



Preliminary Opinion of Probable Construction Cost

City of Boyne City  
 Lincoln Street Reconstruction  
 Charlevoix County, Michigan  
 3/1/20

| Item | Description  | Unit | Quant. | Unit Price   | Total Amount | Water         | Sewer         | Road         |               |
|------|--|------|--------|--------------|--------------|---------------|---------------|--------------|---------------|
| 1    | Mobilization   | LSUM | 1      | \$ 30,000.00 | \$ 30,000.00 | \$ 9,000.00   | \$ 3,000.00   | \$ 18,000.00 |               |
| 2    | Remove Drainage Structure or Manhole                   | EACH | 7      | \$ 300.00    | \$ 2,100.00  |               |               | \$ 2,100.00  |               |
| 3    | Remove Concrete Curb & Gutter                          | LFT  | 350    | \$ 5.00      | \$ 1,750.00  |               |               | \$ 1,750.00  |               |
| 4    | Remove Hydrant   | EACH | 2      | \$ 400.00    | \$ 800.00    | \$ 800.00     |               |              |               |
| 5    | 4' Dia. Sanitary Manhole including Casting             | EACH | 6      | \$ 3,000.00  | \$ 18,000.00 |               | \$ 18,000.00  |              |               |
| 6    | 8" Dia. PVC SDR-35 Sanitary Sewer                      | LFT  | 980    | \$ 35.00     | \$ 34,300.00 |               | \$ 34,300.00  |              |               |
| 7    | Connect to Existing Sanitary Sewer                     | EACH | 6      | \$ 500.00    | \$ 3,000.00  |               | \$ 3,000.00   |              |               |
| 8    | 8"x6" Sewer Wye  | EACH | 12     | \$ 200.00    | \$ 2,400.00  |               | \$ 2,400.00   |              |               |
| 9    | 6" Dia. PVC SDR-35 Sanitary Sewer Lead                 | LFT  | 400    | \$ 30.00     | \$ 12,000.00 |               | \$ 12,000.00  |              |               |
| 10   | 6" Dia. DR-18 Water Main                               | LFT  | 1,750  | \$ 35.00     | \$ 61,250.00 | \$ 61,250.00  |               |              |               |
| 11   | 6" Dia. Gate Valve & Box                               | EACH | 12     | \$ 1,300.00  | \$ 15,600.00 | \$ 15,600.00  |               |              |               |
| 12   | Hydrant Assembly                                       | EACH | 3      | \$ 5,500.00  | \$ 16,500.00 | \$ 16,500.00  |               |              |               |
| 13   | Connect to Existing Water Main                         | EACH | 10     | \$ 1,800.00  | \$ 18,000.00 | \$ 18,000.00  |               |              |               |
| 14   | 3/4" Dia. Tapping Saddle & Corporation Stop            | EACH | 12     | \$ 350.00    | \$ 4,200.00  | \$ 4,200.00   |               |              |               |
| 15   | 3/4" Dia. Type K Copper Service Lead                   | LFT  | 400    | \$ 25.00     | \$ 10,000.00 | \$ 10,000.00  |               |              |               |
| 16   | 3/4" Dia. Curb Stop & Box                              | EACH | 12     | \$ 325.00    | \$ 3,900.00  | \$ 3,900.00   |               |              |               |
| 17   | Water Service Lead on Private Property (50% Allowance) | EACH | 6      | \$ 5,000.00  | \$ 30,000.00 | \$ 30,000.00  |               |              |               |
| 18   | Subgrade Undercutting Allowance                        | CYD  | 150    | \$ 15.00     | \$ 2,250.00  |               |               | \$ 2,250.00  |               |
| 19   | Machine Grading Modified                               | STA  | 14     | \$ 2,500.00  | \$ 33,750.00 |               |               | \$ 33,750.00 |               |
| 20   | 6" 22A Aggregate Base                                  | SYD  | 4,975  | \$ 6.00      | \$ 29,850.00 |               |               | \$ 29,850.00 |               |
| 21   | HMA Pavement (3 inches)                                | TON  | 690    | \$ 90.00     | \$ 62,100.00 |               |               | \$ 62,100.00 |               |
| 22   | HMA Approach (driveways only)                          | TON  | 37     | \$ 150.00    | \$ 5,550.00  |               |               | \$ 5,550.00  |               |
| 23   | 6" Concrete Drive Approach                             | SFT  | 3,675  | \$ 6.00      | \$ 22,050.00 |               |               | \$ 22,050.00 |               |
| 24   | 6" Concrete Sidewalk                                   | SFT  | 1,125  | \$ 6.00      | \$ 6,750.00  |               |               | \$ 6,750.00  |               |
| 25   | 4" Concrete Sidewalk                                   | SFT  | 5,175  | \$ 5.00      | \$ 25,875.00 |               |               | \$ 25,875.00 |               |
| 26   | Sidewalk Ramp, ADA                                     | SFT  | 1,420  | \$ 15.00     | \$ 21,300.00 |               |               | \$ 21,300.00 |               |
| 27   | Concrete Curb/Gutter, MDOT Detail F-4 Mod.             | LFT  | 1,040  | \$ 20.00     | \$ 20,800.00 |               |               | \$ 20,800.00 |               |
| 28   | 2' Dia. Catch Basin including Casting                  | EACH | 18     | \$ 1,800.00  | \$ 32,400.00 |               |               | \$ 32,400.00 |               |
| 29   | 4' Dia. Storm Manhole including Casting                | EACH | 7      | \$ 2,300.00  | \$ 16,100.00 |               |               | \$ 16,100.00 |               |
| 30   | 12" Dia. Storm Sewer                                   | LFT  | 1,600  | \$ 30.00     | \$ 48,000.00 |               |               | \$ 48,000.00 |               |
| 31   | Connect to Existing Storm Sewer                        | EACH | 1      | \$ 400.00    | \$ 400.00    |               |               | \$ 400.00    |               |
| 32   | Restoration 3" Topsoil & Seed                          | SYD  | 3,600  | \$ 3.50      | \$ 12,600.00 |               |               | \$ 12,600.00 |               |
| 33   | Irrigation Systems, Protect                            | LSUM | 3      | \$ 1,500.00  | \$ 4,500.00  |               |               | \$ 4,500.00  |               |
| 34   | Remove Concrete Sidewalk or Drive Approach             | SYD  | 435    | \$ 4.00      | \$ 1,740.00  |               |               | \$ 1,740.00  |               |
| 35   | Remove Tree, 6 inch to 18 inch                         | EACH | 1      | \$ 650.00    | \$ 650.00    |               |               | \$ 650.00    |               |
| 36   | Remove Tree, 19 inch to 36 inch                        | EACH | 1      | \$ 750.00    | \$ 750.00    |               |               | \$ 750.00    |               |
| 37   | Tree, Syringa reticulata, Japanese Tree Lilac, 2" B&B  | EACH | 6      | \$ 400.00    | \$ 2,400.00  |               |               | \$ 2,400.00  |               |
| 38   | Tree, Acer rubrum, RedMaple, 2" B&B                    | EACH | 6      | \$ 400.00    | \$ 2,400.00  |               |               | \$ 2,400.00  |               |
| 39   | Traffic Control and Signage                            | LSUM | 1      | \$ 15,000.00 | \$ 15,000.00 |               |               | \$ 15,000.00 |               |
|      |  |      |        |              | Subtotal     | \$ 631,015.00 | \$ 169,250.00 | \$ 72,700.00 | \$ 389,065.00 |
|      |  |      |        |              | Contingency  | \$ 63,000.00  | \$ 17,000.00  | \$ 7,000.00  | \$ 39,000.00  |
|      |  |      |        |              | Total        | \$ 694,015.00 | \$ 186,250.00 | \$ 79,700.00 | \$ 428,065.00 |