

# CITY OF HIGH POINT

## AGENDA ITEM



**Title:** Riverdale Gravity Sewer Extension

**From:** Terry Houk – Public Services Director  
Derrick Boone – Public Services Asst. Director  
Allan Hicks – Public Services Projects Engineer

**Meeting Date:** July 20, 2020

**Public Hearing:** N/A

**Advertising Date:** May 15, 2020  
**Advertised By:** Purchasing

**Attachments:** Attachment A – Award Recommendation  
Attachment B – Certified Bid Tab  
Attachment C – Project Map

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### **PURPOSE:**

The Public Services Department has budgeted for a 42-inch diameter gravity sanitary sewer system along Riverdale Road. This project will serve two future projects, the Riverdale West Forcemain and the Registers Creek Forcemain. Once they are constructed, both forcemains will have the capability to discharge wastewater into this gravity sewer project.

### **BACKGROUND:**

This Riverdale Gravity Sewer Extension project is part of an overall expansion of the Riverdale Pump Station area. This gravity sewer project will include the construction of a gravity sanitary sewer system along Riverdale Road. This project will consist of approximately 2,800 linear foot of 42-inch fiberglass reinforced gravity sewer pipe, 2-inch PVC force main, 390 linear foot of 8-inch PVC gravity sewer pipe, and 140 linear foot of steel encasement pipe installed by bore and jack. Manholes will consist of 6' diameter polymer concrete manholes installed on the 42-inch gravity sanitary sewer and 4foot diameter precast concrete manholes installed on the 8-inch gravity sanitary sewer. An existing sanitary sewer system, including aerial sewer pipe and manholes, will be removed and abandoned.

Once the Registers Creek Forcemain and Riverdale West Forcemain is constructed, the Riverdale Gravity Sewer Extension will carry the wastewater to the Eastside Wastewater Treatment Plant. The Registers Creek Forcemain wastewater currently flows to the Riverdale Pump Station and when connected to this gravity line the usage capacity will decrease.

This project will also eliminate the need for weekly wastewater pumping that requires a pump truck at the Material Recovery Facility (MRF). A new 2-inch forcemain will be connected at the MRF that will discharge directly into this gravity sewer project. This project will tie in the newly installed 2-inch forcemain that was constructed as part of the MRF upgrades in 2019.

**BUDGET IMPACT:** Funds for this project are available in the FY 2020-2021 budget.

### **RECOMMENDATION / ACTION REQUESTED:**

The Public Services Department recommends approval and asks for City Council to awarding the contract to Dellinger, Inc. in the amount of \$2,572,429.15.

July 2, 2020

Re: City of High Point, NC  
Riverdale Gravity Sewer Extension  
Sewer System Improvements  
Bid No. 16-062420  
DMP Project No. 190056 (BF)

Mr. Derrick Boone, Assistant Director  
Public Services Department  
City of High Point  
PO Box 230  
High Point, NC 27261

Dear Derrick:

Bids were received by the Purchasing Department on June 24, 2020 for the above referenced project. A total of ten (10) bids were submitted and read, as summarized below.

<b>Bidder</b>	<b>Total Base Bid</b>
Dellinger, Inc. Monroe, NC	\$ 2,572,429.15
Garney Companies, Inc. Raleigh, NC	\$ 2,822,345.00
Cleary Construction, Inc. Tompkinsville, KY	\$ 2,856,772.00
DH Griffin Infrastructure Greensboro, NC	\$ 2,967,646.00
JSmith Civil, LLC Goldsboro, NC	\$ 3,163,367.00
Park Construction of NC, Inc. Morrisville, NC	\$ 3,170,668.00
Thalle Construction Company, Inc. Hillsborough, NC	\$ 3,194,802.20
Yates Construction Company, Inc. Stokesdale, NC	\$ 3,417,050.35
Buckeye Bridge, LLC Canton, NC	\$ 3,442,904.90
B.R.S., Inc. Richfield, NC	\$ 3,595,207.00

A detailed tabulation of all bids received is attached.

Please note that a mathematical error in the bid provided by Garney Companies was corrected during the tabulation process. Several unit price items (#17-22) were written incorrectly, resulting in a lower total Base Bid price. The resulting bid has been discussed with a representative of Garney Companies and they have subsequently requested to withdraw their bid due to the mathematical error.

Also, it should be noted that the low bidder, Dellinger, Inc. has submitted a request to correct a unit price transposing error for bid items #13 & #14. Since the line items include identical quantities, the requested change would result in a no-cost change to the contract amount, and we would recommend these unit prices be corrected via Change Order once the Construction Agreement has been executed.

The Base Bid pricing provides for the installation of fiberglass pipe (FRP) for the main, 42-inch gravity sewer. The Alternate Bid pricing requested would have provided for the installation of epoxy-line ductile iron pipe (DIP). Multiple pipe material options were provided in an effort to secure the most competitive pricing for the project. Since the alternate pricing provided does not result in a lower total price than the Base Bid, we are recommending that the Base Bid material be selected for implementation.

The lowest bidder, Dellinger, Inc., is an experienced contractor licensed by the State of North Carolina as an Unlimited General Contractor (License #5992). They have performed several similar projects in North Carolina and are capable of performing the work called for in this project.

It is our recommendation that the City Council award the contract to Dellinger, Inc. for the Base Bid amount of \$ 2,572,429.15.

Please feel free to contact me if you have questions or require additional information.

Sincerely,

**DAVIS • MARTIN • POWELL & ASSOCIATES**



Ben Palmer, PE

c: File (enc)

				Dellinger, Inc. PO Box 929 Monroe, NC 28111		** Garney Companies, Inc. 3200 Glen Royal Road Ste 112 Raleigh, NC 27617		Cleary Construction Inc. 2006 Edmonton Road Tompkinsville, KY 42167		DH Griffin Infrastructure 4716 Hilltop Road Greensboro, NC 27407		JSmith Civil, LLC 3733 N US Hwy 117 Goldsboro, NC 27530		Park Construction of NC, Inc. 416 Airport Blvd. Morrisville, NC 27560	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>															
1	Mobilization (Max. 3% of bid)	1	LS	\$71,100.00	\$71,100.00	\$86,000.00	\$86,000.00	\$85,000.00	\$85,000.00	\$89,000.00	\$89,000.00	\$94,500.00	\$94,500.00	\$95,100.00	\$95,100.00
2	Clearing & grubbing	1.97	Acre	\$27,700.00	\$54,569.00	\$44,000.00	\$86,680.00	\$50,000.00	\$98,500.00	\$60,000.00	\$118,200.00	\$40,000.00	\$78,800.00	\$10,800.00	\$21,276.00
3	2" PVC force main	437	LF	\$6.50	\$2,840.50	\$67.00	\$29,279.00	\$37.00	\$16,169.00	\$75.00	\$32,775.00	\$35.00	\$15,295.00	\$95.00	\$41,515.00
4	8" PVC (SDR-26) Gravity Sewer (0-6' cut)	43	LF	\$21.00	\$903.00	\$78.00	\$3,354.00	\$90.00	\$3,870.00	\$47.00	\$2,021.00	\$83.00	\$3,569.00	\$120.00	\$5,160.00
5	8" PVC (SDR-26) Gravity Sewer (6-8' cut)	116	LF	\$24.50	\$2,842.00	\$77.00	\$8,932.00	\$93.00	\$10,788.00	\$47.00	\$5,452.00	\$92.00	\$10,672.00	\$123.00	\$14,268.00
6	8" PVC (SDR 26) Gravity Sewer (8-10' cut)	225	LF	\$30.50	\$6,862.50	\$77.00	\$17,325.00	\$120.00	\$27,000.00	\$47.00	\$10,575.00	\$108.00	\$24,300.00	\$131.00	\$29,475.00
7	36" CCFRP (SN 46) Gravity Sewer (5-10' cut)	40	LF	\$186.00	\$7,440.00	\$565.00	\$22,600.00	\$260.00	\$10,400.00	\$380.00	\$15,200.00	\$434.00	\$17,360.00	\$287.00	\$11,480.00
8	42" CCFRP (SN 46) Gravity Sewer (5-10' cut)	1,320	LF	\$202.00	\$266,640.00	\$327.00	\$431,640.00	\$300.00	\$396,000.00	\$310.00	\$409,200.00	\$442.00	\$583,440.00	\$298.00	\$393,360.00
9	42" CCFRP (SN 46) Gravity Sewer (10-15' cut)	950	LF	\$232.00	\$220,400.00	\$309.00	\$293,550.00	\$310.00	\$294,500.00	\$310.00	\$294,500.00	\$495.00	\$470,250.00	\$336.00	\$319,200.00
10	42" CCFRP (SN 72) Gravity Sewer (15-20' cut)	370	LF	\$302.00	\$111,740.00	\$330.00	\$122,100.00	\$375.00	\$138,750.00	\$310.00	\$114,700.00	\$567.00	\$209,790.00	\$413.00	\$152,810.00
11	42" CCFRP (SN 46) Gravity Sewer installed in encasement	140	LF	\$192.00	\$26,880.00	\$241.00	\$33,740.00	\$325.00	\$45,500.00	\$220.00	\$30,800.00	\$415.00	\$58,100.00	\$158.00	\$22,120.00
12	8" Steel Encasement (Open-Cut)	70	LF	\$43.00	\$3,010.00	\$197.00	\$13,790.00	\$140.00	\$9,800.00	\$100.00	\$7,000.00	\$100.00	\$7,000.00	\$41.00	\$2,870.00
13	54" Steel Encasement (Bore & Jack-in soil)	140	LF	\$3,800.00	\$532,000.00	\$876.00	\$122,640.00	\$2,000.00	\$280,000.00	\$1,250.00	\$175,000.00	\$900.00	\$126,000.00	\$2,864.00	\$400,960.00
14	54" Steel Encasement (Bore & Jack-not in soil)	140	LF	\$1,690.00	\$236,600.00	\$2,600.00	\$364,000.00	\$2,000.00	\$280,000.00	\$3,500.00	\$490,000.00	\$2,400.00	\$336,000.00	\$4,184.00	\$585,760.00
15	4' dia. manhole (0-6' cut) precast concrete	2	Ea	\$1,450.00	\$2,900.00	\$5,600.00	\$11,200.00	\$4,500.00	\$9,000.00	\$4,200.00	\$8,400.00	\$3,400.00	\$6,800.00	\$2,855.00	\$5,710.00
16	4' dia. manhole (8-10' cut) precast concrete	2	Ea	\$2,900.00	\$5,800.00	\$6,000.00	\$12,000.00	\$5,000.00	\$10,000.00	\$5,400.00	\$10,800.00	\$4,700.00	\$9,400.00	\$3,560.00	\$7,120.00
17	6' dia. manhole (8-10' cut) polymer concrete	6	Ea	\$23,800.00	\$142,800.00	\$2,400.00	\$14,400.00	\$25,000.00	\$150,000.00	\$26,000.00	\$156,000.00	\$22,500.00	\$135,000.00	\$22,809.00	\$136,854.00
18	6' dia. manhole (10-12' cut) polymer concrete	1	Ea	\$26,650.00	\$26,650.00	\$2,500.00	\$2,500.00	\$26,000.00	\$26,000.00	\$28,000.00	\$28,000.00	\$24,000.00	\$24,000.00	\$24,533.00	\$24,533.00
19	6' dia. manhole (12-14' cut) polymer concrete	1	Ea	\$27,800.00	\$27,800.00	\$2,700.00	\$2,700.00	\$28,000.00	\$28,000.00	\$30,000.00	\$30,000.00	\$27,400.00	\$27,400.00	\$27,023.00	\$27,023.00
20	6' dia. manhole (14-16' cut) polymer concrete	2	Ea	\$29,650.00	\$59,300.00	\$2,800.00	\$5,600.00	\$30,000.00	\$60,000.00	\$34,000.00	\$68,000.00	\$29,300.00	\$58,600.00	\$29,362.00	\$58,724.00
21	6' dia. manhole (16-18' cut) polymer concrete	1	Ea	\$33,530.00	\$33,530.00	\$3,700.00	\$3,700.00	\$32,000.00	\$32,000.00	\$38,000.00	\$38,000.00	\$32,000.00	\$32,000.00	\$32,186.00	\$32,186.00
22	6' dia. manhole (18-20' cut) polymer concrete	1	Ea	\$35,300.00	\$35,300.00	\$3,800.00	\$3,800.00	\$33,000.00	\$33,000.00	\$40,000.00	\$40,000.00	\$33,000.00	\$33,000.00	\$33,593.00	\$33,593.00
23	8' dia. Junction Manhole, complete	1	LS	\$58,000.00	\$58,000.00	\$115,000.00	\$115,000.00	\$98,000.00	\$98,000.00	\$98,000.00	\$98,000.00	\$104,800.00	\$104,800.00	\$49,601.00	\$49,601.00
24	Manhole Vent, complete in-place	2	Ea	\$1,450.00	\$2,900.00	\$2,100.00	\$4,200.00	\$3,600.00	\$7,200.00	\$3,000.00	\$6,000.00	\$2,400.00	\$4,800.00	\$509.00	\$1,018.00
25	Trench Rock Removal	4,700	CY	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00
26	Trench Stabilization Stone	1,100	Ton	\$34.50	\$37,950.00	\$31.00	\$34,100.00	\$35.00	\$38,500.00	\$40.00	\$44,000.00	\$40.00	\$44,000.00	\$51.00	\$56,100.00
27	Select Backfill Borrow Material	2,300	CY	\$33.25	\$76,475.00	\$20.00	\$46,000.00	\$30.00	\$69,000.00	\$25.00	\$57,500.00	\$20.00	\$46,000.00	\$28.50	\$65,550.00
28	Driveway and Shoulder Stone	200	Ton	\$48.00	\$9,600.00	\$34.00	\$6,800.00	\$35.00	\$7,000.00	\$44.00	\$8,800.00	\$40.00	\$8,000.00	\$40.00	\$8,000.00
29	Asphalt Driveway Repair (remove & replace)	200	SY	\$34.50	\$6,900.00	\$135.00	\$27,000.00	\$30.00	\$6,000.00	\$64.00	\$12,800.00	\$58.00	\$11,600.00	\$54.00	\$10,800.00
30	Asphalt Roadway Repair (remove & replace)	410	SY	\$49.00	\$20,090.00	\$180.00	\$73,800.00	\$140.00	\$57,400.00	\$106.00	\$43,460.00	\$148.00	\$60,680.00	\$180.00	\$73,800.00
31	Class B RipRap Outlet Protection	15	SY	\$62.00	\$930.00	\$100.00	\$1,500.00	\$25.00	\$375.00	\$118.00	\$1,770.00	\$110.00	\$1,650.00	\$93.00	\$1,395.00
32	Temporary Silt Fence	8,065	LF	\$2.35	\$18,952.75	\$2.00	\$16,130.00	\$3.00	\$24,195.00	\$3.00	\$24,195.00	\$3.00	\$24,195.00	\$2.20	\$17,743.00
33	Stone Silt Fence Outlets	14	Ea	\$123.00	\$1,722.00	\$300.00	\$4,200.00	\$150.00	\$2,100.00	\$500.00	\$7,000.00	\$600.00	\$8,400.00	\$215.00	\$3,010.00

				Dellinger, Inc. PO Box 929 Monroe, NC 28111		** Garney Companies, Inc. 3200 Glen Royal Road Ste 112 Raleigh, NC 27617		Cleary Construction Inc. 2006 Edmonton Road Tompkinsville, KY 42167		DH Griffin Infrastructure 4716 Hilltop Road Greensboro, NC 27407		JSmith Civil, LLC 3733 N US Hwy 117 Goldsboro, NC 27530		Park Construction of NC, Inc. 416 Airport Blvd. Morrisville, NC 27560	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
34	Temporary Construction Entrance	5	Ea	\$2,900.00	\$14,500.00	\$8,800.00	\$44,000.00	\$4,000.00	\$20,000.00	\$5,500.00	\$27,500.00	\$5,000.00	\$25,000.00	\$5,055.00	\$25,275.00
35	Erosion Control Matting (as directed by Engineer)	800	SY	\$4.75	\$3,800.00	\$1.00	\$800.00	\$6.00	\$4,800.00	\$2.00	\$1,600.00	\$3.00	\$2,400.00	\$1.85	\$1,480.00
36	Seeding & mulching	3.9	Acre	\$2,700.00	\$10,530.00	\$1,300.00	\$5,070.00	\$9,500.00	\$37,050.00	\$2,000.00	\$7,800.00	\$3,900.00	\$15,210.00	\$3,870.00	\$15,093.00
37	Utility Easement Marker	9	Ea	\$84.00	\$756.00	\$674.00	\$6,066.00	\$100.00	\$900.00	\$140.00	\$1,260.00	\$50.00	\$450.00	\$78.00	\$702.00
38	Tracer Wire, complete	4,000	LF	\$0.90	\$3,600.00	\$1.00	\$4,000.00	\$0.20	\$800.00	\$0.25	\$1,000.00	\$0.50	\$2,000.00	\$0.18	\$720.00
39	Tracer Wire Access Box, complete	10	Ea	\$290.00	\$2,900.00	\$1,200.00	\$12,000.00	\$1,000.00	\$10,000.00	\$550.00	\$5,500.00	\$120.00	\$1,200.00	\$92.00	\$920.00
40	CCTV Inspection (8" pipe)	384	LF	\$2.85	\$1,094.40	\$1.00	\$384.00	\$1.25	\$480.00	\$2.00	\$768.00	\$4.00	\$1,536.00	\$2.50	\$960.00
41	CCTV Inspection (36" thru 48" pipe)\	2,820	LF	\$2.85	\$8,037.00	\$2.00	\$5,640.00	\$2.25	\$6,345.00	\$3.50	\$9,870.00	\$6.00	\$16,920.00	\$2.70	\$7,614.00
42	Wood Fence w/Gate	1	LS	\$4,900.00	\$4,900.00	\$5,500.00	\$5,500.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00	\$4,200.00	\$4,200.00
43	Remove/Abandon Ex. Manhole (Ea.)	6	Ea	\$960.00	\$5,760.00	\$2,100.00	\$12,600.00	\$1,100.00	\$6,600.00	\$1,700.00	\$10,200.00	\$2,000.00	\$12,000.00	\$565.00	\$3,390.00
44	Remove Ex. Aerial Sewer & Piers (LF)	75	LF	\$75.00	\$5,625.00	\$163.00	\$12,225.00	\$150.00	\$11,250.00	\$300.00	\$22,500.00	\$130.00	\$9,750.00	\$36.00	\$2,700.00
<b>TOTAL BASE BID (sum of items 1-44)</b>					\$2,572,429.15		\$2,528,045.00		\$2,856,772.00		\$2,967,646.00		\$3,163,367.00		\$3,170,668.00
		QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ALTERNATE BID</b>															
1	42" DIP, P401 (PC 250) Gravity Sewer (5-10' cut)	1,320	LF	\$495.00	\$653,400.00	\$530.00	\$699,600.00	\$445.00	\$587,400.00	\$475.00	\$627,000.00	\$787.00	\$1,038,840.00	\$468.00	\$617,760.00
2	42" DIP, P401 (PC 250) Gravity Sewer (10-15' cut)	950	LF	\$525.00	\$498,750.00	\$541.00	\$513,950.00	\$450.00	\$427,500.00	\$475.00	\$451,250.00	\$840.00	\$798,000.00	\$509.50	\$484,025.00
3	42" DIP, P401 (PC 250) Gravity Seewr (15-20' cut)	370	LF	\$580.00	\$214,600.00	\$573.00	\$212,010.00	\$495.00	\$183,150.00	\$475.00	\$175,750.00	\$897.00	\$331,890.00	\$573.00	\$212,010.00
4	42" DIP, P401 (PC 250) Gravity Sewer installed in encasement	140	LF	\$442.25	\$61,915.00	\$466.00	\$65,240.00	\$490.00	\$68,600.00	\$414.00	\$57,960.00	\$760.00	\$106,400.00	\$468.00	\$65,520.00
<b>Equipment &amp; Material Manufacturers</b>															
<b>Section</b>		<b>Equipment/Materials</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>	
33 05 18		Polymer Concrete Manholes		Armorock		Armorock		Armorock		Armorock		Armorock		Armorock	
33 31 15		CCFRP Pipe (Fiberglass)		Thompson Pipe		Hobas		Hobas		Hobas		Hobas		Thompson/Flowtite	
33 31 15		Ductile Iron Pipe		American		American		US Pipe		Americian		American		US Pipe	

xxx Math error corrected for tabulation  
 \*\* Due to math error, Bidder has requested to withdraw bid

ITEM	DESCRIPTION	QUANTITY	UNIT	Thalle Construction Co. Inc.		Yates Construction Co. Inc.		Buckeye Bridge, LLC		B.R.S., Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>BASE BID</b>											
1	Mobilization (Max. 3% of bid)	1	LS	\$95,000.00	\$95,000.00	\$99,525.74	\$99,525.74	\$56,125.00	\$56,125.00	\$108,000.00	\$108,000.00
2	Clearing & grubbing	1.97	Acre	\$75,000.00	\$147,750.00	\$13,555.54	\$26,704.41	\$30,600.00	\$60,282.00	\$40,000.00	\$78,800.00
3	2" PVC force main	437	LF	\$24.00	\$10,488.00	\$10.66	\$4,658.42	\$70.00	\$30,590.00	\$43.00	\$18,791.00
4	8" PVC (SDR-26) Gravity Sewer (0-6' cut)	43	LF	\$76.00	\$3,268.00	\$57.62	\$2,477.66	\$89.00	\$3,827.00	\$91.00	\$3,913.00
5	8" PVC (SDR-26) Gravity Sewer (6-8' cut)	116	LF	\$80.00	\$9,280.00	\$68.54	\$7,950.64	\$95.00	\$11,020.00	\$98.00	\$11,368.00
6	8" PVC (SDR 26) Gravity Sewer (8-10' cut)	225	LF	\$85.00	\$19,125.00	\$84.75	\$19,068.75	\$106.00	\$23,850.00	\$100.00	\$22,500.00
7	36" CCFRP (SN 46) Gravity Sewer (5-10' cut)	40	LF	\$450.00	\$18,000.00	\$296.31	\$11,852.40	\$259.00	\$10,360.00	\$500.00	\$20,000.00
8	42" CCFRP (SN 46) Gravity Sewer (5-10' cut)	1,320	LF	\$322.00	\$425,040.00	\$320.00	\$422,400.00	\$319.00	\$421,080.00	\$555.00	\$732,600.00
9	42" CCFRP (SN 46) Gravity Sewer (10-15' cut)	950	LF	\$337.00	\$320,150.00	\$355.31	\$337,544.50	\$344.00	\$326,800.00	\$625.00	\$593,750.00
10	42" CCFRP (SN 72) Gravity Sewer (15-20' cut)	370	LF	\$480.00	\$177,600.00	\$423.35	\$156,639.50	\$407.00	\$150,590.00	\$740.00	\$273,800.00
11	42" CCFRP (SN 46) Gravity Sewer installed in encasement	140	LF	\$290.00	\$40,600.00	\$222.83	\$31,196.20	\$339.00	\$47,460.00	\$226.00	\$31,640.00
12	8" Steel Encasement (Open-Cut)	70	LF	\$80.00	\$5,600.00	\$61.49	\$4,304.30	\$155.00	\$10,850.00	\$190.00	\$13,300.00
13	54" Steel Encasement (Bore & Jack-in soil)	140	LF	\$850.00	\$119,000.00	\$2,869.02	\$401,662.80	\$1,618.00	\$226,520.00	\$1,275.00	\$178,500.00
14	54" Steel Encasement (Bore & Jack-not in soil)	140	LF	\$2,500.00	\$350,000.00	\$4,201.02	\$588,142.80	\$6,267.00	\$877,380.00	\$3,000.00	\$420,000.00
15	4' dia. manhole (0-6' cut) precast concrete	2	Ea	\$6,460.00	\$12,920.00	\$3,537.08	\$7,074.16	\$2,448.00	\$4,896.00	\$7,500.00	\$15,000.00
16	4' dia. manhole (8-10' cut) precast concrete	2	Ea	\$8,300.00	\$16,600.00	\$4,572.09	\$9,144.18	\$2,951.00	\$5,902.00	\$7,800.00	\$15,600.00
17	6' dia. manhole (8-10' cut) polymer concrete	6	Ea	\$36,200.00	\$217,200.00	\$22,241.63	\$133,449.78	\$24,248.00	\$145,488.00	\$27,000.00	\$162,000.00
18	6' dia. manhole (10-12' cut) polymer concrete	1	Ea	\$37,300.00	\$37,300.00	\$20,290.80	\$20,290.80	\$25,690.00	\$25,690.00	\$28,000.00	\$28,000.00
19	6' dia. manhole (12-14' cut) polymer concrete	1	Ea	\$40,100.00	\$40,100.00	\$35,984.96	\$35,984.96	\$28,137.00	\$28,137.00	\$29,000.00	\$29,000.00
20	6' dia. manhole (14-16' cut) polymer concrete	2	Ea	\$42,400.00	\$84,800.00	\$23,415.45	\$46,830.90	\$30,836.00	\$61,672.00	\$30,000.00	\$60,000.00
21	6' dia. manhole (16-18' cut) polymer concrete	1	Ea	\$45,700.00	\$45,700.00	\$25,886.93	\$25,886.93	\$34,401.00	\$34,401.00	\$32,000.00	\$32,000.00
22	6' dia. manhole (18-20' cut) polymer concrete	1	Ea	\$46,700.00	\$46,700.00	\$26,659.66	\$26,659.66	\$35,324.00	\$35,324.00	\$33,000.00	\$33,000.00
23	8' dia. Junction Manhole, complete	1	LS	\$252,500.00	\$252,500.00	\$47,773.21	\$47,773.21	\$59,257.00	\$59,257.00	\$85,000.00	\$85,000.00
24	Manhole Vent, complete in-place	2	Ea	\$1,488.00	\$2,976.00	\$7,492.50	\$14,985.00	\$615.00	\$1,230.00	\$2,100.00	\$4,200.00
25	Trench Rock Removal	4,700	CY	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00	\$85.00	\$399,500.00
26	Trench Stabilization Stone	1,100	Ton	\$35.00	\$38,500.00	\$79.22	\$87,142.00	\$45.20	\$49,720.00	\$38.00	\$41,800.00
27	Select Backfill Borrow Material	2,300	CY	\$31.00	\$71,300.00	\$89.71	\$206,333.00	\$53.10	\$122,130.00	\$25.00	\$57,500.00
28	Driveway and Shoulder Stone	200	Ton	\$55.00	\$11,000.00	\$112.11	\$22,422.00	\$41.40	\$8,280.00	\$38.00	\$7,600.00
29	Asphalt Driveway Repair (remove & replace)	200	SY	\$89.00	\$17,800.00	\$67.88	\$13,576.00	\$133.00	\$26,600.00	\$10.00	\$2,000.00
30	Asphalt Roadway Repair (remove & replace)	410	SY	\$116.00	\$47,560.00	\$122.10	\$50,061.00	\$224.00	\$91,840.00	\$10.00	\$4,100.00
31	Class B RipRap Outlet Protection	15	SY	\$59.00	\$885.00	\$47.40	\$711.00	\$54.10	\$811.50	\$15.00	\$225.00
32	Temporary Silt Fence	8,065	LF	\$2.50	\$20,162.50	\$5.00	\$40,325.00	\$3.00	\$24,195.00	\$3.00	\$24,195.00
33	Stone Silt Fence Outlets	14	Ea	\$493.00	\$6,902.00	\$240.00	\$3,360.00	\$254.00	\$3,556.00	\$38.00	\$532.00

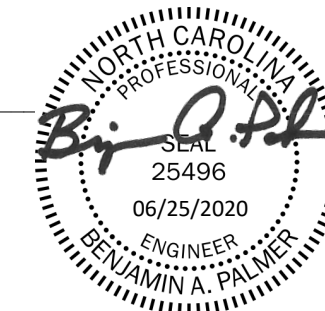
				Thalle Construction Co. Inc. 900 NC Highway 86 North Hillsborough, NC 27278		Yates Construction Co. Inc. 9220 NC 65 Stokesdale, NC 27357		Buckeye Bridge, LLC PO Box 1367 Canton, NC 28716		B.R.S., Inc. 208 N. Hwy 49 Richfield, NC 28137	
ITEM	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
34	Temporary Construction Entrance	5	Ea	\$2,164.00	\$10,820.00	\$7,000.00	\$35,000.00	\$1,305.00	\$6,525.00	\$5,500.00	\$27,500.00
35	Erosion Control Matting (as directed by Engineer)	800	SY	\$2.00	\$1,600.00	\$1.89	\$1,512.00	\$2.00	\$1,600.00	\$4.00	\$3,200.00
36	Seeding & mulching	3.9	Acre	\$2,533.00	\$9,878.70	\$2,775.00	\$10,822.50	\$4,687.00	\$18,279.30	\$2,000.00	\$7,800.00
37	Utility Easement Marker	9	Ea	\$95.00	\$855.00	\$138.75	\$1,248.75	\$110.00	\$990.00	\$125.00	\$1,125.00
38	Tracer Wire, complete	4,000	LF	\$2.50	\$10,000.00	\$0.97	\$3,880.00	\$0.20	\$800.00	\$2.00	\$8,000.00
39	Tracer Wire Access Box, complete	10	Ea	\$310.00	\$3,100.00	\$382.95	\$3,829.50	\$269.00	\$2,690.00	\$415.00	\$4,150.00
40	CCTV Inspection (8" pipe)	384	LF	\$3.25	\$1,248.00	\$5.25	\$2,016.00	\$3.90	\$1,497.60	\$2.75	\$1,056.00
41	CCTV Inspection (36" thru 48" pipe)	2,820	LF	\$5.70	\$16,074.00	\$8.05	\$22,701.00	\$4.00	\$11,280.00	\$2.85	\$8,037.00
42	Wood Fence w/Gate	1	LS	\$2,740.00	\$2,740.00	\$4,329.00	\$4,329.00	\$6,279.00	\$6,279.00	\$4,000.00	\$4,000.00
43	Remove/Abandon Ex. Manhole (Ea.)	6	Ea	\$2,530.00	\$15,180.00	\$2,541.90	\$15,251.40	\$828.00	\$4,968.00	\$2,000.00	\$12,000.00
44	Remove Ex. Aerial Sewer & Piers (LF)	75	LF	\$160.00	\$12,000.00	\$144.30	\$10,822.50	\$35.10	\$2,632.50	\$135.00	\$10,125.00
<b>TOTAL BASE BID (sum of items 1-44)</b>					\$3,194,802.20		\$3,417,050.35		\$3,442,904.90		\$3,595,207.00
		QUANTITY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
<b>ALTERNATE BID</b>											
1	42" DIP, P401 (PC 250) Gravity Sewer (5-10' cut)	1,320	LF	\$450.00	\$594,000.00	\$539.00	\$711,480.00	\$479.00	\$632,280.00	\$715.00	\$943,800.00
2	42" DIP, P401 (PC 250) Gravity Sewer (10-15' cut)	950	LF	\$460.00	\$437,000.00	\$482.48	\$458,356.00	\$504.00	\$478,800.00	\$785.00	\$745,750.00
3	42" DIP, P401 (PC 250) Gravity Seewr (15-20' cut)	370	LF	\$610.00	\$225,700.00	\$529.54	\$195,929.80	\$541.00	\$200,170.00	\$900.00	\$333,000.00
4	42" DIP, P401 (PC 250) Gravity Sewer installed in encasement	140	LF	\$390.00	\$54,600.00	\$647.73	\$90,682.20	\$639.00	\$89,460.00	\$518.00	\$72,520.00
<b>Equipment &amp; Material Manufacturers</b>											
<b>Section</b>		<b>Equipment/Materials</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>		<b>Manufacturer</b>	
33 05 18		Polymer Concrete Manholes		Armorock		Armorock		Armorock		Armorock	
33 31 15		CCFRP Pipe (Fiberglass)		Hobas		Hobas		Hobas		Hobas	
33 31 15		Ductile Iron Pipe		Capitol		US Pipe		US Pipe		US Pipe	

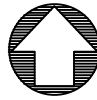
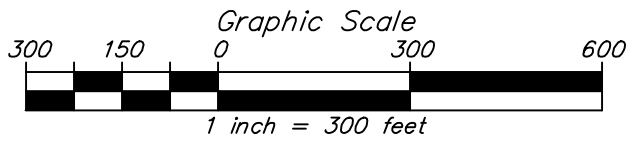
**xxx** Math error corrected for tabulation  
\*\* Due to math error, Bidder has requested to withdraw bid

THIS IS TO CERTIFY THAT THIS TABULATION IS CORRECT AND A TRUE AND ACCURATE COPY OF THE BIDS SUBMITTED. THIS THE 24TH DAY OF JUNE, 2020.

DAVIS • MARTIN • POWELL & ASSOCIATES

By: \_\_\_\_\_  
Ben Palmer, PE





PARCEL INFORMATION TAKEN FROM AVAILABLE GIS DATA



**DAVIS • MARTIN • POWELL**  
**ENGINEERS & SURVEYORS**

6415 OLD PLANK RD, HIGH POINT, NC 27265  
(336) 886-4821 | WWW.DMP-INC.COM | LICENSE: F-0245

CITY OF HIGH POINT, NC  
RIVERDALE PUMP STATION UPGRADES  
GRAVITY SEWER EXTENSION  
PROJECT LOCATION MAP