CONNEAUT CREEK DREDGE RECLAMATION FACILITY CITY OF CONNEAUT

CONTRACT A - COMPLETION DATE JULY 31, 2023

PROJECT NO.: 180703

BID OPENING DATE: SEPTEMBER 9, 2022
BID SUMMARY

| | BIDDER | CONTRACT A - Completion Date: July 31, 2023 | | | | | | | |
|--|--------------------------------|---|--|--|--|--|--|--|--|
| 1 | Independence Excavating, Inc. | \$11,220,000.00 | | | | | | | |
| 2 | Mark Haynes Construction, Inc. | \$13,584,960.50 | | | | | | | |
| Opinion of Probable Construction Cost: \$13,000,000.00 | | | | | | | | | |

CONNEAUT CREEK DREDGE RECLAMATION FACILITY

CITY OF CONNEAUT

CONTRACT A - COMPLETION DATE - JULY 31, 2023

PROJECT NO.: 180703

BID OPENING DATE: SEPTEMBER 9, 2022

BID TABULATION

| | | | | | | Independence | e Excavating, Ir | ıc. | Mark Haynes Construction, Inc. | | | | | | |
|------------|-------------|---|---------|------|---------------------|------------------------|---------------------|----------------|--------------------------------|------------------------|------------------|----------------|--|--|--|
| Ref No. | Item No. | Description | Quan. | Unit | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | | | |
| 1 | | Clearing and Grubbing | 1 | LS | \$15,000.00 | \$15,000.00 | \$30,000.00 | \$30,000.00 | \$33,000.00 | \$4,000.00 | \$37,000.00 | \$37,000.00 | | | |
| 2 | 202 | Remove Concrete Support Columns and Foundations | 1 | LS | \$5,422.65 | \$4,577.35 | \$10,000.00 | \$10,000.00 | \$15,000.00 | \$5,000.00 | \$20,000.00 | \$20,000.00 | | | |
| 3 | 202 | Remove Foundations from Prior Building or Conveyor Belt Systems | 1 | LS | \$2,711.33 | \$2,288.67 | \$5,000.00 | \$5,000.00 | \$49,000.00 | \$17,000.00 | \$66,000.00 | \$66,000.00 | | | |
| 4 | 202 | Disassemble and Remove Yard Light Tower | 1 | LS | \$1,013.60 | \$986.40 | \$2,000.00 | \$2,000.00 | \$2,300.00 | \$2,300.00 | \$4,600.00 | \$4,600.00 | | | |
| 5 | 202 | Remove Foundations from Yard Light Tower | 1 | LS | \$1,240.63 | \$759.37 | \$2,000.00 | \$2,000.00 | \$15,000.00 | \$6,000.00 | \$21,000.00 | \$21,000.00 | | | |
| 6 | 202 | Remove Concrete Barriers and Debris Piles | 1 | LS | \$645.80 | \$854.20 | \$1,500.00 | \$1,500.00 | \$5,000.00 | \$5,000.00 | \$10,000.00 | \$10,000.00 | | | |
| 7 | 204 | Subgrade Compaction | 181,832 | SY | \$0.61 | \$0.64 | \$1.25 | \$227,290.00 | \$1.00 | \$0.25 | \$1.25 | \$227,290.00 | | | |
| 8 | 203 | Excavation Including Embankment (In-Situ Soil) | 1 | LS | \$525,000.00 | \$84,458.04 | \$609,458.04 | \$609,458.04 | \$205,000.00 | \$5,000.00 | \$210,000.00 | \$210,000.00 | | | |
| 9 | 203 | Borrow (Clay Cap Liner) | 108,335 | CY | \$3.00 | \$23.00 | \$26.00 | \$2,816,710.00 | \$10.00 | \$22.00 | \$32.00 | \$3,466,720.00 | | | |
| 10 | 203 | Borrow (Sluiceway and Containment Berms) | 167,490 | CY | \$2.00 | \$12.00 | \$14.00 | \$2,344,860.00 | \$9.50 | \$15.00 | \$24.50 | \$4,103,505.00 | | | |
| 11 | SPCL | Construction Exit | 1 | EA | \$341.36 | \$6,658.64 | \$7,000.00 | \$7,000.00 | \$10,000.00 | \$12,000.00 | \$22,000.00 | \$22,000.00 | | | |
| 12 | SPCL | Silt Fence | 7,400 | FT | \$1.82 | \$1.18 | \$3.00 | \$22,200.00 | \$1.50 | \$0.50 | \$2.00 | \$14,800.00 | | | |
| 13 | SPCL | Filter Sock | 1,850 | FT | \$0.82 | \$2.68 | \$3.50 | \$6,475.00 | \$1.50 | \$2.00 | \$3.50 | \$6,475.00 | | | |
| 14 | SPCL | Concrete Washout Pit | 2 | EA | \$345.87 | \$854.13 | \$1,200.00 | \$2,400.00 | \$1,500.00 | \$1,500.00 | \$3,000.00 | \$6,000.00 | | | |
| 15 | 659 | Seeding and Mulching, Class 6, Temporary Erosion Control | 38 | AC | \$1,000.00 | \$1,250.00 | \$2,250.00 | \$85,500.00 | \$1,200.00 | \$1,300.00 | \$2,500.00 | \$95,000.00 | | | |
| 16 | 671 | Erosion Control Mat, Contingency | 1,400 | SY | \$0.43 | \$0.57 | \$1.00 | \$1,400.00 | \$0.80 | \$0.80 | \$1.60 | \$2,240.00 | | | |
| 17 | SPCL | Sediment Trap | 8 | EA | \$607.49 | \$392.51 | \$1,000.00 | \$8,000.00 | \$3,500.00 | \$1,500.00 | \$5,000.00 | \$40,000.00 | | | |
| 18 | 616 | Water (Dust Control) | 630 | MGAL | \$93.45 | \$81.55 | \$175.00 | \$110,250.00 | \$100.00 | \$0.00 | \$100.00 | \$63,000.00 | | | |
| 19 | 616 | Calcium Chloride | 3 | TON | \$250.00 | \$250.00 | \$500.00 | \$1,500.00 | \$1,500.00 | \$1,000.00 | \$2,500.00 | \$7,500.00 | | | |
| 20 | 832 | Temporary Sediment and Erosion Control | 50,000 | EA | \$0.00 | \$1.00 | \$1.00 | \$50,000.00 | \$0.00 | \$1.00 | \$1.00 | \$50,000.00 | | | |
| 21 | 832 | Storm Water Pollution Prevention Plan | 1 | LS | \$18,929.36 | \$16,070.64 | \$35,000.00 | \$35,000.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | | | |
| 22 | 601 | Rock Channel Protection, Type C with Filter | 43 | CY | \$35.23 | \$89.77 | \$125.00 | \$5,375.00 | \$75.00 | \$75.00 | \$150.00 | \$6,450.00 | | | |
| 23 | 601 | Rock Channel Protection, Type D without Filter | 5,963 | CY | \$5.50 | \$69.50 | \$75.00 | \$447,225.00 | \$25.00 | \$75.00 | \$100.00 | \$596,300.00 | | | |
| 24 | 611 | Drainage Sump Basin, 2'x2' | 4 | EA | \$276.92 | \$1,223.08 | \$1,500.00 | \$6,000.00 | \$850.00 | \$1,350.00 | \$2,200.00 | \$8,800.00 | | | |
| 25 | 611 | Inlet Structure #1 and Appurtenances | 1 | EA | \$48,857.58 | \$86,142.42 | \$135,000.00 | \$135,000.00 | \$22,000.00 | \$85,000.00 | \$107,000.00 | \$107,000.00 | | | |

| | | | | | | Independence | e Excavating, Ir | nc. | Mark Haynes Construction, Inc. | | | | | | |
|------------|-------------|---|---------|------|---------------------|------------------------|---------------------|--------------|--------------------------------|------------------------|------------------|--------------|--|--|--|
| Ref No. | Item No. | Description | Quan. | Unit | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | | | |
| 26 | | Outlet Structure #2 and Appurtenances | 1 | EA | \$2,509.68 | \$17,490.32 | \$20,000.00 | \$20,000.00 | \$22,000.00 | \$60,000.00 | \$82,000.00 | \$82,000.00 | | | |
| 27 | SPCL | Bridge Walkway and Foundation | 1 | EA | \$5,583.10 | \$29,416.90 | \$35,000.00 | \$35,000.00 | \$32,000.00 | \$32,000.00 | \$64,000.00 | \$64,000.00 | | | |
| 28 | SPCL | Headwall (6" Pipe) | 1 | EA | \$530.29 | \$1,969.71 | \$2,500.00 | \$2,500.00 | \$1,200.00 | \$3,100.00 | \$4,300.00 | \$4,300.00 | | | |
| 29 | 638 | 6" DIPS HDPE DR 21 Pipe, Fusion Joints and Mechanical Fittings | 1,535 | FT | \$10.84 | \$27.16 | \$38.00 | \$58,330.00 | \$12.00 | \$22.00 | \$34.00 | \$52,190.00 | | | |
| 30 | 611 | 18" Conduit, Type B, 707.33 (HDPE) | 188 | FT | \$26.80 | \$63.20 | \$90.00 | \$16,920.00 | \$32.00 | \$45.00 | \$77.00 | \$14,476.00 | | | |
| 31 | 638 | 18" DIPS HDPE DR 11 Pipe, Fusion Joints and Mechanical Fittings | 864 | FT | \$9.41 | \$100.59 | \$110.00 | \$95,040.00 | \$32.00 | \$45.00 | \$77.00 | \$66,528.00 | | | |
| 32 | SPCL | 6" Quick Couple Connection with Cap | 4 | EA | \$145.39 | \$2,854.61 | \$3,000.00 | \$12,000.00 | \$20.00 | \$60.00 | \$80.00 | \$320.00 | | | |
| 33 | 638 | 6" Plug Valve | 4 | EA | \$276.93 | \$2,723.07 | \$3,000.00 | \$12,000.00 | \$500.00 | \$3,000.00 | \$3,500.00 | \$14,000.00 | | | |
| 34 | 638 | 6" Plug Valve and Valve Box | 1 | EA | \$416.96 | \$4,583.04 | \$5,000.00 | \$5,000.00 | \$1,500.00 | \$4,500.00 | \$6,000.00 | \$6,000.00 | | | |
| 35 | SPCL | 18" Flexible Check Valve | 2 | EA | \$200.00 | \$11,258.23 | \$11,458.23 | \$22,916.46 | \$1,500.00 | \$4,500.00 | \$6,000.00 | \$12,000.00 | | | |
| 36 | 304 | 4" Crushed Limestone Aggregate Base | 3,714 | CY | \$10.00 | \$75.00 | \$85.00 | \$315,690.00 | \$25.00 | \$55.00 | \$80.00 | \$297,120.00 | | | |
| 37 | 304 | 6" Crushed Limestone Aggregate Base | 11 | CY | \$15.00 | \$81.00 | \$96.00 | \$1,056.00 | \$25.00 | \$55.00 | \$80.00 | \$880.00 | | | |
| 38 | 304 | 8" Crushed Limestone Aggregate Base | 1,777 | CY | \$10.00 | \$70.00 | \$80.00 | \$142,160.00 | \$25.00 | \$55.00 | \$80.00 | \$142,160.00 | | | |
| 39 | SPCL | 3" Crushed Limestone, No. 57 Aggregate | 2,787 | CY | \$10.00 | \$65.00 | \$75.00 | \$209,025.00 | \$25.00 | \$85.00 | \$110.00 | \$306,570.00 | | | |
| 40 | 204 | Proof Rolling | 20 | HR | \$50.00 | \$100.00 | \$150.00 | \$3,000.00 | \$5.00 | \$0.00 | \$5.00 | \$100.00 | | | |
| 41 | SPCL | 12" Crushed Limestone, No. 1 & 2 Aggregate | 11,129 | CY | \$10.00 | \$70.00 | \$80.00 | \$890,320.00 | \$25.00 | \$60.00 | \$85.00 | \$945,965.00 | | | |
| 42 | 204 | Geotextile Fabric, Mirafi HP 270 | 49,140 | SY | \$0.29 | \$1.71 | \$2.00 | \$98,280.00 | \$1.00 | \$2.00 | \$3.00 | \$147,420.00 | | | |
| 43 | 204 | Geotextile Fabric, Mirafi RS380i | 8,632 | SY | \$0.28 | \$4.72 | \$5.00 | \$43,160.00 | \$1.00 | \$4.00 | \$5.00 | \$43,160.00 | | | |
| 44 | 451 | 8" Reinforced Concrete Pavement, Class QC1 | 368 | SY | \$36.58 | \$78.42 | \$115.00 | \$42,320.00 | \$107.00 | \$150.00 | \$257.00 | \$94,576.00 | | | |
| 45 | 608 | 5" Concrete Walk | 663 | SF | \$6.07 | \$8.93 | \$15.00 | \$9,945.00 | \$8.00 | \$8.00 | \$16.00 | \$10,608.00 | | | |
| 46 | 608 | Concrete Steps, Type A, As Per Plan | 1 | LS | \$7,982.63 | \$5,017.37 | \$13,000.00 | \$13,000.00 | \$7,500.00 | \$16,000.00 | \$23,500.00 | \$23,500.00 | | | |
| 47 | 630 | Ground Mounted Support, No. 2 Post, U-Channel | 54 | FT | \$10.00 | \$15.00 | \$25.00 | \$1,350.00 | \$6.00 | \$18.00 | \$24.00 | \$1,296.00 | | | |
| 48 | 630 | Sign, Misc. | 5 | EA | \$250.00 | \$250.00 | \$500.00 | \$2,500.00 | \$225.00 | \$650.00 | \$875.00 | \$4,375.00 | | | |
| 49 | 653 | Topsoil Furnished and Placed | 3,267 | CY | \$4.73 | \$15.27 | \$20.00 | \$65,340.00 | \$12.00 | \$32.00 | \$44.00 | \$143,748.00 | | | |
| 50 | 659 | Commercial Fertilizer | 1 | TON | \$500.00 | \$275.00 | \$775.00 | \$775.00 | \$600.00 | \$1,200.00 | \$1,800.00 | \$1,800.00 | | | |
| 51 | 659 | Seeding and Mulching, Class 1 | 29,406 | SY | \$0.25 | \$0.25 | \$0.50 | \$14,703.00 | \$0.50 | \$1.00 | \$1.50 | \$44,109.00 | | | |
| 52 | 659 | Water | 20 | MGAL | \$0.50 | \$0.50 | \$1.00 | \$20.00 | \$250.00 | \$0.00 | \$250.00 | \$5,000.00 | | | |
| 53 | 659 | Mowing | 264,650 | SF | \$0.01 | \$0.00 | \$0.01 | \$2,646.50 | \$0.03 | \$0.00 | \$0.03 | \$7,939.50 | | | |
| 54 | SPCL | Bollard, Steel | 15 | EA | \$397.16 | \$102.84 | \$500.00 | \$7,500.00 | \$150.00 | \$500.00 | \$650.00 | \$9,750.00 | | | |
| 55 | 607 | Fence, Type Chain-Link | 30 | FT | \$30.00 | \$30.00 | \$60.00 | \$1,800.00 | \$33.00 | \$50.00 | \$83.00 | \$2,490.00 | | | |

| | | | | | | Independence | e Excavating, I | nc. | | Mark Haynes | Construction, In | c. |
|------------|-------------|--|---------|------|---------------------|------------------------|---------------------|-----------------|---------------------|------------------------|------------------|-----------------|
| Ref No. | Item No. | Description | Quan. | Unit | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total |
| 56 | | Orange Construction Fence | 163,000 | SY | \$0.48 | \$0.52 | \$1.00 | \$163,000.00 | \$0.50 | \$0.90 | \$1.40 | \$228,200.00 |
| 57 | SPCL | Concrete Pipe Support with Base | 2 | EA | \$1,254.65 | \$445.35 | \$1,700.00 | \$3,400.00 | \$1,000.00 | \$4,000.00 | \$5,000.00 | \$10,000.00 |
| 58 | SPCL | Concrete Pipe Support and Strip Base | 12 | EA | \$764.34 | \$235.66 | \$1,000.00 | \$12,000.00 | \$1,000.00 | \$4,500.00 | \$5,500.00 | \$66,000.00 |
| 59 | SPCL | Trench Dam | 2 | EA | \$248.92 | \$76.08 | \$325.00 | \$650.00 | \$1,000.00 | \$3,800.00 | \$4,800.00 | \$9,600.00 |
| 60 | SPCL | Trailer Mounted Portable Pump | 2 | EA | \$0.00 | \$35,000.00 | \$35,000.00 | \$70,000.00 | \$500.00 | \$45,000.00 | \$45,500.00 | \$91,000.00 |
| 61 | 619 | Field Office, Type A | 12 | MNTH | \$0.00 | \$1,500.00 | \$1,500.00 | \$18,000.00 | \$500.00 | \$1,000.00 | \$1,500.00 | \$18,000.00 |
| 62 | SPCL | Special Worker Protection Measures | 1 | LS | \$0.00 | \$10.00 | \$10.00 | \$10.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 |
| 63 | SPCL | Special Worker Orientation Courses and ID Badges | 1 | LS | \$3,264.06 | \$2,235.94 | \$5,500.00 | \$5,500.00 | \$2,500.00 | \$2,500.00 | \$5,000.00 | \$5,000.00 |
| 64 | SPCL | Bonds and Insurances | 1 | LS | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$0.00 | \$180,000.00 | \$180,000.00 | \$180,000.00 |
| 65 | 624 | Mobilization | 1 | LS | \$600,000.00 | \$50,000.00 | \$650,000.00 | \$650,000.00 | \$360,000.00 | \$15,000.00 | \$375,000.00 | \$375,000.00 |
| 66 | SPCL | Marking of Private Utilities | 1 | LS | \$15,000.00 | \$0.00 | \$15,000.00 | \$15,000.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 |
| 67 | SPCL | Preconstruction Video Documentation | 1 | LS | \$5,000.00 | \$0.00 | \$5,000.00 | \$5,000.00 | \$0.00 | \$9,600.00 | \$9,600.00 | \$9,600.00 |
| 68 | 614 | Maintaining Traffic | 1 | LS | \$100,000.00 | \$50,000.00 | \$150,000.00 | \$150,000.00 | \$6,000.00 | \$6,000.00 | \$12,000.00 | \$12,000.00 |
| 69 | 623 | Construction Layout Stakes and Surveying | 1 | LS | \$75,000.00 | \$10,000.00 | \$85,000.00 | \$85,000.00 | \$0.00 | \$30,000.00 | \$30,000.00 | \$30,000.00 |
| 70 | SPCL | Inspection and Material Testing | 1 | LS | \$50,000.00 | \$15,000.00 | \$65,000.00 | \$65,000.00 | \$0.00 | \$115,000.00 | \$115,000.00 | \$115,000.00 |
| 71 | SPCL | Railroad Crossing Maintenance Allowance | 1 | LS | \$0.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 | \$0.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 |
| 72 | SPCL | Railyard Route Maintenance Allowance: Excavation of Subbase | 500 | CY | \$2.61 | \$4.39 | \$7.00 | \$3,500.00 | \$25.00 | \$0.00 | \$25.00 | \$12,500.00 |
| 73 | 304 | Railyard Route Maintenance Allowance: Crushed Limestone Aggregate Base | 500 | CY | \$5.08 | \$59.92 | \$65.00 | \$32,500.00 | \$25.00 | \$55.00 | \$80.00 | \$40,000.00 |
| 74 | 204 | Site Preparation Allowance: Excavation of Subgrade | 5,000 | CY | \$4.54 | \$15.46 | \$20.00 | \$100,000.00 | \$15.00 | \$0.00 | \$15.00 | \$75,000.00 |
| 75 | 304 | Site Preparation Allowance: Crushed Limestone Aggregate Base | 5,000 | CY | \$4.81 | \$90.19 | \$95.00 | \$475,000.00 | \$25.00 | \$55.00 | \$80.00 | \$400,000.00 |
| 76 | SPCL | Flagger at Railroad Crossing Allowance | 1 | LS | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 |
| | | Total Bid Amount - Contract A | | | | | | \$11,220,000.00 | | | | \$13,584,960.50 |

CONNEAUT CREEK DREDGE RECLAMATION FACILITY CONTRACT B - COMPLETION DATE - JULY 31, 2024 CITY OF CONNEAUT

PROJECT NO.: 180703

BID OPENING DATE: SEPTEMBER 9, 2022 BID SUMMARY

| | BIDDER | CONTRACT B - Completion Date: July 31, 2024 | | | | | | | | |
|------|--|---|--|--|--|--|--|--|--|--|
| 1 | Independence Excavating, Inc. | \$10,100,000.00 | | | | | | | | |
| 2 | Mark Haynes Construction, Inc. | \$12,693,382.90 | | | | | | | | |
| 3 | The Ruhlin Company | \$17,497,266.84 | | | | | | | | |
| Opin | Opinion of Probable Construction Cost: \$13,000,000.00 | | | | | | | | | |

CONNEAUT CREEK DREDGE RECLAMATION FACILITY CITY OF CONNEAUT

CONTRACT B - COMPLETION DATE - JULY 31, 2024

PROJECT NO.: 180703

BID OPENING DATE: SEPTEMBER 9, 2022 BID TABULATION

| | | | | | | I. d d | | | | | • • • • | | The Ruhlin Company | | | | | |
|-----|------|---|---------|-------|--------------|-------------|----------------|----------------|--------------|--------------|-------------------|----------------|--------------------|--------------|------------------|----------------|--|--|
| Ref | Item | Description | Quan. | Unit | Unit Price | Unit Price | Excavating, In | IC. | Unit Price | Unit Price | Construction, In- | С. | Unit Price | Unit Price | lin Company | | | |
| No. | No. | Description | Quan. | Offic | Labor | Material | Price | Item Total | Labor | | Total Unit Price | Item Total | Labor | | Total Unit Price | Item Total | | |
| 1 | 201 | Clearing and Grubbing | 1 | LS | \$0.00 | \$30,000.00 | \$30,000.00 | \$30,000.00 | \$33,000.00 | \$4,000.00 | \$37,000.00 | \$37,000.00 | \$18,166.41 | \$28,833.59 | \$47,000.00 | \$47,000.00 | | |
| 2 | 202 | Remove Concrete Support Columns and Foundations | 1 | LS | \$5,422.65 | \$4,577.35 | \$10,000.00 | \$10,000.00 | \$15,000.00 | \$5,000.00 | \$20,000.00 | \$20,000.00 | \$2,636.41 | \$7,363.59 | \$10,000.00 | \$10,000.00 | | |
| 3 | 202 | Remove Foundations from Prior Building or Conveyor Belt Systems | 1 | LS | \$2,711.33 | \$2,288.67 | \$5,000.00 | \$5,000.00 | \$49,000.00 | \$17,000.00 | \$66,000.00 | \$66,000.00 | \$5,237.76 | \$4,762.24 | \$10,000.00 | \$10,000.00 | | |
| 4 | 202 | Disassemble and Remove Yard Light Tower | 1 | LS | \$1,013.60 | \$986.40 | \$2,000.00 | \$2,000.00 | \$2,300.00 | \$2,300.00 | \$4,600.00 | \$4,600.00 | \$2,899.13 | \$7,100.87 | \$10,000.00 | \$10,000.00 | | |
| 5 | 202 | Remove Foundations from Yard Light Tower | 1 | LS | \$1,240.63 | \$759.37 | \$2,000.00 | \$2,000.00 | \$15,000.00 | \$6,000.00 | \$21,000.00 | \$21,000.00 | \$523.78 | \$4,476.22 | \$5,000.00 | \$5,000.00 | | |
| 6 | 202 | Remove Concrete Barriers and Debris Piles | 1 | LS | \$645.80 | \$854.20 | \$1,500.00 | \$1,500.00 | \$5,000.00 | \$5,000.00 | \$10,000.00 | \$10,000.00 | \$1,084.73 | \$3,915.27 | \$5,000.00 | \$5,000.00 | | |
| 7 | 204 | Subgrade Compaction | 181,832 | SY | \$0.61 | \$0.64 | \$1.25 | \$227,290.00 | \$0.75 | \$0.00 | \$0.75 | \$136,374.00 | \$0.55 | \$0.45 | \$1.00 | \$181,832.00 | | |
| 8 | 203 | Excavation Including Embankment (In-Situ Soil) | 1 | LS | \$500,000.00 | \$90,768.88 | \$590,768.88 | \$590,768.88 | \$165,000.00 | \$5,000.00 | \$170,000.00 | \$170,000.00 | \$42,200.08 | \$807,799.92 | \$850,000.00 | \$850,000.00 | | |
| 9 | 203 | Borrow (Clay Cap Liner) | 108,335 | CY | \$2.49 | \$15.51 | \$18.00 | \$1,950,030.00 | \$9.00 | \$22.00 | \$31.00 | \$3,358,385.00 | \$4.67 | \$40.33 | \$45.00 | \$4,875,075.00 | | |
| 10 | 203 | Borrow (Sluiceway and Containment Berms) | 167,490 | CY | \$1.76 | \$10.74 | \$12.50 | \$2,093,625.00 | \$7.50 | \$15.00 | \$22.50 | \$3,768,525.00 | \$4.39 | \$38.61 | \$43.00 | \$7,202,070.00 | | |
| 11 | SPCL | Construction Exit | 1 | EA | \$341.36 | \$6,658.64 | \$7,000.00 | \$7,000.00 | \$10,000.00 | \$12,000.00 | \$22,000.00 | \$22,000.00 | \$2,239.90 | \$28,760.10 | \$31,000.00 | \$31,000.00 | | |
| 12 | SPCL | Silt Fence | 7,400 | FT | \$1.82 | \$1.18 | \$3.00 | \$22,200.00 | \$1.00 | \$0.50 | \$1.50 | \$11,100.00 | \$1.57 | \$0.93 | \$2.50 | \$18,500.00 | | |
| 13 | SPCL | Filter Sock | 1,850 | FT | \$0.82 | \$2.68 | \$3.50 | \$6,475.00 | \$1.00 | \$2.00 | \$3.00 | \$5,550.00 | \$3.63 | \$3.37 | \$7.00 | \$12,950.00 | | |
| 14 | SPCL | Concrete Washout Pit | 2 | EA | \$345.87 | \$854.13 | \$1,200.00 | \$2,400.00 | \$1,500.00 | \$1,500.00 | \$3,000.00 | \$6,000.00 | \$0.00 | \$1,525.00 | \$1,525.00 | \$3,050.00 | | |
| 15 | 659 | Seeding and Mulching, Class 6, Temporary Erosion Control | 38 | AC | \$1,000.00 | \$1,250.00 | \$2,250.00 | \$85,500.00 | \$1,200.00 | \$1,300.00 | \$2,500.00 | \$95,000.00 | \$0.00 | \$2,700.00 | \$2,700.00 | \$102,600.00 | | |
| 16 | 671 | Erosion Control Mat, Contingency | 1,400 | SY | \$0.43 | \$0.57 | \$1.00 | \$1,400.00 | \$0.80 | \$0.80 | \$1.60 | \$2,240.00 | \$2.42 | \$5.58 | \$8.00 | \$11,200.00 | | |
| 17 | SPCL | Sediment Trap | 8 | EA | \$607.49 | \$392.51 | \$1,000.00 | \$8,000.00 | \$3,500.00 | \$1,500.00 | \$5,000.00 | \$40,000.00 | \$2,578.16 | \$2,421.84 | \$5,000.00 | \$40,000.00 | | |
| 18 | 616 | Water (Dust Control) | 630 | MGAL | \$93.45 | \$81.55 | \$175.00 | \$110,250.00 | \$25.00 | \$0.00 | \$25.00 | \$15,750.00 | \$72.38 | \$48.62 | \$121.00 | \$76,230.00 | | |
| 19 | 616 | Calcium Chloride | 3 | TON | \$250.00 | \$250.00 | \$500.00 | \$1,500.00 | \$1,500.00 | \$1,000.00 | \$2,500.00 | \$7,500.00 | \$736.29 | \$709.71 | \$1,446.00 | \$4,338.00 | | |
| 20 | 832 | Temporary Sediment and Erosion Control | 50,000 | EA | \$0.00 | \$1.00 | \$1.00 | \$50,000.00 | \$0.00 | \$1.00 | \$1.00 | \$50,000.00 | \$0.00 | \$1.00 | \$1.00 | \$50,000.00 | | |
| 21 | 832 | Storm Water Pollution Prevention Plan | 1 | LS | \$18,929.36 | \$16,070.64 | \$35,000.00 | \$35,000.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$0.00 | \$23,000.00 | \$23,000.00 | \$23,000.00 | | |
| 22 | 601 | Rock Channel Protection, Type C with Filter | 43 | CY | \$35.23 | \$89.77 | \$125.00 | \$5,375.00 | \$20.00 | \$75.00 | \$95.00 | \$4,085.00 | \$29.98 | \$115.02 | \$145.00 | \$6,235.00 | | |
| 23 | 601 | Rock Channel Protection, Type D without Filter | 5,963 | CY | \$5.50 | \$69.50 | \$75.00 | \$447,225.00 | \$15.00 | \$67.00 | \$82.00 | \$488,966.00 | \$18.45 | \$81.55 | \$100.00 | \$596,300.00 | | |
| 24 | 611 | Drainage Sump Basin, 2'x2' | 4 | EA | \$276.92 | \$1,223.08 | \$1,500.00 | \$6,000.00 | \$850.00 | \$1,350.00 | \$2,200.00 | \$8,800.00 | \$1,695.85 | \$1,634.16 | \$3,330.01 | \$13,320.04 | | |
| 25 | 611 | Inlet Structure #1 and Appurtenances | 1 | EA | \$48,857.58 | \$86,142.42 | \$135,000.00 | \$135,000.00 | \$30,000.00 | \$115,000.00 | \$145,000.00 | \$145,000.00 | \$38,006.85 | \$106,993.15 | \$145,000.00 | \$145,000.00 | | |
| 26 | 611 | Outlet Structure #2 and Appurtenances | 1 | EA | \$2,509.68 | \$17,490.32 | \$20,000.00 | \$20,000.00 | \$20,000.00 | \$65,000.00 | \$85,000.00 | \$85,000.00 | \$14,818.20 | \$27,181.80 | \$42,000.00 | \$42,000.00 | | |
| 27 | SPCL | Bridge Walkway and Foundation | 1 | EA | \$5,583.10 | \$29,416.90 | \$35,000.00 | \$35,000.00 | \$25,000.00 | \$35,000.00 | \$60,000.00 | \$60,000.00 | \$7,755.62 | \$17,244.38 | \$25,000.00 | \$25,000.00 | | |
| 28 | SPCL | Headwall (6" Pipe) | 1 | EA | \$530.29 | \$1,969.71 | \$2,500.00 | \$2,500.00 | \$800.00 | \$1,800.00 | \$2,600.00 | \$2,600.00 | \$2,530.95 | \$3,269.05 | \$5,800.00 | \$5,800.00 | | |
| 29 | 638 | 6" DIPS HDPE DR 21 Pipe, Fusion Joints and Mechanical Fittings | 1,535 | FT | \$10.84 | \$27.16 | \$38.00 | \$58,330.00 | \$26.00 | \$26.00 | \$52.00 | \$79,820.00 | \$16.83 | \$31.17 | \$48.00 | \$73,680.00 | | |
| 30 | 611 | 18" Conduit, Type B, 707.33 (HDPE) | 188 | FT | \$26.80 | \$63.20 | \$90.00 | \$16,920.00 | \$32.00 | \$30.00 | \$62.00 | \$11,656.00 | \$26.57 | \$27.43 | \$54.00 | \$10,152.00 | | |
| 31 | 638 | 18" DIPS HDPE DR 11 Pipe, Fusion Joints and Mechanical Fittings | 864 | FT | \$9.41 | \$100.59 | \$110.00 | \$95,040.00 | \$32.00 | \$85.00 | \$117.00 | \$101,088.00 | \$3.46 | \$2.54 | \$6.00 | \$5,184.00 | | |
| 32 | SPCL | 6" Quick Couple Connection with Cap | 4 | EA | \$145.39 | \$2,854.61 | \$3,000.00 | \$12,000.00 | \$100.00 | \$950.00 | \$1,050.00 | \$4,200.00 | \$998.67 | \$4,101.34 | \$5,100.01 | \$20,400.04 | | |

| | | | | | | Independence | Excavating, In | ıc. | ı | Mark Haynes | Construction, Inc | c. | The Ruhlin Company | | | | |
|------------|-------------|--|---------|------|---------------------|------------------------|---------------------|--------------|---------------------|------------------------|-------------------|--------------|---------------------|------------------------|------------------|--------------|--|
| Ref No. | Item No. | Description | Quan. | Unit | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | |
| 33 | 638 | 6" Plug Valve | 4 | EA | \$276.93 | \$2,723.07 | \$3,000.00 | \$12,000.00 | \$500.00 | \$1,900.00 | \$2,400.00 | \$9,600.00 | \$733.18 | \$3,666.82 | \$4,400.00 | \$17,600.00 | |
| 34 | 638 | 6" Plug Valve and Valve Box | 1 | EA | \$416.96 | \$4,583.04 | \$5,000.00 | \$5,000.00 | \$1,500.00 | \$2,800.00 | \$4,300.00 | \$4,300.00 | \$733.03 | \$4,066.97 | \$4,800.00 | \$4,800.00 | |
| 35 | SPCL | 18" Flexible Check Valve | 2 | EA | \$150.00 | \$10,610.31 | \$10,760.31 | \$21,520.62 | \$1,500.00 | \$9,800.00 | \$11,300.00 | \$22,600.00 | \$497.99 | \$14,502.02 | \$15,000.01 | \$30,000.02 | |
| 36 | 304 | 4" Crushed Limestone Aggregate Base | 3,714 | CY | \$10.00 | \$75.00 | \$85.00 | \$315,690.00 | \$8.50 | \$65.00 | \$73.50 | \$272,979.00 | \$6.66 | \$73.34 | \$80.00 | \$297,120.00 | |
| 37 | 304 | 6" Crushed Limestone Aggregate Base | 11 | CY | \$15.00 | \$81.00 | \$96.00 | \$1,056.00 | \$8.50 | \$65.00 | \$73.50 | \$808.50 | \$72.18 | \$127.82 | \$200.00 | \$2,200.00 | |
| 38 | 304 | 8" Crushed Limestone Aggregate Base | 1,777 | CY | \$10.00 | \$70.00 | \$80.00 | \$142,160.00 | \$8.50 | \$65.00 | \$73.50 | \$130,609.50 | \$6.39 | \$83.61 | \$90.00 | \$159,930.00 | |
| 39 | SPCL | 3" Crushed Limestone, No. 57 Aggregate | 2,787 | CY | \$10.00 | \$65.00 | \$75.00 | \$209,025.00 | \$12.00 | \$65.00 | \$77.00 | \$214,599.00 | \$0.71 | \$6.79 | \$7.50 | \$20,902.50 | |
| 40 | 204 | Proof Rolling | 20 | HR | \$50.00 | \$100.00 | \$150.00 | \$3,000.00 | \$5.00 | \$0.00 | \$5.00 | \$100.00 | \$71.26 | \$143.74 | \$215.00 | \$4,300.00 | |
| 41 | SPCL | 12" Crushed Limestone, No. 1 & 2 Aggregate | 11,129 | CY | \$10.00 | \$70.00 | \$80.00 | \$890,320.00 | \$8.50 | \$65.00 | \$73.50 | \$817,981.50 | \$1.24 | \$18.76 | \$20.00 | \$222,580.00 | |
| 42 | 204 | Geotextile Fabric, Mirafi HP 270 | 49,140 | SY | \$0.29 | \$1.71 | \$2.00 | \$98,280.00 | \$1.00 | \$2.00 | \$3.00 | \$147,420.00 | \$1.18 | \$2.67 | \$3.85 | \$189,189.00 | |
| 43 | 204 | Geotextile Fabric, Mirafi RS380i | 8,632 | SY | \$0.28 | \$4.72 | \$5.00 | \$43,160.00 | \$1.00 | \$4.00 | \$5.00 | \$43,160.00 | \$0.64 | \$4.36 | \$5.00 | \$43,160.00 | |
| 44 | 451 | 8" Reinforced Concrete Pavement, Class QC1 | 368 | SY | \$36.58 | \$78.42 | \$115.00 | \$42,320.00 | \$50.00 | \$75.00 | \$125.00 | \$46,000.00 | \$54.08 | \$95.92 | \$150.00 | \$55,200.00 | |
| 45 | 608 | 5" Concrete Walk | 663 | SF | \$6.07 | \$8.93 | \$15.00 | \$9,945.00 | \$8.00 | \$8.00 | \$16.00 | \$10,608.00 | \$3.99 | \$8.01 | \$12.00 | \$7,956.00 | |
| 46 | 608 | Concrete Steps, Type A, As Per Plan | 1 | LS | \$7,982.63 | \$5,017.37 | \$13,000.00 | \$13,000.00 | \$7,500.00 | \$16,000.00 | \$23,500.00 | \$23,500.00 | \$10,014.58 | \$17,485.42 | \$27,500.00 | \$27,500.00 | |
| 47 | 630 | Ground Mounted Support, No. 2 Post, U-Channel | 54 | FT | \$10.00 | \$15.00 | \$25.00 | \$1,350.00 | \$6.00 | \$18.00 | \$24.00 | \$1,296.00 | \$0.00 | \$15.00 | \$15.00 | \$810.00 | |
| 48 | 630 | Sign, Misc. | 5 | EA | \$250.00 | \$250.00 | \$500.00 | \$2,500.00 | \$225.00 | \$650.00 | \$875.00 | \$4,375.00 | \$0.00 | \$250.00 | \$250.00 | \$1,250.00 | |
| 49 | 653 | Topsoil Furnished and Placed | 3,267 | CY | \$4.73 | \$15.27 | \$20.00 | \$65,340.00 | \$12.00 | \$32.00 | \$44.00 | \$143,748.00 | \$1.86 | \$21.14 | \$23.00 | \$75,141.00 | |
| 50 | 659 | Commercial Fertilizer | 1 | TON | \$500.00 | \$275.00 | \$775.00 | \$775.00 | \$600.00 | \$1,200.00 | \$1,800.00 | \$1,800.00 | \$0.00 | \$600.00 | \$600.00 | \$600.00 | |
| 51 | 659 | Seeding and Mulching, Class 1 | 29,406 | SY | \$0.25 | \$0.25 | \$0.50 | \$14,703.00 | \$0.60 | \$1.05 | \$1.65 | \$48,519.90 | \$0.00 | \$0.95 | \$0.95 | \$27,935.70 | |
| 52 | 659 | Water | 20 | MGAL | \$0.50 | \$0.50 | \$1.00 | \$20.00 | \$25.00 | \$0.00 | \$25.00 | \$500.00 | \$0.00 | \$10.00 | \$10.00 | \$200.00 | |
| 53 | 659 | Mowing | 264,650 | SF | \$0.01 | \$0.00 | \$0.01 | \$2,646.50 | \$0.03 | \$0.00 | \$0.03 | \$7,939.50 | \$0.00 | \$0.01 | \$0.01 | \$2,646.50 | |
| 54 | SPCL | Bollard, Steel | 15 | EA | \$397.16 | \$102.84 | \$500.00 | \$7,500.00 | \$150.00 | \$500.00 | \$650.00 | \$9,750.00 | \$407.67 | \$992.33 | \$1,400.00 | \$21,000.00 | |
| 55 | 607 | Fence, Type Chain-Link | 30 | FT | \$30.00 | \$30.00 | \$60.00 | \$1,800.00 | \$33.00 | \$50.00 | \$83.00 | \$2,490.00 | \$67.59 | \$132.41 | \$200.00 | \$6,000.00 | |
| 56 | SPCL | Orange Construction Fence | 163,000 | SY | \$0.48 | \$0.52 | \$1.00 | \$163,000.00 | \$0.50 | \$0.90 | \$1.40 | \$228,200.00 | \$0.27 | \$1.03 | \$1.30 | \$211,900.00 | |
| 57 | SPCL | Concrete Pipe Support with Base | 2 | EA | \$1,254.65 | \$445.35 | \$1,700.00 | \$3,400.00 | \$1,200.00 | \$4,940.00 | \$6,140.00 | \$12,280.00 | \$1,029.89 | \$1,970.12 | \$3,000.01 | \$6,000.02 | |
| 58 | SPCL | Concrete Pipe Support and Strip Base | 12 | EA | \$764.34 | \$235.66 | \$1,000.00 | \$12,000.00 | \$1,200.00 | \$4,940.00 | \$6,140.00 | \$73,680.00 | \$3,862.05 | \$4,337.95 | \$8,200.00 | \$98,400.00 | |
| 59 | SPCL | Trench Dam | 2 | EA | \$248.92 | \$76.08 | \$325.00 | \$650.00 | \$1,000.00 | \$3,800.00 | \$4,800.00 | \$9,600.00 | \$380.76 | \$1,034.24 | \$1,415.00 | \$2,830.00 | |
| 60 | SPCL | Trailer Mounted Portable Pump | 2 | EA | \$0.00 | \$35,000.00 | \$35,000.00 | \$70,000.00 | \$1,000.00 | \$65,550.00 | \$66,550.00 | \$133,100.00 | \$2,496.07 | \$50,503.94 | \$53,000.01 | \$106,000.02 | |
| 61 | 619 | Field Office, Type A | 24 | MNTH | \$0.00 | \$1,500.00 | \$1,500.00 | \$36,000.00 | \$500.00 | \$1,000.00 | \$1,500.00 | \$36,000.00 | \$87.99 | \$2,712.01 | \$2,800.00 | \$67,200.00 | |
| 62 | SPCL | Special Worker Protection Measures | 1 | LS | \$0.00 | \$10.00 | \$10.00 | \$10.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$0.00 | \$58,000.00 | \$58,000.00 | \$58,000.00 | |
| 63 | SPCL | Special Worker Orientation Courses and ID Badges | 1 | LS | \$3,264.06 | \$2,235.94 | \$5,500.00 | \$5,500.00 | \$2,500.00 | \$2,500.00 | \$5,000.00 | \$5,000.00 | \$17,021.60 | \$17,978.40 | \$35,000.00 | \$35,000.00 | |
| 64 | SPCL | Bonds and Insurances | 1 | LS | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$0.00 | \$155,000.00 | \$155,000.00 | \$155,000.00 | \$0.00 | \$65,000.00 | \$65,000.00 | \$65,000.00 | |
| 65 | 624 | Mobilization | 1 | LS | \$600,000.00 | \$50,000.00 | \$650,000.00 | \$650,000.00 | \$395,000.00 | \$15,000.00 | \$410,000.00 | \$410,000.00 | \$82,104.59 | \$317,895.41 | \$400,000.00 | \$400,000.00 | |
| 66 | SPCL | Marking of Private Utilities | 1 | LS | \$15,000.00 | \$0.00 | \$15,000.00 | \$15,000.00 | \$0.00 | \$6,000.00 | \$6,000.00 | \$6,000.00 | \$1,894.44 | \$6,605.56 | \$8,500.00 | \$8,500.00 | |
| 67 | SPCL | Preconstruction Video Documentation | 1 | LS | \$5,000.00 | \$0.00 | \$5,000.00 | \$5,000.00 | \$0.00 | \$9,600.00 | \$9,600.00 | \$9,600.00 | \$0.00 | \$2,500.00 | \$2,500.00 | \$2,500.00 | |
| 68 | 614 | Maintaining Traffic | 1 | LS | \$100,000.00 | \$50,000.00 | \$150,000.00 | \$150,000.00 | \$6,000.00 | \$6,000.00 | \$12,000.00 | \$12,000.00 | \$0.00 | \$15,000.00 | \$15,000.00 | \$15,000.00 | |
| 69 | 623 | Construction Layout Stakes and Surveying | 1 | LS | \$75,000.00 | \$10,000.00 | \$85,000.00 | \$85,000.00 | \$0.00 | \$48,000.00 | \$48,000.00 | \$48,000.00 | \$104,831.19 | \$70,168.81 | \$175,000.00 | \$175,000.00 | |

| | | | | | | Independence | Excavating, Ir | nc. Mark Haynes Construction, Inc. | | | | | The Ruhlin Company | | | | |
|------------|------|--|-------|------|---------------------|------------------------|---------------------|------------------------------------|---------------------|------------------------|------------------|--------------|---------------------|------------------------|------------------|--------------|--|
| Ref No. | II. | Description | Quan. | Unit | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | Unit Price Labor | Unit Price Material | Total Unit Price | Item Total | |
| 70 | SPCL | Inspection and Material Testing | 1 | LS | \$50,000.00 | \$15,000.00 | \$65,000.00 | \$65,000.00 | \$0.00 | \$115,000.00 | \$115,000.00 | \$115,000.00 | \$0.00 | \$172,000.00 | \$172,000.00 | \$172,000.00 | |
| 71 | SPCL | Railroad Crossing Maintenance Allowance | 1 | LS | \$0.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 | \$0.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 | \$0.00 | \$50,000.00 | \$50,000.00 | \$50,000.00 | |
| 72 | SPCL | Railyard Route Maintenance Allowance: Excavation of Subbase | 500 | CY | \$2.61 | \$4.39 | \$7.00 | \$3,500.00 | \$25.00 | \$0.00 | \$25.00 | \$12,500.00 | \$2.80 | \$2.20 | \$5.00 | \$2,500.00 | |
| 73 | 304 | Railyard Route Maintenance Allowance: Crushed Limestone Aggregate Base | 500 | CY | \$5.08 | \$59.92 | \$65.00 | \$32,500.00 | \$25.00 | \$65.00 | \$90.00 | \$45,000.00 | \$1.59 | \$31.41 | \$33.00 | \$16,500.00 | |
| 74 | 204 | Site Preparation Allowance: Excavation of Subgrade | 5,000 | CY | \$4.54 | \$15.46 | \$20.00 | \$100,000.00 | \$10.00 | \$0.00 | \$10.00 | \$50,000.00 | \$2.80 | \$2.20 | \$5.00 | \$25,000.00 | |
| 75 | 304 | Site Preparation Allowance: Crushed Limestone Aggregate Base | 5,000 | CY | \$4.81 | \$90.19 | \$95.00 | \$475,000.00 | \$8.50 | \$65.00 | \$73.50 | \$367,500.00 | \$0.16 | \$29.84 | \$30.00 | \$150,000.00 | |
| 76 | SPCL | Flagger at Railroad Crossing Allowance | 1 | LS | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | \$0.00 | \$100,000.00 | \$100,000.00 | \$100,000.00 | |
| | | Total Bid Amount - Contract B | | | | | \$10,100,000.00 | | | | \$12,693,382.90 | | | | \$17,497,266.84 | | |