

SITE IMPROVEMENT BOND QUANTITY WORKSHEET

Cascade Reach Townhomes

Date Prepared: <input style="width: 200px;" type="text" value="4/10/2019 revised on 5/10/19"/>		<input style="width: 150px;" type="text" value="FOR APPROVAL"/>	
Prepared by:			
Name:	<input style="width: 95%;" type="text" value="Bruce Noble, PE"/>		
Firm Name:	<input style="width: 95%;" type="text" value="Encompass Engineering"/>		
Firm Address:	<input style="width: 95%;" type="text" value="407 Swiftwater Blvd., Cle Elum, WA 98922"/>		
Phone No.:	<input style="width: 95%;" type="text" value="(509)674-7433"/>		
Email Address:	<input style="width: 95%;" type="text" value="bnoble@encompasses.net"/>		
Project Location and Description		Project Owner Information	
Project Name:	<input style="width: 95%;" type="text" value="Cascade Reach Townhomes"/>	Project Owner:	<input style="width: 95%;" type="text"/>
Site Address:	<input style="width: 95%;" type="text"/>	Phone:	<input style="width: 95%;" type="text"/>
Street Intersection:	<input style="width: 95%;" type="text"/>	Address:	<input style="width: 95%;" type="text"/>
Parcel #(s):	<input style="width: 95%;" type="text"/>	Add'l Project Owner:	<input style="width: 95%;" type="text"/>
Abbreviated Legal Description:	<input style="width: 95%;" type="text"/>	Phone:	<input style="width: 95%;" type="text"/>
		Address:	<input style="width: 95%;" type="text"/>
Clearing and Grading		Utility Providers	
Yes/No:	<input style="width: 40px;" type="text" value="YES"/>	Water Service Provided by:	<input style="width: 95%;" type="text" value="OTHER"/>
	<input style="width: 150px;" type="text" value="N/A"/>	Sewer Service Provided by:	<input style="width: 95%;" type="text" value="OTHER"/>

¹ Select the current project status/phase from the following options:
For Approval - Preliminary Data Enclosed, pending approval from the City;
For Construction - Estimated Data Enclosed, Plans have been approved for construction by the City;
Project Closeout - Final Costs and Quantities Enclosed for Project Close-out Submittal

**SITE IMPROVEMENT WORKSHEET
FOR EROSION & SEDIMENT CONTROL & APPLICATION FEES**

Description	No.	Reference #	Unit Price	Unit	Quantity		Cost	
					Quantity	Cost		
Backfill & compaction-embankment	ESC-1		\$ 6.50	CY				
Check dams, 4" minus rock	ESC-2	SWDM 5.4.6.3	\$ 80.00	Each				
Catch Basin Protection	ESC-3		\$ 35.50	Each				
Crushed surfacing 1 1/4" minus	ESC-4	WSDOT 9-03.9(3)	\$ 95.00	CY				
Ditching	ESC-5		\$ 9.00	CY				
Excavation-bulk	ESC-6		\$ 2.00	CY				
Fence, silt	ESC-7	SWDM 5.4.3.1	\$ 1.50	LF	612		918.00	
Fence, Temporary (NGPE)	ESC-8		\$ 1.50	LF				
Geotextile Fabric	ESC-9		\$ 2.50	SY				
Hay Bale Silt Trap	ESC-10		\$ 0.50	Each				
Hydroseeding	ESC-11	SWDM 5.4.2.4	\$ 0.80	SY				
Interceptor Swale / Dike	ESC-12		\$ 1.00	LF				
Jute Mesh	ESC-13	SWDM 5.4.2.2	\$ 3.50	SY				
Level Spreader	ESC-14		\$ 1.75	LF				
Mulch, by hand, straw, 3" deep	ESC-15	SWDM 5.4.2.1	\$ 2.50	SY				
Mulch, by machine, straw, 2" deep	ESC-16	SWDM 5.4.2.1	\$ 2.00	SY				
Piping, temporary, CPP, 6"	ESC-17		\$ 12.00	LF				
Piping, temporary, CPP, 8"	ESC-18		\$ 14.00	LF				
Piping, temporary, CPP, 12"	ESC-19		\$ 18.00	LF				
Plastic covering, 6mm thick, sandbagged	ESC-20	SWDM 5.4.2.3	\$ 4.00	SY				
Rip Rap, machine placed; slopes	ESC-21	WSDOT 9-13.1(2)	\$ 45.00	CY				
Rock Construction Entrance, 50'x22'x1'	ESC-22	SWDM 5.4.4.1	\$ 1,800.00	Each	2		3,600.00	
Rock Construction Entrance, 100'x20'x1'	ESC-23	SWDM 5.4.4.1	\$ 3,200.00	Each				
Sediment pond riser assembly	ESC-24	SWDM 5.4.5.2	\$ 2,200.00	Each				
Sediment trap, 5' high berm	ESC-25	SWDM 5.4.5.1	\$ 19.00	LF				
Sed. trap, 5' high, riprapped spillway berm section	ESC-26	SWDM 5.4.5.1	\$ 70.00	LF				
Seeding, by hand	ESC-27	SWDM 5.4.2.4	\$ 1.00	SY				
Sodding, 1" deep, level ground	ESC-28	SWDM 5.4.2.5	\$ 8.00	SY				
Sodding, 1" deep, sloped ground	ESC-29	SWDM 5.4.2.5	\$ 10.00	SY				
TESC Supervisor	ESC-30		\$ 110.00	HR				
Water truck, dust control	ESC-31	SWDM 5.4.7	\$ 140.00	HR				
Additional Fees		Reference #	Unit Price	Unit	Quantity		Cost	

EROSION/SEDIMENT SUBTOTAL:	4,518.00
SALES TAX @ 8.3%:	374.99
EROSION/SEDIMENT TOTAL:	4,892.99

**SITE IMPROVEMENT WORKSHEET
FOR STREET AND SITE IMPROVEMENTS**

Description	No.	Unit Price	Unit	Quant.	Cost
GENERAL ITEMS					
Backfill & Compaction- embankment	GI-1	\$ 6.00	CY		
Backfill & Compaction- trench	GI-2	\$ 9.00	CY		
Clear/Remove Brush, by hand (SY)	GI-3	\$ 1.00	SY		
Bollards - fixed	GI-4	\$ 240.74	Each		
Bollards - removable	GI-5	\$ 452.34	Each		
Clearing/Grubbing/Tree Removal	GI-6	\$ 10,000.00	Acre	1.1	11,000.00
Excavation - bulk	GI-7	\$ 2.00	CY		
Excavation - Trench	GI-8	\$ 5.00	CY		
Fencing, cedar, 6' high	GI-9	\$ 20.00	LF		
Fencing, chain link, 4'	GI-10	\$ 38.31	LF		
Fencing, chain link, vinyl coated, 6' high	GI-11	\$ 20.00	LF		
Fencing, chain link, gate, vinyl coated, 20'	GI-12	\$ 1,400.00	Each		
Fill & compact - common barrow	GI-13	\$ 25.00	CY		
Fill & compact - gravel base	GI-14	\$ 27.00	CY		
Fill & compact - screened topsoil	GI-15	\$ 39.00	CY		
Gabion, 12" deep, stone filled mesh	GI-16	\$ 65.00	SY		
Gabion, 18" deep, stone filled mesh	GI-17	\$ 90.00	SY		
Gabion, 36" deep, stone filled mesh	GI-18	\$ 150.00	SY		
Grading, fine, by hand	GI-19	\$ 2.50	SY		
Grading, fine, with grader	GI-20	\$ 2.00	SY		
Monuments, 3' Long		\$ 250.00	Each		
Sensitive Areas Sign	GI-22	\$ 7.00	Each		
Sodding, 1" deep, sloped ground		\$ 8.00	SY		
Surveying, line & grade	GI-24	\$ 1,300.00	Day	6	7,800.00
Surveying, lot location/lines	GI-25	\$ 500.00	Acre		
Topsoil Type A (imported)	GI-26	\$ 28.50	CY		
Traffic control crew (2 flaggers)		\$ 120.00	HR		
Trail, 4" chipped wood	GI-28	\$ 8.00	SY		
Trail, 4" crushed cinder	GI-29	\$ 9.00	SY		
Trail, 4" top course	GI-30	\$ 12.00	SY		
Conduit, 2"	GI-31	\$ 5.00	LF		
Wall, retaining, concrete	GI-32	\$ 55.00	SF		
Wall, rockery	GI-33	\$ 15.00	SF		
SUBTOTAL THIS PAGE:					18,800.00

**SITE IMPROVEMENT WORKSHEET
FOR STREET AND SITE IMPROVEMENTS**

Description	No.	Unit Price	Unit	Quant.	Cost
ROAD IMPROVEMENT/PAVEMENT/SURFACING					
AC Grinding, 4' wide machine < 1000sy	RI-1	\$ 30.00	SY		
AC Grinding, 4' wide machine 1000-2000sy	RI-2	\$ 16.00	SY		
AC Grinding, 4' wide machine > 2000sy	RI-3	\$ 10.00	SY		
AC Removal/Disposal	RI-4	\$ 35.00	SY	9	315.00
Barricade, Type III (Permanent)	RI-5	\$ 56.00	LF		
Guard Rail	RI-6	\$ 30.00	LF		
Curb & Gutter, rolled	RI-7	\$ 17.00	LF		
Curb & Gutter, vertical	RI-8	\$ 12.50	LF		
Curb and Gutter, demolition and disposal	RI-9	\$ 18.00	LF		
Curb, extruded asphalt	RI-10	\$ 5.50	LF		
Curb, extruded concrete	RI-11	\$ 7.00	LF		
Sawcut, asphalt, 3" depth	RI-12	\$ 1.85	LF	63	116.55
Sawcut, concrete, per 1" depth	RI-13	\$ 3.00	LF		
Sealant, asphalt	RI-14	\$ 2.00	LF	9	18.00
Shoulder, gravel, 4" thick	RI-15	\$ 15.00	SY		
Sidewalk, 4" thick	RI-16	\$ 38.00	SY		
Sidewalk, 4" thick, demolition and disposal	RI-17	\$ 32.00	SY		
Sidewalk, 6" thick	RI-18	\$ 45.00	SY		
Sidewalk, 6" thick, demolition and disposal	RI-19	\$ 40.00	SY		
Sign, Handicap	RI-20	\$ 85.00	Each		
Striping, per stall	RI-21	\$ 7.00	Each		
Striping, thermoplastic, (for crosswalk)	RI-22	\$ 3.00	SF		
Striping, 4" reflectorized line	RI-23	\$ 0.50	LF		
Additional 2.5" Crushed Surfacing	RI-24	\$ 3.60	SY		
HMA 1/2" Overlay 1.5"	RI-25	\$ 14.00	SY		
HMA 1/2" Overlay 3"	RI-26	\$ 24.00	SY		
3" AC, 2" top course rock, 7" base course	RI-27	\$ 104.00	SY	961	99,944.00
HMA Road, 3", 2" rock, First 2500 SY	RI-28	\$ 28.00	SY		
HMA Road, 2", 4" rock, Qty. over 2500SY	RI-29	\$ 21.00	SY		
HMA Road, 4", 6" rock, First 2500 SY	RI-30	\$ 45.00	SY		
HMA Road, 4", 6" rock, Qty. over 2500 SY	RI-31	\$ 37.00	SY		
HMA Road, 4", 4.5" ATB	RI-32	\$ 38.00	SY		
Gravel Road, 4" rock, First 2500 SY	RI-33	\$ 15.00	SY		
Gravel Road, 4" rock, Qty. over 2500 SY	RI-34	\$ 10.00	SY		
Thickened Edge	RI-35	\$ 8.60	LF	809	6,957.40
SUBTOTAL THIS PAGE:					107,350.95

SITE IMPROVEMENT WORKSHEET FOR STREET AND SITE IMPROVEMENTS

Description	No.	Unit Price	Unit	Quant.	Cost
PARKING LOT SURFACING					
3" AC, 2" top course rock & 7" base course	PL-1	\$ 21.00	SY	52	1,092.00
2" AC, 1.5" top course & 2.5" base course	PL-2	\$ 28.00	SY		
4" select borrow	PL-3	\$ 5.00	SY		
1.5" top course rock & 2.5" base course	PL-4	\$ 14.00	SY		
SUBTOTAL PARKING LOT SURFACING:					1,092.00

LANDSCAPING & VEGETATION	No.	Unit Price	Unit	Quant.	Cost
Street Trees	LA-1	\$ 250.00	EA		
Median Landscaping	LA-2				
Right-of-Way Landscaping	LA-3	\$ 15.00	SY		
Replacement Trees	LA-4	\$ 150.00	EA		
SUBTOTAL LANDSCAPING & VEGETATION:					

TRAFFIC & LIGHTING	No.	Unit Price	Unit	Quant.	Cost
Signs	TR-1				
Street Light System (# of Poles)	TR-2	\$ 3,500.00	EA		
Traffic Signal	TR-3				
Traffic Signal Modification	TR-4				
SUBTOTAL TRAFFIC & LIGHTING:					

WRITE-IN-ITEMS	No.	Unit Price	Unit	Quant.	Cost
SUBTOTAL WRITE-IN ITEMS:					

STREET AND SITE IMPROVEMENTS SUBTOTAL: 126,150.95

SALES TAX @ 8.3% 10,470.53

STREET AND SITE IMPROVEMENTS TOTAL: 136,621.48

(C)

**SITE IMPROVEMENT WORKSHEET
FOR DRAINAGE AND STORMWATER FACILITIES**

Description	No.	Unit Price	Unit	Quant.	Cost
DRAINAGE (For Culvert prices, Average of 3' cover was assumed.)					
Access Road, R/D	D-1	\$ 26.00	SY		
* (CBs include frame and lid)					
Beehive	D-2	\$ 90.00	Each		
Through-curb Inlet Framework	D-3	\$ 400.00	Each		
CB Type I	D-4	\$ 1,500.00	Each	7	10,500.00
CB Type II	D-5	\$ 1,750.00	Each		
CB Type II, 48" diameter	D-6	\$ 2,300.00	Each		
for additional depth over 4'	D-7	\$ 480.00	FT		
CB Type II, 54" diameter	D-8	\$ 2,500.00	Each		
for additional depth over 4'	D-9	\$ 495.00	FT		
CB Type II, 60" diameter	D-10	\$ 2,800.00	Each		
for additional depth over 4'	D-11	\$ 600.00	FT		
CB Type II, 72" diameter	D-12	\$ 6,000.00	Each		
for additional depth over 4'	D-13	\$ 850.00	FT		
CB Type II, 96" diameter	D-14	\$ 14,000.00	Each		
for additional depth over 4'	D-15	\$ 925.00	FT		
Trash Rack, 12"	D-16	\$ 350.00	Each		
Trash Rack, 15"	D-17	\$ 410.00	Each		
Trash Rack, 18"	D-18	\$ 480.00	Each		
Trash Rack, 21"	D-19	\$ 550.00	Each		
Cleanout, PVC, 4"		\$ 150.00	Each		
Cleanout, PVC, 6"	D-21	\$ 170.00	Each		
Cleanout, PVC, 8"		\$ 200.00	Each		
Culvert, HDPE, 6"	D-71	\$ 42.00	LF		
Culvert, HDPE, 8"	D-72	\$ 42.00	LF		
Culvert, HDPE, 12"	D-73	\$ 42.00	LF	40	1,680.00
Culvert, HDPE, 15"	D-74	\$ 106.00	LF		
Culvert, HDPE, 18"	D-75	\$ 138.00	LF		
Culvert, HDPE, 24"	D-76	\$ 221.00	LF		
Culvert, HDPE, 30"	D-77	\$ 276.00	LF		
Culvert, HDPE, 36"	D-78	\$ 331.00	LF		
Culvert, HDPE, 48"	D-79	\$ 386.00	LF		
Culvert, HDPE, 54"	D-80	\$ 441.00	LF		
Culvert, HDPE, 60"	D-81	\$ 496.00	LF		
Culvert, HDPE, 72"	D-82	\$ 551.00	LF		
Pipe, HDPE, 12"	D-82	\$ 42.00	LF	276	11,592.00
SUBTOTAL THIS PAGE:					23,772.00

SITE IMPROVEMENT WORKSHEET FOR DRAINAGE AND STORMWATER FACILITIES

Description	No.	Unit Price	Unit	Quant.	Cost
Specialty Drainage Items					
Ditching	SD-1	\$ 9.50	CY		
Flow Dispersal Trench (1,436 base+)	SD-3	\$ 28.00	LF		
French Drain (3' depth)	SD-4	\$ 26.00	LF		
Geotextile, laid in trench, polypropylene	SD-5	\$ 3.00	SY		
Mid-tank Access Riser, 48" dia, 6' deep	SD-6	\$ 2,000.00	Each		
Pond Overflow Spillway	SD-7	\$ 16.00	SY		
Restrictor/Oil Separator, 12"	SD-8	\$ 1,150.00	Each		
Restrictor/Oil Separator, 15"	SD-9	\$ 1,350.00	Each		
Restrictor/Oil Separator, 18"	SD-10	\$ 1,700.00	Each		
Riprap, placed	SD-11	\$ 42.00	CY		
Tank End Reducer (36" diameter)	SD-12	\$ 1,200.00	Each		
Infiltration pond testing	SD-13	\$ 125.00	HR		
Permeable Pavement	SD-14				
Permeable Concrete Sidewalk	SD-15				
Pipeline Grate, 12"	SD-15	\$ 200.00	Each	1	200.00
Culvert, Box ___ ft x ___ ft	SD-17				
SUBTOTAL SPECIALTY DRAINAGE ITEMS:					200.00

STORMWATER FACILITIES (Include Flow Control and Water Quality Facility Summary Sh					
Detention Pond	SF-1	\$ 10,000.00	Each		
Detention Tank	SF-2		Each		
Detention Vault	SF-3		CF		
Infiltration Pond	SF-4		Each		
Infiltration Tank	SF-5		Each		
Infiltration Vault	SF-6		Each		
Infiltration Trenches	SF-7		Each		
Basic Biofiltration Swale	SF-8		Each		
Wet Biofiltration Swale	SF-9		Each		
Wetpond	SF-10		Each		
Wetvault	SF-11		Each		
Sand Filter	SF-12		Each		
Sand Filter Vault	SF-13		Each		
Linear Sand Filter	SF-14		Each		
StormFilter	SF-15		Each		
Rain Garden	SF-16		Each		
SUBTOTAL STORMWATER FACILITIES:					

**SITE IMPROVEMENT WORKSHEET
FOR DRAINAGE AND STORMWATER FACILITIES**

Description	No.	Unit Price	Unit	Quant.	Cost
WRITE-IN-ITEMS					
WI-1					
WI-2					
WI-3					

SUBTOTAL WRITE-IN ITEMS:

DRAINAGE AND STORMWATER FACILITIES SUBTOTAL: 23,972.00

SALES TAX @ 8.3% 1,989.68

DRAINAGE AND STORMWATER FACILITIES TOTAL: 25,961.68

(c)

SITE IMPROVEMENT WORKSHEET FOR WATER

Description	No.	Unit Price	Unit	Quant.	Cost
Connection to Existing Watermain	W-1	\$ 2,000.00	Each	1	2,000.00
PVC Watermain, CL 200, 4 Inch Diameter	W-2	\$ 40.00	LF		
PVC Watermain, CL 200, 6 Inch Diameter	W-3	\$ 46.00	LF		
PVC Watermain, CL 200, 8 Inch Diameter	W-4	\$ 62.00	LF	473	29,326.00
PVC Watermain, CL 200, 10 Inch Diameter	W-5	\$ 60.00	LF		
PVC Watermain, CL 200, 12 Inch Diameter	W-6	\$ 70.00	LF		
PVC Irrigation Line, 12 Inch Diameter	W-6.5	\$ 37.00	LF		
Gate Valve, 4 inch Diameter	W-7	\$ 500.00	Each		
Gate Valve, 6 inch Diameter	W-8	\$ 700.00	Each		
Gate Valve, 8 inch Diameter	W-9	\$ 800.00	Each	1	800.00
Gate Valve, 10 Inch Diameter	W-10	\$ 1,000.00	Each		
Gate Valve, 12 Inch Diameter	W-11	\$ 1,200.00	Each		
Fire Hydrant Assembly	W-12	\$ 3,000.00	Each	1	3,000.00
Permanent Blow-Off Assembly	W-13	\$ 1,800.00	Each		
Air-Vac Assembly, 2-Inch Diameter	W-14	\$ 2,000.00	Each		
Air-Vac Assembly, 1-Inch Diameter	W-15	\$ 1,500.00	Each		
Water Service	W-16	\$ 2,500.00	Each	24	60,000.00
General Facility Charges	W-17	\$ 5,500.00	Lot		
Other SPWSD Charges Estimate	W-18	\$ 100.00	Lot		
12" x 6" Tee	W-19	\$ 200.00	Each		
12" x 8" Tee	W-20	\$ 210.00	Each	1	210.00
12" x 12" Tee	W-21	\$ 230.00	Each		
12" x 12" Adapter	W-22	\$ 120.00	Each		
12" Butterfly Valve	W-23	\$ 1,000.00	Each		
2" Blowoff Assembly	W-24	\$ 1,800.00	Each		
Thrust Block	W-25	\$ 250.00	Each	6	1,500.00
End Cap	W-26	\$ 60.00	Each		
8"x90 degree bend	W-27	\$ 215.00	Each		
12" Joint Restraints	W-28	\$ 150.00	Each		
8"x45 degree bend	W-29	\$ 300.00	Each	3	900.00
8"x22.5 degree bend	W-30	\$ 300.00	Each	2	600.00
8"x11.25 degree bend	W-31	\$ 300.00	Each	1	300.00
			Each		
WATER SUBTOTAL:					98,636.00

SITE IMPROVEMENT WORKSHEET FOR WATER

WRITE-IN-ITEMS					
	WI-1				
	WI-2				
	WI-3				
SUBTOTAL WRITE-IN ITEMS:					

WATER SUBTOTAL:	98,636.00
SALES TAX @ 8.3%	8,186.79
WATER TOTAL:	106,822.79
	<small>Total</small>

SITE IMPROVEMENT WORKSHEET FOR SANITARY SEWER

Description	No.	Unit Price	Unit	Quant.	Cost
Cleanout, PVC, 4"	SS-1	\$ 17.00	Each	24	408.00
Cleanout, PVC, 8"	SS-2	\$ 24.00	Each	1	24.00
Grease Interceptor, 500 gallon	SS-3	\$ 8,000.00	Each		
Grease Interceptor, 1000 gallon	SS-4	\$ 10,000.00	Each		
Grease Interceptor, 1500 gallon	SS-5	\$ 15,000.00	Each		
Side Sewer Pipe, PVC, 4 Inch Diameter	SS-6	\$ 30.00	LF	377	11,310.00
Side Sewer Pipe, PVC, 6 Inch Diameter	SS-7	\$ 95.00	LF		
Sewer Pipe, PVC, 8 inch Diameter	SS-8	\$ 112.00	LF	384	43,008.00
Sewer Pipe, PVC, 12 Inch Diameter	SS-9	\$ 120.00	LF		
Sewer Pipe, DI, 8 inch Diameter	SS-10	\$ 115.00	LF		
Sewer Pipe, DI, 12 Inch Diameter	SS-11	\$ 130.00	LF		
Manhole, 48 Inch Diameter	SS-13	\$ 4,500.00	Each	5	22,500.00
Manhole, 54 Inch Diameter	SS-15	\$ 6,500.00	Each		
Manhole, 60 Inch Diameter	SS-17	\$ 7,500.00	Each		
Manhole, 72 Inch Diameter	SS-19	\$ 8,500.00	Each		
Manhole, 96 Inch Diameter	SS-21	\$ 14,000.00	Each		
Pipe, C-900, 12 inch Diameter	SS-24	\$ 180.00	LF		
Outside Drop	SS-25	\$ 1,500.00	LS		
Inside Drop		\$ 1,000.00	LS		
SANITARY SEWER SUBTOTAL:					77,250.00

WRITE-IN-ITEMS

SUBTOTAL WRITE-IN ITEMS:

SEWER SUBTOTAL:

SALES TAX @ 8.3%:

SANITARY SEWER TOTAL:

APPROVED

DATE: 5-10-19

M. K. [Signature]

KITTITAS COUNTY ENGINEER

**SITE IMPROVEMENT WORKSHEET
TOTAL COST SUMMARY**

Date: 4/10/2019 revised on 5/10/19

Prepared by:		Project Information	
Name: <u>Bruce Noble, PE</u>		Project Name: <u>Cascade Reach Townhomes</u>	
PE Registration No: _____		Site Address: _____	
Firm Name: <u>Encompass Engineering</u>		Parcel #(s): _____	
Firm Address: <u>407 Swiftwater Blvd., Cle Elum, WA 98922</u>		Project Phase: <u>FOR APPROVAL</u>	
Phone No. <u>(509)674-7433</u>			
Email Address: <u>bnoble@encompasses.net</u>			

	CONSTRUCTION COST ESTIMATE		
Erosion Sediment Control and Application Fees Subtotal	\$	4,892.99	
Transportation Subtotal	\$	136,621.48	
Stormwater & Drainage Facilities Subtotal	\$	25,961.68	
Water Subtotal	\$	106,822.79	
Sanitary Subtotal	\$	83,661.75	
Total Estimated Construction Costs	\$	357,960.69	
	\$	-	
	\$	-	

¹ Estimate Only - May involve multiple and variable components, which will be established on an individual basis by Development Engineering.
² The City of Renton allows one request only for bond reduction prior to the maintenance period. Reduction of not more than 70% of the original bond amount, provided that the remaining 30% will cover all remaining items to be constructed.
³ Required Bond Amounts are subject to review and modification by Development Engineering.
 * Note: The word BOND as used in this document means any financial guarantee acceptable to the City of Renton.
 ** Note: All prices include labor, equipment, materials, overhead and profit.

357,960.69 x 1.35 = \$483,246.93

Total Bond Estimate