



Boyd Russell Place

Engineers Cost Estimate

1/14/16

JNR

6554-01

| Description | Item | Unit | Unit Price | Amount | |
|--|----------|------|------------|-------------|---------------------|
| Culinary Water | | | | | |
| 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 | |
| 6" Fire Hydrant W/ Acc. Valve | 1 ea | | \$3,900.00 | \$3,900.00 | \$21,279.25 |
| Secondary Water | | | | | |
| 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 |
| Sanitary Sewer | | | | | |
| 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 |
| Storm Drain | | | | | |
| 15" R.C.P. Pipe | 129 l.f. | | \$29.80 | \$3,844.20 | |
| 12" R.C.P. Pipe | 42 l.f. | | \$26.50 | \$1,113.00 | |
| 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 | \$14,152.20 |
| Street Improvements | | | | | |
| 8" Sub Grade+6" Gravel Base and 3" Asphalt Surface | 824 s.y. | | \$28.50 | \$23,484.00 | |
| Asphalt Chip & Seal | 824 s.y. | | \$2.50 | \$2,060.00 | |
| Drainage Ditch | 600 l.f. | | \$4.25 | \$2,550.00 | \$28,094.00 |
| Misc. | | | | | |
| 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 |
| | | | | | \$111,614.90 |
| Subtotal | | | | | \$11,161.49 |
| Contingency (10%) | | | | | \$122,776.39 |
| Total Estimated Cost | | | | | |

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