

Unit Price Averages Reports

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Note:

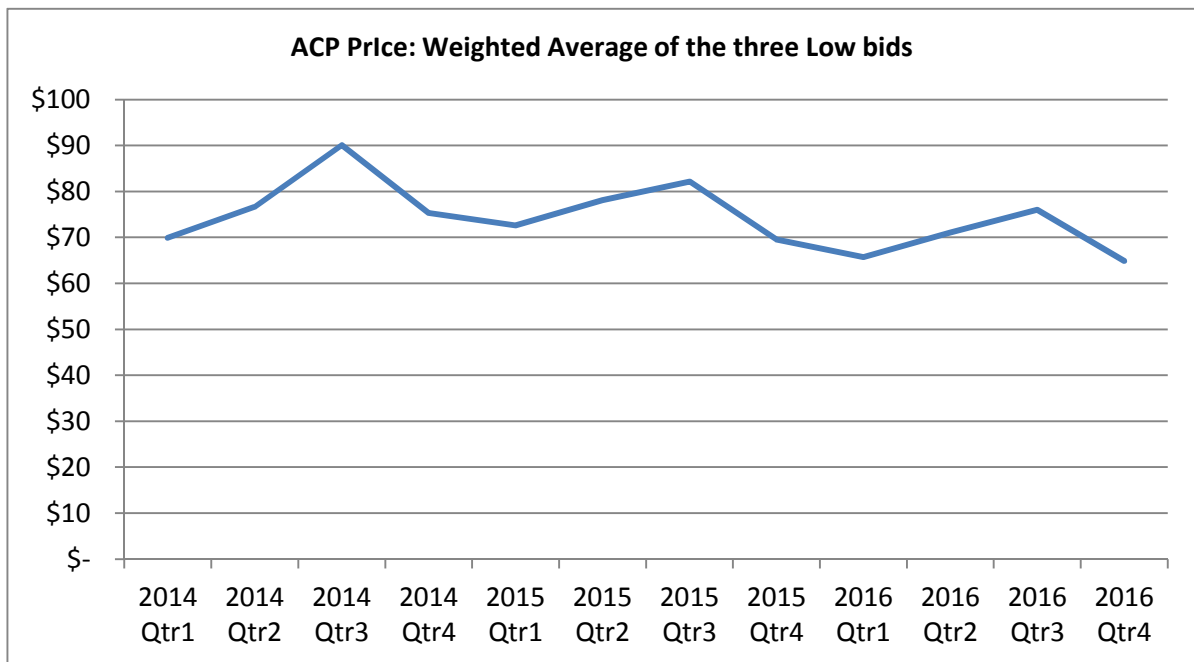
1 The UPA presented in this report are based on the cumulative average of the unit prices from the three lowest bids received. The unit price averages are weighted by bid quantity.

2 The Cost is based on an average haul distance from various projects in the province. The 3 year weighted haul distance for projects in 2015-2017 is 51 km. Based on the project location adjustment may be needed to prepare an accurate estimate for ACP and GBC.

3 Refer to the link to Bridge website for detailed information related to Bridge Project Cost Estimates.
<http://www.transportation.alberta.ca/4753.htm>

4 In year 2016, low bid price was Asphalt was on average 4% less than the average of three low bids provided in UPA.

5 Asphalt Prices in the last three (provincial average) years have shown a downward trend as shown below:



Content

- 1 Provincial 2017 Unit Price Averages (UPA) data
- 2 Provincial 2016 UPA data
- 3 Comparison of Provincial 2015-17 UPA data
- 4 Regional Data (2016 Data is provided. 2017 data is not available yet)
- 5 Bridge UPA (updated June 2016)

PROVINCIAL, Weighted Unit Price Averages
Based on 2017 Construction Prices
tendered between August 01, 2016 and Nov 30, 2016

Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
B100	Subgrade Excavation	5	\$304,635	20,745	m3	\$14.68
B152	Granular Fill (Pit-run) - Des. 6	3	\$321,019	23,230	t	\$13.82
B153	Granular Fill - Des. 2	5	\$236,671	13,330	t	\$17.75
B172	Granular Fill (Pit-run) - Des. 6	1	\$89,000	890	m3	\$100.00
B180	Preparing Subgrade Surface (First Layer)	6	\$135,614	593,660	m2	\$0.23
B181	Preparing Subgrade Surface (Second Layer)	1	\$3,238	2,280	m2	\$1.42
B282	Granular Base Course - Des. 2 Cl. 25	5	\$7,476,409	522,400	t	\$14.31
D100	Culverts - Remove and Dispose (C.S.P.) (up to 7	5	\$36,635	447	m	\$82.05
D105	Culverts - Remove and Dispose (C.S.P.) (over 70	6	\$52,777	406	m	\$129.99
D200	Granular Backfill - Culverts	1	\$56,874	2,810	m3	\$20.24
D410	Culverts - Supply and Install (600 mm dia. C.S.P.	6	\$409,086	1,489	m	\$274.74
D425	Culverts - Supply and Install (800 mm dia. C.S.P.	5	\$130,941	377	m	\$347.32
D430	Culverts - Supply and Install (900 mm dia. C.S.P.	4	\$244,400	631	m	\$387.32
D431	Culverts - Supply and Install (1000 mm dia. C.S.P.	2	\$43,553	73	m	\$596.61
D435	Culverts - Supply and Install (1200 mm dia. C.S.P.	1	\$67,500	45	m	\$1,500.00
D440	Culverts - Supply and Install (600 mm dia. C.P.P.	1	\$9,785	20	m	\$489.26
D607	Filter Material	2	\$68,484	725	m3	\$94.46
D615	Perforated Pipe	2	\$58,805	340	m	\$172.96
D620	Non-Perforated Pipe - Supply and Install	1	\$15,000	40	m	\$375.00
D850	Culvert Liner - Supply and Install (S.W.S.P.) (mn	2	\$570,233	821	m	\$694.56
E003	Misc. Environmental Work	1	\$7,334	80	plantings	\$91.67
E325	Gabion Baskets - Supply and Install	1	\$396,986	1,638	m3	\$242.36
E331	Gabion Mattress - Supply and Install	1	\$423,176	5,200	m2	\$81.38
E435	Geotextile Fence Barrier - Ditch	6	\$24,998	1,477	m	\$16.92
E452	Geotextile - Nonwoven (Supply and Install)	2	\$9,870	2,150	m2	\$4.59
E453	Geogrid - Supply and Install	2	\$63,030	20,000	m2	\$3.15
E505	Soil Covering (Medium Flow)	3	\$65,428	6,950	m2	\$9.41
E510	Soil Covering (High Flow)	2	\$6,125	880	m2	\$6.96
E608	Broad-Cast Seeding	4	\$102,493	159	ha	\$642.99
E609	Hydro-Seeding	2	\$11,033	0	ha	\$27,583.33
E610	Slope Texturing	2	\$5,916	3,300	m2	\$1.79
F169	Haul of Bridge Materials	1	\$14,592	1	t.km	\$14,592.42
F500	Heavy Rock RipRap (Class 1)	8	\$1,035,065	1,874	m3	\$552.33
F515	Heavy Rock RipRap (Class 2)	1	\$321,132	940	m3	\$341.63
F525	Heavy Rock RipRap (Class 3)	2	\$381,831	1,365	m3	\$279.73
F812	Supply of Piling - H-Pile	3	\$176,164	1,388	m	\$126.92
F816	Pile Set-up	3	\$370,504	64	piles	\$5,789.12
F818	Pile Driving	3	\$93,853	1,476	m	\$63.59
F834	Concrete - Class C	3	\$194,825	119	m3	\$1,637.18
F841	Concrete - Class HPC	3	\$886,793	445	m3	\$1,992.79
F850	Plain Reinforcing Steel - Supply	3	\$18,167	16,589	kg	\$1.10
F854	Reinforcing Steel - Place	3	\$106,206	76,977	kg	\$1.38
F974	Deck Waterproofing	2	\$76,272	1,112	m2	\$68.59
F980	Asphalt Concrete Pavement - Mix Type H2 (150	4	\$111,594	304	t	\$367.09
G100	Clearing	3	\$46,668	9	ha	\$5,490.32
G220	Channel Excavation	4	\$91,531	11,093	m3	\$8.25
G225	Common Excavation	6	\$8,040,990	1,789,460	m3	\$4.49
G230	Borrow Topsoil Excavation	1	\$151,981	36,100	m3	\$4.21

PROVINCIAL, Weighted Unit Price Averages
Based on 2017 Construction Prices
tendered between August 01, 2016 and Nov 30, 2016

Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
G235	Borrow Excavation	1	\$1,902,560	368,000	m3	\$5.17
G236	Borrow Excavation - Contractor's Supply	4	\$783,570	27,260	m3	\$28.74
G239	Overhaul	1	\$1,016,246	2,162,225	m3.km	\$0.47
G248	Common and/or Borrow Excavation Loaded to	1	\$210,000	4,200	m3	\$50.00
G270	Sideslope Improvement	4	\$836,628	21	km	\$39,594.32
G300	Topsoil Placement	5	\$1,155,925	1,472,710	m2	\$0.78
G320	Topsoil (Supply and Place)	2	\$58,975	2,790	m2	\$21.14
G452	Remove and Dispose of Existing Fence	1	\$13,421	3	km	\$3,879.02
G475	New Fence - Supply and Install - Class B	1	\$193,005	35	km	\$5,514.44
M102	Crack Repair - Spray Patch	1	\$440,429	98,310	m	\$4.48
Q185	Gravel Surfacing - Des. 4 Cl. 20	1	\$206,752	10,442	t	\$19.80
Q510	Asphalt Mix For Others	1	\$43,860	1,000	t	\$43.86
Q560	Cold Milling Asphalt Pavement	1	\$1,053,428	31,455	m3	\$33.49
Q565	Cold Milling Asphalt Pavement	4	\$535,631	182,360	m2	\$2.94
Q990	Asphalt Concrete Pavement - EPS Mix Type H1	2	\$13,215,664	188,530	t	\$70.10
Q991	Asphalt Concrete Pavement - EPS Mix Type H2	4	\$18,001,797	278,270	t	\$64.69
Q992	Asphalt Concrete Pavement - EPS Mix Type M1	2	\$3,612,928	54,670	t	\$66.09
Q994	Asphalt Concrete Pavement - EPS Mix Type S1	3	\$2,981,453	41,340	t	\$72.12
S261	Concrete Base - Supply and Install	2	\$74,850	62	units	\$1,207.26
S270	Supply of Signs, 3/4" Plywood	4	\$28,798	80	m2	\$357.87
S271	Supply of Signs, Extruded Aluminum	2	\$74,727	234	m2	\$319.80
S272	Supply of Signs, Aluminum	6	\$32,032	125	m2	\$255.58
S273	Supply of Signs, Aluminum - 3M Diamond Grade	3	\$15,775	55	m2	\$284.90
S275	Removal and Reinstallation or Disposal of Existi	6	\$20,021	126	signs	\$158.90
S277	Removal and Reinstallation or Disposal of Existi	4	\$10,933	32	signs	\$341.66
S288	Install Sign - Less than 1 m2	6	\$35,997	314	signs	\$114.64
S289	Install Sign - 1 m2 to 3 m2	4	\$11,583	34	signs	\$340.67
S290	Install Sign - over 3 m2	3	\$21,343	41	signs	\$520.57
S309	Pavement Messages - Gore Area	1	\$7,650	4	messages	\$1,912.44
S310	Pavement Messages - Turn Arrow (Single or Do	1	\$9,180	48	messages	\$191.24
S315	Pavement Messages - Stop Bar	1	\$1,530	8	messages	\$191.24
S341	Durable Pavement Messages - Turn or Straight	6	\$28,627	89	messages	\$321.65
S342	Durable Pavement Messages - Stop Bar	6	\$35,062	64	messages	\$547.84
S350	Roadway Lines - Supplying Paint and Painting (L	5	\$85,098	124	km	\$687.33
S351	Roadway Lines - Supplying Paint and Painting (L	2	\$106,285	82	km	\$1,288.62
S352	Roadway Lines - Supplying Paint and Painting (L	4	\$3,512	10	km	\$362.07
S360	Intersection Lines - Supplying Paint and Painting	6	\$9,639	37	intersections	\$260.51
S375	Removal of Existing Painted Lines	1	\$2,920	530	m	\$5.51
S400	Underground Electrical Conduit - Supply and Ins	2	\$21,704	965	m	\$22.49
S405	Underground Electrical Conduit - Supply and Ins	2	\$34,559	720	m	\$48.00
S706	Milled Rumble Strips	4	\$169,681	181	km	\$939.90
S735	Supply and Install Breakaway Steel Posts - W20	1	\$26,106	28	m	\$932.35
S740	Supply and Install Breakaway Steel Posts - W15	1	\$30,948	32	m	\$967.11
S772	Supply and Install Post (100mm X 150mm)	5	\$86,667	402	posts	\$215.59
S805	Strong Post W-Beam Guardrail - Supply and Inst	5	\$326,448	2,360	m	\$138.33
S820	Remove, Salvage and Reinstall Existing Guardra	1	\$33,600	336	m	\$100.00
S825	Remove and Dispose of Existing Guardrail	5	\$89,299	3,953	m	\$22.59
S830	Flexible Guide Post/Delineators - Round - Suppl	6	\$104,937	1,631	posts	\$64.34

PROVINCIAL, Weighted Unit Price Averages
Based on 2017 Construction Prices
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Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
U100	Trenching and Backfilling	3	\$31,522	2,175	m	\$14.49
U105	Secondary Cable - Supply and Install	3	\$44,763	2,955	m	\$15.15
U110	Removal and Salvage of Existing Standards	1	\$6,580	10	units	\$658.00
U115	Removal and Disposal of Existing Light Fixures	1	\$8,220	12	units	\$684.98
U125	Street Light Standard - Supply and Install	3	\$87,847	31	units	\$2,833.76
U130	Salvaged Street Light Standard - Install	2	\$6,897	12	poles	\$574.72
X320	Concrete Curb (all Types)	1	\$91,101	960	m	\$94.90
X325	Curb and Gutter (all heights)	1	\$65,762	530	m	\$124.08
X346	Rock Rip-Rap - Hand Laid	1	\$10,545	105	m2	\$100.43
X350	Solid Concrete Islands	1	\$40,276	109	m2	\$369.17
X400	Solid Concrete Medians	1	\$52,567	440	m2	\$119.47
X440	Median Concrete Surfacing	1	\$178,636	2,840	m2	\$62.90
X510	Cutting of Pavement Edge	5	\$123,164	12,675	m	\$9.72

PROVINCIAL, Weighted Unit Price Averages
Based on 2016 Construction Prices
tendered between August 01, 2015 and July 31, 2016

Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
A051	Supply of Aggregate - No Option	1	\$44,924	3,620	m3	\$12.41
A345	Crush to Stockpile	1	\$244,000	50,000	t	\$4.88
A500	Crush to Stockpile	1	\$520,200	45,000	m3	\$11.56
A805	Supply of Aggregate - No Option	24	\$1,971,265	1,304,716	t	\$1.51
B100	Subgrade Excavation	40	\$1,510,095	78,663	m3	\$19.20
B152	Granular Fill (Pit-run) - Des. 6	34	\$4,104,617	176,035	t	\$23.32
B153	Granular Fill - Des. 2	24	\$1,328,119	48,650	t	\$27.30
B155	Granular Fill , 6, 125	1	\$82,089	3,650	t	\$22.49
B172	Granular Fill (Pit-run) - Des. 6	1	\$141,453	2,950	m3	\$47.95
B173	Granular Fill - Des. 2	1	\$5,974	110	m3	\$54.31
B180	Preparing Subgrade Surface (First Layer)	27	\$1,631,672	1,122,630	m2	\$1.45
B181	Preparing Subgrade Surface (Second Layer)	4	\$160,732	273,020	m2	\$0.59
B185	Preparing Granular Surface	3	\$78,483	77,420	m2	\$1.01
B281	Granular Base Course - Des. 2 Cl. 20	1	\$28,215	900	t	\$31.35
B282	Granular Base Course - Des. 2 Cl. 25	42	\$25,216,509	1,059,170	t	\$23.81
C055	Topsoil and Subsoil Stripping	3	\$13,727	2,729	m3	\$5.03
C056	Topsoil and Subsoil Placement	1	\$37,548	4,200	m3	\$8.94
C060	Common Excavation - Civil Projects	2	\$45,729	5,820	m3	\$7.86
C064	Wet Excavation - Type 2	1	\$21,346	2,600	m3	\$8.21
C069	Random Fill Zone 2A	1	\$19,824	2,800	m3	\$7.08
C080	Road Gravel Zone 4B	1	\$11,526	200	m3	\$57.63
C090	Pitrun Gravel Zone 4C	1	\$25,140	500	m3	\$50.28
C091	Pitrun Gravel Zone 4C	2	\$86,270	5,300	t	\$16.28
C102	Coarse Rip-rap Bedding Zone 5B	2	\$76,160	1,040	m3	\$73.23
C106	Gravel Armour Zone 5C	3	\$166,958	3,430	t	\$48.68
C130	Riprap Zone 6B	1	\$232,110	1,800	m3	\$128.95
C143	Salvage and Reinstall Existing Riprap	1	2188.4	40	m3	54.71
C150	Fine Filter Zone 3A	1	\$19,672	340	m3	\$57.86
C160	Coarse Filter Zone 3B	1	\$3,675	50	m3	\$73.50
C200	Geotextile	1	\$3,352	800	m2	\$4.19
C225	Erosion Control Blanket	4	\$30,677	9,029	m2	\$3.40
C230	Drill Seeding	4	\$124,985	10,060	m2	\$12.42
C232	Hydroseeding	2	\$6,831	1,370	m2	\$4.99
C250	Barbed Wire Fence	1	\$3,290	450	m	\$7.31
C254	Barbed Wire Fencing and Gates	1	\$21,428	1,100	m	\$19.48
C260	Texas Gates	1	\$1,017	1	Each	\$1,016.53
C265	Vehicle Access Control Gate	1	\$21,912	4	Each	\$5,478.00
D100	Culverts - Remove and Dispose (C.S.P.) (up	44	\$373,628	3,805	m	\$98.20
D105	Culverts - Remove and Dispose (C.S.P.) (ove	31	\$173,715	1,463	m	\$118.75
D110	Culverts - Remove and Dispose	4	\$22,126	255	m	\$86.80
D200	Granular Backfill - Culverts	8	\$61,591	2,239	m3	\$27.51
D235	Granular Backfill - Culverts	18	\$214,183	7,749	t	\$27.64
D400	Culverts - Supply and Install (400 mm dia. C	5	\$69,401	297	m	\$233.67
D405	Culverts - Supply and Install (500 mm dia. C	8	\$225,218	887	m	\$253.91

PROVINCIAL, Weighted Unit Price Averages
Based on 2016 Construction Prices
tendered between August 01, 2015 and July 31, 2016

Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
D410	Culverts - Supply and Install (600 mm dia. C	42	\$1,274,959	4,700	m	\$271.27
D425	Culverts - Supply and Install (800 mm dia. C	23	\$433,287	1,556	m	\$278.46
D430	Culverts - Supply and Install (900 mm dia. C	14	\$294,532	711	m	\$414.25
D431	Culverts - Supply and Install (1000 mm dia.	5	\$57,845	206	m	\$280.80
D435	Culverts - Supply and Install (1200 mm dia.	13	\$473,754	861	m	\$550.24
D437	Culverts - Supply and Install (1400 mm dia.	1	\$3,750	3	m	\$1,250.00
D440	Culverts - Supply and Install (600 mm dia. C	1	\$7,618	16	m	\$476.12
D465	Culverts - Supply and Install (600 mm dia. F	3	\$27,044	41	m	\$659.61
D480	Culverts - Supply and Install (600 mm dia. F	2	\$70,287	198	m	\$354.98
D500	and Auger (750 mm dia.)	3	509655.58	514	m	991.55
D505	Smoothwall Steel Pipe Culvert - Supply and	1	\$43,327	91	m	\$476.12
D510	Smoothwall Steel Pipe Culvert - Supply and	4	\$187,941	191	m	\$983.98
D520	Smoothwall Steel Pipe Culvert - Supply and	5	\$586,125	425	m	\$1,379.12
D525	Smoothwall Steel Pipe Culvert - Supply and	3	\$264,125	205	m	\$1,288.41
D540	Grouting of Abandoned Culverts	19	\$509,253	972	m3	\$523.76
D545	Grouting Liners	5	\$42,917	55	m3	\$787.04
D555	Riprap - Random - Supply and Place	1	\$9,000	50	m3	\$180.00
D607	Filter Material	4	\$112,139	1,342	m3	\$83.56
D615	Perforated Pipe	8	\$152,702	1,449	m	\$105.38
D620	Non-Perforated Pipe - Supply and Install	2	\$10,050	59	m	\$170.34
D728	Manholes - Supply and Install (1200 mm dia	1	\$33,991	6	units	\$5,665.24
D730	Manholes - Supply and Install (1200 mm dia	1	\$6,524	3	m	\$2,038.76
D732	Adjust Manholes	12	\$46,691	60	units	\$778.19
D733	Adjust Catch Basins	2	\$1,230	2	units	\$615.02
D734	Ajust Water Valve	9	\$37,156	62	units	\$599.28
D760	Catch Basin - Supply and Install (600 mm di	3	\$44,658	11	units	\$4,059.84
D787	Concrete Storm Sewer - Supply and Install (4	\$221,026	707	m	\$312.63
D830	Culvert Liner - Supply and Install (450 mm L	2	\$25,007	49	m	\$510.35
D835	Culvert Liner - Supply and Install (525 mm L	1	\$93,500	187	m	\$500.00
D842	Culvert Liner - Supply and Install (675 mm L	1	\$15,913	31	m	\$513.33
D845	Culvert Liner - Supply and Install (750 mm L	4	\$160,820	287	m	\$560.35
D850	Culvert Liner - Supply and Install (S.W.S.P.)	5	\$120,184	215	m	\$558.99
E003	Misc. Environmental Work	1	\$14,934	140	plantings	\$106.67
E325	Gabion Baskets - Supply and Install	3	\$296,403	865	m3	\$342.66
E331	Gabion Mattress - Supply and Install	2	\$151,401	1,180	m2	\$128.31
E345	Geotextile for Gabions - Supply and Install	1	\$2,036	270	m2	\$7.54
E400	Straw Bale Barrier - Slope	1	766.06	2	m	383.03
E420	Stone Barrier	2	\$192,209	1,113	m3	\$172.77
E435	Geotextile Fence Barrier - Ditch	61	\$343,128	28,122	m	\$12.20
E452	Geotextile - Nonwoven (Supply and Install)	15	\$145,108	40,160	m2	\$3.61
E453	Geogrid - Supply and Install	8	\$98,169	18,450	m2	\$5.32
E454	Geotextile for Materials Separation - Suppl	4	\$38,879	13,605	m2	\$2.86
E456	Geotextile for Stabilization - Supply and Ins	11	\$196,821	76,650	m2	\$2.57
E500	Soil Covering (Low Flow)	3	\$7,829	2,020	m2	\$3.88
E505	Soil Covering (Medium Flow)	18	\$355,523	60,890	m2	\$5.84

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Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
E510	Soil Covering (High Flow)	36	\$522,115	175,969	m2	\$2.97
E515	Synthetic Permeable Ditch Barrier	10	\$74,767	4,211	m	\$17.76
E607	Drill Seeding	10	\$77,798	53	ha	\$1,457.43
E608	Broad-Cast Seeding	29	\$105,100	74	ha	\$1,421.61
E609	Hydro-Seeding	8	\$143,030	10	ha	\$14,274.49
E610	Slope Texturing	7	\$128,768	267,625	m2	\$0.48
F188	Excavation - Structural	8	\$238,349	17,390	m3	\$13.71
F189	Excavation - Channel	6	\$28,885	1,800	m3	\$16.05
F195	Backfill - Non-Granular	11	\$268,141	13,130	m3	\$20.42
F200	Backfill - Pit Run Granular - Des. 6 Cl. 80	9	\$595,061	9,509	m3	\$62.58
F203	Backfill - Crushed Granular, 2, 25	6	\$204,027	2,595	m3	\$78.62
F493	SPCSP - Supply	4	\$221,036	188	m	\$1,173.60
F494	SPCSP - Assembly	4	\$149,901	188	m	\$795.90
F495	CSP with Couplers - Supply	6	\$175,512	282	m	\$622.60
F496	CSP - Assembly	6	\$109,497	282	m	\$388.43
F500	Heavy Rock RipRap (Class 1)	44	\$1,546,958	8,153	m3	\$189.74
F505	Heavy Rock RipRap (Class 1M)	19	\$286,691	1,438	m3	\$199.37
F515	Heavy Rock RipRap (Class 2)	13	\$1,801,472	9,086	m3	\$198.27
F525	Heavy Rock RipRap (Class 3)	11	2936942.38	20,485	m3	143.37
F755	Surface Removal	10	\$427,087	7,322	m2	\$58.33
F760	Partial Depth Repair	23	\$818,746	588	m2	\$1,391.48
F765	Full Depth Repair	8	\$190,420	73	m2	\$2,608.50
F770	Sandblasting (Deck Surface)	5	\$80,182	4,084	m2	\$19.63
F775	Deck Overlay Concrete	3	\$253,876	241	m3	\$1,054.30
F776	Placement Deck Overlay Concrete	4	\$462,065	3,494	m2	\$132.26
F812	Supply of Piling - H-Pile	10	\$756,036	5,081	m	\$148.80
F816	Pile Set-up	9	\$568,008	330	piles	\$1,721.24
F818	Pile Driving	9	\$259,433	5,344	m	\$48.55
F820	Loading Tests	1	\$5,695	4	tests	\$1,423.74
F822	Pile Concrete	5	\$3,611,395	11,378	m3	\$317.40
F824	Drill Rig Set-up	5	\$691,467	463	piles	\$1,493.45
F826	Pile Installation	6	\$1,615,407	9,784	m	\$165.11
F834	Concrete - Class C	14	\$2,434,483	2,074	m3	\$1,173.87
F841	Concrete - Class HPC	11	\$2,770,333	1,151	m3	\$2,407.10
F850	Plain Reinforcing Steel - Supply	13	\$2,051,660	1,540,538	kg	\$1.33
F852	Epoxy-coated Reinforcing Steel - Supply	2	\$43,641	21,808	kg	\$2.00
F854	Reinforcing Steel - Place	18	\$1,500,716	1,734,229	kg	\$0.87
F974	Deck Waterproofing	7	\$306,272	4,769	m2	\$64.22
F980	Asphalt Concrete Pavement - Mix Type H2	7	\$504,406	1,935	t	\$260.67
F982	Asphalt Concrete Pavement - Mix Type M1	4	\$230,975	610	t	\$378.77
F992	Supply and Install Sign Panels - Extruded Al	1	\$34,400	80	m2	\$430.00
G100	Clearing	14	\$220,521	32	ha	\$6,859.12
G105	Clearing and Timber Salvage	3	\$25,796	1	ha	\$17,429.50
G210	Rippable Rock - Premium	1	\$43,764	1,200	m3	\$36.47
G220	Channel Excavation	33	\$452,045	45,615	m3	\$9.91
G225	Common Excavation	40	7901980	1,525,948	m3	5.18

PROVINCIAL, Weighted Unit Price Averages
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Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
G230	Borrow Topsoil Excavation	2	\$594,450	180,000	m3	\$3.30
G235	Borrow Excavation	4	\$3,129,142	535,329	m3	\$5.85
G236	Borrow Excavation - Contractor's Supply	25	\$5,624,323	440,295	m3	\$12.77
G239	Overhaul	3	\$561,787	352,600	m3.km	\$1.59
G248	Common and/or Borrow Excavation Loaded	6	\$1,093,982	109,108	m3	\$10.03
G249	Truck Haul of Common and/or Borrow Exca	1	\$242,090	563,000	m3.km	\$0.43
G270	Sideslope Improvement	22	\$3,806,158	126	km	\$30,238.81
G300	Topsoil Placement	43	\$1,645,029	2,188,152	m2	\$0.75
G320	Topsoil (Supply and Place)	1	\$12,170	1,000	m2	\$12.17
G452	Remove and Dispose of Existing Fence	24	\$102,778	35	km	\$2,915.68
G455	Taking Down and Re-erecting Existing Fenc	1	\$1,759	0	km	\$87,928.50
G470	New Fence - Supply and Install - Class A	2	\$1,663	0	km	\$33,266.60
G475	New Fence - Supply and Install - Class B	21	\$257,086	27	km	\$9,532.29
G482	New Fence - Supply and Install - Class E	3	\$12,117	1	km	\$14,599.06
G483	New Fence - Supply and Install - Class F	1	\$180,650	2	km	\$116,548.33
G505	Remove and Reinstall Livestock Guards	1	\$4,613	2	units	\$2,306.43
M100	Crack Routing and Sealing	1	\$22,863	1,580	m	\$14.47
M102	Crack Repair - Spray Patch	9	\$1,075,042	218,390	m	\$4.92
M103	Transverse Crack Repair - Mill & Fill	6	\$2,652,505	30,895	m	\$85.86
Q141	Gravel Surfacing - Des. 4 Cl. 25	1	\$2,453	10	m3	\$245.28
Q185	Gravel Surfacing - Des. 4 Cl. 20	13	\$1,213,094	43,290	t	\$28.02
Q186	Gravel Surfacing - Des. 4 Cl. 25	28	\$1,056,694	43,694	t	\$24.18
Q510	Asphalt Mix For Others	12	\$686,815	11,750	t	\$58.45
Q560	Cold Milling Asphalt Pavement	2	\$1,374,366	24,037	m3	\$57.18
Q565	Cold Milling Asphalt Pavement	41	\$11,530,853	4,658,552	m2	\$2.48
Q567	Supply Rejuvenating Agent	2	\$14,767	8,580	l	\$1.72
Q700	from Bridge Decks	5	60619.7	1,560	m2	38.86
Q722	Supply and Place Fog Coat	6	\$129,265	173,325	m2	\$0.75
Q770	Graded Aggregate Seal Coat - Des. 3 Cl. 12.	2	\$1,195,986	366,660	m2	\$3.26
Q771	Graded Aggregate Seal Coat - Bridge Decks	2	\$17,100	930	m2	\$18.39
Q785	Chip Seal Coat - Des. 3 Cl. 12.5BW	6	\$6,103,098	1,642,332	m2	\$3.72
Q798	Chip Seal Coat - Bridge Decks	5	\$129,658	8,667	m2	\$14.96
Q987	Asphalt Concrete Pavement - EPS Mix Type	1	\$179,227	1,550	t	\$115.63
Q990	Asphalt Concrete Pavement - EPS Mix Type	15	\$43,150,516	611,090	t	\$70.61
Q991	Asphalt Concrete Pavement - EPS Mix Type	20	\$58,032,163	819,580	t	\$70.81
Q992	Asphalt Concrete Pavement - EPS Mix Type	29	\$81,884,161	1,178,950	t	\$69.46
Q993	Asphalt Concrete Pavement - EPS Mix Type	10	\$17,606,349	250,500	t	\$70.28
Q994	Asphalt Concrete Pavement - EPS Mix Type	10	\$4,900,727	62,910	t	\$77.90
Q996	Asphalt Concrete Pavement - EPS Mix Type	21	\$25,857,945	415,210	t	\$62.28
S205	Remove and Dispose of Existing Signs - One	2	\$8,406	90	signs	\$93.40
S210	Remove and Dispose of Existing Signs - Two	1	\$1,307	5	signs	\$261.33
S261	Concrete Base - Supply and Install	17	\$272,804	208	units	\$1,311.56
S270	Supply of Signs, 3/4" Plywood	27	\$73,731	285	m2	\$259.04
S271	Supply of Signs, Extruded Aluminum	17	\$184,994	525	m2	\$352.51
S272	Supply of Signs, Aluminum	41	\$122,864	537	m2	\$228.90
S273	Supply of Signs, Aluminum - 3M Diamond G	39	\$161,404	570	m2	\$283.21

**PROVINCIAL, Weighted Unit Price Averages
Based on 2016 Construction Prices
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Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
S275	Removal and Reinstallation or Disposal of E	46	\$321,606	1,812	signs	\$177.49
S277	Removal and Reinstallation or Disposal of E	35	\$92,745	243	signs	\$381.67
S283	Concrete Base - Remove and Reinstall	7	\$34,446	34	units	\$1,013.12
S288	Install Sign - Less than 1 m2	48	\$229,291	2,831	signs	\$80.99
S289	Install Sign - 1 m2 to 3 m2	33	\$69,933	220	signs	\$317.88
S290	Install Sign - over 3 m2	17	\$64,549	102	signs	\$632.84
S291	Remove and Reinstall Breakaway Steel Pos	6	\$18,218	37	posts	\$492.38
S292	Remove and Dispose - Breakaway Steel	13	28934.8	90	posts	321.5
S309	Pavement Messages - Gore Area	8	\$29,579	25	messages	\$1,183.16
S310	Pavement Messages - Turn Arrow (Single o	13	\$35,927	282	messages	\$127.40
S315	Pavement Messages - Stop Bar	14	\$24,249	163	messages	\$148.77
S320	Pavement Messages - Stop Ahead	5	\$1,760	9	messages	\$195.60
S321	Pavement Messages - STOP	2	\$1,033	7	messages	\$147.64
S326	Pavement Messages - Railway Crossing	4	\$4,350	16	messages	\$271.88
S327	Pavement Messages - Pedestrian Crossing	1	\$1,253	4	messages	\$313.33
S329	Pavement Message Markings - Removal	1	\$7,393	1	messages	\$7,393.33
S341	Durable Pavement Messages - Turn or Stra	25	\$139,416	589	messages	\$236.70
S342	Durable Pavement Messages - Stop Bar	34	\$188,519	372	messages	\$506.77
S343	Durable Pavement Messages - Railway Cro	7	\$9,003	13	messages	\$692.51
S344	Durable Pavement Messages - Stop Ahead	17	\$29,659	37	messages	\$801.58
S345	Durable Pavement Messages - Aircraft Patr	2	\$7,819	4	messages	\$1,954.82
S346	Durable Pavement Messages - Pedestrian C	9	\$88,671	87	messages	\$1,019.20
S347	Durable Pavement Messages - STOP	12	\$25,122	61	messages	\$411.83
S348	Durable Pavement Messages - SCHOOL ZO	2	\$5,533	4	messages	\$1,383.34
S349	Removal of Existing Durable Pavement Mes	1	\$530	2	messages	\$265.00
S350	Roadway Lines - Supplying Paint and Painti	49	\$776,610	1,070	km	\$725.47
S351	Roadway Lines - Supplying Paint and Painti	12	\$148,672	186	km	\$801.34
S352	Roadway Lines - Supplying Paint and Painti	18	\$18,017	46	km	\$390.22
S355	Roadway Lines - Supplying Paint and Paitin	4	\$5,803	10	km	\$560.66
S360	Intersection Lines - Supplying Paint and Pai	48	\$68,086	367	intersection	\$185.52
S370	Interchange Lines - Supplying Paint and Pai	2	\$4,730	2	interchange	\$2,365.00
S375	Removal of Existing Painted Lines	2	\$11,168	2,250	m	\$4.96
S376	Removal of Existing Roadway Lines	2	\$7,808	2	km	\$4,109.65
S400	Underground Electrical Conduit - Supply an	6	\$84,683	2,510	m	\$33.74
S405	and Install - Pushed Conduit	14	142722.76	1,860	m	76.73
S700	Milled Rumble Strips for Stop Conditions	17	\$107,918	44	sets	\$2,452.67
S706	Milled Rumble Strips	32	\$733,888	890	km	\$824.81
S730	Supply and Install Breakaway Steel Posts - V	13	\$143,607	153	m	\$938.61
S735	Supply and Install Breakaway Steel Posts - V	3	\$11,391	12	m	\$949.28
S740	Supply and Install Breakaway Steel Posts - V	3	\$53,108	43	m	\$1,235.06
S765	Cluster Frames - Supply and Install	14	\$19,503	53	frames	\$367.98
S770	Supply and Install - Wooden Post	4	\$23,628	139	posts	\$169.98
S772	Supply and Install Post (100mm X 150mm)	48	\$427,629	2,088	posts	\$204.80
S773	Supply and Install Post (150mm X 200mm)	2	\$10,562	38	posts	\$277.94
S800	W-Beam Guardrail - Supply and Install	2	\$14,059	32	m	\$439.33

PROVINCIAL, Weighted Unit Price Averages
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Item	Description	No. of Cntrcts.	Amount	Quantity	Unit	Avg. 3 low bids
S805	Strong Post W-Beam Guardrail - Supply and	39	\$2,686,822	18,577	m	\$144.63
S815	Cable Barrier - Supply and Install	4	\$545,101	5,958	m	\$91.49
S820	Remove, Salvage and Reinstall Existing Gua	4	\$43,352	348	m	\$124.58
S822	Supply of Guardrail Posts	2	\$2,494	27	posts	\$92.37
S825	Remove and Dispose of Existing Guardrail	47	\$1,008,100	34,830	m	\$28.94
S830	Flexible Guide Post/Delineators - Round - S	56	\$717,536	9,254	posts	\$77.54
U100	Trenching and Backfilling	15	\$223,726	14,272	m	\$15.68
U105	Secondary Cable - Supply and Install	16	\$292,446	21,411	m	\$13.66
U110	Removal and Salvage of Existing Standards	3	\$10,909	12	units	\$909.10
U115	Removal and Disposal of Existing Light Fixu	6	\$48,292	67	units	\$720.78
U120	Cast In Place Concrete Base - Supply and In	5	\$340,060	146	units	\$2,329.18
U125	Street Light Standard - Supply and Install	15	\$717,704	239	units	\$3,002.94
U130	Salvaged Street Light Standard - Install	3	\$14,079	12	poles	\$1,173.22
U135	Distribution Enclosure - Supply and Install	9	\$206,757	23	units	\$8,989.43
X205	Asphalt Surfacing (Remove and Dispose)	1	\$1,852	60	m3	\$30.86
X215	Removing Curb and Gutter	7	\$101,451	3,482	m	\$29.14
X220	Removing Concrete Surface	8	165004.06	7,506	m2	21.98
X230	Removing Catch Basin	2	\$12,525	6	units	\$2,087.56
X235	Removing Curb	4	\$49,718	2,159	m	\$23.03
X300	Concrete Sidewalk (all widths)	4	\$137,543	600	m	\$229.24
X310	Monolithic Sidewalk, Curb and Gutter (all v	7	\$513,744	1,952	m	\$263.19
X315	Monolithic Sidewalk, Curb and Gutter (all v	2	\$39,398	104	m	\$378.82
X320	Concrete Curb (all Types)	2	\$237,969	3,875	m	\$61.41
X325	Curb and Gutter (all heights)	11	\$753,822	6,021	m	\$125.20
X346	Rock Rip-Rap - Hand Laid	3	\$13,584	130	m2	\$104.49
X350	Solid Concrete Islands	3	\$164,526	1,635	m2	\$100.63
X355	Concrete Barrier	2	\$416,634	1,260	m	\$330.66
X360	Concrete Swale	3	\$34,660	155	m	\$223.61
X400	Solid Concrete Medians	1	\$550,448	5,750	m2	\$95.73
X415	Granular Fill for Medians	3	\$85,348	2,230	t	\$38.27
X435	Median Asphalt Concrete Surfacing	2	\$313,330	1,720	t	\$182.17
X440	Median Concrete Surfacing	4	\$283,228	2,900	m2	\$97.66
X510	Cutting of Pavement Edge	46	\$932,462	114,773	m	\$8.12

**PROVINCIAL, Weighted Unit Price Averages
Based on 2015, 2016 and 2017 Construction Prices
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Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
A051	Supply of Aggregate - No Option	m3		\$12.41	
A345	Crush to Stockpile	t		\$4.88	
A500	Crush to Stockpile	m3		\$11.56	
A805	Supply of Aggregate - No Option	t	\$ 0.67	\$ 1.51	
B100	Subgrade Excavation	m3	\$ 30.05	\$ 19.20	\$ 14.68
B152	Granular Fill (Pit-run) - Des. 6	t	\$ 29.65	\$ 23.32	\$ 13.82
B153	Granular Fill - Des. 2	t	\$ 37.49	\$ 27.30	\$ 17.75
B155	Granular Fill , 6, 125	t	31.46	\$22.49	
B172	Granular Fill (Pit-run) - Des. 6	m3		\$47.95	100
B173	Granular Fill - Des. 2	m3		\$54.31	
B180	Preparing Subgrade Surface (First Layer)	m2	\$ 1.65	\$ 1.45	\$ 0.23
B181	Preparing Subgrade Surface (Second Layer)	m2	\$ 1.27	\$ 0.59	\$ 1.42
B185	Preparing Granular Surface	m2		\$ 1.01	
B281	Granular Base Course - Des. 2 Cl. 20	t		\$31.35	
B282	Granular Base Course - Des. 2 Cl. 25	t	\$ 31.43	\$ 23.81	\$ 14.31
C055	Topsoil and Subsoil Stripping	m3	\$ 5.10	\$ 5.03	
C056	Topsoil and Subsoil Placement	m3	7.86	\$8.94	
C060	Common Excavation - Civil Projects	m3	8.01	\$7.86	
C064	Wet Excavation - Type 2	m3	\$ 13.68	\$ 8.21	
C069	Random Fill Zone 2A	m3	\$ 1.48	\$ 7.08	
C080	Road Gravel Zone 4B	m3		\$ 57.63	
C090	Pitrun Gravel Zone 4C	m3		\$ 50.28	
C091	Pitrun Gravel Zone 4C	t	\$ 20.07	\$ 16.28	
C102	Coarse Rip-rap Bedding Zone 5B	m3	\$ 54.00	\$ 73.23	
C106	Gravel Armour Zone 5C	t	\$ 33.84	\$ 48.68	
C130	Riprap Zone 6B	m3		\$ 128.95	
C143	Salvage and Reinstall Existing Riprap	m3	\$ 65.00	\$ 54.71	
C150	Fine Filter Zone 3A	m3	\$ 68.45	\$ 57.86	
C160	Coarse Filter Zone 3B	m3	\$ 43.33	\$ 73.50	
C200	Geotextile	m2	\$ 3.84	\$ 4.19	
C225	Erosion Control Blanket	m2		\$ 3.40	
C230	Drill Seeding	m2	\$ 0.65	\$ 12.42	
C232	Hydroseeding	m2	\$ 1.36	\$ 4.99	
C250	Barbed Wire Fence	m	\$ 9.03	\$ 7.31	
C254	Barbed Wire Fencing and Gates	m	\$ 10.65	\$ 19.48	
C260	Texas Gates	Each		\$ 1,016.53	
C265	Vehicle Access Control Gate	Each	\$ 5,200.00	\$ 5,478.00	
D100	Culverts - Remove and Dispose (C.S.P.) (up to 700 mm di	m	\$ 108.60	\$ 98.20	\$ 82.05
D105	Culverts - Remove and Dispose (C.S.P.) (over 700 mm dia.	m	\$ 153.64	\$ 118.75	\$ 129.99
D110	Culverts - Remove and Dispose	m		\$ 86.80	
D200	Granular Backfill - Culverts	m3	\$ 87.46	\$ 27.51	\$ 20.24
D235	Granular Backfill - Culverts	t	\$ 57.30	\$ 27.64	
D400	Culverts - Supply and Install (400 mm dia. C.S.P.)	m		\$ 233.67	
D405	Culverts - Supply and Install (500 mm dia. C.S.P.)	m	\$ 313.36	\$ 253.91	
D410	Culverts - Supply and Install (600 mm dia. C.S.P.)	m	\$ 339.09	\$ 271.27	\$ 274.74

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Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
D425	Culverts - Supply and Install (800 mm dia. C.S.P.)	m	\$ 566.73	\$ 278.46	\$ 347.32
D430	Culverts - Supply and Install (900 mm dia. C.S.P.)	m	\$ 532.03	\$ 414.25	\$ 387.32
D431	Culverts - Supply and Install (1000 mm dia. C.S.P.)	m		\$ 280.80	\$ 596.61
D435	Culverts - Supply and Install (1200 mm dia. C.S.P.)	m	\$ 724.29	\$ 550.24	\$ 1,500.00
D437	Culverts - Supply and Install (1400 mm dia. C.S.P.)	m		\$ 1,250.00	
D440	Culverts - Supply and Install (600 mm dia. C.P.P.)	m		\$ 476.12	\$ 489.26
D465	Culverts - Supply and Install (600 mm dia. R.C.P.)	m		\$ 659.61	
D480	Culverts - Supply and Install (600 mm dia. P.V.C.)	m		\$ 354.98	
D500	Smoothwall Steel Pipe Culvert - Supply and Auger (750	m	\$ 1,756.67	\$ 991.55	
D505	Smoothwall Steel Pipe Culvert - Supply and Auger (500 m	m		\$ 476.12	
D510	Smoothwall Steel Pipe Culvert - Supply and Auger (600 m	m	\$ 2,153.33	\$ 983.98	
D520	Smoothwall Steel Pipe Culvert - Supply and Auger (800 m	m	\$ 1,458.69	\$ 1,379.12	
D525	Smoothwall Steel Pipe Culvert - Supply and Auger (900 m	m	\$ 1,099.47	\$ 1,288.41	
D540	Grouting of Abandoned Culverts	m3	\$ 707.64	\$ 523.76	
D545	Grouting Liners	m3		\$ 787.04	
D555	Riprap - Random - Supply and Place	m3		\$ 180.00	
D607	Filter Material	m3	\$ 216.67	\$ 83.56	\$ 94.46
D615	Perforated Pipe	m	\$ 181.93	\$ 105.38	\$ 172.96
D620	Non-Perforated Pipe - Supply and Install	m		\$ 170.34	\$ 375.00
D728	Manholes - Supply and Install (1200 mm dia. Std. Length)	units		\$ 5,665.24	
D730	Manholes - Supply and Install (1200 mm dia x Excess Leng	m		\$ 2,038.76	
D732	Adjust Manholes	units	\$ 1,777.78	\$ 778.19	
D733	Adjust Catch Basins	units	\$ 1,083.33	\$ 615.02	
D734	Ajust Water Valve	units	\$ 1,672.22	\$ 599.28	
D760	Catch Basin - Supply and Install (600 mm dia. x 1.83 m)	units		\$ 4,059.84	
D787	Concrete Storm Sewer - Supply and Install (all dia.)	m		\$ 312.63	
D830	Culvert Liner - Supply and Install (450 mm Dia.)	m		\$ 510.35	
D835	Culvert Liner - Supply and Install (525 mm Dia.)	m		\$ 500.00	
D842	Culvert Liner - Supply and Install (675 mm Dia.)	m		\$ 513.33	
D845	Culvert Liner - Supply and Install (750 mm Dia.)	m		\$ 560.35	
D850	Culvert Liner - Supply and Install (S.W.S.P.) (mm)	m	\$ 598.33	\$ 558.99	\$ 694.56
E003	Misc. Environmental Work	plantings	\$ 52.36	\$ 106.67	\$ 91.67
E325	Gabion Baskets - Supply and Install	m3		\$ 342.66	\$ 242.36
E331	Gabion Mattress - Supply and Install	m2	\$ 185.98	\$ 128.31	\$ 81.38
E345	Geotextile for Gabions - Supply and Install	m2		\$ 7.54	
E400	Straw Bale Barrier - Slope	m		\$ 383.03	
E420	Stone Barrier	m3	\$ 361.67	\$ 172.77	
E435	Geotextile Fence Barrier - Ditch	m	\$ 15.22	\$ 12.20	\$ 16.92
E452	Geotextile - Nonwoven (Supply and Install)	m2	\$ 2.73	\$ 3.61	\$ 4.59
E453	Geogrid - Supply and Install	m2	\$ 2.67	\$ 5.32	\$ 3.15
E454	Geotextile for Materials Separation - Supply and Install	m2	\$ 5.47	\$ 2.86	
E456	Geotextile for Stabilization - Supply and Install	m2	\$ 4.88	\$ 2.57	
E500	Soil Covering (Low Flow)	m2	\$ 2.04	\$ 3.88	
E505	Soil Covering (Medium Flow)	m2	\$ 2.86	\$ 5.84	\$ 9.41
E510	Soil Covering (High Flow)	m2	\$ 7.21	\$ 2.97	\$ 6.96
E515	Synthetic Permeable Ditch Barrier	m	\$ 17.33	\$ 17.76	
E607	Drill Seeding	ha	\$ 2,863.73	\$ 1,457.43	
E608	Broad-Cast Seeding	ha	\$ 738.46	\$ 1,421.61	\$ 642.99
E609	Hydro-Seeding	ha	\$ 9,669.27	\$ 14,274.49	\$ 27,583.33
E610	Slope Texturing	m2	\$ 0.46	\$ 0.48	\$ 1.79

**PROVINCIAL, Weighted Unit Price Averages
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Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
F188	Excavation - Structural	m3		\$ 13.71	
F189	Excavation - Channel	m3	\$ 13.51	\$ 16.05	
F195	Backfill - Non-Granular	m3	\$ 60.08	\$ 20.42	
F200	Backfill - Pit Run Granular - Des. 6 Cl. 80	m3	\$ 112.33	\$ 62.58	
F203	Backfill - Crushed Granular, 2, 25	m3	\$ 133.09	\$ 78.62	
F493	SPCSP - Supply	m		\$ 1,173.60	
F494	SPCSP - Assembly	m		\$ 795.90	
F495	CSP with Couplers - Supply	m	\$ 523.48	\$ 622.60	
F496	CSP - Assembly	m	\$ 260.70	\$ 388.43	
F500	Heavy Rock RipRap (Class 1)	m3	\$ 264.88	\$ 189.74	\$ 552.33
F505	Heavy Rock RipRap (Class 1M)	m3	\$ 282.50	\$ 199.37	
F515	Heavy Rock RipRap (Class 2)	m3	\$ 220.96	\$ 198.27	\$ 341.63
F525	Heavy Rock RipRap (Class 3)	m3	\$ 139.13	\$ 143.37	\$ 279.73
F755	Surface Removal	m2	\$ 22.66	\$ 58.33	
F760	Partial Depth Repair	m2	\$ 1,084.97	\$ 1,391.48	
F765	Full Depth Repair	m2	\$ 1,819.95	\$ 2,608.50	
F770	Sandblasting (Deck Surface)	m2	\$ 22.13	\$ 19.63	
F775	Deck Overlay Concrete	m3	\$ 1,598.82	\$ 1,054.30	
F776	Placement Deck Overlay Concrete	m2	\$ 100.76	\$ 132.26	
F812	Supply of Piling - H-Pile	m	\$ 146.41	\$ 148.80	\$ 126.92
F816	Pile Set-up	piles	\$ 2,798.44	\$ 1,721.24	\$ 5,789.12
F818	Pile Driving	m	\$ 112.61	\$ 48.55	\$ 63.59
F820	Loading Tests	tests	\$ 4,610.87	\$ 1,423.74	
F822	Pile Concrete	m3	\$ 497.47	\$ 317.40	
F824	Drill Rig Set-up	piles	\$ 2,684.28	\$ 1,493.45	
F826	Pile Installation	m	\$ 252.92	\$ 165.11	
F834	Concrete - Class C	m3	\$ 1,702.03	\$ 1,173.87	\$ 1,637.18
F841	Concrete - Class HPC	m3	\$ 2,373.55	\$ 2,407.10	\$ 1,992.79
F850	Plain Reinforcing Steel - Supply	kg	\$ 1.87	\$ 1.33	\$ 1.10
F852	Epoxy-coated Reinforcing Steel - Supply	kg		\$ 2.00	
F854	Reinforcing Steel - Place	kg	\$ 3.93	\$ 0.87	\$ 1.38
F974	Deck Waterproofing	m2	\$ 88.55	\$ 64.22	\$ 68.59
F980	Asphalt Concrete Pavement - Mix Type H2 (150-200A)	t	\$ 303.30	\$ 260.67	\$ 367.09
F982	Asphalt Concrete Pavement - Mix Type M1 (200-300A)	t	\$ 694.44	\$ 378.77	
F992	Supply and Install Sign Panels - Extruded Aluminum	m2		\$ 430.00	
G100	Clearing	ha	\$ 12,256.81	\$ 6,859.12	\$ 5,490.32
G105	Clearing and Timber Salvage	ha		\$ 17,429.50	
G210	Rippable Rock - Premium	m3		\$ 36.47	
G220	Channel Excavation	m3	\$ 6.36	\$ 9.91	\$ 8.25
G225	Common Excavation	m3	\$ 5.66	\$ 5.18	\$ 4.49
G230	Borrow Topsoil Excavation	m3	\$ 3.54	\$ 3.30	\$ 4.21
G235	Borrow Excavation	m3	\$ 5.72	\$ 5.85	\$ 5.17
G236	Borrow Excavation - Contractor's Supply	m3	\$ 16.79	\$ 12.77	\$ 28.74
G239	Overhaul	m3.km	\$ 1.33	\$ 1.59	\$ 0.47
G248	Common and/or Borrow Excavation Loaded to Trucks	m3	\$ 12.58	\$ 10.03	\$ 50.00
G249	Truck Haul of Common and/or Borrow Excavation	m3.km		\$ 0.43	
G270	Sideslope Improvement	km	\$ 45,258.02	\$ 30,238.81	\$ 39,594.32
G300	Topsoil Placement	m2	\$ 0.72	\$ 0.75	\$ 0.78
G320	Topsoil (Supply and Place)	m2	\$ 9.65	\$ 12.17	\$ 21.14
G452	Remove and Dispose of Existing Fence	km	\$ 4,114.32	\$ 2,915.68	\$ 3,879.02

PROVINCIAL, Weighted Unit Price Averages
Based on 2015, 2016 and 2017 Construction Prices
tendered between August 01, 2015 and Nov 30, 2016

Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
G455	Taking Down and Re-erecting Existing Fence	km		\$ 87,928.50	
G470	New Fence - Supply and Install - Class A	km		\$ 33,266.60	
G475	New Fence - Supply and Install - Class B	km	\$ 11,640.98	\$ 9,532.29	\$ 5,514.44
G482	New Fence - Supply and Install - Class E	km		\$ 14,599.06	
G483	New Fence - Supply and Install - Class F	km	\$ 20,867.30	\$ 116,548.33	
G505	Remove and Reinstall Livestock Guards	units		\$ 2,306.43	
M100	Crack Routing and Sealing	m		\$ 14.47	
M102	Crack Repair - Spray Patch	m	\$ 5.82	\$ 4.92	\$ 4.48
M103	Transverse Crack Repair - Mill & Fill	m	\$ 45.96	\$ 85.86	
Q141	Gravel Surfacing - Des. 4 Cl. 25	m3		\$ 245.28	
Q185	Gravel Surfacing - Des. 4 Cl. 20	t	\$ 32.46	\$ 28.02	\$ 19.80
Q186	Gravel Surfacing - Des. 4 Cl. 25	t	\$ 41.11	\$ 24.18	
Q510	Asphalt Mix For Others	t	\$ 62.11	\$ 58.45	\$ 43.86
Q560	Cold Milling Asphalt Pavement	m3		\$ 57.18	\$ 33.49
Q565	Cold Milling Asphalt Pavement	m2	\$ 2.80	\$ 2.48	\$ 2.94
Q567	Supply Rejuvenating Agent	l	\$ 2.91	\$ 1.72	
Q700	Removal of Asphalt Concrete Pavement from Bridge	m2		\$ 38.86	
Q722	Supply and Place Fog Coat	m2	\$ 0.85	\$ 0.75	
Q770	Graded Aggregate Seal Coat - Des. 3 Cl. 12.5C	m2	\$ 3.54	\$ 3.26	
Q771	Graded Aggregate Seal Coat - Bridge Decks	m2	\$ 21.00	\$ 18.39	
Q785	Chip Seal Coat - Des. 3 Cl. 12.5BW	m2	\$ 3.81	\$ 3.72	
Q798	Chip Seal Coat - Bridge Decks	m2	\$ 27.14	\$ 14.96	
Q987	Asphalt Concrete Pavement - EPS Mix Type H1 (PG58-34)	t	\$ 94.48	\$ 115.63	
Q990	Asphalt Concrete Pavement - EPS Mix Type H1	t	\$ 77.38	\$ 70.61	\$ 70.10
Q991	Asphalt Concrete Pavement - EPS Mix Type H2	t	\$ 80.39	\$ 70.81	\$ 64.69
Q992	Asphalt Concrete Pavement - EPS Mix Type M1	t	\$ 78.94	\$ 69.46	\$ 66.09
Q993	Asphalt Concrete Pavement - EPS Mix Type L1	t	\$ 82.94	\$ 70.28	
Q994	Asphalt Concrete Pavement - EPS Mix Type S1	t	\$ 91.31	\$ 77.90	\$ 72.12
Q996	Asphalt Concrete Pavement - EPS Mix Type S3	t	\$ 71.18	\$ 62.28	
S205	Remove and Dispose of Existing Signs - One Post	signs		\$ 93.40	
S210	Remove and Dispose of Existing Signs - Two Post	signs		\$ 261.33	
S261	Concrete Base - Supply and Install	units	\$ 1,524.35	\$ 1,311.56	\$ 1,207.26
S270	Supply of Signs, 3/4" Plywood	m2	\$ 283.72	\$ 259.04	\$ 357.87
S271	Supply of Signs, Extruded Aluminum	m2	\$ 363.44	\$ 352.51	\$ 319.80
S272	Supply of Signs, Aluminum	m2	\$ 256.48	\$ 228.90	\$ 255.58
S273	Supply of Signs, Aluminum - 3M Diamond Grade (VIP)	m2	\$ 319.30	\$ 283.21	\$ 284.90
S275	Removal and Reinstallation or Disposal of Existing Signs -	signs	\$ 172.56	\$ 177.49	\$ 158.90
S277	Removal and Reinstallation or Disposal of Existing Signs -	signs	\$ 426.94	\$ 381.67	\$ 341.66
S283	Concrete Base - Remove and Reinstall	units	\$ 933.33	\$ 1,013.12	
S288	Install Sign - Less than 1 m2	signs	\$ 75.49	\$ 80.99	\$ 114.64
S289	Install Sign - 1 m2 to 3 m2	signs	\$ 302.18	\$ 317.88	\$ 340.67
S290	Install Sign - over 3 m2	signs	\$ 752.88	\$ 632.84	\$ 520.57
S291	Remove and Reinstall Breakaway Steel Posts	posts	\$ 675.00	\$ 492.38	
S292	Remove and Dispose - Breakaway Steel Posts	posts	\$ 290.61	\$ 321.50	
S309	Pavement Messages - Gore Area	messages	\$ 1,075.85	\$ 1,183.16	\$ 1,912.44
S310	Pavement Messages - Turn Arrow (Single or Double)	messages	\$ 154.56	\$ 127.40	\$ 191.24
S315	Pavement Messages - Stop Bar	messages	\$ 178.74	\$ 148.77	\$ 191.24
S320	Pavement Messages - Stop Ahead	messages	\$ 281.21	\$ 195.60	
S321	Pavement Messages - STOP	messages	\$ 203.89	\$ 147.64	
S326	Pavement Messages - Railway Crossing	messages	\$ 600.00	\$ 271.88	

**PROVINCIAL, Weighted Unit Price Averages
Based on 2015, 2016 and 2017 Construction Prices
tendered between August 01, 2015 and Nov 30, 2016**

Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
S327	Pavement Messages - Pedestrian Crossing	messages	\$ 206.67	\$ 313.33	
S329	Pavement Message Markings - Removal	messages		\$ 7,393.33	
S341	Durable Pavement Messages - Turn or Straight Arrows (Si	messages	\$ 241.57	\$ 236.70	\$ 321.65
S342	Durable Pavement Messages - Stop Bar	messages	\$ 725.15	\$ 506.77	\$ 547.84
S343	Durable Pavement Messages - Railway Crossing	messages	\$ 946.48	\$ 692.51	
S344	Durable Pavement Messages - Stop Ahead	messages	\$ 924.39	\$ 801.58	
S345	Durable Pavement Messages - Aircraft Patrol Zone	messages	\$ 1,341.93	\$ 1,954.82	
S346	Durable Pavement Messages - Pedestrian Crossing	messages	\$ 1,650.00	\$ 1,019.20	
S347	Durable Pavement Messages - STOP	messages	\$ 447.25	\$ 411.83	
S348	Durable Pavement Messages - SCHOOL ZONE	messages	\$ 877.66	\$ 1,383.34	
S349	Removal of Existing Durable Pavement Messages	messages	\$ 305.46	\$ 265.00	
S350	Roadway Lines - Supplying Paint and Painting (Directional	km	\$ 821.52	\$ 725.47	\$ 687.33
S351	Roadway Lines - Supplying Paint and Painting (Lane Dividi	km	\$ 739.12	\$ 801.34	\$ 1,288.62
S352	Roadway Lines - Supplying Paint and Painting (Lane Dividi	km	\$ 278.03	\$ 390.22	\$ 362.07
S355	Roadway Lines - Supplying Paint and Paiting (Directional l	km	\$ 571.91	\$ 560.66	
S360	Intersection Lines - Supplying Paint and Painting	intersections	\$ 189.69	\$ 185.52	\$ 260.51
S370	Interchange Lines - Supplying Paint and Painting	interchanges	\$ 3,561.17	\$ 2,365.00	
S375	Removal of Existing Painted Lines	m	\$ 5.08	\$ 4.96	\$ 5.51
S376	Removal of Existing Roadway Lines	km	\$ 2,835.63	\$ 4,109.65	
S400	Underground Electrical Conduit - Supply and Install - Tren	m	\$ 42.47	\$ 33.74	\$ 22.49
S405	Underground Electrical Conduit - Supply and Install - Pushed Conduit	m	\$ 150.38	\$ 76.73	\$ 48.00
S700	Milled Rumble Strips for Stop Conditions	sets	\$ 2,093.36	\$ 2,452.67	
S706	Milled Rumble Strips	km	\$ 770.42	\$ 824.81	\$ 939.90
S730	Supply and Install Breakaway Steel Posts - W150 X 14	m	\$ 1,129.01	\$ 938.61	
S735	Supply and Install Breakaway Steel Posts - W200 X 15	m		\$ 949.28	\$ 932.35
S740	Supply and Install Breakaway Steel Posts - W150 X 22	m	\$ 1,043.40	\$ 1,235.06	\$ 967.11
S765	Cluster Frames - Supply and Install	frames	\$ 496.67	\$ 367.98	
S770	Supply and Install - Wooden Post	posts	\$ 193.02	\$ 169.98	
S772	Supply and Install Post (100mm X 150mm)	posts	\$ 210.52	\$ 204.80	\$ 215.59
S773	Supply and Install Post (150mm X 200mm)	posts		\$ 277.94	
S800	W-Beam Guardrail - Supply and Install	m	\$ 193.33	\$ 439.33	
S805	Strong Post W-Beam Guardrail - Supply and Install	m	\$ 138.16	\$ 144.63	\$ 138.33
S815	Cable Barrier - Supply and Install	m	\$ 108.84	\$ 91.49	
S820	Remove, Salvage and Reinstall Existing Guardrail	m	\$ 130.59	\$ 124.58	\$ 100.00
S822	Supply of Guardrail Posts	posts	\$ 99.27	\$ 92.37	
S825	Remove and Dispose of Existing Guardrail	m	\$ 29.15	\$ 28.94	\$ 22.59
S830	Flexible Guide Post/Delineators - Round - Supply and Inst	posts	\$ 84.15	\$ 77.54	\$ 64.34
U100	Trenching and Backfilling	m	\$ 18.06	\$ 15.68	\$ 14.49
U105	Secondary Cable - Supply and Install	m	\$ 10.03	\$ 13.66	\$ 15.15
U110	Removal and Salvage of Existing Standards	units	\$ 674.17	\$ 909.10	\$ 658.00
U115	Removal and Disposal of Existing Light Fixures	units	\$ 939.28	\$ 720.78	\$ 684.98
U120	Cast In Place Concrete Base - Supply and Install	units	\$ 2,764.05	\$ 2,329.18	
U125	Street Light Standard - Supply and Install	units	\$ 2,373.99	\$ 3,002.94	\$ 2,833.76
U130	Salvaged Street Light Standard - Install	poles	\$ 884.17	\$ 1,173.22	\$ 574.72
U135	Distribution Enclosure - Supply and Install	units	\$ 12,850.38	\$ 8,989.43	
X205	Asphalt Surfacing (Remove and Dispose)	m3		\$ 30.86	
X215	Removing Curb and Gutter	m	\$ 266.67	\$ 29.14	

**PROVINCIAL, Weighted Unit Price Averages
Based on 2015, 2016 and 2017 Construction Prices
tendered between August 01, 2015 and Nov 30, 2016**

Item	Description	Unit	Avg. 3 low bids for Construction Year		
			2015	2016	2017
X220	Removing Concrete Surface	m2	\$ 266.67	\$ 21.98	
X230	Removing Catch Basin	units	\$ 4,333.33	\$ 2,087.56	
X235	Removing Curb	m	\$ 200.00	\$ 23.03	
X300	Concrete Sidewalk (all widths)	m		\$ 229.24	
X310	Monolithic Sidewalk, Curb and Gutter (all widths)	m		\$ 263.19	
X315	Monolithic Sidewalk, Curb and Gutter (all widths) (Comm	m		\$ 378.82	
X320	Concrete Curb (all Types)	m	\$ 78.50	\$ 61.41	\$ 94.90
X325	Curb and Gutter (all heights)	m	\$ 141.03	\$ 125.20	\$ 124.08
X346	Rock Rip-Rap - Hand Laid	m2	\$ 450.00	\$ 104.49	\$ 100.43
X350	Solid Concrete Islands	m2	\$ 160.96	\$ 100.63	\$ 369.17
X355	Concrete Barrier	m		\$ 330.66	
X360	Concrete Swale	m		\$ 223.61	
X400	Solid Concrete Medians	m2		\$ 95.73	\$ 119.47
X415	Granular Fill for Medians	t	\$ 52.42	\$ 38.27	
X435	Median Asphalt Concrete Surfacing	t	\$ 192.64	\$ 182.17	
X440	Median Concrete Surfacing	m2	\$ 90.04	\$ 97.66	\$ 62.90
X510	Cutting of Pavement Edge	m	\$ 7.87	\$ 8.12	\$ 9.72

**Regional, Weighted Unit Price Averages
Based on 2017 Construction Prices
tendered between August 01, 2016 and Dec 31, 2016**

Sufficient data for 2017 Construction Year
is not available yet .

Bridge Rehabilitation Monthly/Annual Unit Cost		2014				2015				2016 Monthly Unit Cost												2016 Annual Unit Cost			
No	Common Bid Items	Unit	\$/unit	\$/unit	%+/-	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	E Est	Qty	\$/unit	%+/-				
1	Surface Removal	m ²	62	26	-58.08	96	22		91				61	65		11		275,473	5,591	49	88.96				
2	Deck Sandblasting	m ²	17	17	-2.207	30	15						16	16				65,899	4,023	16	-2.41				
3	Partial Depth Repairs - Deck	m ²	497	625	25.58		493		837			1,553	472	584		381		274,718	461	596	-4.60				
4	Partial Depth Repairs - Abutment	m ²	1,645	1,297	-21.18	1,383	1,473		1,494				1,180	1,488		1,120		32,675	25	1,307	0.80				
5	Partial Depth Repairs - Pier	m ²	4,292	1,598	-62.78			261				3,345	1,215	5,858		725		56,615	101	562	-64.85				
6	Partial Depth Repairs - Curb/Barrier/Parapet	m ²	1,237	1,115	-9.856	1,550	1,094		1,515			3,140		871				42,440	23	1,821	63.38				
7	Partial Depth Repairs - Deck Underside	m ²	2,182	1,339	-38.6		817	1,662	4,267			4,582	1,432	2,458		1,178		230,568	132	1,741	30.01				
8	Full Depth Repairs	m ²	1,340	1,586	18.37		827		3,075			35,300	1,072	1,897		2,167		209,598	119	1,761	11.08				
9	Shear Key Repairs	m	438	124	-71.64																N/A				
10	Crack Repair - Gravity Fed Epoxy	m	75	103	37.25		137		369					67		124		53,614	480	112	8.67				
11	Crack Repair - Pressure Injected Epoxy	m	547	677	23.71		171					650		519		231		46,582	140	333	-50.83				
12	Supply Reinforcing Steel - Plain	kg	1.47	3.50	138.6			1.81	1.83					3.88				8,212	4,498	1.83	-47.91				
13	Supply Reinforcing Steel - Epoxy-coated	kg			N/A																N/A				
14	Supply Reinforcing Steel - Stainless Steel	kg			N/A	13.67			11.33					7.72				47,888	5,015	9.55	N/A				
15	Supply Reinforcing Steel - Galvanized	kg			N/A																N/A				
16	Supply Reinforcing Steel - Corrosion Resistant	kg	7.42	5.30	-28.58	6.47			5.67							4.78		155,788	26,895	5.79	9.35				
17	Placement of Reinforcing Steel	kg	1.51	1.85	22.29	1.84		1.93	2.02					3.43		1.96		74,910	36,408	2.06	11.15				
18	Supply of Concrete - Class B	m ³			N/A																N/A				
19	Supply of Concrete - Class C	m ³	430		N/A			2,011						1,276				113,881	57	1,998	N/A				
20	Supply of Concrete - Class HPC	m ³	2,274	2,405	5.76	2,433			2,840					3,331		3,356		519,447	183	2,839	18.04				
21	Deck Joint Replacement - Compression Seal	m	970	926	-4.612																N/A				
22	Deck Joint Replacement - Type 1 Strip Seal	m	3,008	2,646	-12.04		1,964	2,397				3,916	1,907	1,999		1,876		576,088	253	2,278	-13.90				
23	Deck Joint Replacement - Cover Plated V-Seal	m	8,642	6,655	-22.99																N/A				
24	Deck Joint Replacement - Finger Plate	m		14,626	N/A																N/A				
25	Deck Joint Replacement - PMA	m			N/A																N/A				
26	Deck Overlay Concrete	m ³	1,254	1,531	22.06		991						969	2,843				347,849	238	1,462	-4.53				
27	Placement Deck Overlay Concrete	m ²	115	112	-3.015		91						106	175				397,141	3,693	108	-3.57				
28	Polymer Wearing Surface	m ²	163		N/A																N/A				
29	Chipseal Coat on Bridge Deck	m ²			N/A																N/A				
30	Polymer Modified Asphalt	m ²			N/A																N/A				
31	Deck Waterproofing	t	74	145	96.02				68								45	120,765	2,004	60	-58.36				
32	Asphalt Concrete Pavement - Mix Type H2	t	570	343	-39.84				265				802	936		222		218,271	637	343	-0.06				
33	Asphalt Concrete Pavement - Mix Type M1	t	440		N/A		400											29,967	75	400	N/A				
34	Bridgerail - Thriebeam	m		498	N/A				295									16,873	57	295	-40.77				
35	Bridgerail - Double Tube	m			N/A								477			501		219,195	450	487	N/A				
36	Bridgerail - Retrofit Bridgerail	m	917		N/A																N/A				
37	Bridgerail - Double Layer W-Beam	m	86	133	54.29																N/A				
38	Bridgerail - Barrier Top Rail	m			N/A																N/A				
39	Approach Slab Void Grout	m ³	892	2,797	213.5			1,403						1,029		1,242		36,988	28	1,321	-52.77				
40	Concrete Slope Protection - Replacement	m ³	572	489	-14.39																N/A				
41	Concrete Slope Protection - Void Grout	unit	845	850	0.55																N/A				
42	Lateral Stressing	unit			N/A																N/A				
43	Underslung/Retrofit Diaphragm	unit		19,376	N/A		31,976											479,643	15	31,976	65.03				

SOUTHERN REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
B152 Granular Fill (Pit-run) - Des. 6	6	\$864,824	41,920	t	\$20.63
B153 Granular Fill - Des. 2	3	\$61,316	2,790	t	\$21.98
B155 Granular Fill , 6, 125	1	\$82,089	3,650	t	\$22.49
B180 Preparing Subgrade Surface (First Layer)	3	\$169,100	223,440	m2	\$0.76
B282 Granular Base Course - Des. 2 Cl. 25	12	\$2,937,461	157,115	t	\$18.70
C056 Topsoil and Subsoil Placement	1	\$37,548	4,200	m3	\$8.94
C060 Common Excavation - Civil Projects	1	\$34,029	5,700	m3	\$5.97
C064 Wet Excavation - Type 2	1	\$21,346	2,600	m3	\$8.21
C069 Random Fill Zone 2A	1	\$19,824	2,800	m3	\$7.08
C080 Road Gravel Zone 4B	1	\$11,526	200	m3	\$57.63
C090 Pitrun Gravel Zone 4C	1	\$25,140	500	m3	\$50.28
C091 Pitrun Gravel Zone 4C	2	\$86,270	5,300	t	\$16.28
C102 Coarse Rip-rap Bedding Zone 5B	1	\$71,760	1,000	m3	\$71.76
C106 Gravel Armour Zone 5C	3	\$166,958	3,430	t	\$48.68
C130 Riprap Zone 6B	1	\$232,110	1,800	m3	\$128.95
C150 Fine Filter Zone 3A	1	\$19,672	340	m3	\$57.86
C160 Coarse Filter Zone 3B	1	\$3,675	50	m3	\$73.50
C200 Geotextile	1	\$3,352	800	m2	\$4.19
C225 Erosion Control Blanket	1	\$14,352	4,800	m2	\$2.99
C230 Drill Seeding	1	\$6,675	8,900	m2	\$0.75
C250 Barbed Wire Fence	1	\$3,290	450	m	\$7.31
C254 Barbed Wire Fencing and Gates	1	\$21,428	1,100	m	\$19.48
C260 Texas Gates	1	\$1,017	1	Each	\$1,016.53
C265 Vehicle Access Control Gate	1	\$21,912	4	Each	\$5,478.00
D100 Culverts - Remove and Dispose (C.S.P.) (up to 700 mm dia.)	11	\$99,671	1,047	m	\$95.20
D105 Culverts - Remove and Dispose (C.S.P.) (over 700 mm dia.)	6	\$23,726	196	m	\$121.05
D200 Granular Backfill - Culverts	1	\$2,869	40	m3	\$71.72
D235 Granular Backfill - Culverts	1	\$2,655	90	t	\$29.50
D400 Culverts - Supply and Install (400 mm dia. C.S.P.)	1	\$2,752	13	m	\$211.67
D405 Culverts - Supply and Install (500 mm dia. C.S.P.)	2	\$50,790	206	m	\$246.55
D410 Culverts - Supply and Install (600 mm dia. C.S.P.)	9	\$227,945	1,070	m	\$213.03
D425 Culverts - Supply and Install (800 mm dia. C.S.P.)	5	\$60,212	265	m	\$227.22
D430 Culverts - Supply and Install (900 mm dia. C.S.P.)	4	\$90,722	315	m	\$288.01
D435 Culverts - Supply and Install (1200 mm dia. C.S.P.)	3	\$30,025	43	m	\$698.26
D465 Culverts - Supply and Install (600 mm dia. R.C.P.)	1	\$3,604	6	m	\$600.67
D540 Grouting of Abandoned Culverts	2	\$63,631	124	m3	\$513.15
D555 Riprap - Random - Supply and Place	2	\$5,216	10	m3	\$521.58
D615 Perforated Pipe	3	\$53,496	470	m	\$113.82
D732 Adjust Manholes	1	\$2,966	3	units	\$988.59
D734 Adjust Water Valve	1	\$1,019	2	units	\$509.52
E325 Gabion Baskets - Supply and Install	1	\$61,385	180	m3	\$341.03
E345 Geotextile for Gabions - Supply and Install	1	\$2,036	270	m2	\$7.54
E420 Stone Barrier	1	\$134,000	838	m3	\$160.00
E435 Geotextile Fence Barrier - Ditch	10	\$40,906	3,058	m	\$13.38
E452 Geotextile - Nonwoven (Supply and Install)	3	\$44,857	8,300	m2	\$5.40
E454 Geotextile for Materials Separation - Supply and Install	1	\$1,866	350	m2	\$5.33
E456 Geotextile for Stabilization - Supply and Install	1	\$3,300	1,200	m2	\$2.75
E505 Soil Covering (Medium Flow)	4	\$140,251	25,580	m2	\$5.48
E510 Soil Covering (High Flow)	5	\$18,857	3,560	m2	\$5.30
E515 Synthetic Permeable Ditch Barrier	1	\$5,831	350	m	\$16.66
E607 Drill Seeding	4	\$82,104	65	ha	\$1,272.14
E608 Broad-Cast Seeding	4	\$8,292	1	ha	\$6,234.53
E609 Hydro-Seeding	7	\$60,240	4	ha	\$14,411.40
E610 Slope Texturing	1	\$9,030	12,900	m2	\$0.70

SOUTHERN REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
F188 Excavation - Structural	1	\$4,668	250	m3	\$18.67
F195 Backfill - Non-Granular	1	\$4,481	130	m3	\$34.47
F203 Backfill - Crushed Granular, 2, 25	1	\$18,291	220	m3	\$83.14
F495 CSP with Couplers - Supply	2	\$75,365	168	m	\$448.60
F496 CSP - Assembly	2	\$22,296	168	m	\$132.71
F500 Heavy Rock RipRap (Class 1)	4	\$48,082	245	m3	\$196.25
F505 Heavy Rock RipRap (Class 1M)	2	\$12,812	70	m3	\$183.03
F515 Heavy Rock RipRap (Class 2)	4	\$457,318	2,926	m3	\$156.29
F525 Heavy Rock RipRap (Class 3)	2	\$1,900,200	16,520	m3	\$115.02
F755 Surface Removal	1	\$51,040	2,015	m2	\$25.33
F760 Partial Depth Repair	3	\$92,032	69	m2	\$1,333.79
F765 Full Depth Repair	1	\$13,620	20	m2	\$681.00
F770 Sandblasting (Deck Surface)	1	\$23,314	2,015	m2	\$11.57
F775 Deck Overlay Concrete	1	\$122,223	131	m3	\$933.00
F776 Placement Deck Overlay Concrete	1	\$139,700	2,015	m2	\$69.33
F812 Supply of Piling - H-Pile	1	\$10,362	34	m	\$304.76
F816 Pile Set-up	1	\$9,389	3	piles	\$3,129.73
F818 Pile Driving	1	\$20,995	34	m	\$617.51
F834 Concrete - Class C	1	\$105,917	160	m3	\$661.98
F852 Epoxy-coated Reinforcing Steel - Supply	1	\$24,282	11,400	kg	\$2.13
F980 Asphalt Concrete Pavement - Mix Type H2 (150-200A)	1	\$27,350	75	t	\$364.67
F992 Supply and Install Sign Panels - Extruded Aluminum	1	\$34,400	80	m2	\$430.00
G210 Rippable Rock - Premium	1	\$43,764	1,200	m3	\$36.47
G220 Channel Excavation	8	\$63,545	4,680	m3	\$13.58
G225 Common Excavation	13	\$3,786,590	1,010,750	m3	\$3.75
G235 Borrow Excavation	2	\$48,145	1,129	m3	\$42.64
G239 Overhaul	1	\$99,000	165,000	m3.km	\$0.60
G270 Sideslope Improvement	3	\$844,094	24	km	\$35,842.61
G300 Topsoil Placement	13	\$358,422	706,828	m2	\$0.51
G452 Remove and Dispose of Existing Fence	11	\$55,191	19	km	\$2,920.16
G475 New Fence - Supply and Install - Class B	11	\$185,833	22	km	\$8,501.05
G483 New Fence - Supply and Install - Class F	1	\$180,650	2	km	\$116,548.33
M102 Crack Repair - Spray Patch	3	\$267,518	53,750	m	\$4.98
Q185 Gravel Surfacing - Des. 4 Cl. 20	2	\$8,157	66	t	\$123.58
Q186 Gravel Surfacing - Des. 4 Cl. 25	10	\$169,911	8,375	t	\$20.29
Q510 Asphalt Mix For Others	1	\$53,580	1,000	t	\$53.58
Q565 Cold Milling Asphalt Pavement	7	\$1,646,301	692,680	m2	\$2.38
Q700 Removal of Asphalt Concrete Pavement from Bridge Decks	1	\$2,380	60	m2	\$39.67
Q722 Supply and Place Fog Coat	2	\$45,042	34,245	m2	\$1.32
Q785 Chip Seal Coat - Des. 3 Cl. 12.5BW	1	\$378,322	108,092	m2	\$3.50
Q798 Chip Seal Coat - Bridge Decks	1	\$9,159	682	m2	\$13.43
Q991 Asphalt Concrete Pavement - EPS Mix Type H2	3	\$8,078,994	127,800	t	\$63.22
Q992 Asphalt Concrete Pavement - EPS Mix Type M1	2	\$7,603,196	119,150	t	\$63.81
Q993 Asphalt Concrete Pavement - EPS Mix Type L1	7	\$7,960,758	113,120	t	\$70.37
Q994 Asphalt Concrete Pavement - EPS Mix Type S1	2	\$865,065	10,950	t	\$79.00
Q996 Asphalt Concrete Pavement - EPS Mix Type S3	4	\$7,356,145	138,800	t	\$53.00
S205 Remove and Dispose of Existing Signs - One Post	1	\$307	1	signs	\$306.67
S261 Concrete Base - Supply and Install	3	\$47,353	36	units	\$1,315.37
S271 Supply of Signs, Extruded Aluminum	3	\$19,615	58	m2	\$339.06
S272 Supply of Signs, Aluminum	6	\$19,919	94	m2	\$211.75
S273 Supply of Signs, Aluminum - 3M Diamond Grade (VIP)	4	\$29,001	111	m2	\$260.35
S275 Removal and Reinstallation or Disposal of Existing Signs - One Post	8	\$95,194	441	signs	\$215.86
S277 Removal and Reinstallation or Disposal of Existing Signs - Two Posts	7	\$21,914	43	signs	\$509.62
S283 Concrete Base - Remove and Reinstall	1	\$2,112	3	units	\$704.00
S288 Install Sign - Less than 1 m2	8	\$34,337	465	signs	\$73.84

SOUTHERN REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
S289 Install Sign - 1 m2 to 3 m2	6	\$15,091	47 signs		\$321.08
S290 Install Sign - over 3 m2	2	\$5,427	9 signs		\$603.00
S291 Remove and Reinstall Breakaway Steel Posts	1	\$1,565	3 posts		\$521.67
S292 Remove and Dispose - Breakaway Steel Posts	3	\$8,381	20 posts		\$419.07
S309 Pavement Messages - Gore Area	3	\$10,355	9 messages		\$1,150.56
S310 Pavement Messages - Turn Arrow (Single or Double)	2	\$7,607	50 messages		\$152.14
S315 Pavement Messages - Stop Bar	2	\$2,063	14 messages		\$147.38
S320 Pavement Messages - Stop Ahead	1	\$217	1 messages		\$216.67
S321 Pavement Messages - STOP	1	\$507	4 messages		\$126.67
S326 Pavement Messages - Railway Crossing	1	\$827	4 messages		\$206.67
S329 Pavement Message Markings - Removal	1	\$7,393	1 messages		\$7,393.33
S342 Durable Pavement Messages - Stop Bar	8	\$53,628	92 messages		\$582.91
S344 Durable Pavement Messages - Stop Ahead	4	\$8,114	11 messages		\$737.68
S345 Durable Pavement Messages - Aircraft Patrol Zone	1	\$1,999	2 messages		\$999.63
S347 Durable Pavement Messages - STOP	4	\$15,064	40 messages		\$376.61
S349 Removal of Existing Durable Pavement Messages	1	\$530	2 messages		\$265.00
S350 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 2 Edge Lines)	13	\$131,607	168 km		\$783.70
S351 Roadway Lines - Supplying Paint and Painting (Lane Dividing and 2 Edge Lines)	3	\$34,924	43 km		\$815.02
S352 Roadway Lines - Supplying Paint and Painting (Lane Dividing Lines)	3	\$1,480	4 km		\$331.81
S355 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 1 Edge Line)	1	\$477	1 km		\$453.99
S360 Intersection Lines - Supplying Paint and Painting	9	\$23,706	63 intersection		\$376.28
S370 Interchange Lines - Supplying Paint and Painting	1	\$1,138	1 interchange		\$1,138.33
S700 Milled Rumble Strips for Stop Conditions	3	\$14,364	7 sets		\$2,052.05
S706 Milled Rumble Strips	6	\$103,077	118 km		\$872.79
S730 Supply and Install Breakaway Steel Posts - W150 X 14	2	\$11,088	10 m		\$1,108.80
S735 Supply and Install Breakaway Steel Posts - W200 X 15	1	\$15,036	14 m		\$1,074.00
S740 Supply and Install Breakaway Steel Posts - W150 X 22	1	\$16,000	12 m		\$1,333.33
S765 Cluster Frames - Supply and Install	2	\$752	2 frames		\$376.00
S772 Supply and Install Post (100mm X 150mm)	8	\$64,647	367 posts		\$176.15
S773 Supply and Install Post (150mm X 200mm)	2	\$10,562	38 posts		\$277.94
S800 W-Beam Guardrail - Supply and Install	2	\$14,059	32 m		\$439.33
S805 Strong Post W-Beam Guardrail - Supply and Install	6	\$260,818	1,991 m		\$131.00
S815 Cable Barrier - Supply and Install	1	\$113,904	1,800 m		\$63.28
S825 Remove and Dispose of Existing Guardrail	8	\$156,543	6,860 m		\$22.82
S830 Flexible Guide Post/Delineators - Round - Supply and Install	13	\$114,152	1,642 posts		\$69.52
U100 Trenching and Backfilling	1	\$7,503	455 m		\$16.49
U115 Removal and Disposal of Existing Light Fixures	1	\$623	8 units		\$77.84
U130 Salvaged Street Light Standard - Install	1	\$6,686	8 poles		\$835.75
X355 Concrete Barrier	1	\$129,354	210 m		\$615.97
X415 Granular Fill for Medians	1	\$5,525	70 t		\$78.93
X440 Median Concrete Surfacing	1	\$18,150	150 m2		\$121.00
X510 Cutting of Pavement Edge	11	\$111,433	11,126 m		\$10.02

CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
A500 Crush to Stockpile	1	\$299,880	42,000	m3	\$7.14
A805 Supply of Aggregate - No Option	4	\$34,543	129,500	t	\$0.27
B100 Subgrade Excavation	14	\$221,307	14,880	m3	\$14.87
B152 Granular Fill (Pit-run) - Des. 6	11	\$888,482	43,975	t	\$20.20
B153 Granular Fill - Des. 2	8	\$163,932	6,555	t	\$25.01
B180 Preparing Subgrade Surface (First Layer)	7	\$486,400	314,100	m2	\$1.55
B181 Preparing Subgrade Surface (Second Layer)	2	\$114,392	229,600	m2	\$0.50
B185 Preparing Granular Surface	2	\$54,136	45,800	m2	\$1.18
B282 Granular Base Course - Des. 2 Cl. 25	10	\$6,153,145	274,580	t	\$22.41
C055 Topsoil and Subsoil Stripping	2	\$2,552	229	m3	\$11.14
C225 Erosion Control Blanket	2	\$1,810	379	m2	\$4.78
C230 Drill Seeding	2	\$3,753	1,029	m2	\$3.65
D100 Culverts - Remove and Dispose (C.S.P.) (up to 700 mm dia.)	14	\$86,519	833	m	\$103.85
D105 Culverts - Remove and Dispose (C.S.P.) (over 700 mm dia.)	4	\$8,663	56	m	\$154.70
D110 Culverts - Remove and Dispose	1	\$3,491	44	m	\$79.33
D200 Granular Backfill - Culverts	1	\$1,173	16	m3	\$73.33
D235 Granular Backfill - Culverts	6	\$60,121	1,567	t	\$38.37
D400 Culverts - Supply and Install (400 mm dia. C.S.P.)	1	\$45,584	220	m	\$207.20
D405 Culverts - Supply and Install (500 mm dia. C.S.P.)	2	\$58,158	244	m	\$238.35
D410 Culverts - Supply and Install (600 mm dia. C.S.P.)	14	\$258,944	863	m	\$300.05
D425 Culverts - Supply and Install (800 mm dia. C.S.P.)	3	\$22,357	43	m	\$519.94
D430 Culverts - Supply and Install (900 mm dia. C.S.P.)	1	\$8,986	26	m	\$345.62
D431 Culverts - Supply and Install (1000 mm dia. C.S.P.)	2	\$30,443	135	m	\$225.50
D465 Culverts - Supply and Install (600 mm dia. R.C.P.)	1	\$2,640	3	m	\$880.00
D480 Culverts - Supply and Install (600 mm dia. P.V.C.)	1	\$11,807	28	m	\$421.67
D525 Smoothwall Steel Pipe Culvert - Supply and Auger (900 mm dia.)	1	\$60,458	60	m	\$1,007.63
D540 Grouting of Abandoned Culverts	2	\$32,797	52	m3	\$630.71
D545 Grouting Liners	1	\$4,112	3	m3	\$1,370.67
D607 Filter Material	1	\$3,440	12	m3	\$286.67
D615 Perforated Pipe	1	\$25,250	150	m	\$168.33
D728 Manholes - Supply and Install (1200 mm dia. Std. Length)	1	\$33,991	6	units	\$5,665.24
D730 Manholes - Supply and Install (1200 mm dia x Excess Length)	1	\$6,524	3	m	\$2,038.76
D732 Adjust Manholes	4	\$12,641	19	units	\$665.31
D734 Adjust Water Valve	3	\$2,848	7	units	\$406.82
D787 Concrete Storm Sewer - Supply and Install (all dia.)	2	\$149,154	457	m	\$326.38
D830 Culvert Liner - Supply and Install (450 mm Dia.)	1	\$9,407	23	m	\$409.00
D845 Culvert Liner - Supply and Install (750 mm Dia.)	1	\$21,653	32	m	\$676.67
E325 Gabion Baskets - Supply and Install	1	\$51,584	125	m3	\$412.67
E331 Gabion Mattress - Supply and Install	1	\$35,401	180	m2	\$196.67
E420 Stone Barrier	1	\$58,209	275	m3	\$211.67
E435 Geotextile Fence Barrier - Ditch	11	\$54,926	3,172	m	\$17.32
E452 Geotextile - Nonwoven (Supply and Install)	8	\$51,525	13,030	m2	\$3.95
E453 Geogrid - Supply and Install	4	\$26,867	4,340	m2	\$6.19
E454 Geotextile for Materials Separation - Supply and Install	2	\$18,654	6,055	m2	\$3.08
E456 Geotextile for Stabilization - Supply and Install	4	\$23,530	6,360	m2	\$3.70
E500 Soil Covering (Low Flow)	1	\$2,499	300	m2	\$8.33
E505 Soil Covering (Medium Flow)	7	\$33,562	6,680	m2	\$5.02
E510 Soil Covering (High Flow)	2	\$27,543	8,700	m2	\$3.17
E515 Synthetic Permeable Ditch Barrier	1	\$9,357	300	m	\$31.19
E607 Drill Seeding	1	\$4,754	2	ha	\$2,716.67
E608 Broad-Cast Seeding	3	\$16,479	7	ha	\$2,459.55
E609 Hydro-Seeding	1	\$18,580	2	ha	\$10,678.07
E610 Slope Texturing	1	\$9,760	16,000	m2	\$0.61
F188 Excavation - Structural	1	\$4,734	200	m3	\$23.67

CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
F189	Excavation - Channel	1	\$2,400	90 m3	\$26.67
F195	Backfill - Non-Granular	1	\$9,720	360 m3	\$27.00
F200	Backfill - Pit Run Granular - Des. 6 Cl. 80	1	\$6,200	120 m3	\$51.67
F203	Backfill - Crushed Granular, 2, 25	1	\$28,050	510 m3	\$55.00
F493	SPCSP - Supply	1	\$56,550	59 m	\$966.67
F494	SPCSP - Assembly	1	\$38,610	59 m	\$660.00
F500	Heavy Rock RipRap (Class 1)	9	\$203,520	1,018 m3	\$199.92
F505	Heavy Rock RipRap (Class 1M)	6	\$67,741	361 m3	\$187.65
F515	Heavy Rock RipRap (Class 2)	3	\$96,458	775 m3	\$124.46
F525	Heavy Rock RipRap (Class 3)	4	\$124,124	470 m3	\$264.09
F755	Surface Removal	3	\$78,104	1,739 m2	\$44.91
F760	Partial Depth Repair	10	\$190,377	136 m2	\$1,395.73
F765	Full Depth Repair	2	\$7,233	4 m2	\$1,808.35
F770	Sandblasting (Deck Surface)	3	\$42,788	1,739 m2	\$24.60
F775	Deck Overlay Concrete	2	\$131,653	110 m3	\$1,199.02
F776	Placement Deck Overlay Concrete	3	\$322,365	1,479 m2	\$218.01
F812	Supply of Piling - H-Pile	4	\$98,896	684 m	\$144.58
F816	Pile Set-up	3	\$139,773	84 piles	\$1,663.96
F818	Pile Driving	3	\$81,381	947 m	\$85.94
F822	Pile Concrete	1	\$35,936	76 m3	\$472.84
F824	Drill Rig Set-up	1	\$23,437	16 piles	\$1,464.83
F826	Pile Installation	2	\$19,269	422 m	\$45.66
F834	Concrete - Class C	4	\$250,368	235 m3	\$1,065.40
F841	Concrete - Class HPC	4	\$834,343	357 m3	\$2,340.37
F850	Plain Reinforcing Steel - Supply	3	\$56,880	36,649 kg	\$1.55
F854	Reinforcing Steel - Place	6	\$125,398	90,859 kg	\$1.38
F974	Deck Waterproofing	2	\$43,530	842 m2	\$51.70
F980	Asphalt Concrete Pavement - Mix Type H2 (150-200A)	2	\$67,213	163 t	\$412.35
F982	Asphalt Concrete Pavement - Mix Type M1 (200-300A)	2	\$130,420	322 t	\$405.28
G100	Clearing	2	\$16,349	1 ha	\$11,677.91
G105	Clearing and Timber Salvage	1	\$4,015	0.3 ha	\$13,844.83
G220	Channel Excavation	9	\$41,602	3,925 m3	\$10.60
G225	Common Excavation	6	\$584,851	78,298 m3	\$7.47
G236	Borrow Excavation - Contractor's Supply	4	\$599,297	52,540 m3	\$11.41
G270	Sideslope Improvement	5	\$591,002	19 km	\$31,436.26
G300	Topsoil Placement	7	\$105,269	103,489 m2	\$1.02
G452	Remove and Dispose of Existing Fence	4	\$12,229	3 km	\$4,145.48
G470	New Fence - Supply and Install - Class A	1	\$1,663	0.05 km	\$33,266.60
G475	New Fence - Supply and Install - Class B	4	\$29,460	2 km	\$12,024.45
M103	Transverse Crack Repair - Mill & Fill	2	\$529,635	8,050 m	\$65.79
Q185	Gravel Surfacing - Des. 4 Cl. 20	5	\$76,321	2,455 t	\$31.09
Q186	Gravel Surfacing - Des. 4 Cl. 25	8	\$280,708	9,469 t	\$29.64
Q560	Cold Milling Asphalt Pavement	1	\$19,806	37 m3	\$531.00
Q565	Cold Milling Asphalt Pavement	14	\$2,602,742	1,162,320 m2	\$2.24
Q567	Supply Rejuvenating Agent	2	\$14,767	8,580 l	\$1.72
Q700	Removal of Asphalt Concrete Pavement from Bridge Decks	1	\$11,160	310 m2	\$36.00
Q990	Asphalt Concrete Pavement - EPS Mix Type H1	6	\$16,164,277	222,600 t	\$72.62
Q991	Asphalt Concrete Pavement - EPS Mix Type H2	9	\$21,498,827	327,170 t	\$65.71
Q992	Asphalt Concrete Pavement - EPS Mix Type M1	6	\$10,723,060	163,650 t	\$65.52
Q993	Asphalt Concrete Pavement - EPS Mix Type L1	3	\$7,541,458	110,600 t	\$68.19
Q994	Asphalt Concrete Pavement - EPS Mix Type S1	3	\$540,806	7,050 t	\$76.71
Q996	Asphalt Concrete Pavement - EPS Mix Type S3	7	\$8,061,418	133,700 t	\$60.29
S261	Concrete Base - Supply and Install	3	\$84,027	63 units	\$1,333.76
S270	Supply of Signs, 3/4" Plywood	6	\$7,390	31 m2	\$241.75
S271	Supply of Signs, Extruded Aluminum	3	\$64,043	177 m2	\$362.64

CENTRAL REGION, Weighted Unit Price Averages

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Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
S272 Supply of Signs, Aluminum	15	\$26,401	127	m2	\$207.55
S273 Supply of Signs, Aluminum - 3M Diamond Grade (VIP)	12	\$25,592	91	m2	\$282.26
S275 Removal and Reinstallation or Disposal of Existing Signs - One Post	14	\$72,947	357	signs	\$204.33
S277 Removal and Reinstallation or Disposal of Existing Signs - Two Posts	9	\$21,030	49	signs	\$429.18
S288 Install Sign - Less than 1 m2	15	\$57,803	574	signs	\$100.70
S289 Install Sign - 1 m2 to 3 m2	8	\$11,650	32	signs	\$364.06
S290 Install Sign - over 3 m2	4	\$23,454	32	signs	\$732.95
S292 Remove and Dispose - Breakaway Steel Posts	2	\$5,248	20	posts	\$262.40
S309 Pavement Messages - Gore Area	1	\$9,000	6	messages	\$1,500.00
S310 Pavement Messages - Turn Arrow (Single or Double)	1	\$4,440	36	messages	\$123.33
S315 Pavement Messages - Stop Bar	3	\$5,496	35	messages	\$157.03
S320 Pavement Messages - Stop Ahead	1	\$175	1	messages	\$175.44
S326 Pavement Messages - Railway Crossing	1	\$1,460	6	messages	\$243.33
S341 Durable Pavement Messages - Turn or Straight Arrows (Single or Double)	8	\$44,295	188	messages	\$235.61
S342 Durable Pavement Messages - Stop Bar	14	\$61,596	115	messages	\$535.61
S343 Durable Pavement Messages - Railway Crossing	4	\$5,607	7	messages	\$800.95
S344 Durable Pavement Messages - Stop Ahead	8	\$13,991	16	messages	\$874.46
S345 Durable Pavement Messages - Aircraft Patrol Zone	1	\$5,820	2	messages	\$2,910.00
S346 Durable Pavement Messages - Pedestrian Crossing	2	\$20,688	25	messages	\$827.51
S347 Durable Pavement Messages - STOP	4	\$5,647	13	messages	\$434.36
S350 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 2 Edge Lines)	15	\$185,453	251	km	\$740.03
S351 Roadway Lines - Supplying Paint and Painting (Lane Dividing and 2 Edge Lines)	5	\$54,723	83	km	\$658.68
S352 Roadway Lines - Supplying Paint and Painting (Lane Dividing Lines)	4	\$5,198	9	km	\$591.33
S355 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 1 Edge Line)	1	\$2,977	5	km	\$615.00
S360 Intersection Lines - Supplying Paint and Painting	18	\$21,720	120	intersection	\$181.00
S375 Removal of Existing Painted Lines	1	\$4,480	1,000	m	\$4.48
S376 Removal of Existing Roadway Lines	2	\$7,808	2	km	\$4,109.65
S400 Underground Electrical Conduit - Supply and Install - Trench Excavation	1	\$29,748	570	m	\$52.19
S405 Underground Electrical Conduit - Supply and Install - Pushed Conduit	1	\$16,604	260	m	\$63.86
S700 Milled Rumble Strips for Stop Conditions	6	\$28,817	10	sets	\$2,881.66
S706 Milled Rumble Strips	12	\$235,763	293	km	\$804.76
S730 Supply and Install Breakaway Steel Posts - W150 X 14	2	\$38,769	43	m	\$901.61
S735 Supply and Install Breakaway Steel Posts - W200 X 15	1	\$5,200	6	m	\$866.67
S740 Supply and Install Breakaway Steel Posts - W150 X 22	1	\$19,802	14	m	\$1,414.40
S765 Cluster Frames - Supply and Install	3	\$3,900	15	frames	\$260.02
S770 Supply and Install - Wooden Post	2	\$2,694	11	posts	\$244.88
S772 Supply and Install Post (100mm X 150mm)	14	\$68,931	352	posts	\$195.83
S805 Strong Post W-Beam Guardrail - Supply and Install	13	\$654,685	4,837	m	\$135.35
S815 Cable Barrier - Supply and Install	1	\$105,456	1,352	m	\$78.00
S820 Remove, Salvage and Reinstall Existing Guardrail	2	\$25,314	217	m	\$116.65
S822 Supply of Guardrail Posts	1	\$1,324	15	posts	\$88.26
S825 Remove and Dispose of Existing Guardrail	15	\$214,098	7,822	m	\$27.37
S830 Flexible Guide Post/Delineators - Round - Supply and Install	19	\$194,432	2,308	posts	\$84.24
U100 Trenching and Backfilling	1	\$38,998	3,700	m	\$10.54
U105 Secondary Cable - Supply and Install	1	\$53,172	4,530	m	\$11.74
U115 Removal and Disposal of Existing Light Fixures	1	\$10,175	29	units	\$350.85
U120 Cast In Place Concrete Base - Supply and Install	1	\$114,160	48	units	\$2,378.33
U125 Street Light Standard - Supply and Install	1	\$109,987	48	units	\$2,291.39
U135 Distribution Enclosure - Supply and Install	1	\$12,697	1	units	\$12,697.14
X215 Removing Curb and Gutter	1	\$8,466	200	m	\$42.33
X220 Removing Concrete Surface	2	\$24,003	1,220	m2	\$19.67
X230 Removing Catch Basin	1	\$2,399	2	units	\$1,199.68
X235 Removing Curb	1	\$2,413	40	m	\$60.33
X300 Concrete Sidewalk (all widths)	1	\$75,504	430	m	\$175.59
X310 Monolithic Sidewalk, Curb and Gutter (all widths)	1	\$136,350	600	m	\$227.25

CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
X315 Monolithic Sidewalk, Curb and Gutter (all widths) (Commercial Crossings)	1	\$13,667	50	m	\$273.33
X320 Concrete Curb (all Types)	1	\$12,325	75	m	\$164.33
X325 Curb and Gutter (all heights)	2	\$141,840	990	m	\$143.27
X346 Rock Rip-Rap - Hand Laid	2	\$4,580	39	m2	\$117.43
X350 Solid Concrete Islands	1	\$14,409	95	m2	\$151.67
X360 Concrete Swale	1	\$21,002	110	m	\$190.93
X415 Granular Fill for Medians	1	\$13,673	360	t	\$37.98
X435 Median Asphalt Concrete Surfacing	1	\$39,580	220	t	\$179.91
X440 Median Concrete Surfacing	1	\$49,308	400	m2	\$123.27
X510 Cutting of Pavement Edge	15	\$102,022	9,369	m	\$10.89

NORTH CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
A051 Supply of Aggregate - No Option	1	\$44,924	3,620	m3	\$12.41
A500 Crush to Stockpile	1	\$520,200	45,000	m3	\$11.56
A805 Supply of Aggregate - No Option	11	\$1,738,940	836,009	t	\$2.08
B100 Subgrade Excavation	10	\$336,434	17,608	m3	\$19.11
B152 Granular Fill (Pit-run) - Des. 6	10	\$1,437,214	53,800	t	\$26.71
B153 Granular Fill - Des. 2	6	\$392,717	13,795	t	\$28.47
B172 Granular Fill (Pit-run) - Des. 6	1	\$141,453	2,950	m3	\$47.95
B180 Preparing Subgrade Surface (First Layer)	8	\$438,607	438,090	m2	\$1.00
B185 Preparing Granular Surface	1	\$24,347	31,620	m2	\$0.77
B282 Granular Base Course - Des. 2 Cl. 25	11	\$10,138,745	373,440	t	\$27.15
C230 Drill Seeding	1	\$114,557	131	m2	\$874.48
D100 Culverts - Remove and Dispose (C.S.P.) (up to 700 mm dia.)	11	\$149,266	1,397	m	\$106.84
D105 Culverts - Remove and Dispose (C.S.P.) (over 700 mm dia.)	11	\$86,225	624	m	\$138.18
D110 Culverts - Remove and Dispose	1	\$1,283	10	m	\$128.33
D200 Granular Backfill - Culverts	4	\$22,301	1,493	m3	\$14.94
D235 Granular Backfill - Culverts	6	\$122,171	4,128	t	\$29.60
D400 Culverts - Supply and Install (400 mm dia. C.S.P.)	2	\$10,027	42	m	\$238.73
D405 Culverts - Supply and Install (500 mm dia. C.S.P.)	3	\$58,770	207	m	\$283.91
D410 Culverts - Supply and Install (600 mm dia. C.S.P.)	10	\$418,073	1,758	m	\$237.81
D425 Culverts - Supply and Install (800 mm dia. C.S.P.)	10	\$235,070	832	m	\$282.54
D430 Culverts - Supply and Install (900 mm dia. C.S.P.)	6	\$61,601	163	m	\$377.92
D431 Culverts - Supply and Install (1000 mm dia. C.S.P.)	2	\$20,278	57	m	\$355.76
D435 Culverts - Supply and Install (1200 mm dia. C.S.P.)	5	\$139,000	262	m	\$530.53
D437 Culverts - Supply and Install (1400 mm dia. C.S.P.)	1	\$3,750	3	m	\$1,250.00
D465 Culverts - Supply and Install (600 mm dia. R.C.P.)	1	\$20,800	32	m	\$650.00
D500 Smoothwall Steel Pipe Culvert - Supply and Auger (750 mm dia.)	1	\$144,481	112	m	\$1,290.01
D510 Smoothwall Steel Pipe Culvert - Supply and Auger (600 mm dia.)	1	\$86,400	64	m	\$1,350.00
D520 Smoothwall Steel Pipe Culvert - Supply and Auger (800 mm dia.)	3	\$288,985	183	m	\$1,579.15
D525 Smoothwall Steel Pipe Culvert - Supply and Auger (900 mm dia.)	2	\$203,667	145	m	\$1,404.60
D540 Grouting of Abandoned Culverts	6	\$113,759	223	m3	\$509.90
D545 Grouting Liners	3	\$21,983	29	m3	\$755.41
D555 Riprap - Random - Supply and Place	1	\$9,000	50	m3	\$180.00
D607 Filter Material	1	\$24,819	330	m3	\$75.21
D615 Perforated Pipe	2	\$57,328	454	m	\$126.27
D620 Non-Perforated Pipe - Supply and Install	2	\$10,050	59	m	\$170.34
D732 Adjust Manholes	2	\$14,400	18	units	\$800.00
D733 Adjust Catch Basins	1	\$667	1	units	\$666.67
D734 Adjust Water Valve	2	\$21,992	35	units	\$628.34
D830 Culvert Liner - Supply and Install (450 mm Dia.)	1	\$15,600	26	m	\$600.00
D842 Culvert Liner - Supply and Install (675 mm Dia.)	1	\$15,913	31	m	\$513.33
D845 Culvert Liner - Supply and Install (750 mm Dia.)	1	\$36,667	50	m	\$733.33
E003 Misc. Environmental Work	1	\$14,934	140	plantings	\$106.67
E325 Gabion Baskets - Supply and Install	1	\$183,434	560	m3	\$327.56
E400 Straw Bale Barrier - Slope	1	\$766	2	m	\$383.03
E435 Geotextile Fence Barrier - Ditch	17	\$171,529	16,668	m	\$10.29
E452 Geotextile - Nonwoven (Supply and Install)	2	\$39,283	14,950	m2	\$2.63
E453 Geogrid - Supply and Install	1	\$28,445	7,350	m2	\$3.87
E456 Geotextile for Stabilization - Supply and Install	2	\$93,370	44,390	m2	\$2.10
E505 Soil Covering (Medium Flow)	3	\$140,751	16,630	m2	\$8.46
E510 Soil Covering (High Flow)	10	\$358,340	139,895	m2	\$2.56
E515 Synthetic Permeable Ditch Barrier	4	\$33,179	2,076	m	\$15.98
E607 Drill Seeding	3	\$32,468	28	ha	\$1,149.71
E608 Broad-Cast Seeding	6	\$18,694	15	ha	\$1,278.65
E609 Hydro-Seeding	2	\$43,744	4	ha	\$12,151.01

NORTH CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
E610 Slope Texturing	2	\$77,339	164,950	m2	\$0.47
F188 Excavation - Structural	1	\$27,597	1,960	m3	\$14.08
F189 Excavation - Channel	1	\$1,627	80	m3	\$20.34
F195 Backfill - Non-Granular	1	\$25,181	1,180	m3	\$21.34
F203 Backfill - Crushed Granular, 2, 25	1	\$69,755	785	m3	\$88.86
F495 CSP with Couplers - Supply	3	\$61,801	81	m	\$765.81
F496 CSP - Assembly	3	\$48,855	81	m	\$605.39
F500 Heavy Rock RipRap (Class 1)	12	\$265,833	1,236	m3	\$215.07
F505 Heavy Rock RipRap (Class 1M)	4	\$85,844	404	m3	\$212.49
F515 Heavy Rock RipRap (Class 2)	3	\$611,017	2,818	m3	\$216.83
F525 Heavy Rock RipRap (Class 3)	1	\$636,910	2,272	m3	\$280.33
F755 Surface Removal	4	\$156,667	2,103	m2	\$74.50
F760 Partial Depth Repair	6	\$355,186	290	m2	\$1,224.78
F765 Full Depth Repair	3	\$73,669	42	m2	\$1,754.02
F812 Supply of Piling - H-Pile	3	\$537,659	3,390	m	\$158.60
F816 Pile Set-up	3	\$178,213	207	piles	\$860.93
F818 Pile Driving	3	\$97,352	3,390	m	\$28.72
F820 Loading Tests	1	\$5,695	4	tests	\$1,423.74
F822 Pile Concrete	1	\$843,767	2,523	m3	\$334.43
F824 Drill Rig Set-up	1	\$171,396	137	piles	\$1,251.07
F826 Pile Installation	1	\$353,905	2,163	m	\$163.62
F834 Concrete - Class C	4	\$832,432	452	m3	\$1,841.66
F841 Concrete - Class HPC	2	\$783,197	346	m3	\$2,263.57
F850 Plain Reinforcing Steel - Supply	4	\$445,007	367,780	kg	\$1.21
F852 Epoxy-coated Reinforcing Steel - Supply	1	\$19,359	10,408	kg	\$1.86
F854 Reinforcing Steel - Place	4	\$389,836	431,913	kg	\$0.90
F974 Deck Waterproofing	2	\$95,277	1,763	m2	\$54.04
F980 Asphalt Concrete Pavement - Mix Type H2 (150-200A)	2	\$192,811	797	t	\$241.92
F982 Asphalt Concrete Pavement - Mix Type M1 (200-300A)	2	\$100,555	288	t	\$349.15
G100 Clearing	6	\$102,254	15	ha	\$6,984.59
G105 Clearing and Timber Salvage	1	\$14,723	0.8	ha	\$18,404.08
G220 Channel Excavation	10	\$153,424	18,383	m3	\$8.35
G225 Common Excavation	12	\$4,399,617	896,665	m3	\$4.91
G230 Borrow Topsoil Excavation	1	\$388,800	135,000	m3	\$2.88
G235 Borrow Excavation	1	\$1,986,160	335,500	m3	\$5.92
G236 Borrow Excavation - Contractor's Supply	10	\$2,070,018	170,205	m3	\$12.16
G239 Overhaul	1	\$422,145	265,500	m3.km	\$1.59
G248 Common and/or Borrow Excavation Loaded to Trucks	2	\$89,052	2,920	m3	\$30.50
G270 Sideslope Improvement	6	\$1,488,119	32	km	\$46,988.29
G300 Topsoil Placement	12	\$950,762	1,313,580	m2	\$0.72
G320 Topsoil (Supply and Place)	1	\$12,170	1,000	m2	\$12.17
G452 Remove and Dispose of Existing Fence	8	\$45,727	15	km	\$2,996.52
G455 Taking Down and Re-erecting Existing Fence	1	\$1,759	0.02	km	\$87,928.50
G470 New Fence - Supply and Install - Class A	1	\$0	0.00	km	\$0.00
G475 New Fence - Supply and Install - Class B	7	\$150,885	16	km	\$9,172.32
G482 New Fence - Supply and Install - Class E	1	\$5,950	0.5	km	\$11,666.67
G505 Remove and Reinstall Livestock Guards	1	\$4,613	2	units	\$2,306.43
M102 Crack Repair - Spray Patch	3	\$322,339	62,430	m	\$5.16
M103 Transverse Crack Repair - Mill & Fill	3	\$1,913,964	19,785	m	\$96.74
Q141 Gravel Surfacing - Des. 4 Cl. 25	1	\$2,453	10	m3	\$245.28
Q185 Gravel Surfacing - Des. 4 Cl. 20	4	\$1,031,954	37,370	t	\$27.61
Q186 Gravel Surfacing - Des. 4 Cl. 25	7	\$175,592	6,465	t	\$27.16
Q510 Asphalt Mix For Others	2	\$147,745	2,500	t	\$59.10
Q565 Cold Milling Asphalt Pavement	12	\$4,809,778	1,859,945	m2	\$2.59
Q700 Removal of Asphalt Concrete Pavement from Bridge Decks	2	\$17,762	740	m2	\$24.00

NORTH CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
Q722 Supply and Place Fog Coat	3	\$76,106	130,160	m2	\$0.58
Q770 Graded Aggregate Seal Coat - Des. 3 Cl. 12.5C	1	\$802,120	277,550	m2	\$2.89
Q771 Graded Aggregate Seal Coat - Bridge Decks	1	\$4,340	350	m2	\$12.40
Q785 Chip Seal Coat - Des. 3 Cl. 12.5BW	2	\$3,309,552	1,002,380	m2	\$3.30
Q798 Chip Seal Coat - Bridge Decks	2	\$69,554	4,185	m2	\$16.62
Q990 Asphalt Concrete Pavement - EPS Mix Type H1	1	\$1,198,560	13,200	t	\$90.80
Q991 Asphalt Concrete Pavement - EPS Mix Type H2	6	\$25,214,115	327,750	t	\$76.93
Q992 Asphalt Concrete Pavement - EPS Mix Type M1	14	\$30,698,944	449,990	t	\$68.22
Q993 Asphalt Concrete Pavement - EPS Mix Type L1	3	\$2,623,186	34,260	t	\$76.57
Q994 Asphalt Concrete Pavement - EPS Mix Type S1	2	\$381,047	4,210	t	\$90.51
Q996 Asphalt Concrete Pavement - EPS Mix Type S3	6	\$6,127,466	84,730	t	\$72.32
S205 Remove and Dispose of Existing Signs - One Post	1	\$8,099	89	signs	\$91.00
S210 Remove and Dispose of Existing Signs - Two Post	1	\$1,307	5	signs	\$261.33
S261 Concrete Base - Supply and Install	5	\$82,829	64	units	\$1,294.20
S270 Supply of Signs, 3/4" Plywood	10	\$37,613	139	m2	\$270.71
S271 Supply of Signs, Extruded Aluminum	6	\$56,326	163	m2	\$344.54
S272 Supply of Signs, Aluminum	12	\$43,392	197	m2	\$219.73
S273 Supply of Signs, Aluminum - 3M Diamond Grade (VIP)	14	\$57,502	197	m2	\$292.20
S275 Removal and Reinstallation or Disposal of Existing Signs - One Post	15	\$122,295	696	signs	\$175.71
S277 Removal and Reinstallation or Disposal of Existing Signs - Two Posts	13	\$43,773	116	signs	\$377.35
S283 Concrete Base - Remove and Reinstall	5	\$28,339	27	units	\$1,049.60
S288 Install Sign - Less than 1 m2	16	\$78,762	1,060	signs	\$74.30
S289 Install Sign - 1 m2 to 3 m2	12	\$33,763	102	signs	\$331.01
S290 Install Sign - over 3 m2	6	\$25,443	39	signs	\$652.37
S291 Remove and Reinstall Breakaway Steel Posts	4	\$13,768	30	posts	\$458.93
S292 Remove and Dispose - Breakaway Steel Posts	3	\$7,497	26	posts	\$288.34
S309 Pavement Messages - Gore Area	1	\$1,600	2	messages	\$800.00
S310 Pavement Messages - Turn Arrow (Single or Double)	5	\$11,417	92	messages	\$124.09
S315 Pavement Messages - Stop Bar	5	\$10,802	73	messages	\$147.97
S320 Pavement Messages - Stop Ahead	3	\$1,368	7	messages	\$195.48
S326 Pavement Messages - Railway Crossing	2	\$2,063	6	messages	\$343.89
S341 Durable Pavement Messages - Turn or Straight Arrows (Single or Double)	10	\$48,480	172	messages	\$281.86
S342 Durable Pavement Messages - Stop Bar	11	\$45,610	85	messages	\$536.58
S343 Durable Pavement Messages - Railway Crossing	1	\$867	2	messages	\$433.33
S344 Durable Pavement Messages - Stop Ahead	3	\$3,155	4	messages	\$788.75
S346 Durable Pavement Messages - Pedestrian Crossing	2	\$24,515	27	messages	\$907.96
S347 Durable Pavement Messages - STOP	2	\$1,320	3	messages	\$440.00
S348 Durable Pavement Messages - SCHOOL ZONE	1	\$2,700	2	messages	\$1,350.00
S350 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 2 Edge Lines)	13	\$285,073	434	km	\$656.91
S352 Roadway Lines - Supplying Paint and Painting (Lane Dividing Lines)	6	\$6,091	23	km	\$265.06
S360 Intersection Lines - Supplying Paint and Painting	14	\$26,689	115	intersection	\$232.07
S400 Underground Electrical Conduit - Supply and Install - Trench Excavation	5	\$69,670	6,750	m	\$10.32
S405 Underground Electrical Conduit - Supply and Install - Pushed Conduit	11	\$149,532	2,054	m	\$72.80
S700 Milled Rumble Strips for Stop Conditions	6	\$43,223	21	sets	\$2,058.25
S706 Milled Rumble Strips	7	\$174,296	199	km	\$875.47
S730 Supply and Install Breakaway Steel Posts - W150 X 14	4	\$52,074	60	m	\$867.89
S735 Supply and Install Breakaway Steel Posts - W200 X 15	1	\$4,400	4	m	\$1,100.00
S765 Cluster Frames - Supply and Install	7	\$9,342	23	frames	\$406.19
S770 Supply and Install - Wooden Post	2	\$20,934	128	posts	\$163.55
S772 Supply and Install Post (100mm X 150mm)	15	\$183,453	793	posts	\$231.34
S805 Strong Post W-Beam Guardrail - Supply and Install	11	\$1,289,548	8,938	m	\$144.28
S815 Cable Barrier - Supply and Install	2	\$325,741	2,806	m	\$116.09
S825 Remove and Dispose of Existing Guardrail	14	\$421,898	11,026	m	\$38.26
S830 Flexible Guide Post/Delineators - Round - Supply and Install	17	\$243,525	3,151	posts	\$77.29
U100 Trenching and Backfilling	12	\$118,380	6,886	m	\$17.19

NORTH CENTRAL REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
U105 Secondary Cable - Supply and Install	12	\$89,145	11,587	m	\$7.69
U110 Removal and Salvage of Existing Standards	4	\$12,687	9	units	\$1,409.67
U115 Removal and Disposal of Existing Light Fixures	3	\$34,510	28	units	\$1,232.50
U120 Cast In Place Concrete Base - Supply and Install	1	\$20,003	13	units	\$1,538.67
U125 Street Light Standard - Supply and Install	13	\$330,393	104	units	\$3,176.85
U130 Salvaged Street Light Standard - Install	2	\$7,393	4	poles	\$1,848.16
U135 Distribution Enclosure - Supply and Install	6	\$149,345	17	units	\$8,785.00
X215 Removing Curb and Gutter	4	\$38,237	1,028	m	\$37.20
X220 Removing Concrete Surface	4	\$44,993	1,206	m2	\$37.31
X235 Removing Curb	1	\$2,209	53	m	\$41.67
X300 Concrete Sidewalk (all widths)	2	\$13,420	66	m	\$203.33
X310 Monolithic Sidewalk, Curb and Gutter (all widths)	3	\$134,892	449	m	\$300.43
X325 Curb and Gutter (all heights)	5	\$168,648	1,023	m	\$164.86
X346 Rock Rip-Rap - Hand Laid	1	\$9,004	91	m2	\$98.95
X350 Solid Concrete Islands	2	\$84,113	389	m2	\$216.23
X360 Concrete Swale	1	\$9,000	30	m	\$300.00
X510 Cutting of Pavement Edge	11	\$407,142	56,558	m	\$7.20

PEACE REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

tendered between August 01, 2015 and October 31, 2016

Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
A345 Crush to Stockpile	1	\$244,000	50,000	t	\$4.88
A805 Supply of Aggregate - No Option	5	\$116,051	86,212	t	\$1.35
B100 Subgrade Excavation	10	\$797,618	38,815	m3	\$20.55
B152 Granular Fill (Pit-run) - Des. 6	7	\$914,097	36,340	t	\$25.15
B153 Granular Fill - Des. 2	8	\$714,954	25,710	t	\$27.81
B173 Granular Fill - Des. 2	1	\$5,974	110	m3	\$54.31
B180 Preparing Subgrade Surface (First Layer)	10	\$703,376	362,940	m2	\$1.94
B181 Preparing Subgrade Surface (Second Layer)	2	\$46,340	43,420	m2	\$1.07
B282 Granular Base Course - Des. 2 Cl. 25	15	\$7,714,186	359,800	t	\$21.44
C225 Erosion Control Blanket	1	\$14,515	3,850	m2	\$3.77
D100 Culverts - Remove and Dispose (C.S.P.) (up to 700 mm dia.)	11	\$89,363	1,125	m	\$79.45
D105 Culverts - Remove and Dispose (C.S.P.) (over 700 mm dia.)	12	\$72,180	729	m	\$99.03
D110 Culverts - Remove and Dispose	2	\$17,352	201	m	\$86.37
D200 Granular Backfill - Culverts	2	\$35,248	690	m3	\$51.08
D235 Granular Backfill - Culverts	5	\$29,236	1,964	t	\$14.89
D405 Culverts - Supply and Install (500 mm dia. C.S.P.)	1	\$57,500	230	m	\$250.00
D410 Culverts - Supply and Install (600 mm dia. C.S.P.)	12	\$465,634	1,572	m	\$296.21
D425 Culverts - Supply and Install (800 mm dia. C.S.P.)	6	\$151,077	596	m	\$253.49
D430 Culverts - Supply and Install (900 mm dia. C.S.P.)	6	\$217,353	515	m	\$422.04
D431 Culverts - Supply and Install (1000 mm dia. C.S.P.)	1	\$7,124	14	m	\$508.84
D435 Culverts - Supply and Install (1200 mm dia. C.S.P.)	5	\$304,728	556	m	\$548.07
D440 Culverts - Supply and Install (600 mm dia. C.P.P.)	1	\$7,618	16	m	\$476.12
D500 Smoothwall Steel Pipe Culvert - Supply and Auger (750 mm dia.)	2	\$365,174	402	m	\$908.39
D505 Smoothwall Steel Pipe Culvert - Supply and Auger (500 mm dia.)	1	\$43,327	91	m	\$476.12
D510 Smoothwall Steel Pipe Culvert - Supply and Auger (600 mm dia.)	3	\$101,541	127	m	\$799.53
D520 Smoothwall Steel Pipe Culvert - Supply and Auger (800 mm dia.)	2	\$297,140	242	m	\$1,227.85
D540 Grouting of Abandoned Culverts	10	\$336,048	639	m3	\$525.73
D545 Grouting Liners	1	\$16,823	22	m3	\$750.00
D607 Filter Material	2	\$83,880	1,000	m3	\$83.88
D615 Perforated Pipe	4	\$48,125	695	m	\$69.24
D732 Adjust Manholes	4	\$14,562	16	units	\$910.12
D733 Adjust Catch Basins	1	\$563	1	units	\$563.37
D734 Adjust Water Valve	2	\$9,247	13	units	\$711.32
D760 Catch Basin - Supply and Install (600 mm dia. x 1.83 m)	3	\$44,658	11	units	\$4,059.84
D787 Concrete Storm Sewer - Supply and Install (all dia.)	2	\$71,872	250	m	\$287.49
D835 Culvert Liner - Supply and Install (525 mm Dia.)	1	\$93,500	187	m	\$500.00
D845 Culvert Liner - Supply and Install (750 mm Dia.)	2	\$102,500	205	m	\$500.00
D850 Culvert Liner - Supply and Install (S.W.S.P.) (mm)	5	\$120,184	215	m	\$558.99
E331 Gabion Mattress - Supply and Install	1	\$116,000	1,000	m2	\$116.00
E435 Geotextile Fence Barrier - Ditch	26	\$81,871	5,474	m	\$14.96
E452 Geotextile - Nonwoven (Supply and Install)	4	\$49,302	11,580	m2	\$4.26
E453 Geogrid - Supply and Install	2	\$38,030	5,750	m2	\$6.61
E454 Geotextile for Materials Separation - Supply and Install	1	\$18,360	7,200	m2	\$2.55
E456 Geotextile for Stabilization - Supply and Install	4	\$76,621	24,700	m2	\$3.10
E500 Soil Covering (Low Flow)	2	\$5,330	1,720	m2	\$3.10
E505 Soil Covering (Medium Flow)	4	\$40,960	12,000	m2	\$3.41
E510 Soil Covering (High Flow)	22	\$129,606	25,214	m2	\$5.14
E515 Synthetic Permeable Ditch Barrier	4	\$26,400	1,485	m	\$17.78
E607 Drill Seeding	3	\$17,733	16	ha	\$1,118.82
E608 Broad-Cast Seeding	15	\$59,104	51	ha	\$1,157.10
E609 Hydro-Seeding	2	\$55,211	3	ha	\$21,651.24
E610 Slope Texturing	3	\$32,640	73,775	m2	\$0.44
F188 Excavation - Structural	6	\$222,338	16,180	m3	\$13.74
F189 Excavation - Channel	5	\$32,393	1,990	m3	\$16.28

PEACE REGION, Weighted Unit Price Averages

Based on 2016 Construction Prices

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Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
F195 Backfill - Non-Granular	10	\$262,926	12,760	m3	\$20.61
F200 Backfill - Pit Run Granular - Des. 6 Cl. 80	9	\$594,365	9,719	m3	\$61.15
F203 Backfill - Crushed Granular, 2, 25	4	\$91,048	1,095	m3	\$83.15
F493 SPCSP - Supply	3	\$164,486	130	m	\$1,266.84
F494 SPCSP - Assembly	3	\$111,291	130	m	\$857.14
F495 CSP with Couplers - Supply	2	\$60,346	68	m	\$884.84
F496 CSP - Assembly	2	\$48,613	68	m	\$712.79
F500 Heavy Rock RipRap (Class 1)	21	\$1,056,765	5,779	m3	\$182.86
F505 Heavy Rock RipRap (Class 1M)	9	\$139,658	683	m3	\$204.48
F515 Heavy Rock RipRap (Class 2)	4	\$659,851	2,637	m3	\$250.23
F525 Heavy Rock RipRap (Class 3)	4	\$275,709	1,223	m3	\$225.44
F755 Surface Removal	2	\$141,276	1,465	m2	\$96.43
F760 Partial Depth Repair	3	\$149,151	85	m2	\$1,754.72
F765 Full Depth Repair	1	\$25,298	5	m2	\$5,059.67
F770 Sandblasting (Deck Surface)	1	\$14,081	330	m2	\$42.67
F812 Supply of Piling - H-Pile	2	\$109,119	973	m	\$112.15
F816 Pile Set-up	2	\$240,633	36	piles	\$6,684.26
F818 Pile Driving	2	\$59,704	973	m	\$61.36
F822 Pile Concrete	3	\$2,731,692	8,779	m3	\$311.16
F824 Drill Rig Set-up	3	\$496,633	310	piles	\$1,602.04
F826 Pile Installation	3	\$1,242,233	7,199	m	\$172.56
F834 Concrete - Class C	5	\$1,245,766	1,227	m3	\$1,015.38
F841 Concrete - Class HPC	5	\$1,152,793	448	m3	\$2,570.90
F850 Plain Reinforcing Steel - Supply	6	\$1,549,773	1,136,109	kg	\$1.36
F854 Reinforcing Steel - Place	7	\$970,663	1,200,057	kg	\$0.81
F974 Deck Waterproofing	3	\$167,465	2,164	m2	\$77.39
F980 Asphalt Concrete Pavement - Mix Type H2 (150-200A)	2	\$217,032	900	t	\$241.15
G100 Clearing	5	\$87,927	16	ha	\$5,614.76
G105 Clearing and Timber Salvage	1	\$7,057	0.4	ha	\$18,095.90
G220 Channel Excavation	8	\$227,653	21,397	m3	\$10.64
G225 Common Excavation	13	\$2,187,379	471,575	m3	\$4.64
G230 Borrow Topsoil Excavation	1	\$205,650	45,000	m3	\$4.57
G235 Borrow Excavation	1	\$1,094,837	198,700	m3	\$5.51
G236 Borrow Excavation - Contractor's Supply	10	\$3,283,790	237,602	m3	\$13.82
G239 Overhaul	2	\$139,642	87,100	m3.km	\$1.60
G248 Common and/or Borrow Excavation Loaded to Trucks	3	\$508,304	37,688	m3	\$13.49
G270 Sideslope Improvement	10	\$910,744	52	km	\$17,463.93
G300 Topsoil Placement	16	\$487,378	652,755	m2	\$0.75
G452 Remove and Dispose of Existing Fence	6	\$26,464	13	km	\$2,041.98
G475 New Fence - Supply and Install - Class B	4	\$30,762	4	km	\$7,807.69
G482 New Fence - Supply and Install - Class E	2	\$6,167	0.3	km	\$19,272.56
M100 Crack Routing and Sealing	1	\$22,863	1,580	m	\$14.47
M102 Crack Repair - Spray Patch	3	\$485,185	102,210	m	\$4.75
M103 Transverse Crack Repair - Mill & Fill	1	\$208,906	3,060	m	\$68.27
Q185 Gravel Surfacing - Des. 4 Cl. 20	2	\$96,663	3,399	t	\$28.44
Q186 Gravel Surfacing - Des. 4 Cl. 25	7	\$513,909	24,630	t	\$20.87
Q510 Asphalt Mix For Others	9	\$485,490	8,250	t	\$58.85
Q560 Cold Milling Asphalt Pavement	1	\$1,354,560	24,000	m3	\$56.44
Q565 Cold Milling Asphalt Pavement	10	\$2,504,439	945,531	m2	\$2.65
Q700 Removal of Asphalt Concrete Pavement from Bridge Decks	1	\$29,318	450	m2	\$65.15
Q722 Supply and Place Fog Coat	1	\$8,117	8,920	m2	\$0.91
Q770 Graded Aggregate Seal Coat - Des. 3 Cl. 12.5C	1	\$393,866	89,110	m2	\$4.42
Q771 Graded Aggregate Seal Coat - Bridge Decks	1	\$12,760	580	m2	\$22.00
Q785 Chip Seal Coat - Des. 3 Cl. 12.5BW	3	\$2,415,224	531,860	m2	\$4.54
Q798 Chip Seal Coat - Bridge Decks	2	\$50,945	3,800	m2	\$13.41

PEACE REGION, Weighted Unit Price Averages

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Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
Q990 Asphalt Concrete Pavement - EPS Mix Type H1	3	\$15,253,983	202,130	t	\$75.47
Q991 Asphalt Concrete Pavement - EPS Mix Type H2	2	\$3,240,227	36,860	t	\$87.91
Q992 Asphalt Concrete Pavement - EPS Mix Type M1	10	\$35,855,560	493,560	t	\$72.65
Q993 Asphalt Concrete Pavement - EPS Mix Type L1	2	\$3,639,680	53,000	t	\$68.67
Q994 Asphalt Concrete Pavement - EPS Mix Type S1	3	\$3,113,809	40,700	t	\$76.51
Q996 Asphalt Concrete Pavement - EPS Mix Type S3	4	\$4,686,425	64,660	t	\$72.48
S261 Concrete Base - Supply and Install	7	\$77,080	59	units	\$1,306.44
S270 Supply of Signs, 3/4" Plywood	9	\$18,459	65	m2	\$284.77
S271 Supply of Signs, Extruded Aluminum	6	\$56,726	160	m2	\$354.91
S272 Supply of Signs, Aluminum	12	\$37,210	143	m2	\$260.37
S273 Supply of Signs, Aluminum - 3M Diamond Grade (VIP)	13	\$53,090	189	m2	\$280.74
S275 Removal and Reinstallation or Disposal of Existing Signs - One Post	14	\$63,683	479	signs	\$132.95
S277 Removal and Reinstallation or Disposal of Existing Signs - Two Posts	9	\$14,390	51	signs	\$282.16
S283 Concrete Base - Remove and Reinstall	1	\$3,995	4	units	\$998.67
S288 Install Sign - Less than 1 m2	14	\$71,337	886	signs	\$80.52
S289 Install Sign - 1 m2 to 3 m2	10	\$10,702	44	signs	\$243.22
S290 Install Sign - over 3 m2	6	\$13,147	27	signs	\$486.93
S291 Remove and Reinstall Breakaway Steel Posts	1	\$2,885	4	posts	\$721.33
S292 Remove and Dispose - Breakaway Steel Posts	5	\$7,809	24	posts	\$325.36
S309 Pavement Messages - Gore Area	3	\$8,624	8	messages	\$1,078.00
S310 Pavement Messages - Turn Arrow (Single or Double)	4	\$12,196	103	messages	\$118.41
S315 Pavement Messages - Stop Bar	4	\$5,888	41	messages	\$143.62
S321 Pavement Messages - STOP	1	\$527	3	messages	\$175.60
S327 Pavement Messages - Pedestrian Crossing	1	\$1,253	4	messages	\$313.33
S341 Durable Pavement Messages - Turn or Straight Arrows (Single or Double)	4	\$15,415	64	messages	\$240.86
S342 Durable Pavement Messages - Stop Bar	7	\$45,186	107	messages	\$422.30
S343 Durable Pavement Messages - Railway Crossing	2	\$2,529	4	messages	\$632.34
S344 Durable Pavement Messages - Stop Ahead	3	\$4,999	7	messages	\$714.21
S346 Durable Pavement Messages - Pedestrian Crossing	2	\$22,832	18	messages	\$1,268.42
S347 Durable Pavement Messages - STOP	3	\$3,474	6	messages	\$578.98
S348 Durable Pavement Messages - SCHOOL ZONE	1	\$2,833	2	messages	\$1,416.67
S350 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 2 Edge Lines)	13	\$198,886	253	km	\$786.33
S351 Roadway Lines - Supplying Paint and Painting (Lane Dividing and 2 Edge Lines)	4	\$59,025	60	km	\$990.35
S352 Roadway Lines - Supplying Paint and Painting (Lane Dividing Lines)	5	\$5,248	10	km	\$527.96
S355 Roadway Lines - Supplying Paint and Painting (Directional Dividing and 1 Edge Line)	2	\$2,350	4	km	\$526.81
S360 Intersection Lines - Supplying Paint and Painting	13	\$19,072	81	intersection	\$235.46
S370 Interchange Lines - Supplying Paint and Painting	1	\$3,592	1	interchange	\$3,591.67
S400 Underground Electrical Conduit - Supply and Install - Trench Excavation	2	\$21,370	1,225	m	\$17.44
S405 Underground Electrical Conduit - Supply and Install - Pushed Conduit	4	\$29,570	346	m	\$85.46
S700 Milled Rumble Strips for Stop Conditions	3	\$23,347	7	sets	\$3,335.24
S706 Milled Rumble Strips	9	\$260,750	332	km	\$786.29
S730 Supply and Install Breakaway Steel Posts - W150 X 14	5	\$41,676	40	m	\$1,041.89
S735 Supply and Install Breakaway Steel Posts - W200 X 15	1	\$1,791	2	m	\$895.67
S765 Cluster Frames - Supply and Install	4	\$5,685	15	frames	\$378.99
S772 Supply and Install Post (100mm X 150mm)	15	\$127,574	657	posts	\$194.18
S805 Strong Post W-Beam Guardrail - Supply and Install	9	\$481,771	2,811	m	\$171.38
S820 Remove, Salvage and Reinstall Existing Guardrail	2	\$18,038	131	m	\$137.70
S825 Remove and Dispose of Existing Guardrail	11	\$221,926	9,352	m	\$23.73
S830 Flexible Guide Post/Delineators - Round - Supply and Install	15	\$180,521	2,331	posts	\$77.44
U100 Trenching and Backfilling	4	\$109,260	5,890	m	\$18.55
U105 Secondary Cable - Supply and Install	4	\$158,604	10,587	m	\$14.98
U115 Removal and Disposal of Existing Light Fixtures	1	\$2,985	2	units	\$1,492.49
U120 Cast In Place Concrete Base - Supply and Install	3	\$205,898	85	units	\$2,422.32
U125 Street Light Standard - Supply and Install	4	\$308,492	97	units	\$3,180.33
U135 Distribution Enclosure - Supply and Install	2	\$44,715	5	units	\$8,942.93

PEACE REGION, Weighted Unit Price Averages

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Description	No. of Cont.	Amount	Quantity	Unit	Average of Low 3 Bids
X215 Removing Curb and Gutter	2	\$54,748	2,254	m	\$24.29
X220 Removing Concrete Surface	2	\$96,008	5,080	m2	\$18.90
X235 Removing Curb	2	\$45,096	2,066	m	\$21.83
X310 Monolithic Sidewalk, Curb and Gutter (all widths)	3	\$242,502	903	m	\$268.55
X325 Curb and Gutter (all heights)	3	\$427,245	3,915	m	\$109.13
X350 Solid Concrete Islands	1	\$114,404	1,320	m2	\$86.67
X355 Concrete Barrier	1	\$287,280	1,050	m	\$273.60
X400 Solid Concrete Medians	1	\$550,448	5,750	m2	\$95.73
X440 Median Concrete Surfacing	2	\$215,770	2,350	m2	\$91.82
X510 Cutting of Pavement Edge	10	\$326,249	38,285	m	\$8.52