## ESTIMATED CONSTRUCTION COST

***Project Name: Gebhardt Road Reconstruction & Pedestrian Pathway***

*Client Name: Village of Elm Grove*

*Project # 38-10024.220*

**Date Modified:** 1/10/2022

| Item No. | Description | Unit | Quantity | Unit Price | Total | Item Notes |
|---|---|---|---|---|---|---|
| | **Gebhardt Road (with Realignment)** | | | | | |
| | Traffic Control | L.S. | 1 | $ 25,000.00 | $ 25,000.00 | |
| | Erosion Control | L.S. | 1 | $ 15,000.00 | $ 15,000.00 | |
| | Tree Removal | L.S. | 1 | $ 50,000.00 | $ 50,000.00 | |
| | Full Depth Saw Cut Pavement | L.F. | 1,300 | $ 2.00 | $ 2,600.00 | 20 Driveways @ ~25' Wide Each x2 - & at Intersections |
| | Pulverize & Reshape Roadway | S.Y. | 5,300 | $ 2.50 | $ 13,250.00 | |
| | Remove Excess Material | S.Y. | 5,300 | $ 2.00 | $ 10,600.00 | |
| | Construct Pathway to Subgrade | L.F. | 2,475 | $ 22.00 | $ 54,450.00 | |
| | Construct Roadway to Subgrade (Realignment) | L.F. | 470 | $ 80.00 | $ 37,600.00 | |
| | Widen Road Subgrade (Existing Road) | L.F. | 3,200 | $ 8.00 | $ 25,600.00 | One side of road x2 |
| | Fill & Grade Old Roadway Area | S.Y. | 1,100 | $ 30.00 | $ 33,000.00 | |
| | Storm Sewer (Pathway Drainage) | L.F. | 130 | $ 84.00 | $ 10,920.00 | 15" Average Assumed |
| | Storm Sewer (Driveway Culverts & Crossings) | L.F. | 675 | $ 70.00 | $ 47,250.00 | 12" Average Assumed - 24 Driveways @ 25' Wide Each and Crossing in Relocated Section |
| | Catch Basin Structure | Ea. | 3 | $ 3,000.00 | $ 9,000.00 | |
| | Regrade Ditches | L.F. | 3,100 | $ 15.00 | $ 46,500.00 | |
| | Remove and Salvage Miscellaneous Landscaping | L.S. | 1 | $ 25,000.00 | $ 25,000.00 | |
| | Base Patching - Remove & Replace 12-Inch Material (Pulverized Area) | S.Y. | 1,590 | $ 22.00 | $ 34,980.00 | 30% of Pulverize Area |
| | Excavation Below Subgrade (If Required) | C.Y. | 410 | $ 25.00 | $ 10,250.00 | EBS = 30% of Base for Path Area & Realignment |
| | Geogrid (If Required) | S.Y. | 1,215 | $ 3.00 | $ 3,645.00 | Grid = 30% of Base for Path Area & Realignment |
| | Excavation Below Subgrade Backfill (If Required) | Ton | 820 | $ 25.00 | $ 20,500.00 | 2 Tons per CY of EBS |
| | Crushed Aggregate Base Course | Ton | 3,000 | $ 25.00 | $ 75,000.00 | 20% Added to Calculated Tonnage |
| | 30" Concrete Curb & Gutter | L.F. | 500 | $ 30.00 | $ 15,000.00 | |
| | Concrete Curb & Gutter Flume | Ea. | 1 | $ 750.00 | $ 750.00 | |
| | 3" Asphaltic Concrete Binder Course | S.Y. | 7,405 | $ 9.50 | $ 70,347.50 | Pulverize Area + 1750 New + 355 Widening |
| | 2" Asplatic Concrete Surface Course | S.Y. | 7,405 | $ 7.50 | $ 55,537.50 | Pulverize Area + 1750 New + 355 Widening |
| | 3" Asphaltic Concrete Pathway | S.Y. | 1,300 | $ 23.00 | $ 29,900.00 | Path Length (LF): 2,450, 6 FT Wide, Exclude Driveway |
| | 4" Asphaltic Concrete Pathway and Driveways in Two Layers | S.Y. | 870 | $ 36.00 | $ 31,320.00 | 20 Driveways @ ~25' Wide Each, 6FT Wide Path, Doubled for Culverts/Other Replacements, +30% |
| | 6" Concrete Ramp and Landing | S.F. | 140 | $ 15.00 | $ 2,100.00 | 2 Landings |
| | Detectable Warning Fields | S.F. | 24 | $ 35.00 | $ 840.00 | 2 Landings |
| | Remove and Relocate Mailboxes | Ea. | 24 | $ 250.00 | $ 6,000.00 | |
| | Crushed Aggregate Shoulder w/ 2" Topsoil & Seed | L.F. | 4,480 | $ 5.00 | $ 22,400.00 | Total Project Length x2 minus curb length |
| | Pavement Marking, Cross Walk/Channel, 6" Paint (White) | L.F. | 250 | $ 5.00 | $ 1,250.00 | |
| | Pavement Marking, Stop Bar, 18" Paint, (White) | L.F. | 120 | $ 13.00 | $ 1,560.00 | |
| | Pavement Marking, Centerline, 4" Paint (Yellow) | L.F. | 4,950 | $ 3.00 | $ 14,850.00 | Length x2 for Double Yellow |
| | Pavement Marking, Fog Line, 4" Paint (White) | L.F. | 4,950 | $ 3.00 | $ 14,850.00 | |
| | Pavement Marking, Arrows/Words (White) | Ea. | 9 | $ 260.00 | $ 2,340.00 | |
| | Topsoil, Fertilizer & Sod | S.Y. | 2,750 | $ 15.00 | $ 41,250.00 | Ditch Areas |
| | Topsoil, Seed & Erosion Matting | S.Y. | 4,100 | $ 8.00 | $ 32,800.00 | Areas outside of ditches + Old Road Area |
| | | Subtotal Gebhardt Construction = | | | $ 893,240.00 | |
| | **Highland Drive** | | | | | |
| | Traffic Control | L.S. | 1 | $ 25,000.00 | $ 25,000.00 | |
| | Erosion Control | L.S. | 1 | $ 10,000.00 | $ 10,000.00 | |
| | Full Depth Saw Cut Pavement | L.F. | 100 | $ 2.00 | $ 200.00 | |
| | Pulverize & Reshape Roadway | S.Y. | 2,350 | $ 2.50 | $ 5,875.00 | |
| | Remove Excess Material | S.Y. | 2,350 | $ 2.00 | $ 4,700.00 | |
| | Grading/Excavation to Lower Hill | C.Y. | 670 | $ 30.00 | $ 20,100.00 | 1000SY, 2FT Cut Average |
| | Grading to Match Side Slopes & Ditch Reconstruction | S.Y. | 2,000 | $ 12.00 | $ 24,000.00 | Right-of-Way in Cut Location |
| | Widen Road Subgrade (Existing Road) | L.F. | 1,680 | $ 2.00 | $ 3,360.00 | Minimal Widening, One side of road x2 |

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*Project # 38-10024.220*

**Date Modified:** 1/10/2022

| Item No. | Description | Unit | Quantity | Unit Price | Total | Item Notes |
|---|---|---|---|---|---|---|
| | Base Patching - Remove & Replace 12-Inch Material (Pulverized Area) | S.Y. | 705 | $ 22.00 | $ 15,510.00 | 30% of Pulverize Area |
| | Excavation Below Subgrade (If Required) | C.Y. | 80 | $ 25.00 | $ 2,000.00 | EBS = 10% Area |
| | Geogrid (If Required) | S.Y. | 235 | $ 3.00 | $ 705.00 | Grid = 10% Area |
| | Excavation Below Subgrade Backfill (If Required) | Ton | 160 | $ 25.00 | $ 4,000.00 | 2 Tons per CY of EBS |
| | Driveway Replacement (Hill Cut) | S.Y. | 250 | $ 36.00 | $ 9,000.00 | |
| | 3" Asphaltic Concrete Binder Course | S.Y. | 2,450 | $ 9.50 | $ 23,275.00 | Pulverize Area + 100 Widening |
| | 2" Asplatic Concrete Surface Course | S.Y. | 2,450 | $ 7.50 | $ 18,375.00 | Pulverize Area + 100 Widening |
| | Crushed Aggregate Shoulder w/ 2" Topsoil & Seed | L.F. | 1,680 | $ 5.00 | $ 8,400.00 | |
| | Pavement Marking, Stop Bar, 18" Paint, (White) | L.F. | 20 | $ 15.00 | $ 300.00 | Hillside |
| | Pavement Marking, Double Yellow, 4" Paint (Yellow) | L.F. | 1,680 | $ 3.00 | $ 5,040.00 | |
| | Pavement Marking, Fog Line, 4" Paint (White) | L.F. | 1,680 | $ 3.00 | $ 5,040.00 | |
| | Topsoil, Seed & Erosion Matting (Hill Cut) | S.Y. | 2,000 | $ 8.00 | $ 16,000.00 | |
| | Topsoil, Seed & Erosion Matting | S.Y. | 375 | $ 8.00 | $ 3,000.00 | Minimal Area Outside Roadway |
| | | Subtotal Highland Drive Construction = | | | $ 203,880.00 | |
| | | Subtotal All Construction = | | | $ 1,097,120.00 | |
| | | | Contingency (20%) = | | $ 219,400.00 | |
| | Engineering (Design, Construction Administration, Staking & Review) (20%) = | | | | $ 219,400.00 | |
| | | Estimated Total Project Cost = | | | $ 1,535,920.00 | |