



March 22, 2022

Douglas R. Wilson  
Town Engineer  
Town of East Hartford  
740 Main Street  
East Hartford, CT

RE: Reconstruction of Brewer Street  
East Hartford, Connecticut  
Bid No. 22-07  
Project No. 42-318/Federal Aid ID: 1042(130)  
Project No. L042-0001  
**WSP's Bid Analysis – Executive Summary**

Dear Mr. Wilson:

WSP has completed a review of bids opened on March 16, 2022 at the Town of East Hartford for the Reconstruction of Brewer Street Project. Enclosed are pertinent Bid Analysis & Summary of Findings documents for your records.

There were four (4) responsive bidders. The apparent low bid submitted by Empire Paving, Inc., is \$7,735,889.65, approximately 13.6% above engineer's estimate.

The second bid, submitted by C.J. Fucci Inc., was \$7,944,980.53 and is 102.70% of low bid. During analysis of Fucci's bid, it was found that the incorrect extended amount was entered for "Item #0950019A – Turf Establishment – Lawn", "Item #1209114 – Hot-Applied Painted Pavement Markings 4" Yellow", "Item #1209124 – Hot-Applied Painted Pavement Markings 4" White", "Item #1210101 – 4" White Epoxy Resin Pavement Markings", "Item #1210102 – 4" Yellow Epoxy Resin Pavement Markings", "Item #1210105 – Epoxy Resin Pavement Markings, Symbols and Legends", "Item #1211001 – Removal of Pavement Markings", "Item #1212001 – Temporary Plastic Pavement Marking Tape - 4" Yellow", and "Item #1212002 – Temporary Plastic Pavement Marking Tape - 4" White". Based on the updated extended amount, C.J. Fucci's bid would be increased by \$833.47 resulting in a total bid price of \$7,945,814.00. Even with this correction, Empire Paving, Inc. remains the low bidder for the project.

The third bid, submitted by Coastline Construction Corporation, is \$8,127,000.00 and is 105.06% of low bid. The fourth bid, submitted by Tilcon CT, Inc., is \$9,257,157.55 and is 119.67% of low bid.

Based on our review of the bid and Pre-Award documents as submitted by Empire Paving, Inc. we offer the following:

- Empire Paving, Inc. has met all of the requirements of the bid.
- Background information submitted indicates Empire Paving, Inc. has been in business for 52 years in the industry and has completed several projects within the last five (5) years. Empire Paving, Inc. currently has seven (7) projects in progress approximately 35% complete in terms of combined Contract Value.



- Empire Paving, Inc. is a prequalified Contractor with the Connecticut Department of Transportation for the work to be performed (i.e. Group No. 8 Minor Bridges).
- Empire Paving, Inc. retains sufficient equipment capacity and has a readily available labor force to perform the above referenced project as prescribed in the solicitation.
- Empire Paving, Inc. has performed work of similar nature and size in the past for various governmental agencies.
- Information submitted indicates that Empire Paving, Inc. has never defaulted on a Contract or failed to complete any work awarded to it.

Please see attached Bid Analysis Report for more detailed information. In summary, the Bids were checked for accuracy and were reviewed for the following:

- a) Items were broken down into two categories: Major and Minor Items. Major Items are defined as the minimum number of items totaling 60% of the contract value not including Estimated Cost Items. Minor Items are the remaining items that make up the remainder of the contract value.
- b) The low bidder's schedule of values was compared to the values in the Engineer's Estimate to determine variance from the Engineer's Estimate. Any items that varied significantly from the Engineer's Estimate as well as the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> low bids were identified. No errors in the estimated quantities were identified that would underestimate the work required and achieve an artificially low bid in evaluation but ultimately higher price during performance.
- c) The apparent low bid was analyzed for "front loading" which could be considered unbalancing a bid. In a "front load" bid, the Contractor would, in effect, receive advance payment for later contract work. No evidence of front loading was apparent for the low bid.

In conclusion, based upon the review of information provided, WSP recommends that the Town of East Hartford award Empire Paving, Inc. the construction work for the Reconstruction of Brewer Street. If you should have any questions or require additional information, please do not hesitate to call.

Very truly yours,

WSP USA

A handwritten signature in blue ink, appearing to read "Steven D. George".

Steven D. George, P.E.  
Project Manager

Enclosures



Reconstruction of Brewer Street  
East Hartford, Connecticut  
Bid No. 22-07  
Project No. 42-318/Federal Aid ID: 1042(130)  
Project No. L042-0001  
**Bidding Phase Services - Statement of Correctness**

The following is the list of bidders including bid amounts for the Brewer Street Reconstruction Project. The bid amounts have been checked for accuracy and are as written on the bottom of the Bid Forms\* and as read aloud at the bid opening on March 16, 2022.

<u>BIDDER</u>	<u>BID AMOUNT</u>
Empire Paving, Inc.	\$7,735,889.65
C.J. Fucci, Inc.	\$7,944,980.53*
Coastline Construction Corporation	\$8,127,000.00
Tilcon CT, Inc.	\$9,257,157.55

**\* Note:** On the bid sheet for C.J. Fucci, Inc., it was found that the incorrect extended amount was entered for “Item #0950019A - Turf Establishment - Lawn”, “Item #1209114 - Hot-Applied Painted Pavement Markings 4” Yellow”, “Item #1209124 - Hot-Applied Painted Pavement Markings 4” White”, “Item #1210101 - 4” White Epoxy Resin Pavement Markings”, “Item #1210102 - 4” Yellow Epoxy Resin Pavement Markings”, “Item #1210105 - Epoxy Resin Pavement Markings, Symbols and Legends”, “Item #1211001 - Removal of Pavement Markings”, “Item #1212001 - Temporary Plastic Pavement Marking Tape - 4” Yellow”, and “Item #1212002 - Temporary Plastic Pavement Marking Tape - 4” White”. Based on the updated extended amount, C.J. Fucci’s bid would be increased by \$833.47 resulting in a total bid price of **\$7,945,814.00**. This correction will not change the apparent low bidder.

All other individual bid item amounts as shown on the Bid Form are correct. The final Bid Amount is as shown above.

Reviewed By:

Steven D. George, P.E.

Date:

3/22/22

**Introduction**

Bids for the Reconstruction of Brewer Street Project were opened March 16, 2022, with there being four bidders. The apparent low bid, submitted by Empire Paving, Inc., is \$7,735,889.65. This is 13.58% above the Engineer’s Estimate of approximately \$6,811,213.83. The second bid, submitted by C. J. Fucci, Inc., is \$7,945,814.00. This is 16.66% above the Engineer’s Estimate. The third bid, submitted by Coastline Construction Corporation, is \$8,127,000.00. This is 19.32% above the Engineer’s Estimate. The fourth bid, submitted by Tilcon CT, Inc., is \$9,257,157.55. This is 35.91% above the Engineer’s Estimate.

The following issues/items are presented for the Town of East Hartford’s consideration:

- In general, the unit prices appear reasonable; however, noted variances between the bid and the Engineer’s Estimate have been identified for further evaluation.
- There are a few items of concern where the low bidder may be asked to explain their bid price.
- The current economic climate has reasonable impact on the item prices due to the COVID-19 Pandemic impacts on material supply chains, as well as current inflation and fuel prices

**Bid Analysis**

The methodology utilized in the Bid Analysis is as follows:

1. The low bidder’s schedule of values was compared to the values in the Engineer’s Estimate to determine variance from the Engineer’s Estimate. Dollar or penny bid items were identified along with any items that varied significantly from the Engineer’s Estimate as well as the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> low bids.

The following items of concern were identified:

Item No.	Description	Unit	Engineer’s Unit Price	Bid Unit Price	% Difference
0101130A	Environmental Work - Solidification	TON	\$150	\$400	166.67%
0201001A	Clearing and Grubbing	LS	\$136,152.05	\$290,000.00	113%
0202100	Rock Excavation	CY	\$75	\$150	100%
0204001	Cofferdam and Dewatering	LF	\$323.63	\$850	162.65%
0216012A	Controlled Low Strength Material	CY	\$250	720	188%
0406236	Material for Tack Coat	GAL	\$8	\$15	87.50%
0511201	1 ½” Polyvinyl Chloride Plastic Pipe (Bridge)	LF	\$51.65	\$600	1061.67%
0601121	Parapet Concrete	LF	\$501.65	\$2110	320.61%
0601652A	Retaining Wall (Site No. 2)	LS	\$3,400	\$7,500	120.59%
0601502	1/2” Preformed Expansion Joint Filler For Bridges	SF	\$14.02	\$30	113.98%
0707200A	Geogrid	SY	\$5.40	\$10	85.19%
0815001	Bituminous Concrete Lip Curbing	LF	\$10	\$32	220%
0904305A	Metal Bridge Rail – Four Rail	LF	\$250	\$1,384	453.60%
0910035A	Thrie Beam Bridge Attachment – (Painted Black)	EA	\$5,000	\$14,981	199.62%
0911920A	R-B End Anchorage – Type I – (Painted Black)	EA	\$1,900	\$4,218	122%
0911926A	R-B End Anchorage – Type II – (Painted Black)	EA	\$1,500	\$4,171	178.07%
0913001	4’ Chain Link Fence	LF	\$25	\$50.80	103.20%
0913020	3’ Chain Link Gate 7’ High	EA	\$1,000	\$4,230	323%
0913029	3’ Chain Link Gate 3’ High	EA	\$500	\$1,820	264%
0913030	3’ Chain Link Fence	LF	\$23	\$65.40	184.35%
0913031	7’ Chain Link Fence	LF	\$40	\$181.25	353.13%
0913835A	Remove and Reset Chain Link Fence	LF	\$20	\$58.25	191.25%
0913968A	Protective Fence (8’-00” High)	LF	\$180	\$576.75	220.42%

**Reconstruction of Brewer Street  
East Hartford, Connecticut**

**Bid Analysis  
March 2022**

Bid No. 22-07

0943001	Water for Dust Control	M GAL	\$2	\$0.01	-99.50%
0950036	Erosion Control Matting Type E	SY	\$5	\$15	200.00%
0980020	Construction Surveying	LS	\$102,114.04	\$200,000	95.86%
0981101A	Opposing Traffic Lane Divider	EA	\$100	\$200	100%
1008015	2" Rigid Metal Conduit – Surface	LF	\$24	\$51	112.50%
1008115	2" Rigid Metal Conduit in Trench	LF	\$12.40	\$34.10	175%
1008215	2" Rigid Metal Conduit Under Roadway	LF	\$16	\$37.10	131.88%
1008217	3" Rigid Metal Conduit Under Roadway	LF	\$36.20	\$77.25	113.40%
1008907A	Clean Existing Conduit	HR	\$128	\$325	153.91%
1015034A	Grounding and Bonding	LS	\$500	\$2,550	410%
1111201A	Temporary Detection (Site No. 1)	LS	\$5,000	\$12,300	146%
1208931A	Sign Face-Sheet Aluminum (Type IX Retroreflective Sheeting)	SF	\$40	\$78	95%
1220027	Construction Signs	SF	\$21	\$2	-90.48%
1301082A	8" Ductile Iron Pipe (Water Main)	LF	\$130	\$292	124.62%

As shown above, thirty-seven items of concern were identified. The combined low bid value of these items is \$1,330,488.40. This is 135.42 percent more than the value of this work in the Engineer's Estimate (\$565,148.94). This work is valued at \$1,050,980 in the 2<sup>nd</sup> low bid, \$1,183,948.20 in the 3<sup>rd</sup> low bid and \$1,181,013.25 in the 4<sup>th</sup> low bid.

*The list above was reviewed and determined reasonable considering the following:*

- *Bid pricing for many items tends to vary significantly from project to project and bidder to bidder and is closely tied to the Contractor's assumed 'Means and Methods'.*
- *There are multiple lump sum items which are of less concern since the cost will only incur once.*
- *Cofferdam and Dewatering was significantly higher than the Engineer's Estimate, however, the unit price for this item was still much less than the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders.*
- *The bid prices for Water for Dust Control were \$0.01/MGAL and \$2/SF, respectively. The contractor may be asked to explain their bid price for these items.*
- *Multiple items above have very low quantities (i.e., Environmental Work - Solidification, Rock Excavation, Controlled Low Strength Material, 1 ½" Polyvinyl Chloride Plastic Pipe (Bridge), ½" Preformed Expansion Joint Filler for Bridges, Thrie Beam Bridge Attachment - (Painted Black), R-B End Anchorage - Type I - (Painted Black), R-B End Anchorage - Type II - (Painted Black), 3' Chain Link Gate 7' High, 3' Chain Link Gate 3' High, Clean Existing Conduit, etc.).*

2. Items were broken down into two categories: Major and Minor Items. Major Items are defined as the minimum number of items totaling 60% of the contract value not including Estimated Cost Items. Minor Items are the remaining items that make up the remainder of the contract value.

The analysis (see the attached spreadsheet) identified the Major Items as follows:

Item No.	Description	Unit	Engineer's Unit Price	Bid Unit Price	% Difference
0975003	Mobilization and Project Closeout	L.S.	\$510,570.19	\$750,000	46.89%
0204001	Cofferdam and Dewatering	L.F.	\$323.63	\$850	162.65%
0406171	HMA S0.5	TON	\$123	\$100	-18.70%
0406170	HMA S1	TON	\$120	\$99.50	-17.08%
0201001A	Clearing and Grubbing	L.S.	\$136,152.05	\$290,000	113%
0813012	5" X 18" Granite Stone Curbing	L.F.	\$35	\$53	51.43%
0212000	Subbase	C.Y.	\$41	\$55	34.15%
0207150A	Lightweight Fill	C.Y.	\$108	\$102	-5.56%

**Reconstruction of Brewer Street  
East Hartford, Connecticut**

**Bid Analysis  
March 2022**

Bid No. 22-07

0601064	Abutment and Wall Concrete	C.Y.	\$1,056	\$680	-35.61%
0202000	Earth Excavation	C.Y.	\$20	\$24.50	22.50%
0921001A	Concrete Sidewalk	S.F.	\$12	\$14.25	18.75%
0980020	Construction Surveying	L.S.	\$102,114.04	\$200,000	95.86%
0971001A	Maintenance and Protection of Traffic	L.S.	\$272,304.10	\$160,000	-41.24%
0602030	Deformed Steel Bars – Galvanized	LB.	\$2.95	\$2.90	-1.69%
0970007	Trafficperson (Uniformed Flagger)	HR.	\$55	\$59	7.27%
0601062	Footing Concrete	C.Y.	\$625.17	\$500	-20.02%
0586002.1	Type “C” Catch Basin (4’ Sump) – 0’ – 10’ Deep	EA.	\$3,700	\$4,950	33.78%
0969062A	Construction Field Office, Medium	MO.	\$3,100	\$4,500	45.16%

As shown above highlighted in yellow, twelve Major Items deviated from the Engineer’s Estimate by 20% or more.

- Mobilization and Project Closeout: At \$750,000 (\$750,000/LS), the amount bid for this item is 46.89 percent higher than the Engineer’s Estimate (\$510,570.19). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$600,000, \$300,000, and \$935,250, respectively for this item.

*Although the bid price for this item is higher than the Engineer’s Estimate and the 2<sup>nd</sup> and 3<sup>rd</sup> bidders, it is less than the price for this item submitted by the 4<sup>th</sup> bidder. The cost for this item can vary based on the contractor’s approach to mobilizing. Therefore, the price provided is reasonable.*

- Cofferdam and Dewatering: At \$395,250 (\$850/LF), the amount bid for this item is 162.65 percent higher than the Engineer’s Estimate (\$150,487.95). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$558,000, \$674,250, and \$627,750, respectively for this item.

*Although the bid price for this item is higher than the Engineer’s Estimate, it is much less than the price for this item submitted by the other three bidders. This price may be dependent on supply chains which likely have been impacted by the COVID 19 impacts on the economy. Therefore, the price provided is reasonable.*

- Clearing and Grubbing: At \$290,000 (\$290,000/LS), the amount bid for this item is 113.00 percent higher than the Engineer’s Estimate (\$136,152.05). In comparison, the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidder included \$80,000, \$99,340.20, and \$35,650, respectively for this item.

*The bid price for this item is higher than the Engineer’s Estimate and the other three bidders. The 2<sup>nd</sup> and 3<sup>rd</sup> bidders lump sum price is more in line with the Engineer’s Estimate. However, the Contractor’s assumed ‘Means and Methods’ may relate to the higher lump sum price.*

- 5” X 18” Granite Stone Curbing: At \$286,200 (\$53/LF), the amount bid for this item is 51.43 percent higher than the Engineer’s Estimate (\$189,000). In comparison, the 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidder included \$280,800, \$253,800, and \$232,200, respectively for this item.

*Although the bid price for this item is higher than the Engineer’s Estimate, it is in line with the price submitted by the 2<sup>nd</sup> bidder and close with the 3<sup>rd</sup> bidder. Therefore, the price provided is reasonable.*

- Subbase: At \$274,450 (\$55/CY), the amount bid for this item is 34.15 percent higher than the Engineer’s Estimate (\$204,590). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$209,580, \$249,500, and \$341,815, respectively for this item.

*Although the bid price for this item is higher than the Engineer’s Estimate, it falls within the prices submitted by the 3<sup>rd</sup> and 4<sup>th</sup> bidders. Therefore, the price provided is reasonable.*

- Abutment and Wall Concrete: At \$246,160 (\$680/CY), the amount bid for this item is 35.61 percent lower than the Engineer’s Estimate (\$382,272). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$253,400, \$276,930, and \$262,812, respectively for this item.

*The bid price for this item is lower than the Engineer’s Estimate, however, the price is in line with the prices of the other three bidders. Therefore, the price provided is reasonable.*

- Earth Excavation: At \$231,035 (\$24.50/CY), the amount bid for this item is 22.50 percent higher than the Engineer's Estimate (\$188,600). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$264,040, \$424,350, and \$240,465, respectively for this item.

*Although the bid price for this item is higher than the Engineer's Estimate, it is in line with the 2<sup>nd</sup> and 4<sup>th</sup> bidders and lower than the 3<sup>rd</sup> bidder. Therefore, the price provided is reasonable.*

- Construction Surveying: At \$200,000 (\$200,000/LS), the amount bid for this item is 95.86 percent higher than the Engineer's Estimate (\$102,114.04). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$120,000, \$92,000, and \$227,450, respectively for this item.

*Although the bid price for this item is higher than the Engineer's Estimate and the 2<sup>nd</sup> and 3<sup>rd</sup> bidders, it is less than the price for this item submitted by the 4<sup>th</sup> bidder. The cost for this item can vary based on the contractor's approach to construction surveying. Therefore, the price provided is reasonable.*

- Maintenance and Protection of Traffic: At \$160,000 (\$160,000/LS), the amount bid for this item is 41.24 percent lower than the Engineer's Estimate (\$272,304.10). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$400,000, \$72,000, and \$710,350, respectively for this item.

*Although the bid price for this item is lower than the Engineer's Estimate and the 2<sup>nd</sup> and 4<sup>th</sup> bidders, it is higher than the price for this item submitted by the 3<sup>rd</sup> bidder. The cost for this item can vary based on the contractor's approach to maintenance and protection of traffic. Therefore, the price provided is reasonable.*

- Footing Concrete: At \$127,500 (\$500/CY), the amount bid for this item is 20.02 percent lower than the Engineer's Estimate (\$159,418.35). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$146,625, \$87,975, and \$83,640, respectively for this item.

*The bid price for this item is lower than the Engineer's Estimate, however, the price is in line with the price of the 2<sup>nd</sup> bidder. Therefore, the price provided is reasonable.*

- Type "C" Catch Basin (4' Sump) – 0' – 10' Deep: At \$108,900 (\$4,950/EA), the amount bid for this item is 33.78 percent higher than the Engineer's Estimate (\$81,400). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$96,800, \$143,000, and \$130,900, respectively for this item.

*Although the bid price for this item is higher than the Engineer's Estimate, it is in line with the price submitted by the 2<sup>nd</sup> bidder, but lower than the price of the 3<sup>rd</sup> and 4<sup>th</sup> bidders. Therefore, the price provided is reasonable.*

- Construction Field Office, Medium: At \$108,000 (\$4,500/MO), the amount bid for this item is 45.16 percent higher than the Engineer's Estimate (\$74,400). The 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> bidders included \$120,000, \$72,000, and \$147,600, respectively for this item.

*Although the bid price for this item is higher than the Engineer's Estimate and the 3<sup>rd</sup> bidder, it is in line with the price submitted by the 2<sup>nd</sup> bidder, but lower than the 4<sup>th</sup> bidder. Therefore, the price provided is reasonable.*

RECONSTRUCTION OF BREWER STREET  
EAST HARTFORD, CONNECTICUT  
PROJECT NO. 42-318 & L042-0001

BID ANALYSIS (BID OPENING MARCH 16, 2022)

March 2022

ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
0020763A	DISPOSAL OF SEDIMENTS	TON	10	0	10	\$95.00	\$950.00
0020903A	LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	LS	0.7	0.3	1	\$10,000.00	\$10,000.00
0101000A	ENVIRONMENTAL HEALTH AND SAFETY	LS	0.7	0.3	1	\$24,500.00	\$24,500.00
0101117A	CONTROLLED MATERIALS HANDLING	CY	1,670	740	2,410	\$29.00	\$69,890.00
0101128A	SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	LS	0.7	0.3	1	\$70,000.00	\$70,000.00
0101130A	ENVIRONMENTAL WORK - SOLIDIFICATION	TON	4	0	4	\$150.00	\$600.00
021001A	CLEARING AND GRUBBING	LS	0.8	0.2	1	\$136,152.05	\$136,152.05
021451A	TEMPORARY PROTECTIVE FENCE	LF	820	130	950	\$20.00	\$19,000.00
020200	EARTH EXCAVATION	CY	5,880	3,550	9,430	\$20.00	\$188,600.00
0202100	ROCK EXCAVATION	CY	12	0	12	\$75.00	\$900.00
0202216A	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	CY	100	0	100	\$7.24	\$724.00
0202217A	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	EST	1	0	1	\$ 2,000.00	\$2,000.00
0202315A	DISPOSAL OF CONTROLLED MATERIALS	TON	700	300	1,000	\$65.00	\$65,000.00
0202513	REMOVAL OF CONCRETE SIDEWALK	SY	990	550	1,540	\$12.00	\$18,480.00
0202529	CUT BITUMINOUS CONCRETE PAVEMENT	LF	1,190	370	1,560	\$4.00	\$6,240.00
0203202	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	CY	1,300	0	1,300	\$31.50	\$40,950.00
0204001	COFFERDAM AND DEWATERING	LF	465	0	465	\$323.63	\$150,487.95
0204151A	HANDLING WATER	LS	1	0	1	\$20,000.00	\$20,000.00
0204213A	HANDLING CONTAMINATED GROUNDWATER	LS	0.7	0.3	1	\$50,000.00	\$50,000.00
0207150A	LIGHTWEIGHT FILL	CY	2,595	0	2,595	\$108.00	\$280,260.00
0209001	FORMATION OF SUBGRADE	SY	9,800	5,100	14,900	\$4.00	\$59,600.00
0212000	SUBBASE	CY	3,215	1,775	4,990	\$41.00	\$204,590.00
0213100	GRANULAR FILL	CY	157	0	157	\$68.00	\$10,676.00
0216012A	CONTROLLED LOW STRENGTH MATERIAL	CY	5	0	5	\$250.00	\$1,250.00
0219001	SEDIMENTATION CONTROL SYSTEM	LF	860	450	1,310	\$4.00	\$5,240.00
0219011A	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	EA	36	17	53	\$140.00	\$7,420.00
0286001.1	ROCK IN DRAINAGE TRENCH EXCAVATION 0'-10' DEEP	CY	110	50	160	\$116.00	\$18,560.00
0304002	PROCESSED AGGREGATE BASE	CY	870	450	1,320	\$42.00	\$55,440.00
0406170	HMA S1	TON	1,960	1,090	3,050	\$120.00	\$366,000.00
0406171	HMA S0.5	TON	2,100	1,090	3,190	\$123.00	\$392,370.00
0406173	HMA S0.25	TON	15	0	15	\$237.20	\$3,558.00
0406236	MATERIAL FOR TACK COAT	GAL	865	450	1,315	\$8.00	\$10,520.00
0406999A	ASPHALT ADJUSTMENT COST	EST	0.6	0.4	1	\$10,000.00	\$10,000.00
0503001A	REMOVAL OF SUPERSTRUCTURE	LS	1	0	1	\$62,710.00	\$62,710.00
0508051	SHEAR CONNECTORS (SITE NO. 1)	EA	795	0	795	\$ 5.00	\$3,975.00
0511201	1 1/2" POLYVINYL CHLORIDE PLASTIC PIPE (BRIDGE)	LF	10	0	10	\$51.65	\$516.50
0521021A	STEEL-LAMINATED ELASTOMERIC BEARINGS	CI	1,225	0	1,225	\$7.84	\$9,604.00
0586086	ABANDON DRAINAGE STRUCTURE	EA	1	0	1	\$675.00	\$675.00
0586850.1A	HYDRODYNAMIC SEPARATOR (SITE NO. 1)	EA	1	0	1	\$20,000.00	\$20,000.00
0586850.2A	HYDRODYNAMIC SEPARATOR (SITE NO. 2)	EA	1	0	1	\$20,000.00	\$20,000.00
0586002.1	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 10' DEEP	EA	13	9	22	\$3,700.00	\$81,400.00
0586002.2	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 2' DEEP	EA	3	0	3	\$4,800.00	\$14,400.00
0586006.1	TYPE "C" CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0' - 10' DEEP	EA	1	0	1	\$5,400.00	\$5,400.00
0586041.1	TYPE "C-L" CATCH BASIN (4' SUMP) - 0' - 10' DEEP	EA	3	0	3	\$3,600.00	\$10,800.00
0586500.1	MANHOLE - 0'-10' DEEP	EA	11	1	12	\$4,700.00	\$56,400.00
0586790.1	REMOVE DRAINAGE STRUCTURE - 0' - 10' DEEP	EA	15	3	18	\$1,000.00	\$18,000.00
0601020A	STAMPED CONCRETE	SF	550	0	550	\$31.00	\$17,050.00
0601062	FOOTING CONCRETE	CY	255	0	255	\$62.17	\$15,918.35
0601064	ABUTMENT AND WALL CONCRETE	CY	362	0	362	\$1,056.00	\$382,272.00
0601091A	SIMULATED STONE MASONRY	SY	70	0	70	\$280.00	\$19,600.00
0601118	BRIDGE DECK CONCRETE	CY	50	0	50	\$1,532.68	\$76,634.00
0601121	PARAPET CONCRETE	LF	22	0	22	\$501.65	\$11,036.30
0601122	BRIDGE SIDEWALK CONCRETE	CY	25	0	25	\$1,105.81	\$27,645.25
0601123	APPROACH SLAB CONCRETE	CY	45	0	45	\$619.08	\$27,858.60
0601651A	RETAINING WALL (SITE NO. 1)	LS	1	0	1	\$8,700.00	\$8,700.00
0601652A	RETAINING WALL (SITE NO. 2)	LS	1	0	1	\$3,400.00	\$3,400.00
0601602	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	SF	5	0	5	\$14.02	\$70.10
0601640	1" CLOSED CELL ELASTOMER	CI	58,870	0	58,870	\$0.17	\$10,077.90
0602030	DEFORMED STEEL BARS - GALVANIZED	LB	47,238	0	47,238	\$2.95	\$139,352.10
0603061A	STRUCTURAL STEEL (SITE NO. 1)	LS	1	0	1	\$79,000.00	\$79,000.00
0689000.12	12" RC PIPE - 0' - 10' DEEP	LF	107	0	107	\$85.00	\$9,095.00
0689000.15	15" RC PIPE - 0' - 10' DEEP	LF	18	628	646	\$70.00	\$45,220.00
0689000.18	18" RC PIPE - 0' - 10' DEEP	LF	758	469	1,227	\$80.00	\$98,160.00
0689000.24	24" RC PIPE - 0' - 10' DEEP	LF	896	0	896	\$120.00	\$107,520.00
0689002.12	12" RC PIPE (CLASS V) - 0' - 10' DEEP	LF	354	104	458	\$70.00	\$32,060.00
0689002.15	15" RC PIPE (CLASS V) - 0' - 10' DEEP	LF	240	0	240	\$103.00	\$24,720.00
0689230.18	18" HIGH DENSITY POLYETHYLENE PIPE - 0' - 10' DEEP	LF	106	0	106	\$100.00	\$10,600.00
0689710.08A	8" DUCTILE IRON PIPE - 0' - 10' DEEP	LF	120	0	120	\$130.00	\$15,600.00
068950.1	REMOVE EXISTING PIPE - 0' - 10' DEEP	LF	900	71	971	\$36.00	\$34,956.00
0703011	INTERMEDIATE RIPRAP	CY	160	0	160	\$91.39	\$14,622.40
0703012	MODIFIED RIPRAP	CY	14	0	14	\$80.00	\$1,120.00
0707009A	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	SY	295	0	295	\$100.24	\$29,570.80
0707200A	GEOGRID	SY	360	0	360	\$5.40	\$1,944.00
0708001	DAMP PROOFING	SY	385	0	385	\$15.08	\$5,805.80
0728014A	3/4" CRUSHED STONE	CY	70	0	70	\$90.00	\$6,300.00
0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	SY	855	0	855	\$4.30	\$3,676.50
0811105	CONCRETE CURBING CAST IN PLACE	LF	0	60	60	\$100.00	\$6,000.00
0813012	5" X 18" GRANITE STONE CURBING	LF	3,500	1,900	5,400	\$35.00	\$189,000.00
0813013	5" X 18" GRANITE CURVED STONE CURBING	LF	500	240	740	\$50.00	\$37,000.00
0815001	BITUMINOUS CONCRETE LIP CURBING	LF	120	40	160	\$10.00	\$1,600.00
0819002A	PENETRATING SEALER PROTECTIVE COMPOUND	SY	322	0	322	\$20.35	\$6,552.70
0822001	TEMPORARY PRECAST CONCRETE BARRIER CURB	LF	120	0	120	\$33.00	\$3,960.00
0822002	RELOCATED TEMPORARY PRECAST CONCRETE BARRIER CURB	LF	80	0	80	\$9.00	\$720.00
0901003A	STEEL BOLLARD	EA	8	0	8	\$1,000.00	\$8,000.00
0904305A	METAL BRIDGE RAIL - FOUR RAIL	LF	50	0	50	\$250.00	\$12,500.00
0910035A	THREE BEAM BRIDGE ATTACHMENT - (PAINTED BLACK)	EA	4	0	4	\$5,000.00	\$20,000.00
0910307A	METAL BEAM RAIL (R-B MASH) - (PAINTED BLACK)	LF	135	0	135	\$50.00	\$6,750.00
0911920A	R-B END ANCHORAGE - TYPE I - (PAINTED BLACK)	EA	3	0	3	\$1,900.00	\$5,700.00
0911926A	R-B END ANCHORAGE - TYPE II - (PAINTED BLACK)	EA	1	0	1	\$1,500.00	\$1,500.00
0913000	REMOVE CHAIN LINK FENCE	LF	1,455	150	1,605	\$6.00	\$9,630.00
0913001	4" CHAIN LINK FENCE	LF	250	0	250	\$25.00	\$6,250.00
0913020	3" CHAIN LINK GATE 7' HIGH	EA	1	0	1	\$1,000.00	\$1,000.00
0913029	3" CHAIN LINK GATE 3' HIGH	EA	1	0	1	\$500.00	\$500.00
0913030	3" CHAIN LINK FENCE	LF	120	0	120	\$23.00	\$2,760.00
0913031	7" CHAIN LINK FENCE	LF	60	0	60	\$40.00	\$2,400.00
0913043A	8" POLYVINYL CHLORIDE CHAIN LINK FENCE	LF	820	130	950	\$90.00	\$85,500.00
0913835A	REMOVE AND RESET CHAIN LINK FENCE	LF	250	20	270	\$20.00	\$5,400.00
0913842A	DOUBLE SWING GATE	EA	1	0	1	\$12,000.00	\$12,000.00
0913968A	PROTECTIVE FENCE (8'-00" HIGH)	LF	70	0	70	\$180.00	\$12,600.00
0921001A	CONCRETE SIDEWALK	SF	9,980	5,130	15,110	\$12.00	\$181,320.00

LOW BID EMPIRE PAVING, INC.						
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST	
10	0	10	\$150.00	\$1,500.00	57.89%	
0.7	0.3	1	\$10,000.00	\$10,000.00	0.00%	
0.7	0.3	1	\$12,000.00	\$12,000.00	(51.02%)	
1,670	740	2,410	\$12.00	\$28,920.00	(58.62%)	
0.7	0.3	1	\$65,000.00	\$65,000.00	(7.14%)	
4	0	4	\$400.00	\$1,600.00	166.67%	
0.8	0.2	1	\$290,000.00	\$290,000.00	113.00%	
820	130	950	\$16.00	\$15,200.00	(20.00%)	
5,880	3,550	9,430	\$24.50	\$231,035.00	22.50%	
12	0	12	\$150.00	\$1,800.00	100.00%	
100	0	100	\$100.00	\$10,000.00	34.68%	
1	0	1	\$ 2,000.00	\$2,000.00	0.00%	
700	300	1,000	\$48.50	\$48,500.00	(25.38%)	
990	550	1,540	\$8.00	\$12,320.00	(33.33%)	
1,190	370	1,560	\$1.65	\$2,574.00	(58.75%)	
1,300	0	1,300	\$31.25	\$40,625.00	(0.79%)	
465	0	465	\$850.00	\$395,250.00	162.65%	
1	0	1	\$30,000.00	\$30,000.00	50.00%	
0.7	0.3	1	\$45,000.00	\$45,000.00	(10.00%)	
2,595	0	2,595	\$102.00	\$264,890.00	(5.96%)	
9,800	5,100	14,900	\$1.69	\$25,081.00	(60.00%)	
3,215	1,775	4,990	\$55.00	\$274,450.00	34.15%	
157	0	157	\$84.00	\$13,188.00	23.53%	
5	0	5	\$720.00	\$3,600.00	188.00%	
860	450	1,310	\$5.50	\$7,205.00	37.50%	
36	17	53	\$175.00	\$9,275.00	25.00%	
110	50	160	\$150.00	\$24,000.00	29.31%	
870	450	1,320	\$50.00	\$66,000.00	30.95%	
1,960	1,090	3,050	\$99.50	\$303,475.00	(17.08%)	
2,100	1,090	3,190	\$110.00	\$350,890.00	(18.70%)	
15	0	15	\$300.00	\$4,500.00	26.48%	
865	450					



RECONSTRUCTION OF BREWER STREET  
EAST HARTFORD, CONNECTICUT  
PROJECT NO. 42-318 & L042-0001

BID ANALYSIS (BID OPENING MARCH 16, 2022)

March 2022

ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
0921005A	CONCRETE SIDEWALK RAMP	SF	1,630	800	2,430	\$15.00	\$36,450.00
0921039	DETECTABLE WARNING STRIP	EA	19	11	30	\$200.00	\$6,000.00
0922001	BITUMINOUS CONCRETE SIDEWALK	SY	4	3	7	\$75.00	\$525.00
0922500A	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	SY	160	100	260	\$50.00	\$13,000.00
0922501A	BITUMINOUS CONCRETE DRIVEWAY	SY	730	130	860	\$40.00	\$34,400.00
0924006A	CONCRETE DRIVEWAY RAMP	SF	430	400	830	\$18.00	\$14,940.00
0943001	WATER FOR DUST CONTROL	M GAL	2,160	1,130	3,290	\$2.00	\$6,580.00
0944000	FURNISHING AND PLACING TOPSOIL	SY	3,250	1,150	4,400	\$8.00	\$35,200.00
0949000	WOOD CHIP MULCH	SY	100	0	100	\$12.00	\$1,200.00
0949010	CLETHRRA ALNFOLIA SWEET PEPPERBUSH 3'-4' HT. B.B.	EA	14	0	14	\$64.00	\$896.00
0949020	CORNUS AMOMUM SILKY DOGWOOD 3'-4' HT. B.B.	EA	16	0	16	\$65.00	\$1,040.00
0949060	SAMBUCUS NIGRA SSP CANADENSIS BLACK ELDERBERRY 3'-4' HT. B.B.	EA	7	0	7	\$65.00	\$455.00
0949089	ALNUS INCANA SPECKLED ALDER 3'-4' HT. B.B.	EA	12	0	12	\$65.00	\$780.00
0949309	QUERCUS RUBRA NORTHERN RED OAK 3 1/2" - 4" CAL. B.B.	EA	2	0	2	\$1,000.00	\$2,000.00
0949849	ACER SACCHARUM SUGAR MAPLE 3 1/2" - 4" CAL. B.B.	EA	2	0	2	\$1,000.00	\$2,000.00
0949858	SALIX NIGRA BLACK WILLOW 3 1/2" - 4" CAL. B.B.	EA	4	0	4	\$1,000.00	\$4,000.00
0949888	QUERCUS PALustris PIN OAK 3 1/2" - 4" CAL. B.B.	EA	5	0	5	\$1,000.00	\$5,000.00
0950019A	TURF ESTABLISHMENT - LAWN	SY	2,820	1,150	3,970	\$3.00	\$11,910.00
0950036	EROSION CONTROL MATTING TYPE E	SY	50	0	50	\$15.00	\$750.00
0950040A	CONSERVATION SEEDING FOR SLOPES	SY	350	0	350	\$2.00	\$700.00
0950043A	WETLAND GRASS ESTABLISHMENT	SF	950	0	950	\$0.50	\$475.00
0952051A	CONTROL AND REMOVAL OF INVASIVE VEGETATION	SY	550	0	550	\$6.00	\$3,300.00
096002A	CONSTRUCTION FIELD OFFICE, MEDIUM	MO	18	6	24	\$3,100.00	\$74,400.00
0970006	TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	EST	0.7	0.3	1	\$163,800.00	\$163,800.00
0970007	TRAFFICPERSON (UNIFORMED FLAGGER)	HR	1,560	624	2,184	\$55.00	\$120,120.00
0971001A	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	0.8	0.2	1	\$272,304.10	\$272,304.10
0974001	REMOVAL OF EXISTING MASONRY	CY	125	0	125	\$244.60	\$30,575.00
0975003	MOBILIZATION AND PROJECT CLOSEOUT	LS	0.8	0.2	1	\$510,570.19	\$510,570.19
0976002	BARRICADE WARNINGS LIGHTS - HIGH INTENSITY	DAY	1,650	1,100	2,750	\$1.00	\$2,750.00
0978002	TRAFFIC DRUM	EA	40	25	65	\$85.00	\$5,525.00
0979003	CONSTRUCTION BARRICADE TYPE III	EA	20	10	30	\$133.00	\$3,990.00
0979004A	CONSTRUCTION BARRICADE DETECTABLE	EA	4	2	6	\$150.00	\$900.00
0980020	CONSTRUCTION SURVEYING	LS	0.8	0.2	1	\$102,114.04	\$102,114.04
0981100	42" TRAFFIC CONE	EA	40	25	65	\$40.00	\$2,600.00
0981101A	OPPOSING TRAFFIC LANE DIVIDER	EA	20	10	30	\$100.00	\$3,000.00
0992093A	RESET BRICK PAVING	SF	50	0	50	\$20.00	\$1,000.00
1001001	TRENCHING AND BACKFILLING	LF	70	0	70	\$28.80	\$2,016.00
1002015	ROCK IN FOUNDATION EXCAVATION	VF	10	0	10	\$700.00	\$7,000.00
1002202A	TRAFFIC CONTROL FOUNDATION - MAST ARM	EA	6	0	6	\$15,000.00	\$90,000.00
1002203	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE I	EA	4	0	4	\$1,000.00	\$4,000.00
1002208	TRAFFIC CONTROL FOUNDATION - CONTROLLER - TYPE IV	EA	1	0	1	\$2,300.00	\$2,300.00
1008015	2" RIGID METAL CONDUIT - SURFACE	LF	30	0	30	\$24.00	\$720.00
1008115	2" RIGID METAL CONDUIT IN TRENCH	LF	60	0	60	\$12.40	\$744.00
1008215	2" RIGID METAL CONDUIT UNDER ROADWAY	LF	680	0	680	\$16.00	\$10,880.00
1008217	3" RIGID METAL CONDUIT UNDER ROADWAY	LF	10	0	10	\$36.20	\$362.00
1008907A	CLEAN EXISTING CONDUIT	HR	4	0	4	\$128.00	\$512.00
1010011	CONCRETE HANDHOLE - TYPE I	EA	7	0	7	\$900.00	\$6,300.00
1010080A	CLEAN EXISTING CONCRETE HANDHOLE	EA	2	0	2	\$350.00	\$700.00
1015034A	GROUNDING AND BONDING	LS	1	0	1	\$500.00	\$500.00
1102002	8" ALUMINUM PEDESTAL	LS	3	0	3	\$650.00	\$1,950.00
1104026A	25" STEEL MAST ARM ASSEMBLY	EA	3	0	3	\$13,000.00	\$39,000.00
1104028A	30" STEEL MAST ARM ASSEMBLY	EA	1	0	1	\$15,000.00	\$15,000.00
1104033A	40" STEEL MAST ARM ASSEMBLY	EA	2	0	2	\$16,000.00	\$32,000.00
1105103A	1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	EA	12	0	12	\$1,290.00	\$15,480.00
1105180A	1 WAY, 1 SECTION BI-COLORED ARROW	EA	1	0	1	\$600.00	\$600.00
1106001A	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	EA	3	0	3	\$700.00	\$2,100.00
1106003A	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	EA	3	0	3	\$750.00	\$2,250.00
1107011A	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	EA	6	0	6	\$1,000.00	\$6,000.00
1108117A	FULL ACTUATED CONTROLLER W/ACTUATED PEDESTRIAN PHASE (16 PHASE)	EA	1	0	1	\$15,000.00	\$15,000.00
1108163A	MODIFY EXISTING CONTROLLER	EA	1	0	1	\$3,000.00	\$3,000.00
1108724A	PHASE SELECTOR	EA	1	0	1	\$4,000.00	\$4,000.00
1111201A	TEMPORARY DETECTION (SITE NO. 1)	LS	1	0	1	\$5,000.00	\$5,000.00
1111202A	TEMPORARY DETECTION (SITE NO. 2)	LS	1	0	1	\$4,800.00	\$4,800.00
1111401A	LOOP VEHICLE DETECTOR	EA	1	0	1	\$475.20	\$475.20
1111451A	LOOP DETECTOR SAWCUT	LF	170	0	170	\$15.80	\$2,686.00
1112284A	VEHICLE DETECTION MONITOR	EA	1	0	1	\$1,150.00	\$1,150.00
1112286A	360 DEGREE CAMERA ASSEMBLY	EA	1	0	1	\$7,000.00	\$7,000.00
1112287A	360 DEGREE VIDEO DETECTION PROCESSOR	EA	1	0	1	\$20,000.00	\$20,000.00
1112410A	DETECTOR (TYPE A)	EA	2	0	2	\$4,500.00	\$9,000.00
1112470A	PRE-EMPTION SYSTEM CHASSIS	EA	1	0	1	\$4,500.00	\$4,500.00
1113004	2 CONDUCTOR NO. 8 CABLE, TYPE SE, STYLE THW	LF	130	0	130	\$3.00	\$390.00
1113014	3 CONDUCTOR NO. 8 CABLE, TYPE SE, STYLE THW	LF	40	0	40	\$6.20	\$248.00
1113050	2 CONDUCTOR NO. 14 CABLE	LF	300	0	300	\$2.29	\$687.00
1113102	5 CONDUCTOR NO. 14 CABLE	LF	2,070	0	2,070	\$3.00	\$6,210.00
1113103	7 CONDUCTOR NO. 14 CABLE	LF	870	0	870	\$3.00	\$2,610.00
1113104	9 CONDUCTOR NO. 14 CABLE	LF	80	0	80	\$10.00	\$800.00
1113218	2 PAIR NO. 16 CABLE	LF	150	0	150	\$4.00	\$600.00
1113550A	DETECTOR CABLE (OPTICAL)	LF	430	0	430	\$5.00	\$2,150.00
1113725A	23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE	LF	200	0	200	\$2.85	\$570.00
1118012A	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	LS	1	0	1	\$9,200.00	\$9,200.00
1118051A	TEMPORARY SIGNALIZATION (SITE NO. 1)	LS	1	0	1	\$20,000.00	\$20,000.00
1118052A	TEMPORARY SIGNALIZATION (SITE NO. 2)	LS	1	0	1	\$20,000.00	\$20,000.00
1131002	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	DAY	60	0	60	\$40.00	\$2,400.00
1206023A	REMOVAL AND RELOCATION OF EXISTING SIGNS	LS	0.7	0.3	1	\$3,850.00	\$3,850.00
1208000A	PROJECT SIGN	EA	0	1	1	\$1,000.00	\$1,000.00
1208331A	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	SF	118	36	154	\$40.00	\$6,160.00
1209114	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	LF	3,738	2,408	6,146	\$0.26	\$1,229.20
1209124	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	LF	4,843	2,289	7,132	\$0.26	\$1,824.60
1209131	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	SF	1,301	626	1,927	\$1.20	\$2,312.40
1210101	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	4,843	2,289	7,132	\$0.50	\$3,566.00
1210102	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	LF	3,738	2,408	6,146	\$0.50	\$3,073.00
1210105	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	SF	1,298	626	1,924	\$4.00	\$7,696.00
1211001	REMOVAL OF PAVEMENT MARKINGS	SF	100	100	200	\$1.20	\$240.00
1212001	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	LF	200	100	300	\$1.60	\$480.00
1212002	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	LF	200	100	300	\$1.60	\$480.00
1214002	6" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	LF	200	100	300	\$2.20	\$660.00
1220027	CONSTRUCTION SIGNS	SF	725	215	940	\$21.00	\$19,740.00
1301082A	8" DUCTILE IRON PIPE (WATER MAIN)	LF	150	0	150	\$130.00	\$19,500.00
1301652A	8" DUCTILE IRON PIPE INSTALLED ON BRIDGE (WATER MAIN)	LS	1	0	1	\$20,000.00	\$20,000.00
1302061A	ADJUST GATE BOX (WATER)	EA	14	5	19	\$200.00	\$3,800.00
1302062A	ADJUST GATE BOX (GAS)	EA	8	6	14	\$250.00	\$3,500.00

LOW BID EMPIRE PAVING, INC.							
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST		
1,630	800	2,430	\$25.00	\$60,750.00	66.67%		
19	11	30	\$200.00	\$6,000.00	0.00%		
4	3	7	\$80.00	\$560.00	6.67%		
160	100	260	\$85.00	\$22,100.00	70.00%		
730	130	860	\$65.00	\$55,900.00	62.50%		
430	400	830	\$22.00	\$18,260.00	22.22%		
2,160	1,130	3,290	\$0.01	\$32.90	(99.50%)		
3,250	1,150	4,400	\$8.50	\$37,400.00	6.25%		
100	0	100	\$10.00	\$1,000.00	(16.67%)		
14	0	14	\$44.00	\$616.00	(25.67%)		
16	0	16	\$43.00	\$688.00	(33.85%)		
7	0	7	\$42.00	\$294.00	(35.38%)		
12	0	12	\$46.00	\$552.00	(29.23%)		
2	0	2	\$1,600.00	\$3,200.00	60.00%		
2	0	2	\$1,610.00	\$3,220.00	61.00%		
4	0	4	\$1,610.00	\$6,440.00	61.00%		
5	0	5	\$1,575.00	\$7,875.00	57.50%		
2,820	1,150	3,970	\$1.75	\$6,947.50	(41.67%)		
50	0	50	\$15.00	\$750.00	200.00%		
350	0	350	\$1.50	\$525.00	(25.00%)		
950	0	950	\$0.50	\$475.00	0.00%		
550	0	550	\$8.00	\$4,400.00	33.33%		
18	6	24	\$4,500.00	\$108,000.00	45.16%		
0.7	0.3	1	\$163,800.00	\$163,800.00	0.00%		
1,560	624	2,184	\$59.00	\$128,856.00	7.27%		
0.8	0.2	1	\$160,000.00	\$160,000.00	(41.24%)		
125	0	125	\$252.00	\$31,500.00	3.03%		
0.8	0.2	1	\$750,000.00	\$750,000.00	46.89%		
1,650	1,100	2,750	\$0.85	\$2,337.50	(15.00%)		

RECONSTRUCTION OF BREWER STREET  
EAST HARTFORD, CONNECTICUT  
PROJECT NO. 42-318 & L042-0001

BID ANALYSIS (BID OPENING MARCH 16, 2022)

March 2022

ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1401240A	6" DUCTILE IRON PIPE (SANITARY SEWER)	LF	350	0	350	\$120.00	\$42,000.00
1401242A	8" DUCTILE IRON PIPE (SANITARY SEWER)	LF	200	0	200	\$130.00	\$26,000.00
1401662A	SANITARY MANHOLE (4' DIA) 0' TO 10' DEEP	EA	2	0	2	\$5,000.00	\$10,000.00
1403501A	RESET MANHOLE (SANITARY SEWER)	EA	8	4	12	\$600.00	\$7,200.00
1504010A	TEMPORARY SUPPORT OF UTILITIES	LS	1	0	1	\$30,000.00	\$30,000.00
1700001A	SERVICE CONNECTIONS (ESTIMATED COST)	EST	0.7	0.3	1	\$100,000.00	\$100,000.00
<b>TOTAL CONTRACT ITEMS</b>							<b>\$6,811,213.83</b>

LOW BID EMPIRE PAVING, INC.						
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST	
350	0	350	\$143.00	\$50,050.00	19.17%	
200	0	200	\$135.00	\$27,000.00	3.85%	
2	0	2	\$4,200.00	\$8,400.00	(16.00%)	
8	4	12	\$500.00	\$6,000.00	(16.67%)	
1	0	1	\$25,000.00	\$25,000.00	(16.67%)	
0.7	0.3	1	\$100,000.00	\$100,000.00	0.00%	
				<b>\$7,735,889.65</b>	<b>13.58%</b>	

2ND BID C.J. FUCCI, INC.						
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST	
350	0	350	\$115.00	\$40,250.00	(4.17%)	
200	0	200	\$125.00	\$25,000.00	(3.85%)	
2	0	2	\$4,200.00	\$8,400.00	(16.00%)	
8	4	12	\$400.00	\$4,800.00	(33.33%)	
1	0	1	\$25,000.00	\$25,000.00	(16.67%)	
0.7	0.3	1	\$100,000.00	\$100,000.00	0.00%	
				<b>\$7,945,814.00</b>	<b>16.66%</b>	

3RD BID COASTLINE CONSTRUCTION CORP.						
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST	
350	0	350	\$200.00	\$70,000.00	66.67%	
200	0	200	\$200.00	\$40,000.00	53.85%	
2	0	2	\$7,000.00	\$14,000.00	40.00%	
8	4	12	\$1,250.00	\$15,000.00	108.33%	
1	0	1	\$94,000.00	\$94,000.00	213.33%	
0.7	0.3	1	\$100,000.00	\$100,000.00	0.00%	
				<b>\$8,127,000.00</b>	<b>19.32%</b>	

4TH BID TILCON CT, INC.						
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL	% CHANGE FROM ENGR'S EST	
350	0	350	\$205.00	\$71,750.00	70.83%	
200	0	200	\$116.00	\$23,200.00	(10.77%)	
2	0	2	\$5,975.00	\$11,950.00	19.50%	
8	4	12	\$1,595.00	\$19,140.00	165.83%	
1	0	1	\$134,250.00	\$134,250.00	347.50%	
0.7	0.3	1	\$100,000.00	\$100,000.00	0.00%	
				<b>\$9,257,157.55</b>	<b>35.91%</b>	

RECONSTRUCTION OF BREWER STREET  
EAST HARTFORD, CONNECTICUT  
PROJECT NO. 42-318 & L042-0001  
BID ANALYSIS (BID OPENING MARCH 16, 2022)  
March 2022

Item Type	Item #	Item Description	Unit	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
<b>\$6,811,213.83</b>								

Estimate	0202217A	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	EST	1	0	1	\$2,000.00	\$2,000.00
Estimate	0406998A	ASPHALT ADJUSTMENT COST	EST	0.6	0.4	1	\$10,000.00	\$10,000.00
Estimate	0670006	TRAFFICPERSON MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	EST	0.7	0.3	1	\$163,800.00	\$163,800.00
Estimate	170001A	SERVICE CONNECTIONS (ESTIMATED COST)	EST	0.7	0.3	1	\$100,000.00	\$100,000.00

Item Type	ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
<b>\$6,535,413.83</b>								

Item Type	ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
<b>\$6,535,413.83</b>								
Major	0975003	MOBILIZATION AND PROJECT CLOSEOUT	LS	0.8	0.2	1	\$510,570.19	\$393,000.00
Major	0204001	COFFERDAM AND DEWATERING	LF	465	0	465	\$323.63	\$150,487.95
Major	0406171	HMA 50.5	TON	2,100	1,090	3,190	\$123.00	\$392,370.00
Major	0406170	HMA S1	TON	1,960	1,090	3,050	\$120.00	\$366,000.00
Major	0201001A	CLEARING AND GRUBBING	LS	0.8	0.2	1	\$136,152.05	\$136,152.05
Major	0813012	5" X 18" GRANITE STONE CURBING	LF	3,500	1,900	5,400	\$35.00	\$189,000.00
Major	0212000	SUBBASE	CY	3,215	1,775	4,990	\$41.00	\$204,590.00
Major	0207150A	LIGHTWEIGHT FILL	CY	2,595	0	2,595	\$108.00	\$280,260.00
Major	0601064	ABUTMENT AND WALL CONCRETE	CY	362	0	362	\$1,056.00	\$382,272.00
Major	0202000	EARTH EXCAVATION	CY	5,880	3,550	9,430	\$20.00	\$188,600.00
Major	0921001A	CONCRETE SIDEWALK	SF	9,980	5,130	15,110	\$12.00	\$181,320.00
Major	0980020	CONSTRUCTION SURVEYING	LS	0.8	0.2	1	\$102,114.04	\$102,114.04
Major	0971001A	MAINTENANCE AND PROTECTION OF TRAFFIC	LS	0.8	0.2	1	\$272,304.10	\$272,304.10
Major	0602000	DEFORMED STEEL BARS - GALVANIZED	LB	47,238	0	47,238	\$2.95	\$139,352.10
Major	0970007	TRAFFICPERSON (UNIFORMED FLAGGER)	HR	1,560	624	2,184	\$55.00	\$120,120.00
Major	0601062	FOOTING CONCRETE	CY	255	0	255	\$625.17	\$159,418.35
Major	0586002.1	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 10' DEEP	EA	13	9	22	\$3,700.00	\$81,400.00
Major	0960062A	CONSTRUCTION FIELD OFFICE, MEDIUM	MO	18	6	24	\$3,100.00	\$74,400.00

Minor	1002202A	TRAFFIC CONTROL FOUNDATION - MAST ARM	EA	6	0	6	\$15,000.00	\$90,000.00
Minor	0803081A	STRUCTURAL STEEL (SITE NO. 1)	LS	1	0	1	\$79,000.00	\$79,000.00
Minor	0698000.18	18" RC PIPE - 0' - 10' DEEP	LF	758	469	1,227	\$80.00	\$98,160.00
Minor	0913043A	8" POLYVINYL CHLORIDE CHAIN LINK FENCE	LF	820	130	950	\$90.00	\$85,500.00
Minor	0698000.24	24" RC PIPE - 0' - 10' DEEP	LF	896	0	896	\$120.00	\$107,520.00
Minor	0601118	BRIDGE DECK CONCRETE	CY	50	0	50	\$1,532.68	\$76,634.00
Minor	0304002	PROCESSED AGGREGATE BASE	CY	870	450	1,320	\$42.00	\$55,440.00
Minor	0904305A	METAL BRIDGE RAIL - FOUR RAIL	LF	50	0	50	\$250.00	\$12,500.00
Minor	1104024	25 STEEL MAST ARM ASSEMBLY	EA	3	0	3	\$13,000.00	\$39,000.00
Minor	0101128A	SECURING CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA	LS	0.7	0.3	1	\$70,000.00	\$70,000.00
Minor	0921005A	CONCRETE SIDEWALK RAMP	SF	1,630	800	2,430	\$15.00	\$36,450.00
Minor	0910035A	THREE BEAM BRIDGE ATTACHMENT - (PAINTED BLACK)	EA	4	0	4	\$5,000.00	\$20,000.00
Minor	0813013	5" X 18" GRANITE CURVED STONE CURBING	LF	500	240	740	\$50.00	\$37,000.00
Minor	1104033A	40 STEEL MAST ARM ASSEMBLY	EA	2	0	2	\$16,000.00	\$32,000.00
Minor	0922501A	BITUMINOUS CONCRETE DRIVEWAY	SY	730	130	860	\$40.00	\$34,400.00
Minor	1401701A	8" DUCTILE IRON PIPE (SANITARY SEWER)	LF	350	0	350	\$120.00	\$42,000.00
Minor	0202155A	DISPOSAL OF CONTROLLED MATERIALS	TON	700	300	1,000	\$65.00	\$65,000.00
Minor	0698000.15	15" RC PIPE - 0' - 10' DEEP	LF	18	628	646	\$70.00	\$45,220.00
Minor	0586001.1	MANHOLE - 0' - 10' DEEP	EA	11	1	12	\$4,700.00	\$56,400.00
Minor	0601121	PARAPET CONCRETE	LF	22	0	22	\$501.65	\$11,036.30
Minor	0204213A	HANDLING CONTAMINATED GROUNDWATER	LS	0.7	0.3	1	\$50,000.00	\$50,000.00
Minor	1301082A	8" DUCTILE IRON PIPE (WATER MAIN)	LF	150	0	150	\$130.00	\$19,500.00
Minor	0203002	STRUCTURE EXCAVATION-EARTH (EXCLUDING COFFERDAM AND DEWATERING)	CY	1,300	0	1,300	\$31.50	\$40,950.00
Minor	0913968A	PROTECTIVE FENCE (8'-00" HIGH)	LF	70	0	70	\$180.00	\$12,600.00
Minor	0944000	FURNISHING AND PLACING TOPSOIL	SY	3,250	1,150	4,400	\$8.00	\$35,200.00
Minor	0503001A	REMOVAL OF SUPERSTRUCTURE	LS	1	0	1	\$62,710.00	\$62,710.00
Minor	068950.1	REMOVE EXISTING PIPE - 0' - 10' DEEP	LF	900	71	971	\$28.00	\$27,188.00
Minor	0688002.12	12" RC PIPE (CLASS V) - 0' - 10' DEEP	LF	354	104	458	\$70.00	\$32,060.00
Minor	0586850.2A	HYDRODYNAMIC SEPARATOR (SITE NO. 2)	EA	1	0	1	\$20,000.00	\$20,000.00
Minor	0586850.1A	HYDRODYNAMIC SEPARATOR (SITE NO. 1)	EA	1	0	1	\$33,220.00	\$33,220.00
Minor	0974001	REMOVAL OF EXISTING MASONRY	CY	125	0	125	\$244.60	\$30,575.00
Minor	0204151A	HANDLING WATER	LS	1	0	1	\$20,000.00	\$20,000.00
Minor	1301652A	8" DUCTILE IRON PIPE INSTALLED ON BRIDGE (WATER MAIN)	LS	1	0	1	\$29,000.00	\$29,000.00
Minor	0101117A	CONTROLLED MATERIALS HANDLING	CY	1,670	740	2,410	\$28.00	\$68,880.00
Minor	0601123	APPROACH SLAB CONCRETE	CY	45	0	45	\$619.08	\$27,856.60
Minor	1401242A	8" DUCTILE IRON PIPE (SANITARY SEWER)	LF	200	0	200	\$130.00	\$26,000.00
Minor	0601020A	STAMPED CONCRETE	SF	550	0	550	\$31.00	\$17,050.00
Minor	1009215	2" RIGID METAL JOINT UNDER ROADWAY	LF	680	0	680	\$16.00	\$10,880.00
Minor	0601123	APPROACH SLAB CONCRETE	CY	25	0	25	\$1,025.81	\$25,645.25
Minor	1504010A	TEMPORARY SUPPORT OF UTILITIES	LS	1	0	1	\$30,000.00	\$30,000.00
Minor	1104028A	30" STEEL MAST ARM ASSEMBLY	EA	1	0	1	\$15,000.00	\$15,000.00
Minor	0707009A	MEMBRANE WATERPROOFING (COLD LIQUID ELASTOMERIC)	SY	295	0	295	\$100.24	\$29,570.80
Minor	0286001.1	ROCK IN DRAINAGE TRENCH EXCAVATION 0'-10' DEEP	CY	110	50	160	\$116.00	\$18,560.00
Minor	0209001	FORMATION OF SUBGRADE	SY	9,800	5,100	14,900	\$4.00	\$59,600.00
Minor	0922500A	BITUMINOUS CONCRETE DRIVEWAY (COMMERCIAL)	SY	160	100	260	\$50.00	\$13,000.00
Minor	0601091A	SIMULATED STONE MASONRY	SY	70	0	70	\$280.00	\$19,600.00
Minor	112287A	360 DEGREE VIDEO DETECTION PROCESSOR	EA	1	0	1	\$20,000.00	\$20,000.00
Minor	1108117A	FULL ACTUATED CONTROLLER W/ACTUATED PEDESTRIAN PHASE (16 PHASE)	EA	1	0	1	\$15,000.00	\$15,000.00
Minor	0406236	MATERIAL FOR TACK COAT	GAL	865	450	1,315	\$8.00	\$10,520.00
Minor	0924006A	CONCRETE DRIVEWAY RAMP	SF	430	400	830	\$18.00	\$14,940.00
Minor	0686002.15	15" RC PIPE (CLASS V) - 0' - 10' DEEP	LF	240	0	240	\$103.00	\$24,720.00
Minor	0586002.2	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 20' DEEP	EA	3	0	3	\$4,800.00	\$14,400.00
Minor	0913854A	REMOVE AND RESET CHAIN LINK FENCE	LF	250	20	270	\$20.00	\$5,400.00
Minor	1105103A	1 WAY, 3 SECTION MAST ARM TRAFFIC SIGNAL	EA	12	0	12	\$1,200.00	\$14,400.00
Minor	0201451A	TEMPORARY PROTECTIVE FENCE	LF	820	130	950	\$20.00	\$19,000.00
Minor	0913842A	DOUBLE WALL (SITE NO. 1)	EA	1	0	1	\$12,000.00	\$12,000.00
Minor	0601651A	RETAINING WALL (GATE NO. 1)	LS	1	0	1	\$8,700.00	\$8,700.00
Minor	0586041.1	TYPE "C" CATCH BASIN (4' SUMP) - 0' - 10' DEEP	EA	3	0	3	\$3,600.00	\$10,800.00
Minor	0521021A	STEEL-LAMINATED ELASTOMERIC BEARINGS	CI	1,225	0	1,225	\$7.84	\$9,604.00
Minor	0213100	GRANULAR FILL	CY	157	0	157	\$68.00	\$10,676.00
Minor	0913800	REMOVE AND RESET CHAIN LINK FENCE	LF	1455	150	1,605	\$5.00	\$8,025.00
Minor	0913001	4 CHAIN LINK FENCE	LF	250	0	250	\$25.00	\$6,250.00
Minor	0911920A	R-B END ANCHORAGE - TYPE I - (PAINTED BLACK)	EA	3	0	3	\$1,900.00	\$5,700.00
Minor	0202513	REMOVAL OF CONCRETE SIDEWALK	SY	990	550	1,540	\$12.00	\$18,480.00
Minor	1112011A	TEMPORARY DETECTION (SITE NO. 1)	LS	1	0	1	\$5,000.00	\$5,000.00
Minor	0703011	INTERMEDIATE RIPRAP	CY	160	0	160	\$91.39	\$14,622.40
Minor	0686710.08A	8" DUCTILE IRON PIPE - 0' - 10' DEEP	LF	120	0	120	\$130.00	\$15,600.00
Minor	0910307A	METAL BEAM RAIL (R-B MASH) - (PAINTED BLACK)	LF	135	0	135	\$50.00	\$6,750.00
Minor	120931A	SIGN FACE - SHEET ALUMINUM (TYPE IX RETROREFLECTIVE SHEETING)	SF	118	36	154	\$40.00	\$6,160.00
Minor	0101000A	ENVIRONMENTAL HEALTH AND SAFETY	LS	0.7	0.3	1	\$24,500.00	\$24,500.00
Minor	0601640	1" CLOSED CELL ELASTOMER	CI	58,870	0	58,870	\$0.17	\$10,007.90
Minor	1002015	ROCK IN FOUNDATION EXCAVATION	VF	10	0	10	\$700.00	\$7,000.00
Minor	0913031	7" CHAIN LINK FENCE	LF	60	0	60	\$40.00	\$2,400.00
Minor	0209003A	LEAD COMPLIANCE FOR MISCELLANEOUS EXTERIOR TASKS	LS	0.7	0.3	1	\$10,000.00	\$10,000.00
Minor	0202216A	EXCAVATION AND REUSE OF EXISTING CHANNEL BOTTOM MATERIAL	CY	100	0	100	\$7.425	\$742.50
Minor	0219011A	SEDIMENTATION CONTROL SYSTEM AT CATCH BASIN	EA	36	17	53	\$140.00	\$7,420.00
Minor	1401801A	REMOVAL AND/OR RELOCATION OF TRAFFIC SIGNAL EQUIPMENT	LS	1	0	1	\$30,000.00	\$30,000.00
Minor	0586780.1	REMOVE DRAINAGE STRUCTURE - 0' - 10' DEEP	EA	15	3	18	\$1,400.00	\$25,200.00
Minor	0901003A	STEEL BOLLARD	EA	8	0	8	\$1,050.00	\$8,400.00
Minor	1401662A	SANITARY MANHOLE (4' DIA) 0' TO 10' DEEP	EA	2	0	2	\$5,000.00	\$10,000.00
Minor	0686230.18	18" HIGH DENSITY POLYETHYLENE PIPE - 0' - 10' DEEP	LF	106	0	106	\$100.00	\$10,600.00

LOW BID  
EMPIRE PAVING, INC.

42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
<b>\$7,735,899.85</b>				

42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
<b>\$7,460,089.65</b>				

0.8	0.2	1	\$750,000.00	\$750,000.00
465	0	465	\$850.00	\$396,250.00
2,100	1,090	3,190	\$100.00	\$319,000.00
1,960	1,090	3,050	\$99.50	\$303,475.00
0.8	0.2	1	\$290,000.00	\$290,000.00
3,500	1,900	5,400	\$53.00	\$286,200.00

RECONSTRUCTION OF BREWER STREET  
EAST HARTFORD, CONNECTICUT  
PROJECT NO. 42-318 & L042-0001

BID ANALYSIS (BID OPENING MARCH 16, 2022)  
March 2022

Item Type	Item #	Item Description	Unit	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
								\$6,811,213.83
Estimate	0202217A	SUPPLEMENTAL STREAMBED CHANNEL MATERIAL	EST	1	0	1	\$2,000.00	\$2,000.00
Estimate	0406998A	ASPHALT ADJUSTMENT COST	EST	0.6	0.4	1	\$10,000.00	\$10,000.00
Estimate	0670006	TRAFFICPERSON (MUNICIPAL POLICE OFFICER) (ESTIMATED COST)	EST	0.7	0.3	1	\$163,800.00	\$163,800.00
Estimate	170001A	SERVICE CONNECTIONS (ESTIMATED COST)	EST	0.7	0.3	1	\$100,000.00	\$100,000.00

LOW BID EMPIRE PAVING, INC.				
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1	0	1	\$2,000.00	\$2,000.00
0.6	0.4	1	\$10,000.00	\$10,000.00
0.7	0.3	1	\$163,800.00	\$163,800.00
0.7	0.3	1	\$100,000.00	\$100,000.00

% of Bid	Cumulative Value	Cumulative % of Total	% Variance	Major Item > +/- 20% ?
0.03%	\$2,000.00	0.03%	N/A	N/A
0.13%	\$12,000.00	0.16%	N/A	N/A
2.20%	\$175,800.00	2.27%	N/A	N/A
1.34%	\$275,800.00	3.57%	N/A	N/A

2ND BID C.J. FUCCI, INC.				
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1	0	1	\$2,000.00	\$2,000.00
0.6	0.4	1	\$10,000.00	\$10,000.00
0.7	0.3	1	\$163,800.00	\$163,800.00
0.7	0.3	1	\$100,000.00	\$100,000.00

3RD BID COASTLINE CONSTRUCTION CORP.				
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1	0	1	\$2,000.00	\$2,000.00
0.6	0.4	1	\$10,000.00	\$10,000.00
0.7	0.3	1	\$163,800.00	\$163,800.00
0.7	0.3	1	\$100,000.00	\$100,000.00

4TH BID TILCON CT, INC.				
42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1	0	1	\$2,000.00	\$2,000.00
0.6	0.4	1	\$10,000.00	\$10,000.00
0.7	0.3	1	\$163,800.00	\$163,800.00
0.7	0.3	1	\$100,000.00	\$100,000.00

Item Type	ITEM NO.	ITEM DESCRIPTION	UNIT	42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
Minor	1210105	EPOXY RESIN PAVEMENT MARKINGS, SYMBOLS AND LEGENDS	SF	1,298	626	1,924	\$4.00	\$7,696.00
Minor	0949988	QUERCUS PALUSTRIS PIN OAK 3 1/2" - 4" CAL. B.B.	EA	5	0	5	\$1,000.00	\$5,000.00
Minor	0913030	3" CHAIN LINK FENCE	LF	120	0	120	\$23.00	\$2,760.00
Minor	1118052A	TEMPORARY SIGNALIZATION (SITE NO. 2)	LS	1	0	1	\$20,000.00	\$20,000.00
Minor	0601652A	RETAINING WALL (SITE NO. 2)	LS	1	0	1	\$3,400.00	\$3,400.00
Minor	0219001	SEDIMENTATION CONTROL SYSTEM	LF	860	450	1,310	\$4.00	\$5,240.00
Minor	0905019A	TURF ESTABLISHMENT - LAWN	SY	2,820	1,150	3,970	\$3.00	\$11,910.00
Minor	1112286A	360 DEGREE CAMERA ASSEMBLY	EA	1	0	1	\$7,000.00	\$7,000.00
Minor	0586006.1	TYPE "C" CATCH BASIN DOUBLE GRATE TYPE 2 (4' SUMP) - 0' - 10" DEEP	EA	1	0	1	\$5,400.00	\$5,400.00
Minor	1107011A	ACCESSIBLE PEDESTRIAN SIGNAL AND DETECTOR (TYPE A)	EA	6	0	6	\$1,000.00	\$6,000.00
Minor	0819002A	PENETRATING SEALER PROTECTIVE COMPOUND	SY	322	0	322	\$20.35	\$6,552.70
Minor	0949858	SALIX NIGRA, BLACK WILLOW 3 1/2" - 4" CAL. B.B.	EA	4	0	4	\$1,000.00	\$4,000.00
Minor	1113102	5 CONDUCTOR NO. 14 CABLE	LF	2,070	0	2,070	\$3.00	\$6,210.00
Minor	1010011	CONCRETE HANDHOLE - TYPE I	EA	7	0	7	\$900.00	\$6,300.00
Minor	0511201	1 1/2" POLYVINYL CHLORIDE PLASTIC PIPE (BRIDGE)	LF	10	0	10	\$51.65	\$516.50
Minor	0921209	DETECTABLE WARNING STRIP	EA	19	11	30	\$200.00	\$6,000.00
Minor	0981101A	OPPOSING TRAFFIC LANE DIVIDER	EA	20	10	30	\$100.00	\$3,000.00
Minor	1403501A	RESET MANHOLE (SANITARY SEWER)	EA	8	4	12	\$600.00	\$6,000.00
Minor	0708001	DAMP-PROOFING	SY	385	0	385	\$15.08	\$5,805.80
Minor	0686000.12	12" RC PIPE - 0' - 10" DEEP	LF	107	0	107	\$65.00	\$6,955.00
Minor	0978002	TRAFFIC DRUM	EA	40	25	65	\$85.00	\$5,525.00
Minor	0979003	CONSTRUCTION BARRICADE TYPE III	EA	20	10	30	\$135.00	\$3,900.00
Minor	0815001	BITUMINOUS CONCRETE LIP CURBING	LF	120	40	160	\$18.00	\$2,880.00
Minor	1111202A	TEMPORARY DETECTION (SITE NO. 2)	LS	1	0	1	\$5,000.00	\$5,000.00
Minor	1118051A	TEMPORARY SIGNALIZATION (SITE NO. 1)	LS	1	0	1	\$20,000.00	\$20,000.00
Minor	0406173	HMA 90.25	TON	15	0	15	\$237.20	\$3,558.00
Minor	0952051A	CONTROL AND REMOVAL OF INVASIVE VEGETATION	SY	550	0	550	\$6.00	\$3,300.00
Minor	0913020	3" CHAIN LINK GATE 7' HIGH	EA	1	0	1	\$1,000.00	\$1,000.00
Minor	0911928A	R-B END ANCHORAGE - TYPE II - (PAINTED BLACK)	EA	1	0	1	\$1,500.00	\$1,500.00
Minor	0811105	CONCRETE CURBING CAST IN PLACE	LF	0	60	60	\$100.00	\$6,000.00
Minor	1210115	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	4,843	2,289	7,132	\$9.50	\$67,558.50
Minor	0728014A	3/4" CRUSHED STONE	CY	70	0	70	\$90.00	\$6,300.00
Minor	1108163A	MODIFY EXISTING CONTROLLER	EA	1	0	1	\$3,000.00	\$3,000.00
Minor	111451A	LOOP DETECTOR SAWCUT	LF	170	0	170	\$18.00	\$2,880.00
Minor	0216012A	CONTROLLED LOW STRENGTH MATERIAL	CY	5	0	5	\$250.00	\$1,250.00
Minor	0707200A	GEOGRID	SY	360	0	360	\$5.40	\$1,944.00
Minor	0822001	TEMPORARY PRECAST CONCRETE BARRIER CURB	LF	120	0	120	\$33.00	\$3,960.00
Minor	1209131	HOT-APPLIED PAINTED LEGEND, ARROWS AND MARKINGS	SF	1,301	626	1,927	\$1.20	\$2,312.40
Minor	1108724A	4" WHITE EPOXY RESIN PAVEMENT MARKINGS	LF	3,738	2,408	6,146	\$9.50	\$58,313.84
Minor	1210102	4" YELLOW EPOXY RESIN PAVEMENT MARKINGS	LF	3,738	2,408	6,146	\$9.50	\$58,313.84
Minor	1002203	TRAFFIC CONTROL FOUNDATION - PEDESTAL - TYPE I	EA	4	0	4	\$1,000.00	\$4,000.00
Minor	0949849	ACER SACCHARUM, SUGAR MAPLE 3 1/2" - 4" CAL. B.B.	EA	2	0	2	\$1,000.00	\$2,000.00
Minor	0949309	QUERCUS RUBRA, NORTHERN RED OAK 3 1/2" - 4" CAL. B.B.	EA	2	0	2	\$1,000.00	\$2,000.00
Minor	0508051	SHEAR CONNECTORS (SITE NO. 1)	EA	795	0	795	\$4.00	\$3,180.00
Minor	1113103	7 CONDUCTOR NO. 14 CABLE	LF	870	0	870	\$3.45	\$2,986.50
Minor	1131002	REMOTE CONTROL CHANGEABLE MESSAGE SIGN	DAY	60	0	60	\$40.00	\$2,400.00
Minor	1206023A	REMOVAL AND RELOCATION OF EXISTING SIGNS	LS	0.7	0.3	1	\$3,000.00	\$3,000.00
Minor	1108901A	1 WAY PEDESTRIAN SIGNAL POLE MOUNTED	EA	3	0	3	\$940.00	\$2,820.00
Minor	0981100	42" TRAFFIC CONE	EA	40	25	65	\$40.00	\$2,600.00
Minor	1102002	8" ALUMINUM PEDESTAL	EA	3	0	3	\$650.00	\$1,950.00
Minor	0202529	CUT BITUMINOUS CONCRETE PAVEMENT	LF	1,190	370	1,560	\$4.00	\$6,240.00
Minor	1209124	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" WHITE	LF	4,843	2,289	7,132	\$9.50	\$67,558.50
Minor	1015034A	GROUNDING AND BONDING	LS	1	0	1	\$500.00	\$500.00
Minor	1106003A	1 WAY PEDESTRIAN SIGNAL PEDESTAL MOUNTED	EA	3	0	3	\$950.00	\$2,850.00
Minor	1112410A	DETECTOR (TYPE A)	EA	2	0	2	\$4,500.00	\$9,000.00
Minor	0917602	BARRICADE WARNING LIGHTS - HIGH INTENSITY	DAY	1,650	1,100	2,750	\$1.00	\$2,750.00
Minor	1209114	HOT-APPLIED PAINTED PAVEMENT MARKINGS 4" YELLOW	LF	3,738	2,408	6,146	\$9.50	\$58,313.84
Minor	0755010	GEOTEXTILE (SEPARATION - MEDIUM SURVIVABILITY)	SY	855	0	855	\$4.30	\$3,676.50
Minor	1008115	2" RIGID METAL CONDUIT IN TRENCH	LF	60	0	60	\$12.40	\$744.00
Minor	1001001	TRENCHING AND BACKFILLING	LF	70	0	70	\$28.80	\$2,016.00
Minor	1302061A	ADJUST GATE BOX (WATER)	EA	14	5	19	\$200.00	\$3,800.00
Minor	1202027	CONSTRUCTION SIGNS	SF	725	215	940	\$2.00	\$1,880.00
Minor	0913029	3" CHAIN LINK GATE 3' HIGH	EA	1	0	1	\$500.00	\$500.00
Minor	1214002	8" PREFORMED BLACK LINE MASK PAVEMENT MARKING TAPE	LF	200	100	300	\$2.20	\$660.00
Minor	1010060A	CLEAN EXISTING CONCRETE HANDHOLE	EA	2	0	2	\$350.00	\$700.00
Minor	1113050	2 CONDUCTOR NO. 14 CABLE	LF	300	0	300	\$2.20	\$660.00
Minor	1008217	3" RIGID METAL CONDUIT UNDER ROADWAY	LF	10	0	10	\$36.20	\$362.00
Minor	0950036	EROSION CONTROL MATTING TYPE E	SY	50	0	50	\$5.00	\$250.00
Minor	0949020	CORNUS AMOMUM, SILKY DOGWOOD 3-4" HT. B.B.	EA	16	0	16	\$65.00	\$1,040.00
Minor	1212001	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" YELLOW	LF	200	100	300	\$1.60	\$480.00
Minor	1212002	TEMPORARY PLASTIC PAVEMENT MARKING TAPE - 4" WHITE	LF	200	100	300	\$1.60	\$480.00
Minor	0949010	CLETHRA ALINIFOLIA SWEET PEPPERBUSH 3-4" HT. B.B.	EA	14	0	14	\$60.00	\$840.00
Minor	1113216	2 PAIR NO. 16 CABLE	LF	150	0	150	\$4.00	\$600.00
Minor	1105180A	1 WAY, 1 SECTION BI-COLORED ARROW	EA	1	0	1	\$600.00	\$600.00
Minor	1113725A	23 AWG 4 TWISTED PAIR CATEGORY 6 CABLE	LF	200	0	200	\$2.80	\$560.00
Minor	0922001	BITUMINOUS CONCRETE SIDEWALK	SY	4	3	7	\$75.00	\$525.00
Minor	0949289	ALNUS INCANA, SPECKLED ALDER 3-4" HT. B.B.	EA	12	0	12	\$65.00	\$780.00
Minor	0950040A	ANTERSON SEEDING FOR SLOPES	SY	350	0	350	\$2.00	\$700.00
Minor	111401A	1 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	EA	1	0	1	\$475.20	\$475.20
Minor	0586006	SANDWICH DRAINAGE STRUCTURE	EA	14	0	14	\$675.00	\$9,450.00
Minor	0950043A	WETLAND GRASS ESTABLISHMENT	SF	950	0	950	\$0.50	\$475.00
Minor	1113004	2 CONDUCTOR NO. 8 CABLE, TYPE SE, STYLE THW	LF	130	0	130	\$3.60	\$468.00
Minor	1211001	REMOVAL OF PAVEMENT MARKINGS	SF	100	100	200	\$1.20	\$240.00
Minor	1113104	9 CONDUCTOR NO. 14 CABLE	LF	80	0	80	\$10.00	\$800.00
Minor	0949060	SAMBUCUS N. GR. SSP. CANADENSIS BLACK ELDERBERRY 3-4" HT. B.B.	EA	7	0	7	\$65.00	\$455.00
Minor	1113014	3 CONDUCTOR NO. 8 CABLE, TYPE SE, STYLE THW	LF	40	0	40	\$6.20	\$248.00
Minor	0601502	1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES	SF	5	0	5	\$14.02	\$70.10
Minor	0943001	WATER FOR DUST CONTROL	M GAL	2,160	1,130	3,290	\$2.00	\$6,580.00

42-318 QTY	L042-0001 QTY	TOTAL QTY	UNIT PRICE	TOTAL
1,298	626	1,924	\$4.25	\$8,177.00
5	0	5	\$1,575.00	\$7,875.00
120	0	120	\$65.40	\$7,848.00
1	0	1	\$7,700.00	\$7,700.00
1	0	1	\$7,500.00	\$7,500.00
860	450	1,310	\$5.50	\$7,205.00
2,820	1,150	3,970	\$1.75	\$6,947.50
1	0	1	\$6,891.00	\$6,891.00