

June 3, 2020

Mayor and City Council

City of Oelwein
20 2nd Ave SW
Oelwein, IA 50662

Wings East Pavement Improvements Project – Recommendation of Award

FOX Ref No: 1022-18A.440

Dear Mayor and City Council:

The City of Oelwein received bids on June 2, 2020, for the **Wings East Pavement Improvements Project**. The project consists of a 3.5-inch HMA overlay on portions of 12th Ave NE, 13th Ave NE, 2nd St NE, and 3rd St NE. The project also includes a full depth PCC replacement for portions of 3rd St NE and 13th Ave NE. There will also be pavement removal and replacement of select driveways and sidewalks. Portions of storm sewer and subdrain will be installed as well. Erosion control, traffic control and permanent seeding will also be included in this project. The total length of improvements is approximately 0.6 miles.

The Public Hearing will be held on Monday June 8, 2020, to approve the plans, specifications, form of contract, and estimated total cost of the project as required by Iowa Code Chapter 26.12. The City has published the notice for the public hearing as required by Iowa Code Chapter 362.3. The City must record its decision to approve the items considered at the public hearing by resolution. After the City Council passes a resolution to award the proposed contract, the City will send 2 originals of the unsigned contract to the low bidder.

The City received 7 apparent bids on the project. The Engineer's opinion of probable construction cost without contingency was \$462,000.00. The bids ranged from a high of \$503,587.85 to a low of \$441,953.00. A Bid Tabulation is enclosed for your reference. Following is the list of apparent bids:

• LODGE CONSTRUCTION, INC.	\$441,953.00
• HEARTLAND ASPHALT	\$447,175.60
• KLUESNER CONSTRUCTION, INC.	\$449,388.50
• EASTERN IOWA EXCAVATING & CONCRETE LLC	\$458,693.75
• BAKER ENTERPRISES	\$464,641.00
• PIRC-TOBIN	\$473,661.20
• TSCHIGGFRIE EXCAVATING CO.	\$503,587.85

Lodge Construction, Inc. of Clarksville, IA, submitted the low bid of **\$441,953.00**. The low bid is \$20,047.00 below the Engineer's opinion (4.3% below).

Lodge Construction has constructed multiple projects in communities around Oelwein, including, Charles City, Waverly, and Waterloo. Recently in Waverly they have completed a riverbank and storm sewer improvement project. Currently, in Waterloo they are constructing a street and sewer reconstruction in which they are doing the removals, grading, storm sewer, and tile work. Please see the attached letter from the Worth County Board of Supervisors in regard to Lodge Construction's work on a triple cell box culvert replacement project.

FOX contacted Lodge Construction, Inc. to discuss their bid, schedule, and similar projects that they have completed. Lodge Construction believes their bid is reasonable and has found no errors or omissions. They have no concerns with their current workload or schedule that would be a hindrance to getting this job completed on schedule. After the project is awarded, Lodge Construction will be working with their sub-contractors on a detailed schedule, but for now anticipate starting construction soon after the July 4th holiday.

Lodge Construction plans to complete the storm sewer, topsoil, earthwork, subgrade preparation, and removals. Lodge Construction plans to use sub-contractors to complete portions of the work as follows:

- Heartland Asphalt: HMA Paving
- E&F Paving Co: Sidewalk and Curb and Gutter
- Tiedt Nursery: Seeding
- Iowa Plains: Traffic Control

To evaluate their Bid we discussed their current projects and reviewed their performance on previous projects. FOX has contacted the City of Waterloo and the City of Charles City to discuss past projects Lodge Construction has completed in their communities. Both cities expressed that they were a good contractor to work with and would work with them in the future if possible. In Waterloo, they worked well with the public and provided ample notification to residences impacted by construction.

Lodge Construction was incorporated in January of 2015, and completed six million dollars worth of projects last year. Based on these investigations, we believe Lodge Construction, Inc. has the practical knowledge of the work, adequate equipment and personnel, sufficient schedule, and financial resources to complete the work.

Therefore, FOX recommends that the Wings East Pavement Improvements Project be awarded to Lodge Construction, Inc. for their Total Bid of **\$441,953.00** plus Bid Alternates if desired by Council.

In addition to the base bid, this project included two Bid Alternates. Bid Alternate 1 is for a Driveway Edge Notch. In this Alternate the contractor will mill a 1-inch deep longitudinal notch at each residential driveway for the HMA overlay to abut directly to the existing driveway pavement. This will provide greater pavement strength and decrease the likelihood of edge raveling at the driveways. The base bid has the driveway connections being feathered with a sand seal to match the existing driveway pavement.

Bid Alternate 2 is for the contractor to sand seal the edges of the HMA overlay along the existing curb for the entire overlay. This work involves installing emulsified asphalt topped with sand at the junction of where the HMA overlay meets the existing back of curb. The sand seal keeps water out of the pavement section by filling fine cracks. This process has a life expectancy of 3 to 5 years, so the City should plan to re-seal periodically if this option is chosen.

FOX discussed the two Bid Alternates with City Staff, and they recommend construction of Bid Alternate 1 – Driveway Edge Notch. Staff indicated that they have the patching material needed to repair an Edge Notch construction and not the sand seal.

According to bidding documents, the Council has the following options:

- Option 1: Award the Base Bid to Lodge Construction for \$441,953.00
- Option 2: Award the Base Bid and Bid Alternate 1 (Driveway Edge Notch for \$6,718.40) to Lodge Construction for \$448,671.40
- Option 3: Award the Base Bid and Bid Alternate 2 (Sand Seal for \$4,209.00) to Lodge Construction for \$446,162.00
- Option 4: Award the Base Bid and Bid Alternates 1 and 2 to Lodge Construction for \$452,880.40
- Option 5: Other Recommendation by Council

We believe Lodge Construction's bid represents the lowest responsive, responsible bid for the project and is in the best interest of the project. Prior to the City of Oelwein approving the contract, the City's insurance counsel should review the contractor's insurance certificates and performance and maintenance bonds for conformance with the City of Oelwein requirements.

We have enclosed the Notice of Award for your use. If approved, please sign and return to FOX Engineering. FOX will then execute the contract documents. Please contact us with any questions or comments regarding this recommendation.

Sincerely,
FOX Engineering Associates, Inc.

John Gade, P.E.

John Gade, P.E.

*Attachments: Worth County Letter
Bid Tabulation
Notice of Award*



**OFFICE OF
WORTH COUNTY BOARD OF SUPERVISORS**

Merlin Bartz, Chairperson
Kenneth J. Abrams, Vice-Chairperson
Mark Smeby, Supervisor

1000 CENTRAL AVE
NORTHWOOD, IA 50459

PHONE 641-324-3630
FAX 641-324-3682

October 6, 2017

Steve Lodge
Lodge Construction, Inc.
P.O. Box 459
Clarksville, IA 50619

Steve:

The Worth County Board of Supervisors would like to thank you for your work on Project L-C098(355610)—73-98. Specifically the speed at which you closed the road, performed the construction and opened back to traffic is commendable. We are pleased the project was completed in the time frame required and the residents that use the road are happy it is back in service.

Once again thank you!

Sincerely,

Worth County Board of Supervisors

Merlin Bartz
Chairperson

Kenneth J. Abrams
Vice-Chairperson

Mark Smeby
Supervisor

BID TABULATION

Wings East Pavement Improvements Project
Oelwein, IA

BID DATE: June 2, 2020
FOX PN: 1022-18A

ITEM NO.	DESCRIPTION	CONTRACTORS:		Engineer's Opinion Probable Cost		Lodge Construction Inc. PO Box 459 Clarksville, IA 50619	Heartland Asphalt, Inc. 2601 S. Federal Ave Mason City, IA 50401	Kluesner Construction, Inc. 1007 1st Ave W Farley, IA 52046	Eastern Iowa Excavating & Concrete, LLC PO Box 189 Cascade, IA 52033	Baker Enterprises, Inc. 2203 E. Bremer Ave Waverly, IA 50677					
		UNITS	QTY	UNIT PRICE	TOTAL PRICE										
CHECK OR BID BOND															
DIVISION 1 - GENERAL (NOT USED)															
DIVISION 2 - EARTHWORK															
2.01	TOPSOIL, ON-SITE	CY	147	\$ 30.00	\$ 4,410.00	\$ 32.00	\$ 4,704.00	\$ 46.23	\$ 6,795.81	\$ 12.00	\$ 1,764.00	\$ 45.00	\$ 6,615.00	\$ 37.00	\$ 5,439.00
2.02	EXCAVATION, ON-SITE	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 6,000.00	\$ 6,000.00	\$ 5,750.00	\$ 5,750.00	\$ 2,500.00	\$ 2,500.00	\$ 14,250.00	\$ 14,250.00	\$ 12,000.00	\$ 12,000.00
2.03	SUBGRADE PREPARATION, 6-INCH	SY	2000	\$ 6.00	\$ 12,000.00	\$ 2.00	\$ 4,000.00	\$ 0.75	\$ 1,500.00	\$ 4.00	\$ 8,000.00	\$ 0.65	\$ 1,300.00	\$ 2.50	\$ 5,000.00
2.04	SUBBASE, MODIFIED, 6-INCH	SY	2000	\$ 8.50	\$ 17,000.00	\$ 5.00	\$ 10,000.00	\$ 5.55	\$ 11,100.00	\$ 8.37	\$ 16,740.00	\$ 6.00	\$ 12,000.00	\$ 6.50	\$ 13,000.00
DIVISION 3 - TRENCH EXCAVATION AND BACKFILL															
3.01	TRENCH FOUNDATION	TON	50	\$ 20.00	\$ 1,000.00	\$ 14.00	\$ 700.00	\$ 50.00	\$ 2,500.00	\$ 20.00	\$ 1,000.00	\$ 32.00	\$ 1,600.00	\$ 30.00	\$ 1,500.00
DIVISION 4 - SEWERS AND DRAINS															
4.01	STORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN	LF	189	\$ 70.00	\$ 13,230.00	\$ 50.00	\$ 9,450.00	\$ 55.97	\$ 10,578.33	\$ 34.00	\$ 6,426.00	\$ 58.50	\$ 11,056.50	\$ 53.00	\$ 10,017.00
4.02	STORM SEWER, TRENCHED, 15-INCH	LF	168	\$ 65.00	\$ 10,920.00	\$ 50.00	\$ 8,400.00	\$ 43.47	\$ 7,302.96	\$ 32.00	\$ 5,376.00	\$ 51.00	\$ 8,568.00	\$ 48.00	\$ 8,064.00
4.03	FOOTING DRAIN COLLECTOR, PVC, 4-INCH	LF	77	\$ 20.00	\$ 1,540.00	\$ 13.00	\$ 1,001.00	\$ 17.77	\$ 1,368.29	\$ 10.00	\$ 770.00	\$ 19.00	\$ 1,463.00	\$ 24.00	\$ 1,848.00
4.04	FOOTING DRAIN CLEANOUT, PVC, 4-INCH	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00	\$ 588.00	\$ 588.00	\$ 200.00	\$ 200.00	\$ 575.00	\$ 575.00	\$ 700.00	\$ 700.00
4.05	FOOTING DRAIN CONNECTION	EA	2	\$ 800.00	\$ 1,600.00	\$ 400.00	\$ 800.00	\$ 334.00	\$ 668.00	\$ 90.00	\$ 180.00	\$ 230.00	\$ 460.00	\$ 575.00	\$ 1,150.00
DIVISION 5 - WATER MAIN & APPURTENANCES (NOT USED)															
DIVISION 6 - STRUCTURES FOR SANITARY & STORM SEWERS															
6.01	INTAKE, SW-501	EA	4	\$ 3,500.00	\$ 14,000.00	\$ 4,500.00	\$ 18,000.00	\$ 4,015.00	\$ 16,060.00	\$ 3,100.00	\$ 12,400.00	\$ 2,775.00	\$ 11,100.00	\$ 3,500.00	\$ 14,000.00
6.02	CONNECTION TO EXISTING INTAKE	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 1,500.00	\$ 3,000.00	\$ 888.00	\$ 1,776.00	\$ 650.00	\$ 1,300.00	\$ 625.00	\$ 1,250.00	\$ 1,250.00	\$ 2,500.00
DIVISION 7 - STREETS AND RELATED WORK															
7.01	CURB AND GUTTER, 36-INCH WIDTH, 7-INCH THICKNESS	LF	770	\$ 30.00	\$ 23,100.00	\$ 31.00	\$ 23,870.00	\$ 30.00	\$ 23,100.00	\$ 36.00	\$ 27,720.00	\$ 29.85	\$ 22,984.50	\$ 37.00	\$ 28,490.00
7.02	PAVEMENT, HMA 7-INCH	SY	1575	\$ 44.00	\$ 69,300.00	\$ 40.00	\$ 63,000.00	\$ 38.85	\$ 61,188.75	\$ 43.00	\$ 67,725.00	\$ 41.00	\$ 64,575.00	\$ 40.80	\$ 64,260.00
7.03	HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,000.00	\$ 1,000.00	\$ 550.00	\$ 550.00	\$ 11,000.00	\$ 11,000.00	\$ 605.00	\$ 605.00	\$ 600.00	\$ 600.00
7.04	HMA OVERLAY, LEVELING COURSE	TONS	450	\$ 115.00	\$ 51,750.00	\$ 106.00	\$ 47,700.00	\$ 101.70	\$ 45,765.00	\$ 125.00	\$ 56,250.00	\$ 108.00	\$ 48,600.00	\$ 107.00	\$ 48,150.00
7.05	HMA OVERLAY, 1.0-INCH, INTERLAYER	SY	7240	\$ 6.50	\$ 47,060.00	\$ 7.50	\$ 54,300.00	\$ 7.45	\$ 53,938.00	\$ 6.40	\$ 46,336.00	\$ 8.00	\$ 57,920.00	\$ 7.85	\$ 56,834.00
7.06	HMA OVERLAY, 1.5-INCH, SURFACE COURSE	SY	8350	\$ 7.20	\$ 60,120.00	\$ 8.50	\$ 70,975.00	\$ 8.20	\$ 68,470.00	\$ 8.90	\$ 74,315.00	\$ 8.75	\$ 73,062.50	\$ 8.60	\$ 71,810.00
7.07	REMOVAL OF DRIVEWAY	SY	113	\$ 10.00	\$ 1,130.00	\$ 7.00	\$ 791.00	\$ 11.88	\$ 1,342.44	\$ 4.50	\$ 508.50	\$ 19.50	\$ 2,203.50	\$ 15.00	\$ 1,695.00
7.08	REMOVAL OF SIDEWALK	SY	216	\$ 10.00	\$ 2,160.00	\$ 7.00	\$ 1,512.00	\$ 11.88	\$ 2,566.08	\$ 4.50	\$ 972.00	\$ 22.00	\$ 4,752.00	\$ 15.00	\$ 3,240.00
7.09	REMOVAL OF CURB	LF	4	\$ 10.00	\$ 40.00	\$ 50.00	\$ 200.00	\$ 50.00	\$ 200.00	\$ 30.00	\$ 120.00	\$ 70.25	\$ 281.00	\$ 125.00	\$ 500.00
7.10	SIDEWALK, PCC, 4-INCH	SY	151	\$ 60.00	\$ 9,060.00	\$ 42.00	\$ 6,342.00	\$ 40.00	\$ 6,040.00	\$ 94.00	\$ 14,194.00	\$ 54.00	\$ 8,154.00	\$ 56.00	\$ 8,456.00
7.11	SIDEWALK RAMP, PCC, 6-INCH	SY	82	\$ 65.00	\$ 5,330.00	\$ 71.00	\$ 5,822.00	\$ 70.00	\$ 5,740.00	\$ 104.00	\$ 8,528.00	\$ 76.00	\$ 6,232.00	\$ 73.00	\$ 5,986.00
7.12	DETECTABLE WARNINGS	SF	144	\$ 65.00	\$ 9,360.00	\$ 52.00	\$ 7,488.00	\$ 50.00	\$ 7,200.00	\$ 85.00	\$ 12,240.00	\$ 33.00	\$ 4,752.00	\$ 30.00	\$ 4,320.00
7.13	DRIVEWAY, PAVED, PCC, 6-INCH	SY	113	\$ 80.00	\$ 9,040.00	\$ 52.00	\$ 5,876.00	\$ 50.00	\$ 5,650.00	\$ 94.00	\$ 10,622.00	\$ 56.50	\$ 6,384.50	\$ 60.00	\$ 6,780.00
7.14	SUBBASE OVER-EXCAVATION	TON	200	\$ 25.00	\$ 5,000.00	\$ 23.00	\$ 4,600.00	\$ 22.75	\$ 4,550.00	\$ 38.00	\$ 7,600.00	\$ 26.00	\$ 5,200.00	\$ 30.00	\$ 6,000.00
7.15	MILLING	SY	155	\$ 20.00	\$ 3,100.00	\$ 42.00	\$ 6,510.00	\$ 39.05	\$ 6,052.75	\$ 34.00	\$ 5,270.00	\$ 42.00	\$ 6,510.00	\$ 41.00	\$ 6,355.00
7.16	PAVEMENT REMOVAL	SY	2466	\$ 10.00	\$ 24,660.00	\$ 7.00	\$ 17,262.00	\$ 4.09	\$ 10,085.94	\$ 5.50	\$ 13,563.00	\$ 5.25	\$ 12,946.50	\$ 7.00	\$ 17,262.00
DIVISION 8 - TRAFFIC SIGNALS															
8.01	TEMPORARY TRAFFIC CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 6,000.00	\$ 6,000.00	\$ 3,800.00	\$ 3,800.00	\$ 6,400.00	\$ 6,400.00	\$ 4,150.00	\$ 4,150.00	\$ 4,000.00	\$ 4,000.00
DIVISION 9 - SITE WORK & LANDSCAPING															
9.01	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.50	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,000.00	\$ 3,000.00	\$ 6,200.00	\$ 3,100.00	\$ 13,500.00	\$ 6,750.00	\$ 8,500.00	\$ 4,250.00
9.02	FILTER SOCK, 8-INCH	LF	163	\$ 10.00	\$ 1,630.00	\$ 3.00	\$ 489.00	\$ 6.00	\$ 978.00	\$ 38.00	\$ 6,194.00	\$ 4.00	\$ 652.00	\$ 7.00	\$ 1,141.00
9.03	FILTER SOCKS, REMOVAL	LF	163	\$ 5.00	\$ 815.00	\$ 1.00	\$ 163.00	\$ 3.00	\$ 489.00	\$ 5.00	\$ 815.00	\$ 2.00	\$ 326.00	\$ 3.00	\$ 489.00
DIVISION 10 - DEMOLITION (NOT USED)															
DIVISION 11 - MISCELLANEOUS															
11.01	MOBILIZATION	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000.00	\$ 63,000.00	\$ 63,000.00	\$ 7,500.00	\$ 7,500.00	\$ 42,000.00	\$ 42,000.00	\$ 38,500.00	\$ 38,500.00
11.02	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,125.00	\$ 1,125.00	\$ 1,500.00	\$ 1,500.00
11.03	CONCRETE WASHOUT	LS	1	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 1,200.00	\$ 1,200.00	\$ 730.00	\$ 730.00	\$ 500.00	\$ 500.00
DIVISION 12 - SPECIALTY ITEMS															
12.01	GRANULAR SURFACING, CLASS A	TON	31	\$ 40.00	\$ 1,240.00	\$ 23.00	\$ 713.00	\$ 19.75	\$ 612.25	\$ 30.00	\$ 930.00	\$ 23.25	\$ 720.75	\$ 30.00	\$ 930.00
12.02	PERMANENT SIGNAGE	EA	9	\$ 200.00	\$ 1,800.00	\$ 225.00	\$ 2,025.00	\$ 135.00	\$ 1,215.00	\$ 220.00	\$ 1,980.00	\$ 200.00	\$ 1,800.00	\$ 275.00	\$ 2,475.00
12.03	FIXTURE ADJUSTMENTS	EA	7	\$ 500.00	\$ 3,500.00	\$ 680.00	\$ 4,760.00	\$ 665.00	\$ 4,655.00	\$ 950.00	\$ 6,550.00	\$ 720.00	\$ 5,040.00	\$ 700.00	\$ 4,900.00
Total				\$	461,895.00	\$	441,953.00	\$	447,175.60	\$	449,388.50	\$	458,693.75	\$	464,641.00
BID ALTERNATE 1															
1.01	DRIVEWAY EDGE NOTCH	LF	646	\$ 15.00	\$ 9,690.00	\$ 10.40	\$ 6,718.40	\$ 10.41	\$ 6,724.86	\$ 6.50	\$ 4,199.00	\$ 11.25	\$ 7,267.50	\$ 12.00	\$ 7,752.00
BID ALTERNATE 2															
2.01	SAND SEAL	LF	4209	\$ 1.00	\$ 4,209.00	\$ 1.00	\$ 4,209.00	\$ 0.95	\$ 3,998.55	\$ 0.35	\$ 1,473.15	\$ 1.02	\$ 4,293.18	\$ 1.20	\$ 5,050.80
Total				\$	452,880.40	\$	457,899.01	\$	455,060.65	\$	470,254.43	\$	477,443.80		

BID TABULATION

BID DATE: June 2, 2020
 FOX PN: 1022-18A

		CONTRACTORS:		Engineer's Opinion Probable Cost		Pirc-Tobin Construction, Inc PO Box 160 Albernett, IA 52202		Tschiggfrie Excavating 425 Julien Dubuque Drive Dubuque, IA 52003	
CHECK OR BID BOND									
ITEM NO.	DESCRIPTION	UNITS	QTY	UNIT PRICE	TOTAL PRICE				
DIVISION 1 - GENERAL (NOT USED)									
DIVISION 2 - EARTHWORK									
2.01	TOPSOIL, ON-SITE	CY	147	\$ 30.00	\$ 4,410.00	\$ 32.00	\$ 4,704.00	\$ 50.00	\$ 7,350.00
2.02	EXCAVATION, ON-SITE	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 5,800.00	\$ 5,800.00	\$ 29,000.00	\$ 29,000.00
2.03	SUBGRADE PREPARATION, 6-INCH	SY	2000	\$ 6.00	\$ 12,000.00	\$ 0.95	\$ 1,900.00	\$ 1.60	\$ 3,200.00
2.04	SUBBASE, MODIFIED, 6-INCH	SY	2000	\$ 8.50	\$ 17,000.00	\$ 7.00	\$ 14,000.00	\$ 6.20	\$ 12,400.00
DIVISION 3 - TRENCH EXCAVATION AND BACKFILL									
3.01	TRENCH FOUNDATION	TON	50	\$ 20.00	\$ 1,000.00	\$ 26.00	\$ 1,300.00	\$ 41.00	\$ 2,050.00
DIVISION 4 - SEWERS AND DRAINS									
4.01	STORM SEWER, TRENCHED, 15-INCH, AS SUBDRAIN	LF	189	\$ 70.00	\$ 13,230.00	\$ 78.00	\$ 14,742.00	\$ 49.00	\$ 9,261.00
4.02	STORM SEWER, TRENCHED, 15-INCH	LF	168	\$ 65.00	\$ 10,920.00	\$ 48.00	\$ 8,064.00	\$ 45.00	\$ 7,560.00
4.03	FOOTING DRAIN COLLECTOR, PVC, 4-INCH	LF	77	\$ 20.00	\$ 1,540.00	\$ 20.50	\$ 1,578.50	\$ 26.00	\$ 2,002.00
4.04	FOOTING DRAIN CLEANOUT, PVC, 4-INCH	EA	1	\$ 1,000.00	\$ 1,000.00	\$ 400.00	\$ 400.00	\$ 350.00	\$ 350.00
4.05	FOOTING DRAIN CONNECTION	EA	2	\$ 800.00	\$ 1,600.00	\$ 62.50	\$ 125.00	\$ 470.00	\$ 940.00
DIVISION 5 - WATER MAIN & APPURTENANCES (NOT USED)									
DIVISION 6 - STRUCTURES FOR SANITARY & STORM SEWERS									
6.01	INTAKE, SW-501	EA	4	\$ 3,500.00	\$ 14,000.00	\$ 3,100.00	\$ 12,400.00	\$ 3,200.00	\$ 12,800.00
6.02	CONNECTION TO EXISTING INTAKE	EA	2	\$ 1,500.00	\$ 3,000.00	\$ 918.00	\$ 1,836.00	\$ 620.00	\$ 1,240.00
DIVISION 7 - STREETS AND RELATED WORK									
7.01	CURB AND GUTTER, 36-INCH WIDTH, 7-INCH THICKNESS	LF	770	\$ 30.00	\$ 23,100.00	\$ 33.50	\$ 25,795.00	\$ 45.00	\$ 34,650.00
7.02	PAVEMENT, HMA 7-INCH	SY	1575	\$ 44.00	\$ 69,300.00	\$ 46.00	\$ 72,450.00	\$ 39.00	\$ 61,425.00
7.03	HMA PAVEMENT SAMPLES AND TESTING	LS	1	\$ 2,500.00	\$ 2,500.00	\$ 1,100.00	\$ 1,100.00	\$ 560.00	\$ 560.00
7.04	HMA OVERLAY, LEVELING COURSE	TONS	450	\$ 115.00	\$ 51,750.00	\$ 130.00	\$ 58,500.00	\$ 111.87	\$ 50,341.50
7.05	HMA OVERLAY, 1.0-INCH, INTERLAYER	SY	7240	\$ 6.50	\$ 47,060.00	\$ 10.00	\$ 72,400.00	\$ 7.50	\$ 54,300.00
7.06	HMA OVERLAY, 1.5-INCH, SURFACE COURSE	SY	8350	\$ 7.20	\$ 60,120.00	\$ 10.00	\$ 83,500.00	\$ 8.30	\$ 69,305.00
7.07	REMOVAL OF DRIVEWAY	SY	113	\$ 10.00	\$ 1,130.00	\$ 15.00	\$ 1,695.00	\$ 9.40	\$ 1,062.20
7.08	REMOVAL OF SIDEWALK	SY	216	\$ 10.00	\$ 2,160.00	\$ 7.20	\$ 1,555.20	\$ 6.80	\$ 1,468.80
7.09	REMOVAL OF CURB	LF	4	\$ 10.00	\$ 40.00	\$ 42.50	\$ 170.00	\$ 120.00	\$ 480.00
7.10	SIDEWALK, PCC, 4-INCH	SY	151	\$ 60.00	\$ 9,060.00	\$ 44.50	\$ 6,719.50	\$ 73.00	\$ 11,023.00
7.11	SIDEWALK RAMP, PCC, 6-INCH	SY	82	\$ 65.00	\$ 5,330.00	\$ 78.00	\$ 6,396.00	\$ 96.00	\$ 7,872.00
7.12	DETECTABLE WARNINGS	SF	144	\$ 65.00	\$ 9,360.00	\$ 56.00	\$ 8,064.00	\$ 33.00	\$ 4,752.00
7.13	DRIVEWAY, PAVED, PCC, 6-INCH	SY	113	\$ 80.00	\$ 9,040.00	\$ 56.00	\$ 6,328.00	\$ 76.00	\$ 8,588.00
7.14	SUBBASE OVER-EXCAVATION	TON	200	\$ 25.00	\$ 5,000.00	\$ 25.00	\$ 5,000.00	\$ 38.00	\$ 7,600.00
7.15	MILLING	SY	155	\$ 20.00	\$ 3,100.00	\$ 44.50	\$ 6,897.50	\$ 42.95	\$ 6,657.25
7.16	PAVEMENT REMOVAL	SY	2466	\$ 10.00	\$ 24,660.00	\$ 4.80	\$ 11,836.80	\$ 9.10	\$ 22,440.60
DIVISION 8 - TRAFFIC SIGNALS									
8.01	TEMPORARY TRAFFIC CONTROL	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 4,200.00	\$ 4,200.00	\$ 3,800.00	\$ 3,800.00
DIVISION 9 - SITE WORK & LANDSCAPING									
9.01	HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING	AC	0.50	\$ 6,000.00	\$ 3,000.00	\$ 5,600.00	\$ 2,800.00	\$ 4,500.00	\$ 2,250.00
9.02	FILTER SOCK, 8-INCH	LF	163	\$ 10.00	\$ 1,630.00	\$ 5.60	\$ 912.80	\$ 3.40	\$ 554.20
9.03	FILTER SOCKS, REMOVAL	LF	163	\$ 5.00	\$ 815.00	\$ 2.80	\$ 456.40	\$ 2.10	\$ 342.30
DIVISION 10 - DEMOLITION (NOT USED)									
DIVISION 11 - MISCELLANEOUS									
11.01	MOBILIZATION	LS	1	\$ 20,000.00	\$ 20,000.00	\$ 25,000.00	\$ 25,000.00	\$ 58,600.00	\$ 58,600.00
11.02	MAINTENANCE OF SOLID WASTE COLLECTION	LS	1	\$ 2,000.00	\$ 2,000.00	\$ 1,000.00	\$ 1,000.00	\$ 500.00	\$ 500.00
11.03	CONCRETE WASHOUT	LS	1	\$ 500.00	\$ 500.00	\$ 788.00	\$ 788.00	\$ 200.00	\$ 200.00
DIVISION 12 - SPECIALTY ITEMS									
12.01	GRANULAR SURFACING, CLASS A	TON	31	\$ 40.00	\$ 1,240.00	\$ 23.50	\$ 728.50	\$ 23.00	\$ 713.00
12.02	PERMANENT SIGNAGE	EA	9	\$ 200.00	\$ 1,800.00	\$ 150.00	\$ 1,350.00	\$ 140.00	\$ 1,260.00
12.03	FIXTURE ADJUSTMENTS	EA	7	\$ 500.00	\$ 3,500.00	\$ 167.00	\$ 1,169.00	\$ 670.00	\$ 4,690.00
Total				\$	461,895.00	\$	473,661.20	\$	503,587.85
BID ALTERNATE 1									
1.01	DRIVEWAY EDGE NOTCH	LF	646	\$ 15.00	\$ 9,690.00	\$ 15.50	\$ 10,113.00	\$ 11.00	\$ 7,106.00
BID ALTERNATE 2									
2.01	SAND SEAL	LF	4209	\$ 1.00	\$ 4,209.00	\$ 2.20	\$ 9,259.80	\$ 0.96	\$ 4,040.64
Total				\$	492,934.00	\$	492,934.00	\$	514,734.49