

DATE January 24, 2022

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON CLOSES CREEK STORM SEWER IMPROVEMENTS PHASE 3; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS S. M. HENTGES & SONS INC., STEVEN M. HENTGES, PRESIDENT, \$8,376,076.22

WHEREAS, on December 6, 2021, under Roll Call No. 21-1787, 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:

Closes Creek Storm Sewer Improvements Phase 3, 082021005

The improvement includes constructing new 6-feet by 4-feet Reinforced Concrete Box (RCB) storm sewer, 15-inch to 72-inch Reinforced Concrete Pipe (RCP) storm sewer, precast manholes, cast-in-place manholes and intakes, 8-inch to 12-inch Ductile Iron (DI) sanitary sewer, Polypropylene Pipe (PP) storm sewer, Poly Vinyl Chloride (PVC) water main, Portland Cement Concrete (PCC) pavement, Hot-Mix Asphalt (HMA) paving, PCC curb and gutter, subdrain and footing drains, traffic signalization, earthwork and grading, erosion control, fencing, restoration, and other associated and incidental items; all in accordance with contract documents, including Plan File No. 637-001/151, generally located on Hazelwood Drive from Northwest Drive to Franklin Avenue, Franklin Avenue from Beaver Avenue to 48th Street, and 48th Street from Franklin Avenue to Hickman Road, 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:

S. M. Hentges & Sons Inc., Jordan, MN Low Bid Progressive Structures, LLC, Elkader, IA Synergy Contracting, LLC, Altoona, IA Raccoon Valley Contractors, LLC., Waukee, IA Rognes Corp., Ankeny, IA Corell Contractor, Inc., West Des Moines, 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 December 21, 2021. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.



Agenda Item Number

DATE January 24, 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 S. M. Hentges & Sons Inc., Steven M. Hentges, President, 650 Quaker Avenue, Suite 200, Jordan, MN, 55352 in the amount of \$8,376,076.22, 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

to adopt.

(Council Communication No. 22-017)

FORM APPROVED:

sKathleen Vanderpool

Kathleen Vanderpool Deputy City Attorney **FUNDS AVAILABLE**

s/Nickolas J. Schaul

Nickolas J. Schaul Director of Finance

Funding Source: 2021-2022 CIP, Page 98, Closes Creek Watershed Improvements, SM068, Being: \$2,500,000 of Stormwater Utility Bonds Issued; \$4,402,133.22 Stormwater Utility Bonds to be issued, \$1,100,000 in G.O. bonds to be issued transferred from ST286 - Franklin Ave - Beaver Ave to Merle Hay Road, and the remaining \$373,943 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT	I, P. Kay Cmelik, City Clerk of said City
COWNIE					Council, hereby certify that at a meeting of the
BOESEN					City Council, held on the above date, among other proceedings the above was adopted.
GATTO					
MANDELBAUM					IN WITNESS WHEREOF, I have hereunto set
SHEUMAKER					my hand and affixed my seal the day and year
VOSS					first above written.
WESTERGAARD					
TOTAL					
MOTION CARRIED				APPROVED	
				Mayo	r City Cler

DEPARTMENT OF ENGINEERING Andry ID 05 2021021 Bit Date: 122/2021 Did Date: 122/2021 <th< th=""><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>21</th></th<>											21
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PROJECT: CLOSES GREEK STORM SEVER MURROVEMENTS PHAGE 3 10% RB dend 10% RB dend 10% RB dend	ΤΑΒΙ	JLATED BY: N Smith APPROVED BY P. Way	Bid Date:	12/21/2021				-			
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13 Santary Sewer Gravity Main, Trenched, DIP, 6" 30 15 \$275.00 \$14,650.00 \$14,650.00 \$272.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00 \$287.00<		•					Concernance and the second second second				
16 Samilary Sewer Cravity Main, Trenched, DIP, 10" 143 LP \$300.00 \$42,500.00 \$576,704.00 \$305.00 \$77,274.00 \$305.00 \$77,274.00 \$305.00 \$77,274.00 \$305.00 \$77,274.00 \$305.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,250.00 \$74,2											
15 Sanitary Server Gravity Main, Trenched, DP, 12" 30 LF \$\$10,000 \$\$17,200 \$\$17,200,00 \$\$17,200,00 \$\$17,200,00 \$\$17,200,00 \$\$2,550,00 \$\$4,410,00 \$\$14,650,00 \$\$4,410,00 \$\$10,650,00 \$\$4,410,00 \$\$10,650,00 \$\$10,650,00 \$\$10,650,00 \$\$10,650,00 \$\$10,00 \$\$2,550,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,510,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00 \$\$24,500,00		the set of									
16 Santary Service Replacement 41 EA 65,000.00 \$1,790.00 \$73,380.00 \$2,550.00 \$14,450.00 \$4,410.00 \$180,810.00 17 Storm Sewer, Trenched, 18 in 203 LF \$175.00 \$352,550.0 \$44,410.00 \$18,656.00 \$292,370.00 \$242,400.00 \$44,640.00 \$18,666.00 \$292,370.00 \$222,00 \$52,570.00 \$324,200.00 \$322,00.00 \$324,240.00 \$322,00.00 \$324,240.00 \$324,200.00 \$324,400.00 \$34,610.00 \$34,469.00.0 \$34,469.00.00 \$34,469.00.0 \$34,610.00 \$344,080.00 \$34,469.00 \$34,469.00 \$34,610.00 \$34,610.00 \$34,400.00 \$36,070.00 \$322,400.00 \$34,070.00 \$322,400.00 \$34,070.00 \$34,070.00 \$324,400.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00 \$34,070.00					A STATE OF A		CONCORDER NO. INCOMENDATION				
17 Storm Sewer, Trenched, 15 in Stord Sewer, Trenched, 24 in Stord Sewer, Trenched, 72, 30 in, Class IV 28 trend Sewer, Trenched, 72, 30 in, Class IV 28 trend Sewer, Trenched, RCP, 36 in Stord Sewer, Trenched, RCP, 36 in, Class IV 28 trend Sewer, Trenched, RCP, 36 in, Class IV 124 to Stord Sewer, Trenched, RCP, 36 in, Class IV 124 to Stord Sewer, Trenched, RCP, 36 in, Class IV 124 to Stord Sewer, Trenched, RCP, 36 in, Class IV 124 to Stord Sewer, Trenched, RCP, 36 in, Class IV 144 to Stord Sewer, Trenched, RCP, 72 in, Class IV 144 to Stord Sewer, Trenched, RCP, 86 in, Class IV 144 to F \$475,00 \$573,075,00 \$543,00 \$486,001 do \$566,000.00 \$427,000 \$542,800.00 \$447,00.00 \$566,000.00 \$427,000 \$542,800.00 \$11,901.00 \$566,900.00 \$427,000 \$566,900.00 \$566,900.00 \$566,900.00 \$572,007.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,900.00 \$14,											
18 Storn Sewer, Trenched, 19 in 203 LF \$170.00 \$3170.00 \$34,410.00 \$24,420.00 19 Storn Sewer, Trenched, RCP, 30 in, Class IV 22 LF \$220.00 \$31,260.00 \$31,260.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$32,20.00 \$34,40.00 \$24,40.00 \$24,00.00 \$22,40.0.00 \$34,60.00 \$34,70.00 \$47,40.00 \$34,40.00 \$46,03.00 \$47,40.00 \$34,40.00 \$46,03.00 \$47,40.00 \$34,40.00 \$34,60.00 \$34,40.00 \$34,60.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 \$34,40.00 <td></td>											
19 Storm Sawer, Trenched, 24 in 153 LF \$220.00 \$122.00 \$122.00 \$122.00 \$122.00 \$207.300.00 \$223.00.00 \$223.00.00 \$223.00.00 \$223.00.00 \$223.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$232.00.00 \$318.00.00 \$314.00.00 \$244.05.30.00 \$244.05.30.00 \$244.05.30.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 \$242.00.00 </td <td></td>											
20 Storm Sewer, Trenched, RCP, 36 in, Class IV 26 LF \$\$220.00 \$\$272.00 \$\$222.00 \$\$195.00 \$\$195.00 \$\$195.00 \$\$18,200.00 \$\$43,270.00 21 Storm Sewer, Trenched, RCP, 36 in, Class IV 1234 LF \$280.00 \$\$12,000.00 \$\$14,000.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,063.00 \$\$244,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$246,00.00 \$\$1,40.00 \$\$246,00.00 \$\$1,40.00 \$\$246,00.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,550.00 \$\$1,40.00 \$\$1,550.00 \$\$1,550.00 \$\$1,550.00 \$\$1,550.00 \$\$1,550.00											
21 Storm Sewer, Trenched, RCP, 36 in, Class IV 124 LF \$\$240.00 \$\$19,920.00 \$\$19,920.00 \$\$14,840.0 \$\$224.00 \$\$240.00 \$\$280,480.0 \$\$240.00 \$\$268,180.00 \$\$342,400 \$\$342,400.0 \$\$342,400.0 \$\$342,400.0 \$\$342,400.0 \$\$342,400.0 \$\$342,000 \$\$342,000 \$\$476,00 \$\$476,500 \$\$342,000 \$\$342,000 \$\$342,000 \$\$460,00 \$\$476,00 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$342,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 \$\$346,000 <td></td>											
22 Storm Sewer, Trenched, RCP, 36 in, Class IV 124 LF \$260.00 \$196.00 \$241,864.00 \$241,864.00 \$244,068.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,083.00 \$440,00 \$222,000.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 \$1,450.00 <t< td=""><td>21</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$343.00</td><td>\$28,469.00</td></t<>	21									\$343.00	\$28,469.00
24 Storm Sewer, Trenched, RC, Pd in, Class IV 147 LF \$470.00 \$573.075.00 \$343.00 \$486.031.00 \$566.800.00 \$747.00 \$566.800.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$747.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00 \$717.600.00	22	Storm Sewer, Trenched, RCP, 36 in, Class IV	1234 LF	\$260.00	\$320,840.00	\$196.00	\$241,864.00	\$240.00	\$296,160.00	\$357.00	\$440,538.00
25 Storm Sewer, Trenched, RCP, 72 in, Class IV 149 LF \$800.00 \$89,400.00 \$57,910.00 \$500.00 \$74,500.00 \$74,400.00 \$71,600.00 \$74,600.00 \$74,600.00 \$74,600.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,440.00 \$720,000.00 \$1,420.00 \$652,000.00 \$22,810.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22,800.00 \$22	23	Storm Sewer, Trenched, DIP, 36 in	32 LF	\$350.00	\$11,200.00	\$460.00	\$14,720.00	\$475.00	\$15,200.00	\$700.00	\$22,400.00
26 Storm Sewer, Trenchless, RCP, 36 in 170 LF \$1,250.00 \$21,260.00 \$1,450.00 \$244,500.00 \$1,410.00 \$224,500.00 27 Storm Sewer, Trenchless, RCP, 26 in 500 LF \$1,750.00 \$817,000.00 \$1,450.00 \$244,500.00 \$1,440.00 \$222,000.00 \$1,450.00 \$1,450.00 \$1,440.00 \$246,500.00 \$1,440.00 \$246,500.00 \$1,440.00 \$246,500.00 \$1,440.00 \$246,500.00 \$1,440.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$1,450.00 \$246,500.00 \$246,500.00 \$246,500.00 \$246,000 \$250.00 \$26,500.00 \$26,500.00 \$26,500.00 \$26,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00 \$22,500.00	24	Storm Sewer, Trenched, RCP, 60 in, Class IV	1417 LF	\$475.00	\$673,075.00	\$343.00	\$486,031.00	\$400.00	\$566,800.00	\$427.00	\$605,059.00
27 Storm Sewer, Trenchless, RCP, 60 in 500 LF \$1,750.00 \$1,750.00 \$720,000.00 \$1,550.00 \$775,000.00 \$1,430.00 \$754,000.00 28 Storm Sewer, Trenchless, RCP, 72 in 380 LF \$\$2,220.00 \$\$10,000.00 \$\$1,460.00 \$\$25,560.00 \$\$1,375.00 \$\$495,000.00 \$\$1,430.00 \$\$54,400.00 29 Removal of Storm Sewer, RCP, ~30 in 62 LF \$\$400.00 \$\$2,480.00 \$\$20,000 \$\$32,028.00 \$\$31,00 \$\$25,600.00 \$\$22,000 \$\$22,280.00 \$\$22,000 \$\$22,280.00 \$\$24,800.01 \$\$27,704.00 \$\$22,280.00 \$\$24,800.01 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$22,000 \$\$24,000 <t< td=""><td>25</td><td>Storm Sewer, Trenched, RCP, 72 in, Class IV</td><td>149 LF</td><td>\$600.00</td><td>\$89,400.00</td><td>\$590.00</td><td></td><td></td><td></td><td></td><td></td></t<>	25	Storm Sewer, Trenched, RCP, 72 in, Class IV	149 LF	\$600.00	\$89,400.00	\$590.00					
28 Storm Sewer, Trenchless, RCP, 72 in 360 LF \$2,2500 \$810,000.00 \$1,460.00 \$51,37500 \$495,00000 \$1,540.00 \$554,400.00 29 Removal of Storm Sewer, RCP, ~30 in 118 LF \$300.00 \$31,300 \$36,76600 \$300.00 \$35,58000 \$32,22800 \$32,22800 \$32,22800 \$22,22000 \$42.00 \$52,64000 \$2,24200 \$32,22800 \$22,22000 \$42.00 \$52,64000 \$2,22800 \$2,22800 \$2,22800 \$2,22800 \$2,22800 \$2,22800 \$2,28000 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,28200 \$2,08000 \$2,08000 \$2,08000 \$2,08000 \$2,08000 \$2,08000 \$1,09000 \$2,08000 \$1,09000 \$1,09000 \$1,09000 \$1,09000	26										
29 Removal of Storm Sewer, RCP, =<30 in				· · · · · · · · · · · · · · · · · · ·							
30 Removal of Storm Sewer, RCP, >36 in 62 LF \$40,00 \$2,480,00 \$52,00 \$3,224,00 \$36,00 \$2,232,00 \$2,604,00 31 Storm Sewer Abandomment, Fill and Plug 49 CY \$125,00 \$61,125,00 \$529,00,00 \$228,910,00 \$2250,00 \$228,00,00 \$228,00,00 \$226,00,00 \$274,412,00 \$260,00,00 \$36,00,00 \$74,243,00 \$864,00,00 \$74,744,00 \$865,00,00 \$867,704,00 \$895,00,00 \$820,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 \$865,00,00 <td></td>											
31 Storm Sever Abandonment, Fill and Plug 49 CY \$125.00 \$561,25.00 \$20,910.00 \$225,000 \$225,000 \$280.00 \$12,250.00 \$280.00 \$240.00 \$77,430.00 \$935.00 \$72,930.00 \$954.00 \$74,412.00 \$20.00 \$868,00.00 \$265.00 \$70,000 \$935.00 \$26,00.00 \$20.00 \$868,00.00 \$20.00 \$868,00.00 \$20.00 \$865,00.00 \$20.00 \$865,00.00 \$20.00 \$865,00.00 \$20.00 \$865,00.00 \$20.00 \$865,00.00 \$20.00 \$864,052.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$20.00 \$846,50.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$10.00 \$11.90.00 \$20.00.00 \$890.00 \$11.90.00 \$11.90.00 \$10.00 \$10.00 \$10.00 \$10.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 \$11.90.00 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>the second se</td><td></td><td></td></t<>									the second se		
32 Reinforced Concrete Box (RCB), Single Cell, 6 ft x 4 ft 78 LF \$850.00 \$66,300.00 \$868.00 \$67,704.00 \$935.00 \$72,930.00 \$954.00 \$240.00 \$56,800.00 33 Subdrain, Type 1, 8 in 2840 LF \$30.00 \$852,200.00 \$226.50 \$75,260.00 \$202.00 \$56,800.00 \$202.00 \$56,800.00 \$202.00 \$56,800.00 \$202.00 \$56,800.00 \$202.00 \$56,800.00 \$202.00 \$50.00 \$109,444.00 \$56,000.00 \$200.00 \$109,440.00 \$50.000 \$200.00 \$109,440.00 \$50.000 \$7,000.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$100.00 \$1,600.00 \$100.00 \$1,600.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00											
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35 Subdrain Cleanout, Type A-1, 6 in 14 EA \$1,000.00 \$14,000.00 \$700.00 \$9,800.00 \$1,225.00 \$17,150.00 \$500.00 \$7,000.00 36 Subdrain Outlet and Connections, 8 in 32 EA \$1,000.00 \$32,000.00 \$889.00 \$28,480.00 \$480.00 \$15,360.00 \$1,500.00 \$48,000.00 37 Footing Drain Outlet and Connection, 12 in 2 EA \$1,000.00 \$2,000.00 \$895.00 \$1,790.00 \$900.00 \$1,800.00 \$2,400.00 \$48,000.00 38 Storm Sewer Service Stub 10 EA \$1,250.00 \$1,640.00 \$1,000.00 \$900.00 \$900.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 \$7.00 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>the second second second second second</td> <td></td> <td></td>									the second second second second second		
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44Fittings By Weight, Ductile Iron2600 LB\$15.00\$39,000.00\$14.60\$37,960.00\$12.50\$32,500.00\$21.00\$54,600.0045Valve, Gate, DIP, 8 IN10 EA\$1,000.00\$10,000.00\$2,225.00\$22,250.00\$28,500.00\$28,500.00\$2,870.00\$28,700.0046Fire Hydrant Assembly6 EA\$6,000.00\$36,000.00\$7,800.00\$46,800.00\$7,850.00\$47,100.00\$10,920.00\$65,520.0047Foundation Rock25 TON\$35.00\$875.00\$47.00\$1,175.00\$50.00\$1,250.00\$1,82.00\$4,650.0048Thrust Block - Midspan, Pipe 8"3 EA\$2,500.00\$7,500.00\$1,790.00\$5,370.00\$2,000.00\$6,000.00\$4,200.00\$12,600.00						\$243.00	\$9,720.00	\$378.00	\$15,120.00	\$574.00	\$22,960.00
46 Fire Hydrant Assembly 6 EA \$6,000.00 \$36,000.00 \$7,800.00 \$46,800.00 \$7,850.00 \$47,100.00 \$10,920.00 \$65,520.00 47 Foundation Rock 25 TON \$35.00 \$875.00 \$41,175.00 \$10,920.00 \$45,500.00 48 Thrust Block - Midspan, Pipe 8" 3 EA \$2,500.00 \$7,500.00 \$1,790.00 \$5,370.00 \$2,000.00 \$4,200.00 \$12,600.00		resolutions interview interview - in the last we resolutions for its and its and its and its and its and its and		\$15.00	\$39,000.00	\$14.60	\$37,960.00	\$12.50	\$32,500.00	\$21.00	
47 Foundation Rock 25 TON \$35.00 \$875.00 \$47.00 \$1,175.00 \$50.00 \$1,250.00 \$182.00 \$4,550.00 48 Thrust Block - Midspan, Pipe 8" 3 EA \$2,500.00 \$7,500.00 \$1,790.00 \$5,370.00 \$2,000.00 \$6,000.00 \$42,200.00 \$12,600.00	45	Valve, Gate, DIP, 8 IN	10 EA	\$1,000.00	\$10,000.00	\$2,225.00	\$22,250.00	\$2,850.00	\$28,500.00	\$2,870.00	\$28,700.00
48 Thrust Block - Midspan, Pipe 8" 3 EA \$2,500.00 \$7,500.00 \$1,790.00 \$5,370.00 \$2,000.00 \$6,000.00 \$4,200.00 \$12,600.00	46	Fire Hydrant Assembly	6 EA	\$6,000.00	\$36,000.00	\$7,800.00	\$46,800.00	\$7,850.00	\$47,100.00	\$10,920.00	
	47	Foundation Rock			- and the second second		and the second sec				
49 1" Water Service Transfer, Opposite Side 4 EA \$3,500.00 \$14,000.00 \$4,600.00 \$18,400.00 \$4,600.00 \$18,400.00 \$6,020.00 \$24,080.00											
	49	1" Water Service Transfer, Opposite Side	4 EA	\$3,500.00	\$14,000.00	\$4,600.00	\$18,400.00	\$4,600.00	\$18,400.00	\$6,020.00	\$24,080.00

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			UNIT		UNIT		UNIT		UNIT	
ITEN	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
	1" Water Service Transfer, Same Side	14 EA	\$2,500.00	\$35,000.00	\$3,450.00	\$48,300.00	\$2,250.00	\$31,500.00	\$3,325.00	\$46,550.00
51	Water Service Tap	18 EA	\$1,500.00	\$27,000.00	\$465.00	\$8,370.00	\$2,100.00	\$37,800.00	\$70.00	\$1,260.00
52		3 EA	\$6,500.00	\$19,500.00	\$3,500.00	\$10,500.00	\$6,400.00	\$19,200.00	\$3,955.00	\$11,865.00
53	Manhole, Type SW-401, 60 in	2 EA	\$7,500.00	\$15,000.00	\$5,900.00	\$11,800.00	\$9,100.00	\$18,200.00	\$7,665.00	\$15,330.00
54		1 EA	\$8,500.00	\$8,500.00	\$12,200.00	\$12,200.00	\$15,500.00	\$15,500.00	\$7,980.00	\$7,980.00
55		1 EA	\$10,000.00	\$10,000.00	\$12,200.00	\$12,200.00	\$1,550.00	\$1,550.00	\$16,835.00	\$16,835.00
56		1 EA	\$20,000.00	\$20,000.00 \$22,000.00	\$14,700.00 \$15,700.00	\$14,700.00 \$15,700.00	\$21,500.00 \$23,000.00	\$21,500.00 \$23,000.00	\$14,560.00 \$17,395.00	\$14,560.00 \$17,395.00
57 58		1 EA 1 EA	\$22,000.00 \$40,000.00	\$22,000.00	\$33,800.00	\$33,800.00	\$42,500.00	\$42,500.00	\$55,895.00	\$55,895.00
59	the second s	1 EA	\$50,000.00	\$50,000.00	\$48,200.00	\$48,200.00	\$43,000.00	\$43,000.00	\$64,575.00	\$64,575.00
60	Manhole, Type SW-404, 10 ft x 6 ft, 48 in Riser	1 EA	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$43,000.00	\$43,000.00	\$72,975.00	\$72,975.00
61	Manhole, Type SW-404, 10 ft x 6 ft, 60 in Riser	1 EA	\$65,000.00	\$65,000.00	\$50,000.00	\$50,000.00	\$45,500.00	\$45,500.00	\$82,495.00	\$82,495.00
62		3 EA	\$75,000.00	\$225,000.00	\$68,000.00	\$204,000.00	\$48,000.00	\$144,000.00	\$86,975.00	\$260,925.00
63		5 EA	\$15,000.00	\$75,000.00	\$21,000.00	\$105,000.00	\$16,500.00	\$82,500.00	\$12,880.00	\$64,400.00
64	the second se	2 EA	\$20,000.00	\$40,000.00	\$18,000.00	\$36,000.00	\$17,000.00 \$11,500.00	\$34,000.00 \$195,500.00	\$15,645.00 \$18,235.00	\$31,290.00
65 66		17 EA 2 EA	\$10,000.00 \$15,000.00	\$170,000.00 \$30,000.00	\$14,000.00 \$19,000.00	\$238,000.00 \$38,000.00	\$11,500.00 \$14,500.00	\$29,000.00	\$22,925.00	\$309,995.00 \$45,850.00
67	Intake, Type SW-509	12 EA	\$15,000.00	\$180,000.00	\$16,000.00	\$192,000.00	\$16,000.00	\$192,000.00	\$28,490.00	\$341,880.00
68	And the second	2 EA	\$15,000.00	\$30,000.00	\$12,350.00	\$24,700.00	\$18,500.00	\$37,000.00	\$31,990.00	\$63,980.00
69	Intake, Type SW-541, Modified	1 EA	\$15,000.00	\$15,000.00	\$12,850.00	\$12,850.00	\$18,500.00	\$18,500.00	\$35,490.00	\$35,490.00
70		2 EA	\$3,000.00	\$6,000.00	\$8,300.00	\$16,600.00	\$18,500.00	\$37,000.00	\$35,490.00	\$70,980.00
71	Intake, Type SW-545, 12 ft Curb Opening	1 EA	\$15,000.00	\$15,000.00	\$17,400.00	\$17,400.00	\$18,500.00	\$18,500.00	\$35,490.00	\$35,490.00
72		1 EA	\$17,500.00	\$17,500.00	\$17,500.00	\$17,500.00	\$20,000.00	\$20,000.00	\$35,490.00	\$35,490.00
73		1 EA	\$2,500.00	\$2,500.00	\$5,950.00	\$5,950.00	\$2,300.00	\$2,300.00	\$4,900.00	\$4,900.00
74	1993 March 1993 Control Contro	14 EA	\$2,500.00	\$35,000.00	\$3,650.00	\$51,100.00	\$2,800.00	\$39,200.00	\$3,150.00	\$44,100.00
75 76	0	2 EA 1 EA	\$2,500.00 \$10,000.00	\$5,000.00 \$10,000.00	\$3,100.00 \$13,250.00	\$6,200.00 \$13,250.00	\$2,600.00 \$14,000.00	\$5,200.00 \$14,000.00	\$7,000.00 \$10,500.00	\$14,000.00 \$10,500.00
70		2 EA	\$2,500.00	\$5,000.00	\$2,000.00	\$4,000.00	\$6,000.00	\$12,000.00	\$10,500.00	\$21,000.00
78	Connection to Existing Manhole	1 EA	\$2,500.00	\$2,500.00	\$2,100.00	\$2,100.00	\$3,800.00	\$3,800.00	\$7,000.00	\$7,000.00
79	Second Contraction Contraction and Contraction Contraction Contraction Contraction Contraction	17 EA	\$1,000.00	\$17,000.00	\$1,350.00	\$22,950.00	\$1,100.00	\$18,700.00	\$700.00	\$11,900.00
80	Remove Manhole, Standard	9 EA	\$1,500.00	\$13,500.00	\$1,350.00	\$12,150.00	\$1,100.00	\$9,900.00	\$700.00	\$6,300.00
81	Pavement, PCC, 8 in	7502 SY	\$75.00	\$562,650.00	\$79.00	\$592,658.00	\$76.00	\$570,152.00	\$88.00	\$660,176.00
82		1750 LF	\$45.00	\$78,750.00	\$37.50	\$65,625.00	\$28.00	\$49,000.00	\$26.00	\$45,500.00
83	PCC Pavement Samples and Testing	1 LS	\$6,000.00	\$6,000.00	\$10,000.00	\$10,000.00	\$8,500.00	\$8,500.00	\$5,500.00	\$5,500.00
84		3338 SY 3338 SY	\$30.00 \$20.00	\$100,140.00 \$66,760.00	\$21.50 \$10.50	\$71,767.00 \$35,049.00	\$25.00 \$15.00	\$83,450.00 \$50,070.00	\$22.00 \$11.00	\$73,436.00 \$36,718.00
85 86	Pavement, 2" HMA ST Intermediate, 3/4" Mix, PG 58-28 S Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 V	1200 TON	\$20.00 \$110.00	\$132,000.00	\$96.00	\$115,200.00	\$105.00	\$126,000.00	\$86.00	\$103,200.00
87		1 LS	\$4,750.00	\$4,750.00	\$715.00	\$715.00	\$1,750.00	\$1,750.00	\$1,870.00	\$1,870.00
88	Removal of Sidewalk	1017 SY	\$15.00	\$15,255.00	\$4.00	\$4,068.00	\$25.00	\$25,425.00	\$14.00	\$14,238.00
89	Removal of Driveway	543 SY	\$15.00	\$8,145.00	\$4.00	\$2,172.00	\$30.00	\$16,290.00	\$14.00	\$7,602.00
90	Sidewalk, PCC, 4 in	1488 SY	\$45.00	\$66,960.00	\$57.00	\$84,816.00	\$58.00	\$86,304.00	\$49.50	\$73,656.00
91	Sidewalk, PCC, 6 in	225 SY	\$60.00	\$13,500.00	\$67.00	\$15,075.00	\$70.00	\$15,750.00	\$66.00	\$14,850.00
92	U U U U U U U U U U U U U U U U U U U	368 SF	\$50.00	\$18,400.00	\$48.00	\$17,664.00	\$65.00	\$23,920.00	\$60.50	\$22,264.00
93	Driveway, Paved, PCC, 6 in	647 SY	\$60.00	\$38,820.00	\$67.00	\$43,349.00	\$75.00	\$48,525.00	\$66.00	\$42,702.00
94 95	Full Depth Patches, Composite Milling	760 SY 6003 SY	\$125.00 \$5.00	\$95,000.00 \$30,015.00	\$103.00 \$4.00	\$78,280.00 \$24,012.00	\$235.00 \$5.00	\$178,600.00 \$30,015.00	\$137.50 \$4.00	\$104,500.00 \$24,012.00
	Pavement Removal	10334 SY	\$15.00	\$155,010.00	\$6.75	\$69,754.50	\$19.00	\$196,346.00	\$14.00	\$144,676.00
97	Curb and Gutter Removal	242 LF	\$15.00	\$3,630.00	\$12.50	\$3,025.00	\$20.00	\$4,840.00	\$14.00	\$3,388.00
	Traffic Signalization	1 LS	\$160,000.00	\$160,000.00	\$200,000.00	\$200,000.00	\$215,000.00	\$215,000.00	\$212,300.00	\$212,300.00
99	Painted Pavement Markings, Solvent/Waterborne	125 STA	\$60.00	\$7,500.00	\$71.50	\$8,937.50	\$80.00	\$10,000.00	\$105.00	\$13,125.00
100	Painted Pavement Markings, Durable	5 STA	\$350.00	\$1,750.00	\$490.00	\$2,450.00	\$765.00	\$3,825.00	\$1,015.00	\$5,075.00
	Permanent Tape Markings	95 STA	\$500.00	\$47,500.00	\$560.00	\$53,200.00	\$630.00	\$59,850.00	\$833.00	\$79,135.00
	Painted Symbols and Legends	22 EA	\$200.00	\$4,400.00	\$112.00	\$2,464.00	\$110.00	\$2,420.00	\$140.00	\$3,080.00
	Precut Symbols and Legends	12 EA	\$400.00	\$4,800.00	\$316.00	\$3,792.00	\$710.00 \$105.00	\$8,520.00	\$945.00	\$11,340.00
	Pavement Markings Removed	21.21 STA	\$50.00 \$100.00	\$1,060.50 \$500.00	\$72.00 \$419.00	\$1,527.12 \$2,095.00	\$105.00 \$210.00	\$2,227.05 \$1,050.00	\$100.00 \$280.00	\$2,121.00 \$1,400.00
105	Grooves Cut for Pavement Markings Traffic Signs, Permanent	5 STA 38 EA	\$100.00 \$500.00	\$19,000.00	\$419.00 \$358.00	\$2,095.00	\$275.00	\$10,450.00	\$364.00	\$13,832.00
	Perforated Square Steel Tube Sign Posts	20 EA	\$100.00	\$2,000.00	\$205.00	\$4,100.00	\$142.00	\$2,840.00	\$189.00	\$3,780.00
	Temporary Traffic Control	1 LS	\$100,000.00	\$100,000.00	\$89,500.00	\$89,500.00	\$95,000.00	\$95,000.00	\$96,250.00	\$96,250.00

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			UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
109 Hydraulic	Seeding, Type 1	1.5 AC	\$6,000.00	\$9,000.00	\$5,100.00	\$7,650.00	\$5,300.00	\$7,950.00	\$7,000.00	\$10,500.00
110 Stormwat	er Pollution Prevention	1 LS	\$10,000.00	\$10,000.00	\$7,200.00	\$7,200.00	\$7,400.00	\$7,400.00	\$9,800.00	\$9,800.00
111 Erosion C	control Mulching, Hydromulching	3 AC	\$4,000.00	\$12,000.00	\$2,050.00	\$6,150.00	\$2,100.00	\$6,300.00	\$2,800.00	\$8,400.00
112 Inlet Prote	ection Device	38 EA	\$200.00	\$7,600.00	\$189.00	\$7,182.00	\$195.00	\$7,410.00	\$259.00	\$9,842.00
113 Inlet Prote	ection Device, Maintenance	38 EA	\$50.00	\$1,900.00	\$55.00	\$2,090.00	\$55.00	\$2,090.00	\$70.00	\$2,660.00
114 Linear Ero	osion Control	300 LF	\$3.00	\$900.00	\$2.60	\$780.00	\$3.00	\$900.00	\$3.50	\$1,050.00
115 Linear Ero	osion Control, Removal	300 LF	\$1.00	\$300.00	\$0.55	\$165.00	\$1.00	\$300.00	\$0.50	\$150.00
116 Tree Prot	ection Fence	675 LF	\$5.00	\$3,375.00	\$3.10	\$2,092.50	\$4.00	\$2,700.00	\$4.00	\$2,700.00
117 Construct	ion Survey	1 LS	\$90,000.00	\$90,000.00	\$135,000.00	\$135,000.00	\$40,000.00	\$40,000.00	\$60,200.00	\$60,200.00
118 Mobilizatio	on	1 LS	\$372,317.50	\$372,317.50	\$768,700.00	\$768,700.00	\$700,000.00	\$700,000.00	\$296,700.00	\$296,700.00
119 Maintenar	nce of Postal Service	1 LS	\$7,500.00	\$7,500.00	\$19,000.00	\$19,000.00	\$8,000.00	\$8,000.00	\$10,500.00	\$10,500.00
120 Maintenar	nce of Solid Waste Collection	1 LS	\$10,000.00	\$10,000.00	\$23,750.00	\$23,750.00	\$10,000.00	\$10,000.00	\$14,000.00	\$14,000.00
121 Concrete	Washout	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$7,000.00	\$7,000.00
122 Vibration	Monitoring	1 LS	\$75,000.00	\$75,000.00	\$145,000.00	\$145,000.00	\$128,000.00	\$128,000.00	\$31,290.00	\$31,290.00
123 Project Si	ign, Standard	2 EA	\$2,000.00	\$4,000.00	\$510.00	\$1,020.00	\$750.00	\$1,500.00	\$490.00	\$980.00
124 Project Si	ign, Stormwater	2 EA	\$1,000.00	\$2,000.00	\$510.00	\$1,020.00	\$1,050.00	· \$2,100.00	\$700.00	\$1,400.00
TOTAL C	ONSTRUCTION COST			\$8,750,000.00		\$8,376,076.22		\$8,743,228.05		\$8,986,468.00
PERCEN	T OF ENGINEER'S ESTIMATE					-4.27%		-0.08%		+2.70%
				1		Low				1

	ARTMENT OF ENGINEERING ' OF DES MOINES, IOWA		08-2021-005	ī						I
	ULATED BY: N Smith APPROVED BY P. Wasser	Bid Date	: 12/21/2021		Raccoon Valle Wauke		Rognes Ankeny		Corell Contr West Des N	
	ITRACTOR'S BID TABULATION DJECT: CLOSES CREEK STORM SEWER IMPROVEMENTS PH/	ASE 3			BID SEC 10% Bic		BID SEC 10% Bid		BID SEC 10% Bid	
	ESTIMATE				BID PI	RICE	BID PR	RICE	BID PF	RICE
			UNIT		UNIT		UNIT		UNIT	
ITEN	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1	Clearing and Grubbing	1 LS	\$15,000.00	\$15,000.00	\$40,000.00	\$40,000.00	\$10,000.00	\$10,000.00	\$15,400.00	\$15,400.00
2	Topsoil, On-Site	500 CY	\$25.00	\$12,500.00	\$51.50	\$25,750.00	\$20.00	\$10,000.00	\$54.00	\$27,000.00
3	Excavation, Class 10	2500 CY	\$25.00	\$62,500.00	\$20.60	\$51,500.00	\$28.00	\$70,000.00	\$32.00	\$80,000.00
4	Below Grade Excavation (Core Out)	500 CY	\$30.00	\$15,000.00	\$20.60	\$10,300.00	\$12.00	\$6,000.00	\$37.00	\$18,500.00
5	Subgrade Preparation	11634 SY	\$8.00	\$93,072.00	\$6.18	\$71,898.12	\$7.00	\$81,438.00	\$6.00	\$69,804.00
6	Subgrade Treatment, Geogrid, Type 2	2327 SY	\$5.00	\$11,635.00	\$6.18	\$14,380.86	\$4.00	\$9,308.00	\$6.00	\$13,962.00
7	Subbase, Modified, 6 in	8297 SY	\$15.00	\$124,455.00	\$14.42	\$119,642.74	\$14.00	\$116,158.00	\$13.00	\$107,861.00
8	Subbase, Special Backfill, 6 in	3338 SY	\$15.00	\$50,070.00	\$12.36	\$41,257.68	\$14.00	\$46,732.00	\$12.00	\$40,056.00
9	Class A Roadstone	3600 TON	\$35.00	\$126,000.00	\$48.00	\$172,800.00	\$36.00	\$129,600.00	\$55.00	\$198,000.00
10	Trench Foundation	500 TON 5000 TON	\$40.00	\$20,000.00	\$40.00	\$20,000.00	\$50.00 \$45.00	\$25,000.00 \$225,000.00	\$45.00 \$55.00	\$22,500.00 \$275,000.00
11 12	Imported Granular Backfill Special Pipe Support	23 EA	\$40.00 \$3,000.00	\$200,000.00 \$69,000.00	\$40.00 \$3,000.00	\$200,000.00 \$69,000.00	\$3,500.00	\$80,500.00	\$3,600.00	\$82,800.00
12	Sanitary Sewer Gravity Main, Trenched, DIP, 8"	30 LF	\$250.00	\$7,500.00	\$450.00	\$13,500.00	\$260.00	\$7,800.00	\$535.00	\$16,050.00
14	Sanitary Sewer Gravity Main, Trenched, DIP, 10"	143 LF	\$300.00	\$42,900.00	\$400.00	\$57,200.00	\$265.00	\$37,895.00	\$590.00	\$84,370.00
15	Sanitary Sewer Gravity Main, Trenched, DIP, 12"	30 LF	\$350.00	\$10,500.00	\$520.00	\$15,600.00	\$325.00	\$9,750.00	\$812.00	\$24,360.00
16	Sanitary Service Replacement	41 EA	\$5,000.00	\$205,000.00	\$4,552.00	\$186,632.00	\$4,850.00	\$198,850.00	\$11,700.00	\$479,700.00
17	Storm Sewer, Trenched, 15 in	510 LF	\$150.00	\$76,500.00	\$371.00	\$189,210.00	\$145.00	\$73,950.00	\$283.00	\$144,330.00
18	Storm Sewer, Trenched, 18 in	203 LF	\$175.00	\$35,525.00	\$375.00	\$76,125.00	\$155.00	\$31,465.00	\$284.00	\$57,652.00
19	Storm Sewer, Trenched, 24 in	153 LF	\$200.00	\$30,600.00	\$390.00	\$59,670.00	\$168.00	\$25,704.00	\$478.00	\$73,134.00
20	Storm Sewer, Trenched, RCP, 30 in, Class IV	26 LF	\$220.00	\$5,720.00	\$945.00	\$24,570.00	\$425.00	\$11,050.00	\$585.00	\$15,210.00
21	Storm Sewer, Trenched, RCP, 36 in	83 LF	\$240.00	\$19,920.00	\$343.00	\$28,469.00	\$325.00	\$26,975.00	\$518.00	\$42,994.00
22	Storm Sewer, Trenched, RCP, 36 in, Class IV	1234 LF	\$260.00	\$320,840.00	\$326.00	\$402,284.00	\$465.00	\$573,810.00	\$756.00	\$932,904.00
23	Storm Sewer, Trenched, DIP, 36 in	32 LF	\$350.00	\$11,200.00	\$950.00	\$30,400.00	\$650.00	\$20,800.00	\$2,025.00	\$64,800.00
24	Storm Sewer, Trenched, RCP, 60 in, Class IV	1417 LF	\$475.00	\$673,075.00	\$528.00	\$748,176.00	\$600.00	\$850,200.00	\$848.00	\$1,201,616.00
25	Storm Sewer, Trenched, RCP, 72 in, Class IV	149 LF	\$600.00	\$89,400.00	\$1,302.00	\$193,998.00	\$765.00	\$113,985.00	\$1,235.00	\$184,015.00
26	Storm Sewer, Trenchless, RCP, 36 in	170 LF	\$1,250.00	\$212,500.00	\$1,395.00	\$237,150.00	\$1,350.00	\$229,500.00	\$1,727.00	\$293,590.00
27	Storm Sewer, Trenchless, RCP, 60 in	500 LF	\$1,750.00	\$875,000.00	\$1,496.00	\$748,000.00	\$1,750.00	\$875,000.00	\$1,582.00	\$791,000.00
28	Storm Sewer, Trenchless, RCP, 72 in	360 LF	\$2,250.00	\$810,000.00	\$1,346.00	\$484,560.00	\$2,150.00	\$774,000.00	\$1,450.00	\$522,000.00
29	Removal of Storm Sewer, RCP, =<30 in	1186 LF	\$30.00	\$35,580.00	\$41.00	\$48,626.00	\$55.00	\$65,230.00	\$75.00	\$88,950.00
30	Removal of Storm Sewer, RCP, >36 in	62 LF	\$40.00	\$2,480.00	\$51.00	\$3,162.00	\$70.00	\$4,340.00	\$75.00	\$4,650.00 \$35,035.00
31	Storm Sewer Abandonment, Fill and Plug	49 CY 78 LF	\$125.00 \$850.00	\$6,125.00 \$66,300.00	\$259.00 \$909.00	\$12,691.00 \$70,902.00	\$180.00 \$775.00	\$8,820.00 \$60,450.00	\$715.00 \$1,080.00	\$35,035.00
32 33	Reinforced Concrete Box (RCB), Single Cell, 6 ft x 4 ft Subdrain, Type 1, 8 in	2840 LF	\$30.00	\$85,200.00	\$31.00	\$88,040.00	\$35.00	\$99,400.00	\$30.00	\$85,200.00
34	Footing Drain Collector, 10 in, Trenchless	542 LF	\$120.00	\$65,040.00	\$125.00	\$67,750.00	\$120.00	\$65,040.00	\$185.00	\$100,270.00
35	Subdrain Cleanout, Type A-1, 6 in	14 EA	\$1,000.00	\$14,000.00	\$2,574.00	\$36,036.00	\$1,000.00	\$14,000.00	\$1,500.00	\$21,000.00
36	Subdrain Outlet and Connections, 8 in	32 EA	\$1,000.00	\$32,000.00	\$2,574.00	\$82,368.00	\$1,100.00	\$35,200.00	\$1,500.00	\$48,000.00
37	Footing Drain Outlet and Connection, 12 in	2 EA	\$1,000.00	\$2,000.00	\$3,605.00	\$7,210.00	\$1,150.00	\$2,300.00	\$4,250.00	\$8,500.00
38	Storm Sewer Service Stub	10 EA	\$1,250.00	\$12,500.00	\$3,605.00	\$36,050.00	\$1,150.00	\$11,500.00	\$5,000.00	\$50,000.00
39	Pipe Cleaning and Inspection, 8" Storm Sewer	100 LF	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$12.00	\$1,200.00	\$20.00	\$2,000.00
40	Pipe Cleaning and Inspection, 8" Sanitary Sewer	100 LF	\$10.00	\$1,000.00	\$20.00	\$2,000.00	\$12.00	\$1,200.00	\$20.00	\$2,000.00
41	Water Main, Trenched, C900 DR18 PVC, RJ, 8 IN	301 LF	\$200.00	\$60,200.00	\$100.00	\$30,100.00	\$198.00	\$59,598.00	\$330.00	\$99,330.00
42	Water Main, Trenched, C900 DR18 PVC, Stab Joint, 8 IN	2018 LF	\$200.00	\$403,600.00	\$100.00	\$201,800.00	\$175.00	\$353,150.00	\$130.00	\$262,340.00
43	Water Main with Casing Pipe, Trenched, C900 DR18 PVC, RJ, 16 IN. (40 LF	\$225.00	\$9,000.00	\$355.00	\$14,200.00	\$400.00	\$16,000.00	\$430.00	\$17,200.00
44	Fittings By Weight, Ductile Iron	2600 LB	\$15.00	\$39,000.00	\$12.18	\$31,668.00	\$17.00	\$44,200.00	\$17.00	\$44,200.00
45	Valve, Gate, DIP, 8 IN	10 EA	\$1,000.00	\$10,000.00	\$1,500.00	\$15,000.00	\$2,750.00	\$27,500.00	\$2,000.00	\$20,000.00
46	Fire Hydrant Assembly	6 EA	\$6,000.00	\$36,000.00	\$4,900.00	\$29,400.00	\$6,000.00	\$36,000.00	\$5,400.00	\$32,400.00
47	Foundation Rock	25 TON	\$35.00	\$875.00	\$42.00	\$1,050.00	\$40.00	\$1,000.00	\$45.00	\$1,125.00
48	Thrust Block - Midspan, Pipe 8"	3 EA	\$2,500.00	\$7,500.00	\$4,000.00	\$12,000.00	\$1,500.00	\$4,500.00	\$1,400.00	\$4,200.00
49	1" Water Service Transfer, Opposite Side	4 EA	\$3,500.00	\$14,000.00	\$4,100.00	\$16,400.00	\$3,800.00	\$15,200.00	\$6,500.00	\$26,000.00

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			UNIT		UNIT		UNIT		UNIT	
ITEM		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
	1" Water Service Transfer, Same Side	14 EA	\$2,500.00	\$35,000.00	\$3,000.00	\$42,000.00	\$3,200.00	\$44,800.00	\$3,800.00	\$53,200.00
51 52	Water Service Tap	18 EA	\$1,500.00	\$27,000.00	\$1,545.00	\$27,810.00	\$4,000.00	\$72,000.00	\$1,750.00	\$31,500.00
52 53	Manhole, Type SW-401, 48 in Manhole, Type SW-401, 60 in	3 EA 2 EA	\$6,500.00	\$19,500.00	\$7,000.00	\$21,000.00	\$4,500.00	\$13,500.00	\$5,800.00	\$17,400.00
	Manhole, Type SW-401, 80 m Manhole, Type SW-401, 78 in	2 EA 1 EA	\$7,500.00 \$8,500.00	\$15,000.00 \$8,500.00	\$6,000.00 \$16,000.00	\$12,000.00 \$16,000.00	\$11,000.00 \$29,250.00	\$22,000.00 \$29,250.00	\$9,400.00	\$18,800.00
55	Manhole, Type SW-401, 84 in	1 EA	\$10,000.00	\$10,000.00	\$17,000.00	\$17,000.00	\$29,250.00	\$29,250.00	\$14,600.00 \$24,800.00	\$14,600.00 \$24,800.00
56	Manhole, Type SW-401, Modified, 96 in, 48 in Riser	1 EA	\$20,000.00	\$20,000.00	\$19,000.00	\$19,000.00	\$32,000.00	\$32,000.00	\$23,000.00	\$23,000.00
57	Manhole, Type SW-401, Modified, 96 in, 60 in Riser	1 EA	\$22,000.00	\$22,000.00	\$22,000.00	\$22,000.00	\$34,000.00	\$34,000.00	\$24,600.00	\$24,600.00
	Manhole, Type SW-404, 8 ft x 4 ft, 48 in Riser	1 EA	\$40,000.00	\$40,000.00	\$30,000.00	\$30,000.00	\$36,500.00	\$36,500.00	\$24,600.00	\$24,600.00
	Manhole, Type SW-404, 8 ft x 6 ft, 60 in Riser	1 EA	\$50,000.00	\$50,000.00	\$45,000.00	\$45,000.00	\$41,500.00	\$41,500.00	\$31,700.00	\$31,700.00
	Manhole, Type SW-404, 10 ft x 6 ft, 48 in Riser	1 EA	\$60,000.00	\$60,000.00	\$50,000.00	\$50,000.00	\$64,500.00	\$64,500.00	\$35,400.00	\$35,400.00
	Manhole, Type SW-404, 10 ft x 6 ft, 60 in Riser Manhole, Type SW-404, 10 ft x 10 ft, 48 in Riser	1 EA 3 EA	\$65,000.00 \$75,000.00	\$65,000.00	\$50,000.00	\$50,000.00	\$65,500.00	\$65,500.00	\$36,000.00	\$36,000.00
63	Manhole, Type SW-405, 48 in	5 EA	\$15,000.00	\$225,000.00 \$75,000.00	\$55,000.00 \$14,000.00	\$165,000.00 \$70,000.00	\$74,000.00 \$17,000.00	\$222,000.00 \$85,000.00	\$40,300.00	\$120,900.00 \$60,500.00
64	Manhole, Type SW-405, 60 in	2 EA	\$20,000.00	\$40,000.00	\$15,000.00	\$30,000.00	\$20,000.00	\$40,000.00	\$12,100.00 \$13,100.00	\$26,200.00
65	Intake, Type SW-505	17 EA	\$10,000.00	\$170,000.00	\$9,579.00	\$162,843.00	\$10,500.00	\$178,500.00	\$8,500.00	\$144,500.00
66	Intake, Type SW-506, Modified	2 EA	\$15,000.00	\$30,000.00	\$14,000.00	\$28,000.00	\$14,500.00	\$29,000.00	\$14,600.00	\$29,200.00
67	Intake, Type SW-509	12 EA	\$15,000.00	\$180,000.00	\$15,000.00	\$180,000.00	\$18,250.00	\$219,000.00	\$12,000.00	\$144,000.00
68	Intake, Type SW-541	2 EA	\$15,000.00	\$30,000.00	\$13,000.00	\$26,000.00	\$20,000.00	\$40,000.00	\$14,000.00	\$28,000.00
69	Intake, Type SW-541, Modified	1 EA	\$15,000.00	\$15,000.00	\$13,000.00	\$13,000.00	\$22,000.00	\$22,000.00	\$14,000.00	\$14,000.00
70 71	Intake, Type SW-542	2 EA	\$3,000.00	\$6,000.00	\$7,158.00	\$14,316.00	\$20,000.00	\$40,000.00	\$4,300.00	\$8,600.00
71	Intake, Type SW-545, 12 ft Curb Opening Intake, Type SW-545, 14 ft Curb Opening	1 EA 1 EA	\$15,000.00 \$17,500.00	\$15,000.00 \$17,500.00	\$16,428.00 \$18,000.00	\$16,428.00	\$25,250.00	\$25,250.00	\$15,400.00	\$15,400.00
73	Intake, PVC Catch Basin, 8"	1 EA	\$2,500.00	\$2,500.00	\$22,000.00	\$18,000.00 \$22,000.00	\$27,250.00 \$3,800.00	\$27,250.00 \$3,800.00	\$15,000.00 \$3,900.00	\$15,000.00 \$3,900.00
	Manhole Adjustment, Minor	14 EA	\$2,500.00	\$35,000.00	\$2,575.00	\$36,050.00	\$2,600.00	\$36,400.00	\$4,000.00	\$56,000.00
	Connection to Existing Intake	2 EA	\$2,500.00	\$5,000.00	\$3,000.00	\$6,000.00	\$3,400.00	\$6,800.00	\$3,000.00	\$6,000.00
76	Connection to Existing RCB	1 EA	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$9,800.00	\$9,800.00	\$3,900.00	\$3,900.00
77	Connection to Existing Sewer	2 EA	\$2,500.00	\$5,000.00	\$3,500.00	\$7,000.00	\$4,600.00	\$9,200.00	\$1,800.00	\$3,600.00
78	Connection to Existing Manhole	1 EA	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00	\$3,400.00	\$3,400.00	\$6,000.00	\$6,000.00
79	Remove Intake	17 EA	\$1,000.00	\$17,000.00	\$1,000.00	\$17,000.00	\$1,850.00	\$31,450.00	\$2,400.00	\$40,800.00
80	Remove Manhole, Standard	9 EA	\$1,500.00	\$13,500.00	\$1,500.00	\$13,500.00	\$1,850.00	\$16,650.00	\$2,400.00	\$21,600.00
81 82	Pavement, PCC, 8 in Curb and Gutter, 2', 8 in	7502 SY	\$75.00	\$562,650.00	\$82.00	\$615,164.00	\$72.00	\$540,144.00	\$78.00	\$585,156.00
	PCC Pavement Samples and Testing	1750 LF 1 LS	\$45.00 \$6,000.00	\$78,750.00 \$6,000.00	\$26.00 \$4,500 <i>.</i> 00	\$45,500.00 \$4,500.00	\$26.00 \$5,000.00	\$45,500.00 \$5,000.00	\$35.00 \$5,500.00	\$61,250.00 \$5,500.00
	Pavement, 4" HMA ST Base, 1" Mix, PG 58-28 S	3338 SY	\$30.00	\$100,140.00	\$21.63	\$72,200.94	\$18.50	\$61,753.00	\$20.00	\$66,760.00
85	Pavement, 2" HMA ST Intermediate, 3/4" Mix, PG 58-28 S	3338 SY	\$20.00	\$66,760.00	\$12.88	\$42,993.44	\$9.25	\$30,876.50	\$10.00	\$33,380.00
86	Pavement, HMA ST Surface, 1/2" Mix, No Fric., PG 58-28 V	1200 TON	\$110.00	\$132,000.00	\$101.97	\$122,364.00	\$90.00	\$108,000.00	\$98.00	\$117,600.00
87	HMA Pavement Samples and Testing	1 LS	\$4,750.00	\$4,750.00	\$1,751.00	\$1,751.00	\$1,850.00	\$1,850.00	\$2,000.00	\$2,000.00
88	Removal of Sidewalk	1017 SY	\$15.00	\$15,255.00	\$12.00	\$12,204.00	\$11.00	\$11,187.00	\$17.00	\$17,289.00
89	Removal of Driveway	543 SY	\$15.00	\$8,145.00	\$12.00	\$6,516.00	\$11.00	\$5,973.00	\$25.00	\$13,575.00
90	Sidewalk, PCC, 4 in	1488 SY	\$45.00	\$66,960.00	\$46.00	\$68,448.00	\$60.00	\$89,280.00	\$55.00	\$81,840.00
91 92	Sidewalk, PCC, 6 in Detectable Warnings	225 SY 368 SF	\$60.00 \$50.00	\$13,500.00 \$18,400.00	\$200.00 \$50.00	\$45,000.00	\$65.00	\$14,625.00	\$226.00	\$50,850.00
	Driveway, Paved, PCC, 6 in	647 SY	\$60.00	\$38,820.00	\$80.00	\$18,400.00 \$51,760.00	\$50.00 \$65.00	\$18,400.00 \$42,055.00	\$55.00 \$94.00	\$20,240.00 \$60,818.00
94	Full Depth Patches, Composite	760 SY	\$125.00	\$95,000.00	\$139.00	\$105,640.00	\$140.00	\$106,400.00	\$185.00	\$140,600.00
95	Milling	6003 SY	\$5.00	\$30,015.00	\$4.50	\$27,013.50	\$3.25	\$19,509.75	\$3.50	\$21,010.50
96	Pavement Removal	10334 SY	\$15.00	\$155,010.00	\$15.00	\$155,010.00	\$13.00	\$134,342.00	\$16.75	\$173,094.50
97	Curb and Gutter Removal	242 LF	\$15.00	\$3,630.00	\$15.00	\$3,630.00	\$10.00	\$2,420.00	\$35.00	\$8,470.00
	Traffic Signalization	1 LS	\$160,000.00	\$160,000.00	\$203,000.00	\$203,000.00	\$195,000.00	\$195,000.00	\$208,000.00	\$208,000.00
	Painted Pavement Markings, Solvent/Waterborne	125 STA	\$60.00	\$7,500.00	\$77.00	\$9,625.00	\$70.00	\$8,750.00	\$77.00	\$9,625.00
	Painted Pavement Markings, Durable	5 STA	\$350.00	\$1,750.00	\$745.00	\$3,725.00	\$480.00	\$2,400.00	\$528.00	\$2,640.00
	Permanent Tape Markings Painted Symbols and Legends	95 STA 22 EA	\$500.00	\$47,500.00 \$4,400.00	\$612.00	\$58,140.00	\$550.00	\$52,250.00	\$605.00	\$57,475.00
102	Precut Symbols and Legends	22 EA 12 EA	\$200.00 \$400.00	\$4,400.00 \$4,800.00	\$103.00 \$695.00	\$2,266.00 \$8,340.00	\$110.00 \$310.00	\$2,420.00 \$3,720.00	\$121.00 \$341.00	\$2,662.00 \$4,092.00
	Pavement Markings Removed	21.21 STA	\$50.00	\$4,800.00	\$102.00	\$2,163.42	\$70.00	\$1,484.70	\$77.00	\$1,633.17
105	-	5 STA	\$100.00	\$500.00	\$203.00	\$1,015.00	\$410.00	\$2,050.00	\$451.00	\$2,255.00
	Traffic Signs, Permanent	38 EA	\$500.00	\$19,000.00	\$267.00	\$10,146.00	\$380.00	\$14,440.00	\$385.00	\$14,630.00
107	Perforated Square Steel Tube Sign Posts	20 EA	\$100.00	\$2,000.00	\$139.00	\$2,780.00	\$200.00	\$4,000.00	\$220.00	\$4,400.00
108	Temporary Traffic Control	1 LS	\$100,000.00	\$100,000.00	\$90,000.00	\$90,000.00	\$87,700.00	\$87,700.00	\$96,500.00	\$96,500.00

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			UNIT		UNIT		UNIT		UNIT	
ITEM	DESCRIPTION	QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
109 Hydraulic Seeding	1. Type 1	1.5 AC	\$6,000.00	\$9,000.00	\$5,100.00	\$7,650.00	\$5,000.00	\$7,500.00	\$5,500.00	\$8,250.00
110 Stormwater Pollut		1 LS	\$10,000.00	\$10,000.00	\$7,100.00	\$7,100.00	\$7,000.00	\$7,000.00	\$7,700.00	\$7,700.00
111 Erosion Control M	lulching, Hydromulching	3 AC	\$4,000.00	\$12,000.00	\$2,000.00	\$6,000.00	\$2,000.00	\$6,000.00	\$2,200.00	\$6,600.00
112 Inlet Protection De		38 EA	\$200.00	\$7,600.00	\$150.00	\$5,700.00	\$185.00	\$7,030.00	\$205.00	\$7,790.00
113 Inlet Protection De	evice. Maintenance	38 EA	\$50.00	\$1,900.00	\$50.00	\$1,900.00	\$50.00	\$1,900.00	\$55.00	\$2,090.00
114 Linear Erosion Co	ontrol	300 LF	\$3.00	\$900.00	\$2.50	\$750.00	\$2.50	\$750.00	\$2.75	\$825.00
115 Linear Erosion Co	ontrol, Removal	300 LF	\$1.00	\$300.00	\$52.00	\$15,600.00	\$0.50	\$150.00	\$0.55	\$165.00
116 Tree Protection Fe	ence	675 LF	\$5.00	\$3,375.00	\$3.00	\$2,025.00	\$3.00	\$2,025.00	\$4.00	\$2,700.00
117 Construction Surv		1 LS	\$90,000.00	\$90,000.00	\$50,000.00	\$50,000.00	\$32,500.00	\$32,500.00	\$50,000.00	\$50,000.00
118 Mobilization		1 LS	\$372,317.50	\$372,317.50	\$955,075.00	\$955,075.00	\$543,517.05	\$543,517.05	\$438,176.00	\$438,176.00
119 Maintenance of Po	ostal Service	1 LS	\$7,500.00	\$7,500.00	\$10,000.00	\$10,000.00	\$7,500.00	\$7,500.00	\$5,500.00	\$5,500.00
120 Maintenance of So	olid Waste Collection	1 LS	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$28,000.00	\$28,000.00
121 Concrete Washou	ıt	1 LS	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
122 Vibration Monitorin	ng	1 LS	\$75,000.00	\$75,000.00	\$136,000.00	\$136,000.00	\$75,000.00	\$75,000.00	\$40,000.00	\$40,000.00
123 Project Sign, Stan	•	2 EA	\$2,000.00	\$4,000.00	\$350.00	\$700.00	\$500.00	\$1,000.00	\$550.00	\$1,100.00
124 Project Sign, Stor		2 EA	\$1,000.00	\$2,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$550.00	\$1,100.00
TOTAL CONSTR	UCTION COST			\$8,750,000.00		\$9,335,268.70		\$9,446,000.00		\$10,466,289.17
PERCENT OF EN	IGINEER'S ESTIMATE					+6.69%		+7.95%		+19.61%
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