**Blair Road Retaining Wall Replacement Project OPWC No. DGAB14**

**LCE Project No. 2020-018**

Bid Tabulation 1 of 2

**Engineer's Estimate**

**Alan Stone Co., Inc.**

**The Great Lakes Construction Co.**

**S.E.T., Inc.**

**CATTS CONSTRUCTION, INC.**

**Item**

**Quantity**

**Price**

**Extension**

**Price**

**Extension**

**Price**

**Extension**

**Price**

**Extension**

**Price**

**Extension**

**PROPOSAL SHEET**

1 - 202 - Clearing and Grubbing - LUMP

1.00

$10,000.00

$10,000.00

$15,000.00

$15,000.00

$20,200.00

$20,200.00

$19,240.00

$19,240.00

$8,500.00

$8,500.00

2 - 202 - Pavement Removed - SY

1,479.00

$24.00

$35,496.00

$17.50

$25,882.50

$15.00

$22,185.00

$20.00

$29,580.00

$11.15

$16,490.85

3 - 202 - Pipe Removed, 24" Diameter and Under - FT

202.00

$32.00

$6,464.00

$45.00

$9,090.00

$55.00

$11,110.00

$67.03

$13,540.06

$6.70

$1,353.40

4 - 202 - Catch Basin Removed - EACH

3.00

$800.00

$2,400.00

$500.00

$1,500.00

$600.00

$1,800.00

$300.00

$900.00

$185.00

$555.00

5 - 202 - Special - Fill and Plug Existing Conduit - FT

170.00

$55.00

$9,350.00

$25.00

$4,250.00

$25.00

$4,250.00

$18.47

$3,139.90

$22.40

$3,808.00

6 - 203 - Excavation - CY

97.00

$43.00

$4,171.00

$50.00

$4,850.00

$63.00

$6,111.00

$37.00

$3,589.00

$43.00

$4,171.00

7 - 203 - Embankment - CY

130.00

$34.00

$4,420.00

$20.00

$2,600.00

$45.00

$5,850.00

$55.00

$7,150.00

$95.50

$12,415.00

8 - 204 - Proof Rolling - HOUR

1.00

$300.00

$300.00

$250.00

$250.00

$250.00

$250.00

$500.00

$500.00

$290.00

$290.00

9 - 606 - Guardrail, Type MGS - FT

475.00

$26.00

$12,350.00

$35.00

$16,625.00

$26.00

$12,350.00

$30.11

$14,302.25

$31.55

$14,986.25

10 - 601 - Tied Concrete Block Mat with Type 1 Underlayment - SY

2.00

$140.00

$280.00

$350.00

$700.00

$500.00

$1,000.00

$151.47

$302.94

$242.65

$485.30

11 - 601 - Tied Concrete Block Mat with Type 2 Underlayment - SY

16.00

$100.00

$1,600.00

$175.00

$2,800.00

$175.00

$2,800.00

$160.38

$2,566.08

$242.65

$3,882.40

12 - 601 - Rock Channel Protection, Type C with Filter - CY

2.00

$160.00

$320.00

$750.00

$1,500.00

$400.00

$800.00

$118.25

$236.50

$1,010.00

$2,020.00

13 - 659 - Seeding and Mulching With 3" Topsoil, As Per Plan - SY

1,111.00

$4.00

$4,444.00

$3.50

$3,888.50

$9.50

$10,554.50

$11.48

$12,754.28

$13.45

$14,942.95

14 - 832 - Erosion Control - EACH

7,500.00

$1.00

$7,500.00

$1.00

$7,500.00

$1.00

$7,500.00

$1.00

$7,500.00

$1.00

$7,500.00

15 - 611 - 4" Conduit, Type F for Underdrain Outlet - FT

44.00

$25.00

$1,100.00

$20.00

$880.00

$35.00

$1,540.00

$25.71

$1,131.24

$31.00

$1,364.00

16 - 611 - 12" Conduit, Type B, 706.02, As Per Plan - FT

48.00

$170.00

$8,160.00

$225.00

$10,800.00

$175.00

$8,400.00

$89.13

$4,278.24

$189.75

$9,108.00

17 - 611 - 15" Conduit, Type B, 706.02, As Per Plan - FT

288.00

$185.00

$53,280.00

$250.00

$72,000.00

$150.00

$43,200.00

$114.20

$32,889.60

$189.75

$54,648.00

18 - 611 - Catch Basin, No. 3A, As Per Plan - EACH

2.00

$6,000.00

$12,000.00

$5,000.00

$10,000.00

$4,500.00

$9,000.00

$2,928.75

$5,857.50

$2,750.00

$5,500.00

19 - 611 - Catch Basin, No. 2-2B, As Per Plan - EACH

1.00

$3,500.00

$3,500.00

$3,000.00

$3,000.00

$3,000.00

$3,000.00

$2,616.20

$2,616.20

$2,300.00

$2,300.00

20 - 611 - Catch Basin Adjusted To Grade - EACH

2.00

$1,000.00

$2,000.00

$500.00

$1,000.00

$800.00

$1,600.00

$1,200.00

$2,400.00

$1,240.00

$2,480.00

21 - 611 - Manhole, No. 3, As Per Plan - EACH

5.00

$9,500.00

$47,500.00

$5,000.00

$25,000.00

$5,000.00

$25,000.00

$3,468.11

$17,340.55

$2,290.00

$11,450.00

22 - 611 - Special - Miscellaneous Metal - POUND

400.00

$3.50

$1,400.00

$3.50

$1,400.00

$2.75

$1,100.00

$7.26

$2,904.00

$2.30

$920.00

23 - 204 - Subgrade Compaction - SY

1,500.00

$4.00

$6,000.00

$3.50

$5,250.00

$2.15

$3,225.00

$1.50

$2,250.00

$1.60

$2,400.00

24 - 251 - Partial Depth Pavement Repairs (441) - SY

800.00

$65.00

$52,000.00

$7.00

$5,600.00

$35.25

$28,200.00

$41.60

$33,280.00

$25.00

$20,000.00

25 - 301 - Asphalt Concrete Base, PG64-22, (449) - CY

212.00

$270.00

$57,240.00

$275.00

$58,300.00

$165.00

$34,980.00

$181.50

$38,478.00

$248.85

$52,756.20

26 - 304 - Aggregate Base - CY

212.00

$110.00

$23,320.00

$100.00

$21,200.00

$90.00

$19,080.00

$88.90

$18,846.80

$110.00

$23,320.00

27 - 407 - Non-Tracking Tack Coat - GALLON

70.00

$4.00

$280.00

$10.00

$700.00

$3.00

$210.00

$3.30

$231.00

$7.25

$507.50

28 - 441 - Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 - CY

106.00

$325.00

$34,450.00

$315.00

$33,390.00

$180.00

$19,080.00

$198.00

$20,988.00

$269.50

$28,567.00

29 - 441 - Asphalt Concrete Intermediate Course,Type 1, (449), As Per Plan - CY

22.00

$375.00

$8,250.00

$425.00

$9,350.00

$375.00

$8,250.00

$412.50

$9,075.00

$594.80

$13,085.60

30 - 605 - 4" Base Pipe Underdrains with Geotextile Fabric, As Per Plan - FT

595.00

$17.00

$10,115.00

$20.00

$11,900.00

$12.00

$7,140.00

$129.93

$77,308.35

$15.25

$9,073.75

31 - 609 - Combination Curb and Gutter, Type 2, As Per Plan - FT

325.00

$45.00

$14,625.00

$88.00

$28,600.00

$80.00

$26,000.00

$59.25

$19,256.25

$55.95

$18,183.75

32 - 609 - Curb, Type 6, As Per Plan - FT

625.00

$37.00

$23,125.00

$65.00

$40,625.00

$55.00

$34,375.00

$48.25

$30,156.25

$29.75

$18,593.75

33 - 626 - Barrier Reflector, Type 2 (Bidirectional) - EACH

8.00

$15.00

$120.00

$15.00

$120.00

$11.00

$88.00

$12.10

$96.80

$13.35

$106.80

34 - 630 - Ground Mounted Support, No.2 Post - FT

59.00

$13.00

$767.00

$30.00

$1,770.00

$7.65

$451.35

$24.35

$1,436.65

$17.00

$1,003.00

35 - 630 - Ground Mounted Support, No.3 Post - FT

25.20

$15.00

$378.00

$30.00

$756.00

$9.80

$246.96

$27.50

$693.00

$18.00

$453.60

36 - 630 - Sign, Flat Sheet - SF

30.00

$25.00

$750.00

$35.00

$1,050.00

$18.65

$559.50

$33.00

$990.00

$21.85

$655.50

37 - 630 - Removal of Ground Mounted Sign and Disposal - EACH

6.00

$24.00

$144.00

$20.00

$120.00

$25.00

$150.00

$18.70

$112.20

$36.00

$216.00

38 - 642 - Edge Line, 6" - MILE

0.18

$6,500.00

$1,170.00

$8,000.00

$1,440.00

$6,385.00

$1,149.30

$7,040.00

$1,267.20

$10,317.90

$1,857.22

39 - 642 - Center Line - MILE

0.09

$12,000.00

$1,080.00

$11,000.00

$990.00

$8,510.00

$765.90

$9,460.00

$851.40

$15,173.35

$1,365.60

40 - 202 - Portions of Structure Removed, As Per Plan - LUMP

1.00

$15,000.00

$15,000.00

$25,000.00

$25,000.00

$47,000.00

$47,000.00

$20,000.00

$20,000.00

$13,655.00

$13,655.00

41 - 503 - Unclassified Excavation, As Per Plan - CY

235.00

$100.00

$23,500.00

$35.00

$8,225.00

$125.00

$29,375.00

$82.00

$19,270.00

$165.00

$38,775.00

42 - 507 - Steel Piles, Misc.: W12X65 Steel Soldier Piles and Walers - FT

1,190.00

$200.00

$238,000.00

$55.00

$65,450.00

$85.00

$101,150.00

$138.60

$164,934.00

$198.40

$236,096.00

43 - 507 - Steel Piles, Misc.: W18x106 Steel Soldier Piles and Walers - FT

1,050.00

$350.00

$367,500.00

$95.00

$99,750.00

$115.00

$120,750.00

$154.54

$162,267.00

$225.00

$236,250.00

44 - 512 - Type A Waterproofing - SY

1,551.00

$75.00

$116,325.00

$16.00

$24,816.00

$28.00

$43,428.00

$55.75

$86,468.25

$120.90

$187,515.90

45 - 518 - Porous Backfill with Filter Fabric, As Per Plan - CY

494.00

$200.00

$98,800.00

$75.00

$37,050.00

$110.00

$54,340.00

$137.25

$67,801.50

$127.25

$62,861.50

46 - 524 - Drilled Shafts, 36" Diameter, Above Bedrock, As Per Plan - FT

218.00

$200.00

$43,600.00

$110.00

$23,980.00

$305.00

$66,490.00

$623.64

$135,953.52

$177.80

$38,760.40

47 - 524 - Drilled Shafts, 30" Diameter, Into Bedrock, As Per Plan - FT

605.00

$225.00

$136,125.00

$90.00

$54,450.00

$325.00

$196,625.00

$335.40

$202,917.00

$200.00

$121,000.00

48 - 530 - Special - Retaining Wall, Precast Concrete Lagging - EACH

227.00

$550.00

$124,850.00

$890.00

$202,030.00

$1,050.00

$238,350.00

$972.62

$220,784.74

$1,422.00

$322,794.00

49 - 614 - Maintaining Traffic - LUMP

1.00

$10,000.00

$10,000.00

$15,000.00

$15,000.00

$12,000.00

$12,000.00

$10,200.00

$10,200.00

$13,000.00

$13,000.00

50 - 623 - Construction Layout Stakes and Surveying - LUMP

1.00

$15,000.00

$15,000.00

$18,000.00

$18,000.00

$12,000.00

$12,000.00

$29,000.00

$29,000.00

$20,030.00

$20,030.00

51 - 624 - Mobilization - LUMP

1.00

$40,000.00

$40,000.00

$37,500.00

$37,500.00

$68,500.00

$68,500.00

$91,940.00

$91,940.00

$41,000.00

$41,000.00

**51 Items**

**Totals**

**$1,690,549.00**

**$1,052,928.00**

**$1,373,559.51**

**$1,651,571.25**

**$1,703,053.22**

**Blair Road Retaining Wall Replacement Project OPWC No. DGAB14**

**LCE Project No. 2020-018**

Bid Tabulation 2 of 2

**Engineer's Estimate**

**Union Industrial Contractors, Inc.**

**Item**

**Quantity**

**Price**

**Extension**

**Price**

**Extension**

**PROPOSAL SHEET**

1 - 202 - Clearing and Grubbing - LUMP

1.00

$10,000.00

$10,000.00

$30,000.00

$30,000.00

2 - 202 - Pavement Removed - SY

1,479.00

$24.00

$35,496.00

$30.00

$44,370.00

3 - 202 - Pipe Removed, 24" Diameter and Under - FT

202.00

$32.00

$6,464.00

$110.00

$22,220.00

4 - 202 - Catch Basin Removed - EACH

3.00

$800.00

$2,400.00

$3,500.00

$10,500.00

5 - 202 - Special - Fill and Plug Existing Conduit - FT

170.00

$55.00

$9,350.00

$30.00

$5,100.00

6 - 203 - Excavation - CY

97.00

$43.00

$4,171.00

$110.00

$10,670.00

7 - 203 - Embankment - CY

130.00

$34.00

$4,420.00

$150.00

$19,500.00

8 - 204 - Proof Rolling - HOUR

1.00

$300.00

$300.00

$150.00

$150.00

9 - 606 - Guardrail, Type MGS - FT

475.00

$26.00

$12,350.00

$26.00

$12,350.00

10 - 601 - Tied Concrete Block Mat with Type 1 Underlayment - SY

2.00

$140.00

$280.00

$800.00

$1,600.00

11 - 601 - Tied Concrete Block Mat with Type 2 Underlayment - SY

16.00

$100.00

$1,600.00

$400.00

$6,400.00

12 - 601 - Rock Channel Protection, Type C with Filter - CY

2.00

$160.00

$320.00

$750.00

$1,500.00

13 - 659 - Seeding and Mulching With 3" Topsoil, As Per Plan - SY

1,111.00

$4.00

$4,444.00

$15.00

$16,665.00

14 - 832 - Erosion Control - EACH

7,500.00

$1.00

$7,500.00

$1.00

$7,500.00

15 - 611 - 4" Conduit, Type F for Underdrain Outlet - FT

44.00

$25.00

$1,100.00

$150.00

$6,600.00

16 - 611 - 12" Conduit, Type B, 706.02, As Per Plan - FT

48.00

$170.00

$8,160.00

$125.00

$6,000.00

17 - 611 - 15" Conduit, Type B, 706.02, As Per Plan - FT

288.00

$185.00

$53,280.00

$100.00

$28,800.00

18 - 611 - Catch Basin, No. 3A, As Per Plan - EACH

2.00

$6,000.00

$12,000.00

$5,500.00

$11,000.00

19 - 611 - Catch Basin, No. 2-2B, As Per Plan - EACH

1.00

$3,500.00

$3,500.00

$5,000.00

$5,000.00

20 - 611 - Catch Basin Adjusted To Grade - EACH

2.00

$1,000.00

$2,000.00

$1,500.00

$3,000.00

21 - 611 - Manhole, No. 3, As Per Plan - EACH

5.00

$9,500.00

$47,500.00

$6,500.00

$32,500.00

22 - 611 - Special - Miscellaneous Metal - POUND

400.00

$3.50

$1,400.00

$5.00

$2,000.00

23 - 204 - Subgrade Compaction - SY

1,500.00

$4.00

$6,000.00

$3.00

$4,500.00

24 - 251 - Partial Depth Pavement Repairs (441) - SY

800.00

$65.00

$52,000.00

$40.00

$32,000.00

25 - 301 - Asphalt Concrete Base, PG64-22, (449) - CY

212.00

$270.00

$57,240.00

$165.00

$34,980.00

26 - 304 - Aggregate Base - CY

212.00

$110.00

$23,320.00

$150.00

$31,800.00

27 - 407 - Non-Tracking Tack Coat - GALLON

70.00

$4.00

$280.00

$5.00

$350.00

28 - 441 - Asphalt Concrete Intermediate Course, Type 2, (448), PG64-22 - CY

106.00

$325.00

$34,450.00

$180.00

$19,080.00

29 - 441 - Asphalt Concrete Intermediate Course,Type 1, (449), As Per Plan - CY

22.00

$375.00

$8,250.00

$375.00

$8,250.00

30 - 605 - 4" Base Pipe Underdrains with Geotextile Fabric, As Per Plan - FT

595.00

$17.00

$10,115.00

$50.00

$29,750.00

31 - 609 - Combination Curb and Gutter, Type 2, As Per Plan - FT

325.00

$45.00

$14,625.00

$75.00

$24,375.00

32 - 609 - Curb, Type 6, As Per Plan - FT

625.00

$37.00

$23,125.00

$65.00

$40,625.00

33 - 626 - Barrier Reflector, Type 2 (Bidirectional) - EACH

8.00

$15.00

$120.00

$13.00

$104.00

34 - 630 - Ground Mounted Support, No.2 Post - FT

59.00

$13.00

$767.00

$23.00

$1,357.00

35 - 630 - Ground Mounted Support, No.3 Post - FT

25.20

$15.00

$378.00

$25.00

$630.00

36 - 630 - Sign, Flat Sheet - SF

30.00

$25.00

$750.00

$30.00

$900.00

37 - 630 - Removal of Ground Mounted Sign and Disposal - EACH

6.00

$24.00

$144.00

$17.00

$102.00

38 - 642 - Edge Line, 6" - MILE

0.18

$6,500.00

$1,170.00

$6,500.00

$1,170.00

39 - 642 - Center Line - MILE

0.09

$12,000.00

$1,080.00

$9,000.00

$810.00

40 - 202 - Portions of Structure Removed, As Per Plan - LUMP

1.00

$15,000.00

$15,000.00

$75,000.00

$75,000.00

41 - 503 - Unclassified Excavation, As Per Plan - CY

235.00

$100.00

$23,500.00

$250.00

$58,750.00

42 - 507 - Steel Piles, Misc.: W12X65 Steel Soldier Piles and Walers - FT

1,190.00

$200.00

$238,000.00

$130.00

$154,700.00

43 - 507 - Steel Piles, Misc.: W18x106 Steel Soldier Piles and Walers - FT

1,050.00

$350.00

$367,500.00

$135.00

$141,750.00

44 - 512 - Type A Waterproofing - SY

1,551.00

$75.00

$116,325.00

$40.00

$62,040.00

45 - 518 - Porous Backfill with Filter Fabric, As Per Plan - CY

494.00

$200.00

$98,800.00

$200.00

$98,800.00

46 - 524 - Drilled Shafts, 36" Diameter, Above Bedrock, As Per Plan - FT

218.00

$200.00

$43,600.00

$400.00

$87,200.00

47 - 524 - Drilled Shafts, 30" Diameter, Into Bedrock, As Per Plan - FT

605.00

$225.00

$136,125.00

$300.00

$181,500.00

48 - 530 - Special - Retaining Wall, Precast Concrete Lagging - EACH

227.00

$550.00

$124,850.00

$1,200.00

$272,400.00

49 - 614 - Maintaining Traffic - LUMP

1.00

$10,000.00

$10,000.00

$30,000.00

$30,000.00

50 - 623 - Construction Layout Stakes and Surveying - LUMP

1.00

$15,000.00

$15,000.00

$60,000.00

$60,000.00

51 - 624 - Mobilization - LUMP

1.00

$40,000.00

$40,000.00

$40,000.00

$40,000.00

**51 Items**

**Totals**

**$1,690,549.00**

**$1,776,348.00**