



# Boyd Russell Place

## Engineers Cost Estimate

1/14/16

JNR

6554-01

Description	Item	Unit	Unit Price	Amount
<b>Culinary Water</b>				
3/4" Service Laterals	4 ea		\$1,130.00	\$4,520.00
Plug w/ 2" Blow-Off	1 ea		\$980.00	\$980.00
Connection to Existing	1 ea		\$1,500.00	\$1,500.00
Test & Chlorinate	1 l.s.		\$750.00	\$750.00
8" PVC Pipe & Fittings	304 l.f.		\$28.50	\$8,664.00
Compacted Trench Fill	117 c.y.		\$8.25	\$965.25
				\$17,379.25
<b>Secondary Water</b>				
12" PVC Pipe & Fittings	304 l.f.		\$38.50	\$11,704.00
Compacted Trench Fill	135 c.y.		\$8.25	\$1,113.75
Double Service Laterals	2 ea		\$1,380.00	\$2,760.00
Connection to Existing	1 ea		\$1,500.00	\$1,500.00
Air-Inlet Release	1 ea		\$1,250.00	\$1,250.00
				\$18,327.75
<b>Sanitary Sewer</b>				
8" PVC Pipe & Fittings	309 l.f.		\$29.80	\$9,208.20
Compacted Trench Fill	238 c.y.		\$8.25	\$1,963.50
4' Diameter Manhole	2 ea		\$2,850.00	\$5,700.00
4" Service Lateral	4 ea		\$1,260.00	\$5,040.00
Manhole Collars	2 ea		\$400.00	\$800.00
Test & Camera	1 l.s.		\$750.00	\$750.00
Connection to Existing	1 ea		\$1,500.00	\$1,500.00
Temp. Plug	1 ea		\$450.00	\$450.00
				\$25,411.70
<b>Storm Drain</b>				
15" R.C.P. Pipe	90 l.f.		\$29.80	\$2,682.00
12" R.C.P. Pipe	83 l.f.		\$26.50	\$2,199.50
Compacted Trench Fill	60 c.y.		\$8.25	\$495.00
2' x 2' Catch Basin w/ Grate	1 ea		\$1,600.00	\$1,600.00
Control Box	1 ea		\$3,850.00	\$3,850.00
Connection to Existing	1 ea		\$1,500.00	\$1,500.00
Excavation of Detention Basin	1 l.s.		\$1,750.00	\$1,750.00
				\$14,076.50
<b>Street Improvements</b>				
8" Sub Grade+6" Gravel Base and 3" Asphalt Surface	811 s.y.		\$28.50	\$23,113.50
Asphalt Chip & Seal	811 s.y.		\$2.25	\$1,824.75
Drainage Ditch	600 l.f.		\$4.25	\$2,550.00
				\$27,488.25
<b>Misc.</b>				
SWPPP	1 l.s.		\$2,500.00	\$2,500.00
55' Temp. Turnaround	1 l.s.		\$1,850.00	\$1,850.00
				\$4,350.00
<b>Subtotal</b>				\$107,033.45
<b>Contingency (10%)</b>				\$10,703.35
<b>Total Estimated Cost</b>				<b>\$117,736.80</b>

\* This is an estimate only. The owner/developer is responsible to verify amounts.  
The approved project plans are the governing document.