



Preliminary Engineer's Opinion of Probable Construction Cost

Project Information

Project Name: Parker Ridge - Long Melford Drive Extension

BGE Project #: 8430-03

Designed by: JWM

Date: 11/1/2023

Revised by:

Date:

Checked by: DF

Date: 11/2/2023

| | QUANTITY # OF UNITS | UNIT | LABOR AND MATERIALS | | | TOTAL COST |
|---|------------------------|------|---------------------|------------------------------------|-----------|---------------|
| | | | PER UNIT COST | SUBTOTAL COST | | |
| EARTH BALANCING | | | | | | |
| Strip topsoil and place in permanent on-site location | 30 | CY | 3.50 | \$ 105 | \$ | 100 |
| Grading cut and on-site compaction | 4200 | CY | 3.50 | \$ 14,700 | \$ | 14,700 |
| Import structural soil and compaction | 200 | CY | 22.00 | \$ 4,400 | \$ | 4,400 |
| Fine grade roads | 85 | SY | 2.50 | \$ 213 | \$ | 200 |
| Fine grade curb | 15 | LF | 2.25 | \$ 34 | \$ | - |
| Muck out and re-compact soil around storm drain inlets prior to grading | 0 | EA | 150.00 | \$ - | \$ | - |
| Backfill curb | 25 | LF | 2.80 | \$ 70 | \$ | 100 |
| Backfill sidewalk | 25 | LF | 1.80 | \$ 45 | \$ | - |
| Fine grade building pads | 0 | PAD | 1,100.00 | \$ - | \$ | - |
| Fine grade site | 175 | SY | 0.75 | \$ 131 | \$ | 100 |
| Mobilization | 1 | LS | 5,000.00 | \$ 5,000 | \$ | 5,000 |
| | | | | TOTAL = | \$ | 24,600 |
| SEDIMENT CONTROL | | | | | | |
| Erosion Control & Maintenance | 1 | LS | 10,000.00 | \$ 10,000 | \$ | 10,000 |
| | | | | TOTAL = | \$ | 10,000 |
| DEMOLITION | | | | | | |
| Structures Demolition (assuming no hazardous material) | 0 | LS | 200,000.00 | \$ - | \$ | - |
| Septic Remediation | 0 | LS | 15,000.00 | \$ - | \$ | - |
| Overhead Electric - Wire | 0 | LF | 25.00 | \$ - | \$ | - |
| Overhead Electric - Poles | 0 | EA | 10,000.00 | \$ - | \$ | - |
| | | | | TOTAL = | \$ | - |
| | | | | SITE PREPARATION SUBTOTAL = | \$ | 34,600 |
| ON-SITE STREETS | | | | | | |
| PAVING | | | | | | |
| 8 "ABC | 85 | SY | 18.50 | \$ 1,573 | \$ | 1,600 |
| 3.0" SF9.5A | 85 | SY | 20.00 | \$ 1,700 | \$ | 1,700 |
| | | | | TOTAL = | \$ | 3,300 |
| CURB & GUTTER | | | | | | |
| 2'-6" Valley Curb | 50 | LF | 20.00 | \$ 1,000 | \$ | 1,000 |
| | | | | TOTAL = | \$ | 1,000 |
| STREET SIGNS | | | | | | |
| Stop Signs - City/County/State Standard | 0 | EA | 325.00 | \$ - | \$ | - |
| Street Signs - City/County/State Standard | 1 | EA | 250.00 | \$ 250 | \$ | 300 |

| | # OF UNITS | UNIT | QUANTITY | LABOR AND MATERIALS | TOTAL COST |
|---|------------|------|---------------|------------------------------------|-------------------------|
| | | | PER UNIT COST | SUBTOTAL COST | |
| Handicap Parking Signs/ Symbols- City/County/State Standards | 0 | EA | 350.00 | \$ - \$ - | |
| Striping | 0.1 | LS | 25,000.00 | \$ 2,500 \$ 2,500 | |
| Pedestrian Crossing signs | 0 | EA | | \$ - \$ - | |
| | | | | TOTAL = \$ 2,800 | |
| SIDEWALK AND PEDESTRIAN NEEDS | | | | | |
| Handicap Ramp | 0 | EA | 1,050.00 | \$ - \$ - | |
| 5' Concrete sidewalk | 28 | SY | 50.00 | \$ 1,400 \$ 1,400 | |
| | | | | TOTAL = \$ 1,400 | |
| | | | | STREETS SUBTOTAL = \$ 8,500 | |
| | | | | | TOTAL: \$ 43,100 |

Notes:

1. EOPC based upon Engineering Progress Plans prepared by BGE dated November 1st, 2023.
2. EOPC is for site related improvements and construction and does not include buildings and/or structures.
3. Unit costs used in this engineer's opinion of probable cost is based upon historical contractor bids and engineer's experience. This opinion of probable cost is not a guarantee of final construction costs and shall be verified by a contractor licensed and qualified to perform the work prior to relying upon for final project budgeting decisions.
4. Franchise utilities, such as gas, electric, telephone, fiber optic not included.
5. Special utility appurtenances such as junction boxes, transformers, pull boxes, switchgears, etc. not included.
6. Gravity sewer assumed; lift station/force main not included.
7. Thoroughfare, drainage, water, sanitary sewer impact fees not included.
8. Performance, payment, and maintenance bonds not included.
9. Rock excavation not included (partially weathered rock encountered – refer to Geotech report prepared by Froehling & Robertson dated October 15th, 2021).
10. Environmental and wetlands determination, permitting, and restoration not included.
11. Utility connection, construction, and miscellaneous city permit fees not included.
12. Tree removal, preservation, and mitigation not included.
13. Handling and processing of utility spoils not included.
14. Screening walls, monument entry signs and open space sidewalks and trails not included.
15. Street light poles and foundations and conduit not included.



11-2-2023