

New Road  
11.0m Asphalt  
23m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>CONSTRUCTION</b>				
Granular A - 150 mm	sq. m.	\$5.35	\$69.53	
Granular B - 300 mm	sq. m.	\$7.35	\$95.54	
Concrete Curb and Gutter	m.	\$44.67	\$89.34	
100 mm Diameter PE Subdrain	m.	\$11.03	\$22.06	
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$84.23	
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$161.26	
Tack Coat	sq. m.	\$0.66	\$7.27	
Concrete Sidewalk	sq. m.	\$47.96	\$143.89	1.5 metre wide sidewalk, both sides of the road
Fine Grading, Topsoil & Sod	sq. m.	\$5.45	\$43.56	Width of blvd = ROW-asphalt width- curb width - sidewalk both sides
250 mm PVC DR 35 Sanitary Sewer	m.	\$157.62	\$157.62	
1200 mm Sanitary MH	each	\$3,167.97	\$35.20	1 sanitary mh every 90 metres
200 mm Sanitary Lateral	each	\$1,500.00	\$30.00	1 lateral every 100m both sides of the road
600mm Diameter Storm Sewer, Flexible	m.	\$193.58	\$164.54	85% of section requires storm sewer
1200mm Diameter Precast Maintenance Hole	each	\$2,679.55	\$29.77	1 mh every 90 metres
Precast Catch Basin -Single	each	\$2,235.74	\$49.68	2 catchbasins every 90 metres
250mm Diameter Catch Basin Lead, Flexible	m.	\$121.78	\$2.71	2 catchbasins every 90 metres
300mm Diameter Storm Lateral	m.	\$208.73	\$4.64	2 every 90 metres
Adjust Existing MH and CB to finished grade	each	\$285.76	\$9.53	1 mh, 2 cbs every 90 metres
300mm Dia Watermain PVC Class 150	m.	\$218.36	\$218.36	
Install New Fire Hydrant	each	\$2,723.71	\$30.26	1 hydrant every 90 metres
300mm Diameter Gate Valves	each	\$1,691.18	\$28.19	3 valves every 180 metres
50mm long side service - 300 mm watermain	each	\$1,938.03	\$21.53	1 long service every 90 metres
50mm short side service - 300 mm watermain	each	\$1,806.27	\$20.07	1 short service every 90 metres
150mm Fire Flow Service - 300 mm watermain	each	\$4,053.50	\$90.08	2 Fire Flow Service Every 90 metres

**Average Cost of Construction for 11.0m asphalt road on a 23.0m ROW** \$1,608.86

**MISCELLANEOUS**

Bonds as a percentage of net tender amount		1.11%	\$17.78	
Insurance as a percentage of net tender amount		0.71%	\$11.43	
Field Office as a percentage of net tender amount		0.20%	\$3.20	
Schedule of Work	L. S.	\$1,016.13	\$1.61	0.1% of net cost
Street Lights	each	\$1,000.00	\$18.87	spacing 53m

**Average Cost of Miscellaneous Items for 11.0m asphalt road on a 23.0m ROW** \$52.89

**\$1,661.75 New construction per metre**  
**± \$1,650.00**

New Road  
14.0m Asphalt  
26m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>CONSTRUCTION</b>				
Granular A - 150 mm	sq. m.	\$5.35	\$90.93	
Granular B - 300 mm	sq. m.	\$7.35	\$117.59	
Concrete Curb and Gutter	m.	\$44.67	\$89.34	
100 mm Diameter PE Subdrain	m.	\$11.03	\$22.06	
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$107.20	
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$205.24	
Tack Coat	sq. m.	\$0.66	\$9.25	
Concrete Sidewalk	sq. m.	\$47.96	\$143.89	1.5 metre wide sidewalk, both sides of the road
Fine Grading, Topsoil & Sod	sq. m.	\$5.45	\$32.67	Width of blvd = ROW-asphalt width- curb width - sidewalk both sides
250 mm PVC DR 35 Sanitary Sewer	m.	\$157.62	\$157.62	
1200 mm Sanitary MH	each	\$3,167.97	\$35.20	1 sanitary mh every 90 metres
200 mm Sanitary Lateral	each	\$1,500.00	\$30.00	1 lateral every 100m both sides of the road
Adjust EX MH Frame and Grate to Finished Grade	each	\$278.67	\$3.10	1 sanitary mh every 90 metres
600mm Diameter Storm Sewer, Flexible	m.	\$193.58	\$164.54	85% of section requires storm sewer
1200mm Diameter Precast Maintenance Hole	each	\$2,679.55	\$29.77	1 mh every 90 metres
Precast Catch Basin -Single	each	\$2,235.74	\$49.68	2 catchbasins every 90 metres
250mm Diameter Catch Basin Lead, Flexible	m.	\$121.78	\$2.71	2 catchbasins every 90 metres
300mm Diameter Storm Lateral	m.	\$208.73	\$4.64	2 every 90 metres
Adjust Existing MH and CB to finished grade	each	\$285.76	\$9.53	1 mh, 2 cbs every 90 metres
300mm Dia Watermain PVC Class 150	m.	\$218.36	\$218.36	
Install New Fire Hydrant	each	\$2,723.71	\$30.26	1 hydrant every 90 metres
300mm Diameter Gate Valves	each	\$1,691.18	\$28.19	3 valves every 180 metres
50mm long side service - 300 mm watermain	each	\$1,938.03	\$21.53	1 long service every 90 metres
50mm short side service - 300 mm watermain	each	\$1,806.27	\$20.07	1 short service every 90 metres
150mm Fire Flow Service - 300 mm watermain	each	\$4,053.50	\$90.08	2 Fire Flow Service Every 90 metres
Asphalt Blvd. - 50mm Asph. Gran. A	sq. m.	\$24.00	\$48.00	

**Average Cost of Construction for 14.0m asphalt road on a 26.0m ROW**      \$1,761.44

**MISCELLANEOUS**

Bonds as a percentage of net tender amount		1.11%	\$19.46	
Insurance as a percentage of net tender amount		0.71%	\$12.52	
Field Office as a percentage of net tender amount		0.20%	\$3.50	
Schedule of Work	L. S.	\$1,016.13	\$1.76	0.1% of net cost
Street Lights	each	\$1,000.00	\$17.24	spacing 58m

**Average Cost of Miscellaneous Items for 14.0m asphalt road on a 26.0m ROW**      \$54.49

**\$1,815.93 New construction per metre**  
**± \$1,800.00**

New Road  
18.0m Asphalt  
30m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>CONSTRUCTION</b>				
Granular A - 150 mm	sq. m.	\$5.35	\$112.32	
Granular B - 300 mm	sq. m.	\$7.35	\$146.99	
Concrete Curb and Gutter	m.	\$44.67	\$89.34	
100 mm Diameter PE Subdrain	m.	\$11.03	\$22.06	
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$137.82	
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$263.88	
Tack Coat	sq. m.	\$0.66	\$11.89	
Concrete Sidewalk	sq. m.	\$47.96	\$143.89	1.5 metre wide sidewalk, both sides of the road
Fine Grading, Topsoil & Sod	sq. m.	\$5.45	\$32.67	Width of blvd = ROW-asphalt width- curb width - sidewalk both sides
250 mm PVC DR 35 Sanitary Sewer	m.	\$157.62	\$157.62	
1200 mm Sanitary MH	each	\$3,167.97	\$35.20	1 sanitary mh every 90 metres
200 mm Sanitary Lateral	each	\$1,500.00	\$30.00	1 lateral every 100m both sides of the road
600mm Diameter Storm Sewer, Flexible	m.	\$193.58	\$164.54	85% of section requires storm sewer
1200mm Diameter Precast Maintenance Hole	each	\$2,679.55	\$29.77	1 mh every 90 metres
Precast Catch Basin -Single	each	\$2,235.74	\$49.68	2 catchbasins every 90 metres
250mm Diameter Catch Basin Lead, Flexible	m.	\$121.78	\$2.71	2 catchbasins every 90 metres
300mm Diameter Storm Lateral	m.	\$208.73	\$4.64	2 every 90 metres
Adjust Existing MH and CB to finished grade	each	\$285.76	\$9.53	1 mh, 2 cbs every 90 metres
300mm Dia Watermain PVC Class 150	m.	\$218.36	\$218.36	
Install New Fire Hydrant	each	\$2,723.71	\$30.26	1 hydrant every 90 metres
300mm Diameter Gate Valves	each	\$1,691.18	\$28.19	3 valves every 180 metres
50mm long side service - 300 mm watermain	each	\$1,938.03	\$21.53	1 long service every 90 metres
50mm short side service - 300 mm watermain	each	\$1,806.27	\$20.07	1 short service every 90 metres
150mm Fire Flow Service - 300 mm watermain	each	\$4,053.50	\$90.08	2 Fire Flow Service Every 90 metres
Asphalt Blvd. - 50mm Asph. Gran. A	sq. m.	\$24.00	\$48.00	

**Average Cost of Construction for 18.0m asphalt road on a 30.0m ROW**      \$1,901.05

**MISCELLANEOUS**

Bonds as a percentage of net tender amount		1.11%	\$21.01	
Insurance as a percentage of net tender amount		0.71%	\$13.51	
Field Office as a percentage of net tender amount		0.20%	\$3.78	
Schedule of Work	L. S.	\$1,016.13	\$1.90	0.1% of net cost
Street Lights	each	\$1,000.00	\$17.24	spacing 58m

**Average Cost of Miscellaneous Items for 18.0m asphalt road on a 30.0m ROW**      \$57.44

**\$1,958.49 New construction per metre**  
**± \$1,950.00**

Road Widening  
Widen Existing 11m Road to 14m  
26m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>REMOVALS</b>				
Remove Existing Asphalt	sq.m.	\$4.06	\$2.03	0.5m
Remove Concrete Curb and Gutter	m.	\$9.39	\$18.78	
Earth Excavation	cu. m.	\$10.26	\$16.16	3.5m x 0.45m
Remove Ex Catch basin	each	\$194.11	\$4.31	2 catchbasins every 90 metres
Remove Existing Concrete Sidewalk	sq. m.	\$8.58	\$25.73	1.5 metre wide sidewalk, both sides of the road
Stripping of Topsoil	sq. m.	\$1.80	\$14.38	
Remove Ex Hydrant	each	\$295.62	\$3.28	1 hydrant every 90 metres

**Average Cost of Removals**      \$84.67

<b>CONSTRUCTION</b>				
Granular A - 150 mm	sq. m.	\$5.35	\$18.72	3.5m
Granular B - 300 mm	sq. m.	\$7.35	\$25.72	3.5m
Concrete Curb and Gutter	m.	\$44.67	\$89.34	New Concrete Curb Both Sides
100 mm Diameter PE Subdrain	m.	\$11.03	\$22.06	
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$26.80	3.5m
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$51.31	3.5m
Tack Coat	sq. m.	\$0.66	\$2.31	3.5m
Concrete Sidewalk	sq. m.	\$47.96	\$143.89	1.5 metre wide sidewalk, both sides of the road
Fine Grading, Topsoil & Sod	sq. m.	\$5.45	\$43.56	Width of blvd = ROW-asphalt width- curb width - sidewalk both sides
Precast Catch Basin -Single	each	\$2,235.74	\$49.68	2 catchbasins every 90 metres
250mm Diameter Catch Basin Lead, Flexible	m.	\$121.78	\$2.71	2 catchbasins every 90 metres
Install New Fire Hydrant	each	\$2,723.71	\$30.26	1 hydrant every 90 metres

**Average Cost of Construction**      \$506.37

<b>MISCELLANEOUS</b>				
Bonds as a percentage of net tender amount		1.11%	\$5.60	
Insurance as a percentage of net tender amount		0.71%	\$3.60	
Field Office as a percentage of net tender amount		0.20%	\$1.01	
Schedule of Work	L. S.	\$1,016.13	\$0.51	0.1% of net cost
Street Lights	each	\$1,000.00	\$23.81	spacing 42m
Asphalt Driveway Removal and Restoration	sq. m.	\$24.77	\$39.64	20%of blvd is driveway 4m driveway regrading

**Average Cost of Miscellaneous Items**      \$74.16

**\$665.20 Road Widening Construction Cost Per Metre**  
**± \$650.00**

Road Widening  
Widen Existing 11m Road to 18m  
26m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>REMOVALS</b>				
Remove Existing Asphalt	sq.m.	\$4.06	\$2.03	0.5m
Remove Concrete Curb and Gutter	m.	\$9.39	\$18.78	
Earth Excavation	cu. m.	\$10.26	\$34.63	7.5m x 0.45m
Remove Ex Catch basin	each	\$194.11	\$4.31	2 catchbasins every 90 metres
Remove Existing Concrete Sidewalk	sq. m.	\$8.58	\$25.73	1.5 metre wide sidewalk, both sides of the road
Stripping of Topsoil	sq. m.	\$1.80	\$7.19	
Remove Ex Hydrant	each	\$295.62	\$3.28	1 hydrant every 90 metres

**Average Cost of Removals**      \$95.95

<b>CONSTRUCTION</b>				
Granular A - 150 mm	sq. m.	\$5.35	\$40.12	7.5m
Granular B - 300 mm	sq. m.	\$7.35	\$55.12	7.5m
Concrete Curb and Gutter	m.	\$44.67	\$89.34	New Concrete Curb Both Sides
100 mm Diameter PE Subdrain	m.	\$11.03	\$22.06	
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$57.43	7.5m
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$109.95	7.5m
Tack Coat	sq. m.	\$0.66	\$4.95	7.5m
Concrete Sidewalk	sq. m.	\$47.96	\$143.89	1.5 metre wide sidewalk, both sides of the road
Fine Grading, Topsoil & Sod	sq. m.	\$5.45	\$21.78	Width of blvd = ROW-asphalt width- curb width - sidewalk both sides
Precast Catch Basin -Single	each	\$2,235.74	\$49.68	2 catchbasins every 90 metres
250mm Diameter Catch Basin Lead, Flexible	m.	\$121.78	\$2.71	2 catchbasins every 90 metres
Install New Fire Hydrant	each	\$2,723.71	\$30.26	1 hydrant every 90 metres

**Average Cost of Construction**      \$627.29

<b>MISCELLANEOUS</b>				
Bonds as a percentage of net tender amount		1.11%	\$6.93	
Insurance as a percentage of net tender amount		0.71%	\$4.46	
Field Office as a percentage of net tender amount		0.20%	\$1.25	
Schedule of Work	L. S.	\$1,016.13	\$0.63	0.1% of net cost
Street Lights	each	\$1,000.00	\$23.81	spacing 42m
Asphalt Driveway Removal and Restoration	sq. m.	\$24.77	\$59.46	20%of blvd is driveway 6m driveway regrading

**Average Cost of Miscellaneous Items**      \$96.53

**\$819.78 Road Widening Construction Cost Per Metre**  
**± \$800.00**

Road Widening  
Widen Proposed 11m Road to 18m  
30m ROW

	Unit	Average Unit Price	Price per metre	Assumptions
<b>CONSTRUCTION</b>				
Earth Excavation	cu. m.	\$10.26	\$32.32	7.0m x 0.45m
Granular A - 150 mm	sq. m.	\$5.35	\$37.44	7.0m
Granular B - 300 mm	sq. m.	\$7.35	\$51.45	7.0m
HL3 Asphalt - 40 mm	sq. m.	\$7.66	\$53.60	7.0m
HL 4 or HL 8 Hot Mix or Recycled - 100 mm	sq. m.	\$14.66	\$102.62	7.0m
Tack Coat	sq. m.	\$0.66	\$4.62	7.0m
<b>Average Cost of Construction</b>			\$282.05	
<b>MISCELLANEOUS</b>				
Bonds as a percentage of net tender amount		1.11%	\$3.12	
Insurance as a percentage of net tender amount		0.71%	\$2.00	
Field Office as a percentage of net tender amount		0.20%	\$0.56	
Schedule of Work	L. S.	\$1,016.13	\$0.28	0.1% of net cost
<b>Average Cost of Miscellaneous Items</b>			\$5.96	

**\$288.02 Road Widening Construction Cost Per Metre**  
**± \$300.00**