



OPINION OF PROBABLE CONSTRUCTION COST

ORCHARD, HILTZ & McCLIMENT, INC.

34000 Plymouth Road, Livonia, Michigan, 48150

Telephone: (734) 522-6711 FAX: (734) 466-4557

PROJECT: BREWSTER ROAD REHABILITATION
 LOCATION: BETWEEN WALTON BLVD & DUTTON RD
 WORK: ROAD REHABILITATION

DATE: January 31, 2025
 PROJECT #: 190240030
 ESTIMATOR: KG, AWS
 CHECKED BY:
 CURRENT ENR:

| ITEM CODE | DESCRIPTION | UNIT | TOTAL | UNIT PRICE | COST |
|-----------|--|------|-------|--------------|---------------|
| 1100001 | Mobilization, Max | LSUM | 1 | \$318,740.00 | \$ 318,740.00 |
| 2040020 | Curb and Gutter, Rem | Ft | 7481 | \$ 10.00 | \$ 74,810.00 |
| 2050010 | Embankment, CIP | Cyd | 260 | \$ 25.00 | \$ 6,500.00 |
| 2050016 | Excavation, Earth | Cyd | 321 | \$ 16.00 | \$ 5,136.00 |
| 2057021 | Subgrade Undercutting, Type II, Modified | Cyd | 2506 | \$ 30.00 | \$ 75,180.00 |
| 2080020 | Erosion Control, Inlet Protection, Fabric Drop | Ea | 75 | \$ 100.00 | \$ 7,500.00 |
| 3020001 | Aggregate Base | Ton | 62 | \$ 50.00 | \$ 3,100.00 |
| 3020050 | Aggregate Base, Conditioning | Syd | 39416 | \$ 3.00 | \$ 118,248.00 |
| 3060020 | Maintenance Gravel | Ton | 1000 | \$ 25.00 | \$ 25,000.00 |
| 4030005 | Dr Structure Cover, Adj, Case 1 | Ea | 59 | \$ 1,800.00 | \$ 106,200.00 |
| 4030390 | Dr Structure, Temp Lowering | Ea | 123 | \$ 375.00 | \$ 46,125.00 |
| 4037050 | Dr Structure Cover, Adj, Case 1, OCWRC | Ea | 8 | \$ 1,800.00 | \$ 14,400.00 |
| 4037050 | Structure, Recondition | Ea | 38 | \$ 850.00 | \$ 32,300.00 |
| 5010005 | HMA Surface, Rem | Syd | 39416 | \$ 15.00 | \$ 591,240.00 |
| 5010021 | Pavt Joint and Crack Repr, Det 8 | Ft | 20 | \$ 15.00 | \$ 300.00 |
| 5010025 | Hand Patching | Ton | 200 | \$ 150.00 | \$ 30,000.00 |
| 5012025 | HMA, 4EML | Ton | 7591 | \$ 130.00 | \$ 986,830.00 |
| 5012037 | HMA, 5EML | Ton | 3247 | \$ 140.00 | \$ 454,580.00 |
| 6020168 | Conc Pavt with Integral Curb, Nonreinf, 10 inch | Syd | 111 | \$ 100.00 | \$ 11,100.00 |
| 8020031 | Curb and Gutter, Conc, Det D2 | Ft | 6430 | \$ 25.00 | \$ 160,750.00 |
| 8020040 | Curb and Gutter, Conc, Det F6 | Ft | 224 | \$ 25.00 | \$ 5,600.00 |
| 8020050 | Driveway Opening, Conc, Det M | Ft | 1286 | \$ 26.00 | \$ 33,436.00 |
| 8030010 | Detectable Warning Surface | Ft | 135 | \$ 60.00 | \$ 8,100.00 |
| 8030044 | Sidewalk, Conc, 4 inch | Sft | 424 | \$ 4.00 | \$ 1,696.00 |
| 8032002 | Curb Ramp, Conc, 6 inch | Sft | 1354 | \$ 7.00 | \$ 9,478.00 |
| 8110093 | Pavt Mrkg, Polyurea, 6 inch, Crosswalk | Ft | 116 | \$ 3.00 | \$ 348.00 |
| 8110110 | Pavt Mrkg, Polyurea, 12 inch, Crosswalk | Ft | 390 | \$ 5.00 | \$ 1,950.00 |
| 8110114 | Pavt Mrkg, Polyurea, 24 inch, Stop Bar | Ft | 182 | \$ 10.00 | \$ 1,820.00 |
| 8110153 | Pavt Mrkg, Sprayable Thermopl, 4 inch, White | Ft | 1759 | \$ 0.40 | \$ 703.60 |
| 8110154 | Pavt Mrkg, Sprayable Thermopl, 4 inch, Yellow | Ft | 23384 | \$ 0.40 | \$ 9,353.60 |
| 8110155 | Pavt Mrkg, Sprayable Thermopl, 6 inch, White | Ft | 437 | \$ 0.40 | \$ 174.80 |
| 8110405 | Pavt Mrkg, Polyurea, Lt Turn Arrow Sym | Ea | 6 | \$ 150.00 | \$ 900.00 |
| 8110410 | Pavt Mrkg, Polyurea, Only | Ea | 6 | \$ 160.00 | \$ 960.00 |
| 8110412 | Pavt Mrkg, Polyurea, Rt Turn Arrow Sym | Ea | 6 | \$ 150.00 | \$ 900.00 |
| 8110414 | Pavt Mrkg, Polyurea, School | Ea | 2 | \$ 250.00 | \$ 500.00 |
| 8120012 | Barricade, Type III, High Intensity, Double Sided, Lighted, Furr | Ea | 13 | \$ 100.00 | \$ 1,300.00 |
| 8120013 | Barricade, Type III, High Intensity, Double Sided, Lighted, Ope | Ea | 13 | \$ 8.00 | \$ 104.00 |
| 8120026 | Pedestrian Type II Barricade, Temp | Ea | 20 | \$ 100.00 | \$ 2,000.00 |
| 8120140 | Lighted Arrow, Type C, Furn | Ea | 1 | \$ 750.00 | \$ 750.00 |
| 8120141 | Lighted Arrow, Type C, Oper | Ea | 1 | \$ 100.00 | \$ 100.00 |
| 8120170 | Minor Traf Devices | LSUM | 1 | \$ 75,000.00 | \$ 75,000.00 |



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|--|--|------|-------|--------------|------------------------|
| 8120245 | Pavt Mrkg, Wet Reflective, Type R, Tape, 4 inch, White, Temp | Ft | 60 | \$ - | \$ - |
| 8120252 | Plastic Drum, Fluorescent, Furn | Ea | 300 | \$ 26.00 | \$ 7,800.00 |
| 8120253 | Plastic Drum, Fluorescent, Oper | Ea | 300 | \$ 1.00 | \$ 300.00 |
| 8120332 | Sign, Portable, Changeable Message, NTCIP-Compliant, Furn | Ea | 1 | \$ 4,500.00 | \$ 4,500.00 |
| 8120333 | Sign, Portable, Changeable Message, NTCIP-Compliant, Oper | Ea | 1 | \$ 100.00 | \$ 100.00 |
| 8120340 | Sign, Type A, Temp, Prismatic, Furn | Sft | 90 | \$ 15.00 | \$ 1,350.00 |
| 8120341 | Sign, Type A, Temp, Prismatic, Oper | Sft | 90 | \$ 1.00 | \$ 90.00 |
| 8120350 | Sign, Type B, Temp, Prismatic, Furn | Sft | 1462 | \$ 5.75 | \$ 8,406.50 |
| 8120351 | Sign, Type B, Temp, Prismatic, Oper | Sft | 1462 | \$ 0.35 | \$ 511.70 |
| 8120352 | Sign, Type B, Temp, Prismatic, Spec, Furn | Sft | 201 | \$ 8.00 | \$ 1,608.00 |
| 8120353 | Sign, Type B, Temp, Prismatic, Spec, Oper | Sft | 201 | \$ 1.00 | \$ 201.00 |
| 8120370 | Traf Regulator Control | LSUM | 1 | \$ 20,000.00 | \$ 20,000.00 |
| 8200170 | Traf Loop | Ea | 11 | \$ 1,700.00 | \$ 18,700.00 |
| 8200453 | TS Head, Temp | Ea | 2 | \$ 1,200.00 | \$ 2,400.00 |
| 8200458 | TS Face, Bag | Ea | 33 | \$ 250.00 | \$ 8,250.00 |
| 8200459 | TS Face, Bag, Rem | Ea | 33 | \$ 225.00 | \$ 7,425.00 |
| 8207050 | Ground Rod, RCOC | Ea | 5 | \$ 250.00 | \$ 1,250.00 |
| 8237001 | Gate Well Cover, Adj, Add Depth | Ft | 25 | \$ 1,200.00 | \$ 30,000.00 |
| 8237050 | Gate Well Cover, Adj, Case 1 | Ea | 18 | \$ 900.00 | \$ 16,200.00 |
| 8252145 | Sanitary Structure Cover, Adj, Case 1 | Ea | 9 | \$ 900.00 | \$ 8,100.00 |
| 8257001 | Sanitary Sewer Manhole Cover, Adj, Add Depth | Ft | 20 | \$ 1,200.00 | \$ 24,000.00 |
| 8257050 | OCWRC Sanitary Sewer Manhole Cover, Adj, Case 1 | Ea | 5 | \$ 900.00 | \$ 4,500.00 |
| 8267050 | Sprinkler Head, Replace | Ea | 20 | \$ 90.00 | \$ 1,800.00 |
| 8507001 | Sprinkler Line | Ft | 100 | \$ 5.00 | \$ 500.00 |
| 8507050 | HMA Temp Pathway Ramp | Ea | 16 | \$ 500.00 | \$ 8,000.00 |
| 8507060 | Reimbursed Permit Fees | Dlr | 10000 | \$ - | \$ - |
| | | | | | \$ 3,399,205.20 |
| TOTAL OPINION OF PROBABLE CONSTRUCTION COST = | | | | | \$ 3,399,205.20 |