged Road/Street Name Sign on Traffic Signal Mast Arm	ea	\$ 240.34
91	Modify & Reinstall Salvaged Road/Street Name Sign on Span Wire	ea	\$ 458.81
92	Remove & Salvage (Existing or Temporary) Traffic Control Signal & Illumination Equipment	each inter.	\$ 5,259.23
93	Remove & Dispose of (Existing or Temporary) Traffic Control Signal & Illumination Equipment	each inter.	\$ 4,156.68
94	Permanent Durable Pavement Markings	m	\$ 5.40
95	Permanent Durable Pavement Markings – Inlaid Crosswalk Lines	m	\$ 17.40
96	Permanent Durable Pavement Markings – Inlaid Intersection Stop Lines	m	\$ 50.28
97	Permanent Durable Pavement Markings – Zebra Markings	m	\$ 46.06
98	Permanent Durable Pavement Markings – Symbols	ea	\$ 153.09
99	Permanent Durable Pavement Markings - Elephant Feet	ea	\$ 5.50
100	Permanent Aggregate Reinforced Thermoplastic System	m2	\$ 191.71

Roads - 2020 Electrical DC Rates

Item No.	Item Descriptions	Unit	2020 DC Rates - Electrical
101	Pavement Markings – Obliterating	m	\$ 5.59
102	Permanent Roadway Signing	L.S.	\$ 168.50
103	Supply & Install Tactile Walking Surface Indicators for Concrete Sidewalk Ramps	ea	\$ 355.02
104	Removal of Concrete Curb and Gutter	m	see roads rate
105	Removal of Concrete Sidewalk	m2	see roads rate
106	Construct Concrete Sidewalk	m2	see roads rate
107	Construct Concrete Curb & Gutter	m	see roads rate