

**ENGINEERING COST ESTIMATE**

**ENGINEERING SOLUTIONS**

50 SE 30TH STREET  
LEE'S SUMMIT, MO

DATE:  
7/7/2020

PROJECT NAME:

**The Reserve At Stoney Creek - 4th Plat (Street & Storm)**

APPLICATION # PL2018153

SITE LOCATION:

|                  |
|------------------|
| SW Merryman Road |
| Lee's Summit, MO |
|                  |

| ITEM AND DESCRIPTION            | UNIT | ESTIMATED QUANTITY | LABOR AND MATERIAL COST PER UNIT | COST PER ITEM     | % Completed            | Cost Remaining    |
|---------------------------------|------|--------------------|----------------------------------|-------------------|------------------------|-------------------|
| ASPHALT PAVING                  | S.Y. | 3,765.23           | \$ 25.00                         | \$ 94,130.83      | 2%                     | \$ 92,248.22      |
| CURBING                         | FT   | 2,502.44           | \$ 14.50                         | \$ 36,285.38      | 0%                     | \$ 36,285.38      |
| 5' SIDEWALK                     | S.F. | 8,323.95           | \$ 4.75                          | \$ 39,538.76      | 0%                     | \$ 39,538.76      |
| MoDOT Type 5 Base               | S.Y. | 4,631.66           | \$ 7.75                          | \$ 35,895.39      | 0%                     | \$ 35,895.39      |
| GEOGRID                         | S.Y. | 4,631.66           | \$ 3.25                          | \$ 15,052.91      | 0%                     | \$ 15,052.91      |
| ADA SIDEWALK RAMP               | UNIT | 1                  | \$ 500.00                        | \$ 500.00         | 0%                     | \$ 500.00         |
| CLEARING, GRADING & GRUBBING    | LS   | 1                  | \$ 35,000.00                     | \$ 35,000.00      | 90%                    | \$ 3,500.00       |
| SILT FENCE                      | FT   | 4,326.22           | \$ 1.25                          | \$ 5,407.78       | 8%                     | \$ 4,975.15       |
| INLET PROTECTION                | UNIT | 16.00              | \$ 80.00                         | \$ 1,280.00       | 8%                     | \$ 1,177.60       |
| SEEDING / MULCHING/ FERTILIZING | AC   | 5.95               | \$ 1,200.00                      | \$ 7,140.00       | 0%                     | \$ 7,140.00       |
| CONST. ENTRANCE                 | UNIT | 1.00               | \$ 1,750.00                      | \$ 1,750.00       | 100%                   | \$ -              |
| STORM                           |      |                    |                                  |                   |                        |                   |
| 24" HDPE                        | FT   | 43.15              | \$ 30.50                         | \$ 1,316.08       | 85%                    | \$ 197.41         |
| 18" HDPE                        | FT   | 505.25             | \$ 30.50                         | \$ 15,410.13      | 85%                    | \$ 2,311.52       |
| 15" HDPE                        | FT   | 301.97             | \$ 27.70                         | \$ 8,364.57       | 85%                    | \$ 1,254.69       |
| 18" HDPE END SECTION / TOE WALL | LS   | 2.00               | \$ 250.00                        | \$ 500.00         | 85%                    | \$ 75.00          |
| 5' x 5' STORM FIELD INLET       | EA   | 2.00               | \$ 4,600.00                      | \$ 9,200.00       | 85%                    | \$ 1,380.00       |
| 5' x 4' STORM CURB INLET        | EA   | 4.00               | \$ 3,800.00                      | \$ 15,200.00      | 85%                    | \$ 2,280.00       |
| <b>TOTAL COST = \$</b>          |      |                    |                                  | <b>321,971.82</b> | <b>TOTAL COST = \$</b> | <b>243,812.02</b> |

**ENGINEERING COST ESTIMATE**

**ENGINEERING SOLUTIONS**

50 SE 30TH STREET  
LEE'S SUMMIT, MO

DATE:  
7/7/2020

PROJECT NAME:

**The Reserve At Stoney Creek - 4th Plat (Sanitary Sewer)**

APPLICATION # PL2018156

SITE LOCATION:

|                  |
|------------------|
| SW Merryman Road |
| Lee's Summit, MO |
|                  |

| ITEM AND DESCRIPTION       | UNIT | ESTIMATED QUANTITY | LABOR AND MATERIAL COST PER UNIT | COST PER ITEM    | % Completed            | Cost Remaining  |
|----------------------------|------|--------------------|----------------------------------|------------------|------------------------|-----------------|
| <b>SANITARY</b>            |      |                    |                                  |                  |                        |                 |
| 4" PVC SDR 26 Service Line | LF   | 671.70             | \$ 23.60                         | \$ 15,852.12     | 95%                    | \$ 792.61       |
| 8" PVC SDR 26              | LF   | 571.13             | \$ 32.00                         | \$ 18,276.16     | 95%                    | \$ 913.81       |
| 4' DIA Manhole             | EA   | 2.00               | \$ 4,000.00                      | \$ 8,000.00      | 95%                    | \$ 400.00       |
| TEES, BENDS, WYES          | LS   | 17.00              | \$ 500.00                        | \$ 8,500.00      | 95%                    | \$ 425.00       |
| TRACER WIRE AND EQUIPMENT  | L.F. | 571.13             | \$ 1.00                          | \$ 571.13        | 95%                    | \$ 28.56        |
| <b>TOTAL COST = \$</b>     |      |                    |                                  | <b>50,628.28</b> | <b>TOTAL COST = \$</b> | <b>2,559.97</b> |

**ENGINEERING COST ESTIMATE**

**ENGINEERING SOLUTIONS**

50 SE 30TH STREET  
LEE'S SUMMIT, MO

DATE:  
7/7/2020

PROJECT NAME:

**The Reserve At Stoney Creek - 4th Plat (Water)**

APPLICATION # PL2018155

SITE LOCATION:

|                  |
|------------------|
| SW Merryman Road |
| Lee's Summit, MO |
|                  |

| ITEM AND DESCRIPTION                   | UNIT | ESTIMATED QUANTITY | LABOR AND MATERIAL COST PER UNIT | COST PER ITEM    | % Completed            | Cost Remaining   |
|--|------|--------------------|----------------------------------|------------------|------------------------|------------------|
| <b>WATER</b>                           |      |                    |                                  |                  |                        |                  |
| FIRE HYDRANT ASEMBLY                   | UNIT | 2.00               | \$ 3,800.00                      | \$ 7,600.00      | 42%                    | \$ 4,408.00      |
| TEMP. TO PERM. FIRE HYDRANT CONVERSION | UNIT | 2.00               | \$ 1,200.00                      | \$ 2,400.00      | 42%                    | \$ 1,392.00      |
| 8" WATER LINE                          | UNIT | 720.63             | \$ 27.49                         | \$ 19,810.12     | 42%                    | \$ 11,489.87     |
| 12" WATER LINE                         | UNIT | 698.90             | \$ 27.49                         | \$ 19,212.76     | 42%                    | \$ 11,143.40     |
| CONNECT TO EXISTING                    | UNIT | 3.00               | \$ 475.00                        | \$ 1,425.00      | 42%                    | \$ 826.50        |
| 8" GATE VALVE/ VALVE BOX & COVER       | UNIT | 2.00               | \$ 800.00                        | \$ 1,600.00      | 42%                    | \$ 928.00        |
| 12" BUTERFLY VALVE/ VALVE BOX & COVER  | UNIT | 3.00               | \$ 800.00                        | \$ 2,400.00      | 42%                    | \$ 1,392.00      |
| TEES AND BENDS                         | UNIT | 9.00               | \$ 450.00                        | \$ 4,050.00      | 42%                    | \$ 2,349.00      |
| THRUST BLOCK                           | UNIT | 11.00              | \$ 400.00                        | \$ 4,400.00      | 42%                    | \$ 2,552.00      |
| <b>TOTAL COST = \$</b>                 |      |                    |                                  | <b>62,897.88</b> | <b>TOTAL COST = \$</b> | <b>36,480.77</b> |