## Engineer's Estimate

## City of John Day, Extension of 7th Street (Bridge St. to Patterson Bridge Rd.) Rough Construction Cost

7/23/2018

Description of Improvements: Converting an existing dirt/gravel access road into a two lane access road for future uses, road system will include curb side parking, bus/large vehicle parking, interior road median, connection to proposed trail system and turn around for large vehicles and buses.

Typical Section Length

28-40 ft. Paved Section 4800 ft. (approximately)

Std. Curbs

| DESCRIPTION   | QUAN. | UNIT | UNIT PRICE      |    | -  | TOTAL PRICE  |
|---|-------|------|-----------------|----|----|--------------|
| Mobilization  | 1     | LS   | \$<br>30,000.00 |    | \$ | 30,000.00    |
| Temp traffic contol (signage, barricades, etc.)     | 1     | LS   | \$<br>5,000.00  |    | \$ | 5,000.00     |
| Erosion, Sediment and Pollution Control             | 1     | LS   | \$<br>10,000.00 |    | \$ | 10,000.00    |
| Clearing/Striping                                   | 1     | LS   | \$<br>15,000.00 |    | \$ | 15,000.00    |
| Removal of Existing stockpiles of Conc./A.C./ Misc. | 1200  | CY   | \$<br>30.00     |    | \$ | 36,000.00    |
| Grading   |       |      |                 |    |    |              |
| Over Excavation of Organic Materials                | 3250  | CY   | \$<br>20.00     |    | \$ | 65,000.00    |
| Excavaiton  | 500   | CY   | \$<br>18.00     |    | \$ | 9,000.00     |
| Structural Fill                                     | 500   | CY   | \$<br>25.00     |    | \$ | 12,500.00    |
| 3/4"-0" Crushed Base Rock                           | 2546  | CY   | \$<br>25.00     |    | \$ | 63,650.00    |
| 3"-0" Pit Run for Over Excavation                   | 3250  | CY   | \$<br>17.50     |    | \$ | 56,875.00    |
| 3"-0" Pit Run Base Rock                             | 4100  | CY   | \$<br>17.50     |    | \$ | 71,750.00    |
| Geo-Textile Fabric                                  | 2900  | SY   | \$<br>7.50      |    | \$ | 21,750.00    |
| Sawcut A.C.   | 100   | LF   | \$<br>3.50      |    | \$ | 350.00       |
| Standard Curb                                       | 16300 | LF   | \$<br>20.00     |    | \$ | 326,000.00   |
| Conc. Sidewalk/Driveway/Turn around area            | 12800 | SF   | \$<br>8.50      |    | \$ | 108,800.00   |
| HMAC Level 2, 1/2" Dense                            | 3150  | TON  | \$<br>140.00    |    | \$ | 441,000.00   |
| Drainage - Curb Cuts and Swales                     | 1     | LS   | \$<br>35,000.00 |    | \$ | 35,000.00    |
| Sewer Line  | 4800  | LF   | \$<br>60.00     |    | \$ | 288,000.00   |
| SS Manholes (every 400 ft.)                         | 12    | EA   | \$<br>3,750.00  |    | \$ | 45,000.00    |
| 8" C-900 Water Line                                 | 4800  | LF   | \$<br>55.00     |    | \$ | 264,000.00   |
| Gate Valves (estimated)                             | 20    | EA   | \$<br>1,750.00  |    | \$ | 35,000.00    |
| Fire Hydrants (every 500 ft.)                       | 10    | EA   | \$<br>3,500.00  |    | \$ | 35,000.00    |
| 6" Re-use Purple Line                               | 4800  | LF   | \$<br>40.00     |    | \$ | 192,000.00   |
| Landscaping Irrigation System                       | 1     | LS   | \$<br>40,000.00 |    | \$ | 40,000.00    |
| Median Landscaping and Plantings                    | 1     | LS   | \$<br>50,000.00 |    | \$ | 50,000.00    |
| Street Trees (every 100' - each side & Median)      | 100   | ea   | \$<br>250.00    |    | \$ | 25,000.00    |
| Electrical Conduit                                  | 9000  | LS   | \$<br>10.00     |    | \$ | 90,000.00    |
| Street Lights (every 200' each side)                | 40    | ea   | \$<br>4,500.00  |    | \$ | 180,000.00   |
| Pavement & Curb Markings                            | 1     | LS   | \$<br>7,500.00  |    | \$ | 7,500.00     |
|   |       |      |                 |    |    |              |
|   |       |      |                 |    |    |              |
|   |       |      | <br>Sub Tot     | al | \$ | 2,559,175.00 |

| Construction Contingency (10%)                       | \$ | 250,000.00 |
|--|----|------------|
| Engineering, Bid Assistance, & Construction Oversite |    | 200,000.00 |
| Misc. Reports (Geo-tech, Environmental, Etc.)        | \$ | 65,000.00  |
| Topography Survey, ROW Survey, Construction Staking  |    | 55,000.00  |
| Legal & Administration                               | \$ | 25,000.00  |

Project Estimate Total \$ 3,154,175.00