

Department of Engineering/Road Management
Dan Gaillet, P.E., County Engineer/ Road Manager

3137 South Liberty Street, Canton, MS 39046
Office (601) 855-5670 FAX (601) 859-5857

MEMORANDUM

March 1, 2017

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
David Bishop, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Dan Gaillet, P.E.
County Engineer and Road Manager



Re: Distribution Dr./Gluckstadt Rd. Intersection Improvements
Notice of Award

In May 2016, Neel-Schaffer presented a study that provided a planning level of traffic circulation of selected arterial roadways in South Madison County to help prioritize roadway improvements where the traffic demands are the highest. As a result, one of the short term improvements that came from the study was:

- Distribution Drive/Gluckstadt Road-traffic signal and intersection improvements.

Since that time, the County has moved forward with the recommendation. On February 28, 2017, sealed bids were received for construction. The lowest bid was submitted by Warren Excavation, LLC in the amount of \$532,836.00. Therefore, the Engineering Department recommends the Board to approve and award the bid to Warren Excavation, LLC for construction of Distribution Drive/Gluckstadt Road Improvements.

March 1, 2017
N-S Project No. 13505.000

Mr. Dan Gaillet
Road Manager
County of Madison
3137 South Liberty Street
Canton, MS 39046

REFERENCE: GLUCKSTADT ROAD – DISTRIBUTION DRIVE INTERSECTION
IMPROVEMENTS PROJECT

Dear Dan:

We have reviewed the five (5) bids that were submitted for the referenced project on February 28, 2017. We found a minor discrepancy on the low bid, consisting of a mathematical error. The discrepancy did not affect the order of the bidders. The combined low bid (Base Bid + Alternate Bid) of \$536,636.00 was submitted by Warren Excavation, LLC. Based upon a review of the bid documents and our knowledge of the contractor and his sub-contractors, it is recommended that the project be awarded to Warren Excavation, LLC. Our analysis of the bids is detailed below:

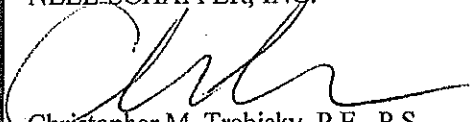
| Contractor | Base Bid | Alternate Bid | Total Bid |
|---------------------------|--------------|---------------|--------------|
| Engineer's Estimate | \$504,938.00 | \$77,875.00 | \$582,813.00 |
| Warren Excavation, LLC | \$453,423.00 | \$83,213.00 | \$536,636.00 |
| Hemphill Construction Co | \$510,666.85 | \$77,430.00 | \$588,096.85 |
| Southern Rock LLC | \$507,836.25 | \$83,282.50 | \$591,118.75 |
| Thornton Construction | \$541,366.30 | \$91,400.00 | \$632,766.30 |
| Birdsong Construction Co. | \$590,164.00 | \$102,850.00 | \$693,014.00 |

A copy of the bid tabulation is attached.

Should you have any questions, or require additional information, please do not hesitate to contact me.

Sincerely,

NEEL-SCHAFFER, INC.



Christopher M. Trebisky, P.E., P.S.
Project Manager

CMT: cmt

cc: Hardy Crunk
Stan Wright

Gluckstadt Road - Distribution Drive Intersection Improvements Project

Bld Tabulation
Bld Date: February 28, 2017

| Base Bld | Item No. | Description | Unit | Quantity | ENGINEERS ESTIMATE | | WARREN EXCAVATION | | HEMPHILL CONSTRUCTION CO. | | SOUTHERN ROCK LLC | | THORNTON CONSTRUCTION | | BIRDSONG CONSTRUCTION | |
|----------|----------|--|------|----------|--------------------|--------------|-------------------|--------------|---------------------------|--------------|-------------------|--------------|-----------------------|--------------|-----------------------|--------------|
| | | | | | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
| | 1.0 | Mobilization | LS | 1 | \$45,000.00 | \$ 45,000.00 | \$ 33,900.00 | \$ 33,900.00 | \$ 43,800.00 | \$ 43,800.00 | \$ 60,000.00 | \$ 60,000.00 | \$ 44,800.00 | \$ 44,800.00 | \$ 45,000.00 | \$ 45,000.00 |
| | 2.0 | Maintenance & Protection of Traffic | LS | 1 | \$25,000.00 | \$ 25,000.00 | \$ 19,000.00 | \$ 19,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 35,000.00 | \$ 35,000.00 | \$ 23,930.00 | \$ 23,930.00 | \$ 55,900.00 | \$ 55,900.00 |
| | 3.0 | Removal of Concrete Curb & Gutter | LS | 1 | \$10,000.00 | \$ 10,000.00 | \$ 5,900.00 | \$ 5,900.00 | \$ 7,000.00 | \$ 7,000.00 | \$ 16,000.00 | \$ 16,000.00 | \$ 7,930.00 | \$ 7,930.00 | \$ 10,650.00 | \$ 10,650.00 |
| | 4.0 | Removal of Pipe, All Sizes | LS | 1 | \$5,000.00 | \$ 5,000.00 | \$ 4,000.20 | \$ 4,000.20 | \$ 6,000.00 | \$ 6,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 15,000.00 | \$ 15,000.00 | \$ 4,000.00 | \$ 4,000.00 |
| | 5.0 | Removal of Drainage Structures | LS | 1 | \$5,000.00 | \$ 5,000.00 | \$ 4,500.00 | \$ 4,500.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 3,000.00 | \$ 3,000.00 | \$ 1,950.00 | \$ 1,950.00 |
| | 6.0 | Site Grading & Preparation | LS | 1 | \$25,000.00 | \$ 25,000.00 | \$ 22,000.00 | \$ 22,000.00 | \$ 30,000.00 | \$ 30,000.00 | \$ 20,000.00 | \$ 20,000.00 | \$ 20,150.00 | \$ 20,150.00 | \$ 40,000.00 | \$ 40,000.00 |
| | 7.0 | Excess Excavation, LVM | CY | 1,000 | \$15.00 | \$ 15,000.00 | \$ 10.00 | \$ 10,000.00 | \$ 20.00 | \$ 20,000.00 | \$ 10.00 | \$ 10,000.00 | \$ 19.10 | \$ 19,100.00 | \$ 11.50 | \$ 11,500.00 |
| | 8.0 | Borrow Excavation, LVM | CY | 1,500 | \$15.00 | \$ 22,500.00 | \$ 13.00 | \$ 19,500.00 | \$ 24.00 | \$ 36,000.00 | \$ 14.50 | \$ 21,750.00 | \$ 25.20 | \$ 37,800.00 | \$ 14.00 | \$ 21,000.00 |
| | 9.0 | 610 Crushed Stone Base | TONS | 400 | \$55.00 | \$ 22,000.00 | \$ 57.00 | \$ 22,800.00 | \$ 70.00 | \$ 28,000.00 | \$ 62.00 | \$ 24,800.00 | \$ 63.50 | \$ 25,400.00 | \$ 71.50 | \$ 28,600.00 |
| | 10.0 | HMA Base Course, 19mm | TONS | 328 | \$110.00 | \$ 36,080.00 | \$ 158.00 | \$ 51,824.00 | \$ 130.00 | \$ 42,260.00 | \$ 144.21 | \$ 47,381.16 | \$ 128.50 | \$ 42,148.00 | \$ 176.00 | \$ 57,936.00 |
| | 11.0 | HMA Surface Course, 3.5mm | TONS | 175 | \$110.00 | \$ 19,275.00 | \$ 175.00 | \$ 30,625.00 | \$ 140.00 | \$ 24,500.00 | \$ 168.84 | \$ 29,545.00 | \$ 150.50 | \$ 26,337.50 | \$ 186.00 | \$ 32,550.00 |
| | 12.0 | 15" Reinforced Concrete Pipe | LF | 8 | \$40.00 | \$ 320.00 | \$ 33.00 | \$ 264.00 | \$ 85.00 | \$ 680.00 | \$ 60.00 | \$ 480.00 | \$ 82.00 | \$ 656.00 | \$ 38.50 | \$ 308.00 |
| | 13.0 | 18" Reinforced Concrete Pipe | LF | 23 | \$45.00 | \$ 1,035.00 | \$ 38.00 | \$ 876.00 | \$ 85.00 | \$ 1,955.00 | \$ 50.00 | \$ 1,150.00 | \$ 53.00 | \$ 1,219.00 | \$ 56.50 | \$ 1,299.50 |
| | 14.0 | 24" Reinforced Concrete Pipe | LF | 120 | \$70.00 | \$ 8,400.00 | \$ 42.00 | \$ 5,040.00 | \$ 86.00 | \$ 10,320.00 | \$ 55.00 | \$ 6,600.00 | \$ 64.00 | \$ 7,680.00 | \$ 80.00 | \$ 9,600.00 |
| | 15.0 | 30" Reinforced Concrete Pipe | LF | 194 | \$105.00 | \$ 20,370.00 | \$ 56.00 | \$ 10,864.00 | \$ 105.00 | \$ 20,370.00 | \$ 84.00 | \$ 16,368.00 | \$ 76.75 | \$ 14,889.50 | \$ 85.50 | \$ 16,781.00 |
| | 16.0 | 36" Reinforced Concrete Pipe | LF | 142 | \$130.00 | \$ 18,460.00 | \$ 68.00 | \$ 9,656.00 | \$ 110.00 | \$ 15,620.00 | \$ 85.00 | \$ 12,070.00 | \$ 92.00 | \$ 13,064.00 | \$ 89.00 | \$ 12,638.00 |
| | 17.0 | 36" Concrete Flared End Section | EA | 1 | \$2,000.00 | \$ 2,000.00 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,500.00 | \$ 1,500.00 | \$ 1,120.00 | \$ 1,120.00 | \$ 1,300.00 | \$ 1,300.00 |
| | 18.0 | Rip Rap | TONS | 50 | \$35.00 | \$ 1,750.00 | \$ 70.00 | \$ 3,500.00 | \$ 80.00 | \$ 4,000.00 | \$ 80.00 | \$ 4,000.00 | \$ 83.00 | \$ 4,150.00 | \$ 70.00 | \$ 3,500.00 |
| | 19.0 | Grate Inlet | EA | 2 | \$2,500.00 | \$ 5,000.00 | \$ 2,800.00 | \$ 5,600.00 | \$ 2,850.00 | \$ 5,700.00 | \$ 3,000.00 | \$ 6,000.00 | \$ 2,840.00 | \$ 5,680.00 | \$ 3,300.00 | \$ 6,600.00 |
| | 20.0 | Curb Inlet | EA | 4 | \$4,000.00 | \$ 16,000.00 | \$ 3,600.00 | \$ 14,400.00 | \$ 4,750.00 | \$ 19,000.00 | \$ 3,000.00 | \$ 12,000.00 | \$ 3,840.00 | \$ 15,360.00 | \$ 4,975.00 | \$ 19,900.00 |
| | 21.0 | Modify Existing Inlet | EA | 1 | \$1,000.00 | \$ 1,000.00 | \$ 1,800.00 | \$ 1,800.00 | \$ 2,700.00 | \$ 2,700.00 | \$ 5,000.00 | \$ 5,000.00 | \$ 4,000.00 | \$ 4,000.00 | \$ 3,250.00 | \$ 3,250.00 |
| | 22.0 | Branch Connection | EA | 1 | \$250.00 | \$ 250.00 | \$ 1,200.00 | \$ 1,200.00 | \$ 1,250.00 | \$ 1,250.00 | \$ 3,000.00 | \$ 3,000.00 | \$ 3,450.00 | \$ 3,450.00 | \$ 1,325.00 | \$ 1,325.00 |
| | 23.0 | Anchor Reinforced Vegetation System | SY | 75 | \$15.00 | \$ 1,125.00 | \$ 40.00 | \$ 3,000.00 | \$ 45.00 | \$ 3,375.00 | \$ 25.00 | \$ 1,875.00 | \$ 57.00 | \$ 4,275.00 | \$ 110.00 | \$ 8,250.00 |
| | 24.0 | Concrete Curb and Gutter | LF | 875 | \$25.00 | \$ 21,875.00 | \$ 23.50 | \$ 20,562.50 | \$ 30.00 | \$ 26,250.00 | \$ 25.00 | \$ 21,875.00 | \$ 32.00 | \$ 28,000.00 | \$ 32.50 | \$ 28,437.50 |
| | 25.0 | Pavement Markings | LS | 1 | \$10,000.00 | \$ 10,000.00 | \$ 10,500.00 | \$ 10,500.00 | \$ 7,250.00 | \$ 7,250.00 | \$ 9,500.00 | \$ 9,500.00 | \$ 13,150.00 | \$ 13,150.00 | \$ 10,500.00 | \$ 10,500.00 |
| | 26.0 | Solid Sodding | SY | 1,000 | \$5.00 | \$ 5,000.00 | \$ 6.00 | \$ 6,000.00 | \$ 6.00 | \$ 6,000.00 | \$ 5.00 | \$ 5,000.00 | \$ 6.13 | \$ 6,130.00 | \$ 6.78 | \$ 6,780.00 |
| | 27.0 | Erosion Control Protection | LS | 1 | \$5,000.00 | \$ 5,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 4,300.00 | \$ 4,300.00 | \$ 6,500.00 | \$ 6,500.00 | \$ 12,000.00 | \$ 12,000.00 | \$ 14,250.00 | \$ 14,250.00 |
| | 28.0 | Traffic Signal Equipment Pole, Type III, 17' Short, 45' & 50' Arms | EA | 1 | \$15,000.00 | \$ 15,000.00 | \$ 12,200.00 | \$ 12,200.00 | \$ 12,000.00 | \$ 12,000.00 | \$ 11,300.00 | \$ 11,300.00 | \$ 12,940.00 | \$ 12,940.00 | \$ 12,450.00 | \$ 12,450.00 |
| | 29.0 | Traffic Signal Equipment Pole, Type III, 17' Short, 55' & 55' Arms | EA | 1 | \$16,000.00 | \$ 16,000.00 | \$ 13,100.00 | \$ 13,100.00 | \$ 13,000.00 | \$ 13,000.00 | \$ 12,100.00 | \$ 12,100.00 | \$ 13,850.00 | \$ 13,850.00 | \$ 16,500.00 | \$ 16,500.00 |
| | 30.0 | Pole Foundations, 36" Diameter | CY | 8 | \$1,000.00 | \$ 8,000.00 | \$ 685.00 | \$ 5,480.00 | \$ 700.00 | \$ 5,600.00 | \$ 615.00 | \$ 4,920.00 | \$ 705.00 | \$ 5,640.00 | \$ 575.00 | \$ 4,600.00 |
| | 31.0 | Traffic Signal Heads, Type 1 Led | EA | 8 | \$1,000.00 | \$ 8,000.00 | \$ 860.00 | \$ 6,880.00 | \$ 835.00 | \$ 6,680.00 | \$ 795.00 | \$ 6,360.00 | \$ 910.00 | \$ 7,280.00 | \$ 800.00 | \$ 6,400.00 |
| | 32.0 | Traffic Signal Heads, Type 2 Fva Led | EA | 2 | \$1,500.00 | \$ 3,000.00 | \$ 1,285.00 | \$ 2,570.00 | \$ 1,230.00 | \$ 2,460.00 | \$ 1,170.00 | \$ 2,340.00 | \$ 1,400.00 | \$ 2,800.00 | \$ 1,285.00 | \$ 2,570.00 |
| | 33.0 | Signal Radar System | EA | 1 | \$45,000.00 | \$ 45,000.00 | \$ 49,700.00 | \$ 49,700.00 | \$ 46,000.00 | \$ 46,000.00 | \$ 46,000.00 | \$ 46,000.00 | \$ 52,670.00 | \$ 52,670.00 | \$ 45,100.00 | \$ 45,100.00 |
| | 34.0 | Solid State Traffic Actuated Controllers, Type 8A | EA | 1 | \$20,000.00 | \$ 20,000.00 | \$ 16,700.00 | \$ 16,700.00 | \$ 16,000.00 | \$ 16,000.00 | \$ 15,480.00 | \$ 15,480.00 | \$ 17,700.00 | \$ 17,700.00 | \$ 17,050.00 | \$ 17,050.00 |
| | 35.0 | Optical Detector | EA | 4 | \$1,000.00 | \$ 4,000.00 | \$ 665.00 | \$ 2,660.00 | \$ 650.00 | \$ 2,600.00 | \$ 615.00 | \$ 2,460.00 | \$ 704.00 | \$ 2,816.00 | \$ 770.00 | \$ 3,080.00 |
| | 36.0 | Optical Detector Cable | LF | 470 | \$3.00 | \$ 1,410.00 | \$ 1.50 | \$ 705.00 | \$ 1.50 | \$ 705.00 | \$ 1.40 | \$ 658.00 | \$ 1.65 | \$ 775.50 | \$ 5.00 | \$ 2,350.00 |
| | 37.0 | Phase Selector, 4 Channel | EA | 1 | \$4,000.00 | \$ 4,000.00 | \$ 3,600.00 | \$ 3,600.00 | \$ 3,500.00 | \$ 3,500.00 | \$ 3,330.00 | \$ 3,330.00 | \$ 3,813.00 | \$ 3,813.00 | \$ 3,575.00 | \$ 3,575.00 |
| | 38.0 | Pulbox, Type 3 | EA | 1 | \$1,500.00 | \$ 1,500.00 | \$ 1,300.00 | \$ 1,300.00 | \$ 1,300.00 | \$ 1,300.00 | \$ 1,230.00 | \$ 1,230.00 | \$ 1,410.00 | \$ 1,410.00 | \$ 1,000.00 | \$ 1,000.00 |
| | 39.0 | Pulbox, Type 2 | EA | 1 | \$1,200.00 | \$ 1,200.00 | \$ 1,275.00 | \$ 1,275.00 | \$ 1,250.00 | \$ 1,250.00 | \$ 1,180.00 | \$ 1,180.00 | \$ 1,350.00 | \$ 1,350.00 | \$ 800.00 | \$ 800.00 |
| | 40.0 | Street Name Sign, Encapsulated Lens | SF | 35 | \$150.00 | \$ 5,250.00 | \$ 69.00 | \$ 2,415.00 | \$ 86.00 | \$ 3,010.00 | \$ 82.00 | \$ 2,870.00 | \$ 94.00 | \$ 3,290.00 | \$ 110.00 | \$ 3,850.00 |
| | 41.0 | Fiber Optic Drop Cable, 12 Sm | LF | 535 | \$12.00 | \$ 6,420.00 | \$ 2.16 | \$ 1,155.60 | \$ 2.10 | \$ 1,123.50 | \$ 2.00 | \$ 1,070.00 | \$ 2.30 | \$ 1,230.50 | \$ 8.00 | \$ 4,280.00 |
| | 42.0 | Network Switch, Type A | EA | 1 | \$5,000.00 | \$ 5,000.00 | \$ 2,570.00 | \$ 2,570.00 | \$ 2,500.00 | \$ 2,500.00 | \$ 2,380.00 | \$ 2,380.00 | \$ 2,725.00 | \$ 2,725.00 | \$ 3,685.00 | \$ 3,685.00 |
| | 43.0 | Electric Cable, Underground In Conduit, Thhn, Awg #6, 3 Conductor | LF | 20 | \$35.00 | \$ 700.00 | \$ 24.00 | \$ 480.00 | \$ 23.00 | \$ 460.00 | \$ 22.00 | \$ 440.00 | \$ 25.00 | \$ 500.00 | \$ 20.00 | \$ 400.00 |
| | 44.0 | Electric Cable, Underground In Conduit, Imss 20-1, Awg 14, 8 Conductor | LF | 290 | \$5.00 | \$ 1,450.00 | \$ 5.40 | \$ 1,566.00 | \$ 5.25 | \$ 1,522.50 | \$ 5.00 | \$ 1,450.00 | \$ 5.75 | \$ 1,667.50 | \$ 5.00 | \$ 1,450.00 |
| | 45.0 | Electric Cable, Aerial Supported, Imss 20-1, Awg 14, 8 Conductor | LF | 193 | \$6.00 | \$ 1,158.00 | \$ 4.40 | \$ 849.20 | \$ 4.20 | \$ 810.60 | \$ 4.00 | \$ 772.00 | \$ 4.60 | \$ 887.80 | \$ 5.00 | \$ 965.00 |
| | 46.0 | Traffic Signal Conduit, Underground, Type 4, 1" | LF | 10 | \$12.00 | \$ 120.00 | \$ 11.00 | \$ 110.00 | \$ 10.50 | \$ 105.00 | \$ 10.00 | \$ 100.00 | \$ 11.50 | \$ 115.00 | \$ 10.00 | \$ 100.00 |
| | 47.0 | Traffic Signal Conduit, Underground, Type 4, 2" | LF | 485 | \$12.00 | \$ 5,820.00 | \$ 6.50 | \$ 3,152.50 | \$ 6.30 | \$ 3,065.50 | \$ 6.00 | \$ 2,910.00 | \$ 6.90 | \$ 3,346.50 | \$ 10.00 | \$ 4,850.00 |
| | 48.0 | Traffic Signal Conduit, Underground, Type 4, 3" | LF | 25 | \$35.00 | \$ 875.00 | \$ 17.00 | \$ 425.00 | \$ 15.75 | \$ 393.75 | \$ 15.00 | \$ 375.00 | \$ 17.20 | \$ 430.00 | \$ 15.00 | \$ 375.00 |
| | 49.0 | Traffic Signal Conduit, Underground Drilled Or Jacked, Rolled Pipe, 3" | LF | 120 | \$35.00 | \$ 4,200.00 | \$ 18.00 | \$ 2,160.00 | \$ 16.80 | \$ 2,016.00 | \$ 16.00 | \$ 1,920.00 | \$ 18.30 | \$ 2,196.00 | \$ 25.00 | \$ 3,000.00 |

Total Base Bid
Total Base Bid - Written Bid (if Different)

\$ 504,938.00
\$ 504,938.00

\$ 453,423.00
\$ 449,623.00

\$ 510,666.85
\$ 510,666.85

\$ 507,836.25
\$ 507,836.25

\$ 541,368.30
\$ 541,368.30

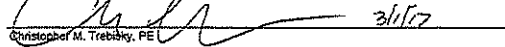
\$ 590,164.00
\$ 590,164.00

Alternate Bid

| Item No. | Description | Unit | Quantity | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total | Unit Price | Total |
|----------|-------------------------------------|------|----------|-------------|--------------|-------------|--------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| A1.1 | Milling, 1.5" Thick | SY | 3,500 | \$6.00 | \$ 21,000.00 | \$ 7.40 | \$ 25,900.00 | \$ 5.00 | \$ 17,500.00 | \$ 6.70 | \$ 23,450.00 | \$ 7.20 | \$ 25,200.00 | \$ 8.00 | \$ 28,000.00 |
| A1.2 | HMA Surface Course, 9.5mm | TONS | 375 | \$105.00 | \$ 39,375.00 | \$ 142.50 | \$ 53,437.50 | \$ 140.00 | \$ 52,500.00 | \$ 129.50 | \$ 48,592.50 | \$ 141.60 | \$ 53,100.00 | \$ 162.00 | \$ 60,750.00 |
| A1.3 | Pavement Markings | LS | 1 | \$7,500.00 | \$ 7,500.00 | \$ 1,375.00 | \$ 1,375.00 | \$ 2,430.00 | \$ 2,430.00 | \$ 1,240.00 | \$ 1,240.00 | \$ 1,650.00 | \$ 1,650.00 | \$ 1,650.00 | \$ 1,650.00 |
| A1.4 | Maintenance & Protection of Traffic | LS | 1 | \$10,000.00 | \$ 10,000.00 | \$ 2,500.50 | \$ 2,500.50 | \$ 5,000.00 | \$ 5,000.00 | \$ 10,000.00 | \$ 10,000.00 | \$ 11,450.00 | \$ 11,450.00 | \$ 12,600.00 | \$ 12,600.00 |

| | | | | | | |
|---|---------------|---------------|---------------|---------------|---------------|---------------|
| Total Alternate Bid | \$ 77,875.00 | \$ 83,213.00 | \$ 77,430.00 | \$ 83,262.50 | \$ 91,400.00 | \$ 102,850.00 |
| Total Alternate Bid - Written Bid (if Different) | \$ 77,875.00 | \$ 83,213.00 | \$ 77,430.00 | \$ 83,262.50 | \$ 91,400.00 | \$ 102,850.00 |
| Total Base Bid + Alternate Bid | \$ 582,813.00 | \$ 536,636.00 | \$ 588,096.85 | \$ 591,118.75 | \$ 632,788.30 | \$ 683,014.00 |
| Total Base Bid + Alternate Bid - Written Bid (if Different) | \$ 582,813.00 | \$ 532,836.00 | \$ 588,096.85 | \$ 591,118.75 | \$ 632,788.30 | \$ 683,014.00 |

I HEREBY CERTIFY THIS IS A TRUE AND CORRECT TABULATION OF THE BIDS RECEIVED ON FEBRUARY 28, 2017.

 3/1/17
Christopher M. Trebisky, PE