

**ENGINEERING COST ESTIMATE**

**ENGINEERING SOLUTIONS**

50 SE 30TH STREET  
LEE'S SUMMIT, MO

DATE:  
12/24/2025

PROJECT NAME:

**EAST VILLAGE PHASE 1**

APPLICATION #      PRSUBD20255336

SITE LOCATION:

|                  |
|------------------|
| Lee's Summit, MO |
|                  |

| ITEM AND DESCRIPTION                    | UNIT | ESTIMATED QUANTITY | LABOR AND MATERIAL COST PER UNIT | COST PER ITEM     |
|---|------|--------------------|----------------------------------|-------------------|
| <b>ASPHALT PAVING</b>                   | S.Y. | 12,128.00          | \$ 25.00                         | \$ 303,200.00     |
| <b>CURBING</b>                          | FT   | 4,995.00           | \$ 14.50                         | \$ 72,427.50      |
| <b>5' SIDEWALK</b>                      | S.F. | 15,385.00          | \$ 4.75                          | \$ 73,078.75      |
| <b>MoDOT Type 5 Base</b>                | S.Y. | 13,177.00          | \$ 7.75                          | \$ 102,121.75     |
| <b>GEOGRID</b>                          | S.Y. | 13,177.00          | \$ 3.25                          | \$ 42,825.25      |
| <b>ADA SIDEWALK RAMP</b>                | UNIT | 11                 | \$ 500.00                        | \$ 5,500.00       |
| <b>GRADING</b>                          | LS   | 1                  | \$ 25,000.00                     | \$ 25,000.00      |
| <b>CLEARING, GRADING &amp; GRUBBING</b> | LS   | 1                  | \$ 12,000.00                     | \$ 12,000.00      |
| <b>SEEDING / MULCHING/ FERTILIZING</b>  | LS   | 1                  | \$ 4,500.00                      | \$ 4,500.00       |
| <b>LEFT TURN ARROW</b>                  | UNIT | 19.00              | \$ 250.00                        | \$ 4,750.00       |
| <b>RIGHT TURN ARROW</b>                 | UNIT | 6.00               | \$ 250.00                        | \$ 1,500.00       |
| <b>STRAIGHT/RIGHT TURN ARROW</b>        | UNIT | 4.00               | \$ 250.00                        | \$ 1,000.00       |
| <b>PAVEMENT STRIPING NEW</b>            | L.F. | 2,890.00           | \$ 0.70                          | \$ 2,023.00       |
| <b>TRAFFIC CONTROL</b>                  | L.S. | 1                  | \$ 10,000.00                     | \$ 10,000.00      |
| <b>WATER</b>                            |      |                    |                                  |                   |
| FIRE HYDRANT ASSEMBLY                   | UNIT | 6.00               | \$ 3,800.00                      | 22800.00          |
| 12" WATER LINE                          | LF   | 1,743.22           | \$ 35.00                         | 61012.70          |
| CONNECT TO EXISTING                     | UNIT | 1.00               | \$ 475.00                        | 475.00            |
| 12" GATE VALVE                          | UNIT | 9.00               | \$ 1,000.00                      | 9000.00           |
| TEES, CROSSES AND BENDS                 | UNIT | 8.00               | \$ 450.00                        | 3600.00           |
| THRUST BLOCK                            | UNIT | 3.00               | \$ 400.00                        | 1200.00           |
| <b>STORM</b>                            |      |                    |                                  |                   |
| 30" RCP                                 | FT   | 159.58             | \$ 50.30                         | \$ 8,026.87       |
| 24" RCP                                 | FT   | 1,233.49           | \$ 36.50                         | \$ 45,022.39      |
| 18" RCP                                 | FT   | 242.33             | \$ 30.50                         | \$ 7,391.07       |
| CONNECTION TO EXISTING STORM SEWER      | LS   | 1                  | \$ 500.00                        | \$ 500.00         |
| 6' x 5' STORM CURB INLET                | EA   | 9.00               | \$ 3,800.00                      | \$ 34,200.00      |
| <b>TOTAL COST = \$</b>                  |      |                    |                                  | <b>853,154.27</b> |

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50 SE 30TH STREET  
LEE'S SUMMIT, MO

DATE:  
7/31/2019