## Roll Call Number

DATE February 7, 2022

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON
INGERSOLL AVENUE STREETSCAPE FROM 28TH STREET TO M.L. KING JR. PARKWAY (SOUTH SIDE);
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS JASPER CONSTRUCTION SERVICES, INC., CLIFF RHOADS, PRESIDENT, \$5,258,518.95

WHEREAS, on December 20, 2021, under Roll Call No. 21-1886, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

Ingersoll Avenue Streetscape from 28th Street to M.L. King Jr. Parkway (South Side), 042022004
The improvement includes construction of Portland Cement Concrete (PCC) sidewalks, driveways, pavement, colored concrete, and Hot Mix Asphalt (HMA) paving, together with the necessary removals, earthwork, clearing and grubbing, erosion control, subdrains, storm sewers, traffic control, traffic signals, conduit, site furnishings, plantings, permeable pavers, and surface restoration; all in accordance with the contract documents, including Plan File No. 638-001/196, on Ingersoll Avenue from 28th Street to M.L. King Jr. Parkway (south side), Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

WHEREAS, in accordance with said notice, those interested in said proposed plans, specifications, form of contract documents, and Engineer's estimate of construction cost both for and against, have been given opportunity to be heard with respect thereto and have presented their views to the City Council.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the upon due consideration of the facts, and any and all statements of interested persons, any objections to the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement are overruled and the hearing is closed and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

Jasper Construction Services, Inc., Newton, IA Low Bid
Hawkeye Paving Corporation, Davenport, IA
Synergy Contracting, LLC, Altoona, IA
Rognes Corp. , Ankeny, IA
which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on January 25, 2022. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

## Roll Call Number

## Agenda Item Number <br> $\qquad$

DATE February 7, 2022
BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by Jasper Construction Services, Inc., Cliff Rhoads, President, 928 N 19th Avenue East, Newton, IA, 50208 in the amount of $\$ 5,258,518.95$, and said bid be and the same is hereby accepted.

BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned in accordance with the Instructions to Bidders.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary closure of all public grounds, streets, sidewalks, alleys, bridges, culverts, overpasses, underpasses, grade crossing separations and approaches, public ways, squares, and commons for the Project.

Moved by $\qquad$ to adopt.
(Council Communication No. 22.045 )

## s/Kathleen Vanderpool

Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE

Nickolas J. Schaul<br>Director of Finance

s/Nickolas J. Schaul

Funding Source: 2021-2022 CIP, Page 128, Ingersoll Streetscape, ST276, TIF-Backed G. O. Bonds


TABULATED BY: N. Smith APPROVED BY PWrsenan
CHECKED BY: C. Kuhl
CONTRACTORS BID TABULATION
PROJECT: INGERSOLL AVENUE STREETSCAPE FROM 28TH STREET TO M.L. KING JR. PARKWAY (SOUTH (SOUTH SIDE)

| ITEM | DESCRIPTION |
| :---: | :---: |
| 0001 | CLEARING AND GRUBBING |
| 0002 | TOPSOIL, ON-SITE |
| 0003 | EXCAVATION, CLASS 10, WASTE |
| 0004 | SUBGRADE PREPARATION, $6^{\prime \prime}$ |
| 0005 | SUBGRADE TREATMENT, GEOGRID, TYPE 2 |
| 0006 | SUBBASE, MODIFIED SUBBASE, ${ }^{\prime \prime}$ |
| 0007 | SUBBASE, MODIFIED SUBBASE, 12" |
| 0008 | REPLACEMENT OF UNSUITABLE BACKFILL MATERIAL |
| 0009 | STORM SEWER, TRENCHED, DIP, 15" |
| 0010 | STORM SEWER, TRENCHED, 15" |
| 0011 | STORM SEWER, TRENCHED, 18" |
| 0012 | STORM SEWER, TRENCHED, 24" |
| 0013 | REMOVAL OF STORM SEWER, <30" DIAMETER |
| 0014 | STORM SEWER ABANDONMENT, PLUG |
| 0015 | SUBDRAIN, 6 " |
| 0016 | SUBDRAIN CLEANOUT, TYPE A-1 |
| 0017 | SUBDRAIN OUTLETS AND CONNECTIONS |
| 0018 | SPOT REPAIRS BY PIPE REPLACEMENT |
| 0019 | SPOT REPAIRS BY PIPE REPLACEMENT |
| 0020 | WATER MAIN REMOVAL, 8 " |
| 0021 | MANHOLE, SW-303, 48" |
| 0022 | MANHOLE, SW-401, 48" |
| 0023 | MANHOLE, SW-402, 48"X48" |
| 0024 | MANHOLE, SW-402, 48"X60" |
| 0025 | MANHOLE, SW-402, 48'X72" |
| 0026 | MANHOLE, SW-402, 48"X84" |
| 0027 | MANHOLE, SW-402, 60"X72" |
| 0028 | INTAKE, SW-501 |
| 0029 | INTAKE, SW-502 |
| 0030 | INTAKE, SW-505 |
| 0031 | INTAKE, SW-511 |
| 0032 | INTAKE, SW-512 |
| 0033 | MANHOLE ADJUSTMENT, MINOR |
| 0034 | REMOVE INTAKE |
| 0035 | REMOVE MANHOLE |
| 0036 | INTAKE, TRENCH DRAIN |
| 0037 | PAVEMENT, PCC, 6 " |
| 0038 | PAVEMENT, PCC, 9" |
| 0039 | PAVEMENT, INTEGRAL COLOR PCC, 8" |
| 0040 | CURB AND GUTTER, $2.0{ }^{\prime}$ |
| 0041 | PAVEMENT, HMA, 7 " |
| 0042 | PAVEMENT, HMA, $9^{\prime \prime}$ |
| 0043 | HMA PAVEMENT SAMPLES AND TESTING |
| 0044 | HMA OVERLAY, 1.25" |
| 0045 | REMOVAL OF SIDEWALK |
| 0046 | SIDEWALK, PCC, 5 " |
| 0047 | SIDEWALK, PCC, $6^{\prime \prime}$ |
| 0048 | SIDEWALK, INTEGRAL COLOR PCC, ${ }^{\prime \prime}$ |
| 0049 | SIDEWALK, PCC, CLASS A |
| 0050 | DETECTABLE WARNINGS |
| 0051 | DRIVEWAY, PAVED, PCC, 6 " |
| 0052 | DRIVEWAY, PAVED, PCC, $8^{\prime \prime}$ |



Jasper Constructio
Services, Inc.
Newton, IA

BID SECURITY
10\%
BID PRICE

## UNIT

| UNIT |
| :---: |
| PRICE |
| \$100.00 |
| \$40.00 |
| \$40.00 |
| \$7.50 |
| \$4.00 |
| \$8.00 |
| \$24.00 |
| \$5.00 |
| \$132.00 |
| \$88.0 |
| \$110.00 |
| \$220.00 |
| \$33.00 |
| \$1,650.00 |
| \$33.00 |
| \$550.00 |
| \$550.00 |
| \$3,000.00 |
| \$275.00 |
| \$22.00 |
| \$5,500.00 |
| \$5,500.00 |
| \$9,900.00 |
| \$12,100.00 |
| \$13,175.00 |
| \$17,250.00 |
| \$19,250.00 |
| \$6,600.00 |
| \$7,150.00 |
| \$7,700.00 |
| \$6,600.00 |
| \$3,300.00 |
| \$1,650.00 |
| \$1,650.00 |
| \$1,650.00 |
| \$1,760.00 |
| \$120.00 |
| \$150.00 |
| \$135.00 |
| \$35.00 |
| \$38.00 |
| \$47.00 |
| \$2,200.00 |
| \$165.00 |
| \$15.00 |
| \$80.00 |
| \$80.00 |
| \$135.00 |
| \$120.00 |
| \$65.00 |
| \$80.00 |
| \$100.00 |

Hawkeye Paving Corp Davenport, IA

BID SECURITY
10\%
BID PRICE

| AMOUNT |
| :---: |
| \$8,820.00 |
| \$4,000.00 |
| \$280,520.00 |
| \$68,100.00 |
| \$16,612.00 |
| \$16,080.00 |
| \$155,520.00 |
| \$2,500.00 |
| \$4,752.00 |
| \$114,840.00 |
| \$46,420.00 |
| \$1,540.00 |
| \$924.00 |
| \$1,650.00 |
| \$106,392.00 |
| \$2,200.00 |
| \$23,100.00 |
| \$6,000.00 |
| \$5,500.00 |
| \$16,610.00 |
| \$49,500.00 |
| \$22,000.00 |
| \$39,600.00 |
| \$24,200.00 |
| \$13,175.00 |
| \$17,250.00 |
| \$19,250.00 |
| \$52,800.00 |
| \$7,150.00 |
| \$84,700.00 |
| \$6,600.00 |
| \$3,300.00 |
| \$18,150.00 |
| \$18,150.00 |
| \$14,850.00 |
| \$179,520.00 |
| \$4,200.00 |
| \$177,600.00 |
| \$27,540.00 |
| \$34,440.00 |
| \$47,652.00 |
| \$205,719.00 |
| \$2,200.00 |
| \$990.00 |
| \$22,515.00 |
| \$154,800.00 |
| \$3,920.00 |
| \$205,200.00 |
| \$118,440.00 |
| \$6,890.00 |
| \$13,360.00 |
| \$122,000.00 |


| UNIT |  |
| :---: | :---: |
| PRICE | AMOUNT |
| \$100.00 | \$8,820.00 |
| \$180.00 | \$18,000.00 |
| \$30.00 | \$210,390.00 |
| \$2.00 | \$18,160.00 |
| \$3.00 | \$12,459.00 |
| \$22.00 | \$44,220.00 |
| \$40.00 | \$259,200.00 |
| \$30.00 | \$15,000.00 |
| \$220.00 | \$7,920.00 |
| \$100.00 | \$130,500.00 |
| \$115.00 | \$48,530.00 |
| \$295.00 | \$2,065.00 |
| \$35.00 | \$980.00 |
| \$1,000.00 | \$1,000.00 |
| \$20.00 | \$64,480.00 |
| \$1,000.00 | \$4,000.00 |
| \$375.00 | \$15,750.00 |
| \$7,800.00 | \$15,600.00 |
| \$950.00 | \$19,000.00 |
| \$30.00 | \$22,650.00 |
| \$17,000.00 | \$153,000.00 |
| \$7,500.00 | \$30,000.00 |
| \$14,000.00 | \$56,000.00 |
| \$18,000.00 | \$36,000.00 |
| \$20,000.00 | \$20,000.00 |
| \$24,000.00 | \$24,000.00 |
| \$34,000.00 | \$34,000.00 |
| \$9,000.00 | \$72,000.00 |
| \$14,000.00 | \$14,000.00 |
| \$12,000.00 | \$132,000.00 |
| \$9,000.00 | \$9,000.00 |
| \$5,000.00 | \$5,000.00 |
| \$3,500.00 | \$38,500.00 |
| \$4,000.00 | \$44,000.00 |
| \$4,000.00 | \$36,000.00 |
| \$2,000.00 | \$204,000.00 |
| \$120.00 | \$4,200.00 |
| \$135.00 | \$159,840.00 |
| \$185.00 | \$37,740.00 |
| \$60.00 | \$59,040.00 |
| \$38.00 | \$47,652.00 |
| \$46.00 | \$201,342.00 |
| \$700.00 | \$700.00 |
| \$125.00 | \$750.00 |
| \$20.00 | \$30,020.00 |
| \$93.00 | \$179,955.00 |
| \$128.00 | \$6,272.00 |
| \$147.00 | \$223,440.00 |
| \$162.00 | \$159,894.00 |
| \$72.00 | \$7,632.00 |
| \$85.00 | \$14,195.00 |
| \$128.00 | \$156,160.00 |

Synergy Contracting, LLC.
Des Moines, IA Des Moines, IA
BID SECURITY

10\%
BID PRICE

## UNIT

## PRICE $\$ 300$.

|  | UNIT |  |
| :---: | :---: | :---: |
| AMOUNT | PRICE | AMOUNT |
| \$26,460.00 | \$246.00 | \$21,697.20 |
| \$1,500.00 | \$149.00 | \$14,900.00 |
| \$210,390.00 | \$70.00 | \$490,910.00 |
| \$45,400.00 | \$8.00 | \$72,640.00 |
| \$10,382.50 | \$3.00 | \$12,459.00 |
| \$25,125.00 | \$10.00 | \$20,100.00 |
| \$194,400.00 | \$24.00 | \$155,520.00 |
| \$33,500.00 | \$49.00 | \$24,500.00 |
| \$7,812.00 | \$384.00 | \$13,824.00 |
| \$237,510.00 | \$237.00 | \$309,285.00 |
| \$79,758.00 | \$243.00 | \$102,546.00 |
| \$1,568.00 | \$260.00 | \$1,820.00 |
| \$784.00 | \$79.00 | \$2,212.00 |
| \$3,500.00 | \$1,466.00 | \$1,466.00 |
| \$90,272.00 | \$27.00 | \$87,048.00 |
| \$5,600.00 | \$547.00 | \$2,188.00 |
| \$44,100.00 | \$547.00 | \$22,974.00 |
| \$14,000.00 | \$1,482.00 | \$2,964.00 |
| \$5,600.00 | \$520.00 | \$10,400.00 |
| \$15,855.00 | \$79.00 | \$59,645.00 |
| \$62,370.00 | \$22,955.00 | \$206,595.00 |
| \$20,160.00 | \$4,989.00 | \$19,956.00 |
| \$48,300.00 | \$18,220.00 | \$72,880.00 |
| \$26,950.00 | \$18,440.00 | \$36,880.00 |
| \$14,875.00 | \$18,505.00 | \$18,505.00 |
| \$16,275.00 | \$18,795.00 | \$18,795.00 |
| \$21,875.00 | \$18,815.00 | \$18,815.00 |
| \$95,480.00 | \$8,609.00 | \$68,872.00 |
| \$11,935.00 | \$4,648.00 | \$4,648.00 |
| \$162,085.00 | \$12,060.00 | \$132,660.00 |
| \$9,170.00 | \$7,742.00 | \$7,742.00 |
| \$7,385.00 | \$2,920.00 | \$2,920.00 |
| \$32,725.00 | \$2,606.00 | \$28,666.00 |
| \$7,700.00 | \$1,858.00 | \$20,438.00 |
| \$6,300.00 | \$1,858.00 | \$16,722.00 |
| \$133,518.00 | \$775.00 | \$79,050.00 |
| \$4,410.00 | \$179.00 | \$6,265.00 |
| \$182,336.00 | \$180.00 | \$213,120.00 |
| \$57,120.00 | \$277.00 | \$56,508.00 |
| \$110,208.00 | \$55.00 | \$54,120.00 |
| \$79,002.00 | \$47.00 | \$58,938.00 |
| \$291,070.50 | \$57.00 | \$249,489.00 |
| \$2,240.00 | \$877.00 | \$877.00 |
| \$2,142.00 | \$157.00 | \$942.00 |
| \$21,014.00 | \$32.00 | \$48,032.00 |
| \$216,720.00 | \$160.00 | \$309,600.00 |
| \$6,174.00 | \$176.00 | \$8,624.00 |
| \$255,360.00 | \$210.00 | \$319,200.00 |
| \$138,180.00 | \$209.00 | \$206,283.00 |
| \$11,872.00 | \$55.00 | \$5,830.00 |
| \$21,042.00 | \$166.00 | \$27,722.00 |
|  |  |  |

Rognes Corp. Ankeny, IA

> BID SECURITY
> $10 \%$ BID PRICE

## UNIT

| ITEM | DESCRIPTION | QUANTITY | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | UNIT PRICE | AMOUNT | $\begin{aligned} & \text { UNIT } \\ & \text { PRICE } \end{aligned}$ | AMOUNT | $\begin{aligned} & \text { UNIT } \\ & \text { PRICE } \end{aligned}$ | AMOUNT |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 0053 | SIDEWALK DEEP PENETRATING WATER REPELLANT | 42255 SF | \$1.00 | \$42,255.00 | \$1.10 | \$46,480.50 | \$0.70 | \$29,578.50 | \$1.00 | \$42,255.00 | \$0.10 | \$4,225.50 |
| 0054 | FULL DEPTH PATCHES, PCC | 80 SY | \$150.00 | \$12,000.00 | \$150.00 | \$12,000.00 | \$180.00 | \$14,400.00 | \$280.00 | \$22,400.00 | \$117.00 | \$9,360.00 |
| 005 | TEMP DRIVEWAYS, HMA MILLINGS | 500 TON | \$40.00 | \$20,000.00 | \$48.00 | \$24,000.00 | \$30.00 | \$15,000.00 | \$42.00 | \$21,000.00 | \$55.00 | \$27,500.00 |
| 0056 | MILLING | 3018 SY | \$3.00 | \$9,054.00 | \$3.85 | \$11,619.30 | \$7.00 | \$21,126.00 | \$7.0 | \$21,126.00 | \$8.00 | \$24,144.00 |
| 0057 | PAVEMENT REMOVAL, PCC | 1239 SY | \$20.00 | \$24,780.00 | \$16.00 | \$19,824.00 | \$18.00 | \$22,302.00 | \$14.00 | \$17,346.00 | \$43.00 | \$53,277.00 |
| 0058 | PAVEMENT REMOVAL, HMA | 170 SY | \$12.00 | \$2,040.00 | \$14.00 | \$2,380.00 | \$20.00 | \$3,400.00 | \$14.00 | \$2,380.00 | \$24.00 | \$4,080.00 |
| 0059 | PAVEMENT REMOVAL, COMPOSITE | 7017 SY | \$25.00 | \$175,425.00 | \$18.85 | \$132,270.45 | \$16.00 | \$112,272.00 | \$7.00 | \$49,119.00 | 25.00 | \$175,425.00 |
| 0060 | REMOVAL OF CURB AND GUTTER | 982 LF | \$15.00 | \$14,730.00 | \$14.00 | \$13,748.00 | \$12.00 | \$11,784.00 | \$21.00 | \$20,622.00 | \$36.0 | \$35,352.00 |
| 0061 | ENGINEERING FAbric | 2100 SY | \$15.00 | \$31,500.00 | \$4.75 | \$9,975.00 | \$25.00 | \$52,500.00 | \$35.00 | \$73,500.00 | \$27.00 | \$56,700.00 |
| 0062 | Storage aggregate | 775 TON | \$65.00 | \$50,375.00 | \$25.00 | \$19,375.00 | \$70.00 | \$54,250.00 | \$98.00 | \$75,950.00 | \$77.00 | \$59,675.00 |
| 0063 | FILTER AGGREGATE | 200 TON | \$55.00 | \$11,000.00 | \$65.00 | \$13,000.00 | \$70.00 | \$14,000.00 | \$98.00 | \$19,600.00 | \$77.00 | \$15,400.00 |
| 0064 | PERMEABLE INTERLOCKING PAVERS | 894 SY | \$66.00 | \$59,004.00 | \$67.00 | \$59,898.00 | \$80.00 | \$71,520.00 | \$88.00 | \$78,672.00 | \$88.00 | \$78,672.00 |
| 0065 | REMOVAL OF TROLLEY TRACKS | 2425 LF | \$50.00 | \$121,250.00 | \$25.00 | \$60,625.00 | \$35.00 | \$84,875.00 | \$50.00 | \$121,250.00 | \$31.00 | \$75,175.00 |
| 0066 | SALVAGE BRICK PAVERS | 126 SY | \$15.00 | \$1,890.00 | \$15.00 | \$1,890.00 | \$20.00 | \$2,520.00 | \$28.00 | \$3,528.00 | \$22.00 | \$2,772.00 |
| 0067 | BRICK PAVERS | 60 SY | \$100.00 | \$6,000.00 | \$94.00 | \$5,640.00 | \$165.00 | \$9,900.00 | \$231.00 | \$13,860.00 | \$181.00 | \$10,860.00 |
| 0068 | TRAFFIC SIGNALIZATION | 1 LS | \$50,000.00 | \$50,000.00 | \$102,200.00 | \$102,200.00 | \$110,000.00 | \$110,000.00 | \$99,000.00 | \$99,000.00 | \$273,675.00 | \$273,675.00 |
| 0069 | CONDUIT, TRENCHED, $11 / 2$ IN. (PLANTER LIGHTING) | 2526 LF | \$19.00 | \$47,994.00 | \$26.00 | \$65,676.00 | \$25.00 | \$63,150.00 | \$22.00 | \$55,572.00 | \$11.00 | \$27,786.00 |
| 0070 | CONDUIT, TRENCHED, 2 IN. (STREET LIGHTING) | 2526 LF | \$21.00 | \$53,046.00 | \$28.75 | \$72,622.50 | \$27.00 | \$68,202.00 | \$33.00 | \$83,358.00 | \$11.00 | \$27,786.00 |
| 0071 | HANDHOLE, SMALL | 26 EA | \$1,500.00 | \$39,000.00 | \$1,980.00 | \$51,480.00 | \$2,000.00 | \$52,000.00 | \$2,200.00 | \$57,200.0 | \$547.00 | \$14,222.00 |
| 0072 | LIGHT POLE BASE, 12-FT DEPTH | 19 EA | \$4,500.00 | \$85,500.00 | \$5,500.00 | \$104,500.00 | \$5,000.00 | \$95,000.00 | \$4,950.00 | \$94,050.00 | \$6,568.00 | \$124,792.00 |
| 0073 | REMOVABLE PREFORMED TAPE MARKINGS | 4.5 STA | \$375.00 | \$1,687.50 | \$660.00 | \$2,970.00 | \$150.00 | \$675.00 | \$315.00 | \$1,417.50 | \$752.00 | \$3,384.00 |
| 0074 | PAINTED PAVEMENT MARKINGS. SOLVENT/WATERBORNE | 99 STA | \$50.00 | \$4,950.00 | \$41.80 | \$4,138.20 | \$55.00 | \$5,445.00 | \$91.00 | \$9,009.00 | \$48.00 | \$4,752.00 |
| 0075 | PERMANENT TAPE MARKINGS | 99 STA | \$500.00 | \$49,500.00 | \$638.00 | \$63,162.00 | \$525.00 | \$51,975.00 | \$805.00 | \$79,695.00 | \$727.00 | \$71,973.00 |
| 0076 | PRECUT SYMBOLS AND LEGENDS | 15 EA | \$500.00 | \$7,500.00 | \$495.00 | \$7,425.00 | \$400.00 | \$6,000.00 | \$700.00 | \$10,500.00 | \$564.00 | \$8,460.00 |
| 0077 | PAVEMENT MARKINGS REMOVED | 4.5 STA | \$85.00 | \$382.50 | \$110.00 | \$495.00 | \$105.00 | \$472.50 | \$420.00 | \$1,890.00 | \$125.00 | \$562.50 |
| 0078 | PAINTED SYMBOLS AND LEGENDS, EPOXY | 12 EA | \$275.00 | \$3,300.00 | \$286.00 | \$3,432.00 | \$400.00 | \$4,800.00 | \$112.00 | \$1,344.00 | \$326.00 | \$3,912.00 |
| 0079 | GROOVES CUT FOR PAVEMENT MARKINGS | 99 STA | \$75.00 | \$7,425.00 | \$71.50 | \$7,078.50 | \$65.00 | \$6,435.00 | \$140.00 | \$13,860.00 | \$81.00 | \$8,019.00 |
| 0080 | GROOVES CUT FOR SYMBOLS AND LEGENDS | 15 EA | \$175.00 | \$2,625.00 | \$330.00 | \$4,950.00 | \$175.00 | \$2,625.00 | \$420.00 | \$6,300.00 | \$376.00 | \$5,640.00 |
| 0081 | SIGNS, SHEET ALUMINUM | 44 SF | \$30.00 | \$1,320.00 | \$33.00 | \$1,452.00 | \$40.00 | \$1,760.00 | \$49.00 | \$2,156.00 | \$38.00 | \$1,672.00 |
| 0082 | SIGN POSTS | 40 EA | \$150.00 | \$6,000.00 | \$220.00 | \$8,800.00 | \$225.00 | \$9,000.00 | \$245.00 | \$9,800.00 | \$251.00 | \$10,040.00 |
| 0083 | CURB DELINEATOR SIGNS | 19 EA | \$500.00 | \$9,500.00 | \$330.00 | \$6,270.00 | \$400.00 | \$7,600.00 | \$560.00 | \$10,640.00 | \$376.00 | \$7,144.00 |
| 0084 | TEMPORARY TRAFFIC CONTROL | 1 LS | \$75,000.00 | \$75,000.00 | \$115,000.00 | \$115,000.00 | \$70,000.00 | \$70,000.00 | \$82,500.00 | \$82,500.00 | \$91,205.00 | \$91,205.00 |
| 0085 | PORTABLE DYNAMIC MESSAGE SIGN | 28 CDAY | \$160.00 | \$4,480.00 | \$120.00 | \$3,360.00 | \$100.00 | \$2,800.00 | \$175.00 | \$4,900.00 | \$188.00 | \$5,264.00 |
| 0086 | TEMPORARY BARRIER RAIL, CONCRETE | 5400 LF | \$25.00 | \$135,000.00 | \$0.50 | \$2,700.00 | \$8.00 | \$43,200.00 | \$25.00 | \$135,000.00 | \$25.00 | \$135,000.00 |
| 0087 | daily lane closure | 14 DAY | \$250.00 | \$3,500.00 | \$250.00 | \$3,500.00 | \$1,000.00 | \$14,000.00 | \$700.00 | \$9,800.00 | \$626.00 | \$8,764.00 |
| 0088 | TEMPORARY BUSINESS SIGNS, SHEET ALUMINUM | 500 SF | \$10.00 | \$5,000.00 | \$5.00 | \$2,500.00 | \$10.00 | \$5,000.00 | \$42.00 | \$21,000.00 | \$25.00 | \$12,500.00 |
| 0089 | SIGN REMOVAL AND REPLACEMENT | 21 EA | \$300.00 | \$6,300.00 | \$275.00 | \$5,775.00 | \$325.00 | \$6,825.00 | \$420.00 | \$8,820.0 | \$313.00 | \$6,573.00 |
| 0090 | TEMPORARY RRFB SIGNAL | 1 EA | \$2,500.00 | \$2,500.00 | \$5,400.00 | \$5,400.00 | \$2,500.00 | \$2,500.00 | \$5,500.00 | \$5,500.00 | \$1,368.00 | \$1,368.00 |
| 0091 | INDUCTIVE LOOP DETECTOR 6'X8' | 4 EA | \$2,000.00 | \$8,000.00 | \$2,000.00 | \$8,000.00 | \$2,000.00 | \$8,000.00 | \$2,200.00 | \$8,800.00 | \$2,189.00 | \$8,756.00 |
| 0092 | PREFORMED BICYCLE LOOP DETECTOR | 1 EA | \$2,500.00 | \$2,500.00 | \$5,750.00 | \$5,750.00 | \$2,500.00 | \$2,500.00 | \$5,500.00 | \$5,500.00 | \$2,189.00 | \$2,189.00 |
| 0093 | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING | 2 AC | \$4,000.00 | \$8,000.00 | \$100.00 | \$200.00 | \$5,000.00 | \$10,000.00 | \$7,315.00 | \$14,630.00 | \$6,546.00 | \$13,092.00 |
| 0094 | STORM WATER POLLUTION PREVENTION PLAN (SWPPP) | 1 LS | \$5,000.00 | \$5,000.00 | \$7,000.00 | \$7,000.00 | \$7,000.00 | \$7,000.00 | \$9,800.00 | \$9,800.00 | \$8,769.00 | \$8,769.00 |
| 0095 | FILTER SOCKS, 12 IN. | 2000 LF | \$4.00 | \$8,000.00 | \$1.00 | \$2,000.00 | \$2.00 | \$4,000.00 | \$3.50 | \$7,000.00 | \$3.00 | \$6,000.00 |
| 0096 | INLET PROTECTION DEVICE, DROP-IN | 23 EA | \$275.00 | \$6,325.00 | \$25.00 | \$575.00 | \$200.00 | \$4,600.00 | \$259.00 | \$5,957.00 | \$232.00 | \$5,336.00 |
| 0097 | INLET PROTECTION DEVICE MAINTENANCE | 19 EA | \$55.00 | \$1,045.00 | \$5.00 | \$95.00 | \$25.00 | \$475.00 | \$35.00 | \$665.00 | \$31.00 | \$589.00 |
| 0098 | ORANGE SAFETY FENCE (RIGID) | 984 LF | \$5.50 | \$5,412.00 | \$10.00 | \$9,840.00 | \$12.00 | \$11,808.00 | \$21.00 | \$20,664.00 | \$15.00 | \$14,760.00 |
| 0099 | TEMPORARY CHAIN LINK FENCE | 2545 LF | \$6.00 | \$15,270.00 | \$6.50 | \$16,542.50 | \$6.00 | \$15,270.00 | \$7.00 | \$17,815.00 | \$11.00 | \$27,995.00 |
| 0100 | COMBINED CONCRETE SIDEWALK AND RETAINING WALL | 4.4 CY | \$1,250.00 | \$5,500.00 | \$1,000.00 | \$4,400.00 | \$2,000.00 | \$8,800.00 | \$1,680.00 | \$7,392.00 | \$3,599.00 | \$15,835.60 |
| 0101 | CONCRETE STEPS (TYPE B) | 25 SF | \$75.00 | \$1,875.00 | \$100.00 | \$2,500.00 | \$130.00 | \$3,250.00 | \$140.00 | \$3,500.00 | \$288.00 | \$7,200.00 |
| 0102 | HAND RAIL | 10 LF | \$30.00 | \$300.00 | \$360.00 | \$3,600.00 | \$330.00 | \$3,300.00 | \$462.00 | \$4,620.00 | \$359.00 | \$3,590.00 |
| 0103 | SAFETY RAIL | 72 LF | \$30.00 | \$2,160.00 | \$295.00 | \$21,240.00 | \$270.00 | \$19,440.00 | \$378.00 | \$27,216.00 | \$293.00 | \$21,096.00 |
| 0104 | 4-FT PLANTER RAIL | 660 EA | \$400.00 | \$264,000.00 | \$480.00 | \$316,800.00 | \$440.00 | \$290,400.00 | \$478.50 | \$315,810.00 | \$477.00 | \$314,820.00 |
| 0105 | URN DRAINAGE PIPING | 240 LF | \$25.00 | \$6,000.00 | \$50.00 | \$12,000.00 | \$25.00 | \$6,000.00 | \$42.00 | \$10,080.00 | \$35.00 | \$8,400.00 |
| 0106 | PLANTER URN | 24 EA | \$2,000.00 | \$48,000.00 | \$2,600.00 | \$62,400.00 | \$2,800.00 | \$67,200.00 | \$3,080.00 | \$73,920.00 | \$2,989.00 | \$71,736.00 |
| 0107 | CAST IN PLACE URN PEDESTAL | 12 CY | \$1,000.00 | \$12,000.00 | \$1,000.00 | \$12,000.00 | \$1,500.00 | \$18,000.00 | \$1,320.00 | \$15,840.00 | \$1,601.00 | \$19,212.00 |
| 0108 | bench | 24 EA | \$2,500.00 | \$60,000.00 | \$2,500.00 | \$60,000.00 | \$2,600.00 | \$62,400.00 | \$2,970.00 | \$71,280.00 | \$3,625.00 | \$87,000.00 |
| 0109 | TRASH RECEPTACLE | 8 EA | \$2,800.00 | \$22,400.00 | \$3,200.00 | \$25,600.00 | \$3,800.00 | \$30,400.00 | \$4,180.00 | \$33,440.00 | \$4,401.00 | \$35,208.00 |
| 0110 | bike rack | 11 EA | \$800.00 | \$8,800.00 | \$950.00 | \$10,450.00 | \$1,000.00 | \$11,000.00 | \$1,100.00 | \$12,100.00 | \$2,046.00 | \$22,506.00 |
| 0111 | UNIT PAVERS | 870 SF | \$20.00 | \$17,400.00 | \$16.20 | \$14,094.00 | \$18.00 | \$15,660.00 | \$16.50 | \$14,355.00 | \$20.00 | \$17,400.00 |
| 0112 | RAISED PLANTER CURB | 3572 LF | \$55.00 | \$196,460.00 | \$60.00 | \$214,320.00 | \$70.00 | \$250,040.00 | \$66.00 | \$235,752.00 | \$55.00 | \$196,460.00 |
| 0113 | REINFORCED INTEGRAL SIDEWALK CURB | 804 LF | \$55.00 | \$44,220.00 | \$60.00 | \$48,240.00 | \$67.00 | \$53,888.00 | \$66.00 | \$53,064.00 | \$46.00 | \$36,984.00 |
| 0114 | AMENDED SOIL | 400 CY | \$80.00 | \$32,000.00 | \$72.00 | \$28,800.00 | \$100.00 | \$40,000.00 | \$126.00 | \$50,400.00 | \$190.00 | \$76,000.00 |
| 0115 | STREETSCAPE PLANTINGS | 10200 SF | \$8.00 | \$81,600.00 | \$6.30 | \$64,260.00 | \$8.00 | \$81,600.00 | \$7.00 | \$71,400.00 | \$11.00 | \$112,200.00 |


| ITEM |  |
| :--- | :--- |
| 0116 | OVERSTORY TREE |
| 0117 | TEMPORARY IRRIGATION |
| 0118 | BIKE REST BAR |
| 0119 | BUS SHELTER FOUNDATION |
| 0120 | BRICK CHIPS |
| 0121 | MOBILIZATION |
| 0122 | COMPLETION INCENTIVE, LUMP SUM, NO EXCUSE |
|  | TOTAL CONSTRUCTION COST |

PERCENT OF ENGINEER'S ESTIMATE

|  | UNIT |  | UNIT |  | UNIT |  | UNIT |  | UNIT |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| QUANTITY | PRICE | AMOUNT | PRICE | AMOUNT | PRICE | AMOUNT | PRICE | AMOUNT | PRICE | AMOUNT |
| 76 EA | \$600.00 | \$45,600.00 | \$522.50 | \$39,710.00 | \$650.00 | \$49,400.00 | \$665.00 | \$50,540.00 | \$547.00 | \$41,572.00 |
| $1 \mathrm{E}+05 \mathrm{GAL}$ | \$0.25 | \$25,000.00 | \$0.01 | \$1,000.00 | \$0.10 | \$10,000.00 | \$0.10 | \$10,000.00 | \$1.00 | \$100,000.00 |
| 2 EA | \$1,500.00 | \$3,000.00 | \$2,100.00 | \$4,200.00 | \$2,100.00 | \$4,200.00 | \$2,835.00 | \$5,670.00 | \$2,046.00 | \$4,092.00 |
| 3 LS | \$4,000.00 | \$12,000.00 | \$3,500.00 | \$10,500.00 | \$4,000.00 | \$12,000.00 | \$7,000.00 | \$21,000.00 | \$5,518.00 | \$16,554.00 |
| 20 CY | \$210.00 | \$4,200.00 | \$302.50 | \$6,050.00 | \$230.00 | \$4,600.00 | \$322.00 | \$6,440.00 | \$252.00 | \$5,040.00 |
| 1 LS | \$438,243.00 | \$438,243.00 | \$419,000.00 | \$419,000.00 | \$585,000.00 | \$585,000.00 | \$166,000.00 | \$166,000.00 | \$1,500,000.00 | \$1,500,000.00 |
| 1 LS | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 | \$150,000.00 |
|  | \$5,350,000.00 |  |  | \$5,258,518.95 |  | \$6,104,159.00 |  | \$6,186,879.50 | \$8,399,794.80$+59.74 \%$ |  |
|  |  |  | -1.71\% |  |  | +14.10\% |  | +15.64\% |  |  |

