

CHANGE ORDER NO. 3 (SUMMARY CHANGE ORDER)

OWNER: City of Laurel

CONTRACTOR: DNA Underground, LLC

PROJECT NAME: 5th and 13th Avenue Utility Improvements

REASON FOR CHANGE: Summary change to finalize quantities due to actual quantities varying from plan quantities. Adjustment of contract time for unforeseen delays.

You Are Hereby Requested to Comply with the Following Changes from the Contract Plans, Specifications and Contract Documents: (Use Additional Sheets if Required)

REVISION TO QUANTITIES							
ITEM NO.	CONTRACT ITEMS	PLAN QTY	ACTUAL QTY	CHANGE IN QTY	UNIT	UNIT COST	CONTRACT CHANGE
1.0	Mobilization	1	1	0	LS	\$ 210,000.00	\$ -
2.0	Site Work	1	1	0	LS	\$ 165,000.00	\$ -
3.0	Maintenance of Traffic	1	1	0	LS	\$ 80,000.00	\$ -
4.0	6" C-900 PVC Water Line, Incl. Select Bedding	1,400	1,260.21	-139.79	LF	\$ 28.00	\$ (3,914.04)
4.1	8" C-900 PVC Water Line, Incl. Select Bedding	17,000	16,461.15	-538.85	LF	\$ 30.00	\$ (16,165.50)
4.2	10" C-900 PVC Water Line, Incl. Select Bedding	800	750.42	-49.58	LF	\$ 37.00	\$ (1,834.46)
4.3	10" Ductile Iron Water Line, Incl. Select Bedding	140	106	-34	LF	\$ 70.00	\$ (2,380.00)
4.4	6" Ductile Iron Water Line, Incl. Select Bedding	80	0	-80	LF	\$ 60.00	\$ (4,800.00)
5.0	6" HDPE Water Line (Directional Drill)	3,000	2,810	-190	LF	\$ 82.00	\$ (15,560.00)
6.0	6" Hot Tap of 10" and Smaller Main	3	3	0	EA	\$ 3,000.00	\$ -
6.1	8" Hot Tap of 10" and Smaller Main	3	2	-1	EA	\$ 4,000.00	\$ (4,000.00)
6.2	8" Hot Tap of 12" PVC Main	1	1	0	EA	\$ 4,000.00	\$ -
6.3**	8" Hot Tap of 16" Cast Iron Main	0	0	0	EA	\$ 4,400.00	\$ -
6.4	10" Hot Tap of 10" Main	1	1	0	EA	\$ 5,500.00	\$ -
7.0	6" Line Stop	3	6	3	EA	\$ 5,000.00	\$ 15,000.00
7.1	8" Line Stop	3	1	-2	EA	\$ 5,500.00	\$ (11,000.00)
7.2	10" Line Stop	3	3	0	EA	\$ 8,500.00	\$ -
8.0	6" Valve Insertion	3	4	1	EA	\$ 7,000.00	\$ 7,000.00
8.1	8" Valve Insertion	3	1	-2	EA	\$ 7,400.00	\$ (14,800.00)
8.2	10" Valve Insertion	2	0	-2	EA	\$ 16,000.00	\$ (32,000.00)
9.0	Tie To Existing 4" and Smaller Main	20	22	2	EA	\$ 1,800.00	\$ 3,600.00
9.1	Tie to Existing 6" to 8" Main	45	45	0	EA	\$ 2,500.00	\$ -
9.2	Tie to Existing 10" Main	3	2	-1	EA	\$ 3,500.00	\$ (3,500.00)
10.0	Disconnect and Plug Existing 3" and Smaller Main	10	11	1	EA	\$ 750.00	\$ 750.00
10.1	Disconnect and Plug Existing 4" to 6" Main	40	35	-5	EA	\$ 900.00	\$ (4,500.00)
10.2	Disconnect and Plug Existing 8" to 10" Main	15	6	-9	EA	\$ 950.00	\$ (8,550.00)
11.0	3" and Smaller Gate Valve Assembly	5	9	4	EA	\$ 950.00	\$ 3,800.00
11.1	4" to 6" Gate Valve Assembly	35	48	13	EA	\$ 1,200.00	\$ 15,600.00
11.2	8" Gate Valve Assembly	60	62	2	EA	\$ 1,400.00	\$ 2,800.00
11.3	10" Gate Valve Assembly	8	5	-3	EA	\$ 2,800.00	\$ (8,400.00)
12.0	Fire Hydrant Removal	25	25	0	EA	\$ 200.00	\$ -
13.0	Fire Hydrant with Gate Valve Assembly	35	34	-1	EA	\$ 4,000.00	\$ (4,000.00)
14.0	Fittings, Ductile Iron, Mechanical Joint	15,000	15,224	224	LBS	\$ 8.00	\$ 1,792.00
15.0	Water Service Assembly from Proposed Main to Existing Meter (Long)	140	156	16	EA	\$ 1,150.00	\$ 18,400.00
15.1	Water Service Assembly from Proposed Main to Existing Meter (Short)	180	194	14	EA	\$ 750.00	\$ 10,500.00
16.0	Remove and Replace Existing Meters w/ Owner Supplied Meters	40	0	-40	EA	\$ 450.00	\$ (18,000.00)

17	Clean and CCTV 6" and Smaller Sewer Main	700	648.3	-51.7	LF	\$ 3.00	\$ (155.10)
17.1	Clean and CCTV 8" Sewer Main	16,000	20,143.05	4143.05	LF	\$ 3.00	\$ 12,429.15
17.2	Clean and CCTV 15" Sewer Main	2,000	1,678.80	-321.20	LF	\$ 3.50	\$ (1,124.20)
18	Reconstruction of 6" Sewer Main by CIPP	500	200	-300	LF	\$ 32.00	\$ (9,600.00)
18.1**	Reconstruction of 8" Sewer Main by CIPP	11,500	12,179.5	679.5	LF	\$ 27.00	\$ 18,346.50
19	Manhole Rehabilitation	340	311.75	-28.25	VLF	\$ 245.00	\$ (6,921.25)
20	Removal of Existing Manhole	6	8	2	EA	\$ 1,500.00	\$ 3,000.00
21	48" Diameter Concrete Manhole, 0 – 6 ft.	4	10	6	EA	\$ 3,200.00	\$ 19,200.00
21.1	48" Diameter Concrete Manhole, 6 – 8 ft.	2	3	1	EA	\$ 3,800.00	\$ 3,800.00
21.2	48" Diameter Concrete Manhole, 8 – 10 ft.	2	0	-2	EA	\$ 4,200.00	\$ (8,400.00)
22	Removal of Sewer Services	230	282	52	EA	\$ 200.00	\$ 10,400.00
23	Sewer Service Installation, Long	135	148	13	EA	\$ 650.00	\$ 8,450.00
23.1	Sewer Service Installation, Short	95	163	68	EA	\$ 450.00	\$ 30,600.00
24	Sewer Service CCTV Inspection, Long	45	34	-11	EA	\$ 215.00	\$ (2,365.00)
24.1	Sewer Service CCTV Inspection, Short	35	34	-1	EA	\$ 195.00	\$ (195.00)
24.2	Sewer Service Rehabilitation, Long	45	0	-45	EA	\$ 1,000.00	\$ (45,000.00)
24.3	Sewer Service Rehabilitation, Short	35	0	-35	EA	\$ 800.00	\$ (28,000.00)
25	Sewer Service Cleanout – Rehabilitated Service	80	50	-30	EA	\$ 275.00	\$ (8,250.00)
26	Removal of Existing Inlet/Junction Box	6	8	2	EA	\$ 1,200.00	\$ 2,400.00
27	Junction Box	1	1	0	EA	\$ 9,000.00	\$ -
27.1	B-9 Inlet	1	3	2	EA	\$ 3,500.00	\$ 7,000.00
27.2	SS-2 Curb Inlet	5	5	0	EA	\$ 4,000.00	\$ -
27.3	Gutter Inlet	2	2	0	EA	\$ 4,000.00	\$ -
28.0**	HDPE Stormwater Pipe, N12, WT, 15" Diameter	442	441.75	-0.25	LF	\$ 38.00	\$ (9.50)
28.1	HDPE Stormwater Pipe, N12, WT, 18" Diameter	40	35	-5	LF	\$ 41.00	\$ (205.00)
28.2**	HDPE Stormwater Pipe, N12, WT, 24" Diameter	628	675.83	47.83	LF	\$ 60.00	\$ 2,869.80
28.3	HDPE Stormwater Pipe, N12, WT, 36" Diameter	40	35	-5	LF	\$ 75.00	\$ (375.00)
29	Driveway Removal and Replacement, Gravel	150	83.88	-66.12	SY	\$ 20.00	\$ (1,322.40)
29.1	Driveway Removal and Replacement, Asphalt	400	0	-400	SY	\$ 22.00	\$ (8,800.00)
29.2	Driveway Removal and Replacement, Concrete	1,000	464.649	-535.351	SY	\$ 22.00	\$ (11,777.72)
30	Removal of Pavement, All Types, All Depths	11,500	9,653.76	-1,846.24	SY	\$ 8.00	\$ (14,769.90)
30.1	Removal of Concrete Slab Under Pavement	1,600	1,678.45	78.45	SY	\$ 8.00	\$ 627.60
31	Removal of Curb and Gutter, All Types	3,000	1,704.08	-1,295.92	LF	\$ 5.00	\$ (6,479.60)
31.1	Concrete Curb and Gutter	3,000	1,905.41	-1,094.59	LF	\$ 20.00	\$ (21,891.80)
32	Removal and Replacement of Sidewalk, All Types, All Thickness	700	839.822	139.822	SY	\$ 60.00	\$ 8,389.32
33	Hot Mix Asphalt, ST, 9.5 mm Mixture, Surface Course	1,300	247.7	+1,052.3	Ton	\$ 213.00	\$ (224,139.90)
33.1	Hot Mix Asphalt, ST, 12.5 mm Mixture, Base Course	2,600	3,717.62	1,117.62	Ton	\$ 239.00	\$ 267,109.99
34	Vehicle Loop Assemblies	16	0	-16	EA	\$ 5,000.00	\$ (80,000.00)
35	Select Backfill	15,000	6,150.73	-8,849.27	CY	\$ 16.00	\$ (141,588.35)
36	Crushed Stone Base	2,000	1,088.76	-911.24	CY	\$ 50.00	\$ (45,561.95)
37	Establishment of Vegetation, Seeding	1,500	0	-1,500	SY	\$ 5.00	\$ (7,500.00)
37.1	Establishment of Vegetation, Solid Sod	6,800	1,375	-5,425	SY	\$ 8.00	\$ (43,400.00)
38	Point Repair of 8" and Smaller Sewer Main, 0 – 6 ft.	100	204.08	104.08	LF	\$ 400.00	\$ 41,632.00
38.1	Point Repair of 8" and Smaller Sewer Main, 6 – 8 ft.	100	89.793	-10.207	LF	\$ 500.00	\$ (5,103.50)
38.2	Point Repair of 8" and Smaller Sewer Main, 8 – 10 ft.	100	14	-86	LF	\$ 600.00	\$ (51,600.00)
38.3	Point Repair of 8" and Smaller Sewer Main, 10 – 14 ft.	100	32.5	-67.5	LF	\$ 700.00	\$ (47,250.00)
39.0**	8" SDR-26 Sewer Main w/ Select Bedding	2,961	2,981	20	LF	\$ 45.00	\$ 900.00
CO1*	8" Hot Tap of 16" PCCP	1	1	0	LS	\$ 18,413.25	\$ -
CO2*	Unforeseen Excavations	1	1	0	LS	\$ 8,290.00	\$ -
<p>* Item was not part of the original contract and was added by previously approved change orders.</p> <p>** Original plan quantity was changed by previous change orders.</p> <p style="text-align: right;">Total Change = \$ (458,812.81)</p>							

ORIGINAL CONTRACT AMOUNT:	\$	5,246,440.00
TOTAL CONTRACT CHANGES TO DATE:	\$	74,824.25
CURRENT CONTRACT AMOUNT:	\$	5,321,264.25
THIS CONTRACT CHANGE:	\$	(458,812.81) .82
REVISED CONTRACT AMOUNT:	\$	4,862,451.44
CURRENT CONTRACT COMPLETION DATE:		October 1, 2019
TIME EXTENSION REQUIRED BY CHANGE:		259 days
REVISED CONTRACT COMPLETION DATE:		June 16, 2020

NOTE: THIS DOCUMENT SHALL BE AN AMENDMENT TO THE CONTRACT AND ALL PROVISIONS OF THE CONTRACT WILL APPLY.


RECOMMENDED BY:


Neel-Schaffer, Inc.
ENGINEER

9/14/2020

DATE

ACCEPTED BY:


DNA Underground, LLC
CONTRACTOR

9/19/20
DATE

APPROVED BY:

City of Laurel, Mississippi
OWNER

DATE

September 14, 2020

Mr. Tom Rice
DNA Underground, LLC
16101 South Swan Road
Gulfport, MS 39503

REFERENCE: Request for Time Extension Due To Unforeseen Delays
5th and 13th Avenue Utility Improvements
City of Laurel, Mississippi

Dear Mr. Rice:

We have reviewed the request for additional time submitted by DNA Underground in your letter dated August 17, 2020, related to unforeseen delays and additional work that has been required due to unforeseen issues during construction.

The information provided corresponds with the information we have documented through daily inspection reports and email communications during the project. However, there are several time periods noted that overlap the dates of other requests. Since this contract is counted in Calendar Days and not dependent on the number of crews, we will not grant multiple days for the same time period. Therefore, we are reducing the days requested to account for these overlaps.

Of the 305.5 days that you have claimed, we are recommending 259 days be added to the contract for the delays substantiated in your request, as noted on the attached mark up of your request. This would result in a revised completion date of June 16, 2020. We also note that no weather days were requested in this claim, and we have not reviewed the contract period to determine if any weather days are substantiated.

If you have any questions, please contact me at your convenience.

Sincerely,
NEEL-SCHAFFER, INC.



Kris Lightsey, P.E., Ph.D.
Senior Project Manager

Attachments

Laurel 5th and 13th Project Delays

Start Date	Finish Date	Number of days delayed	Delay Rational
7/17/2019	8/28/2019	42.00	Could not isolate the intersections between Northview and 21st street on 5th avenue, needed two each 8" insert-a-valves.
9/27/2019	10/16/2019	19.00 13	Valve isolation for intersection of 5th ave., and Oak street would cause outage to many customers, line stop required for tie in.
10/9/2019	10/15/2019	6.00	Valve isolation for intersection of 13th ave., and Congress street could not isolate intersection, line stop required for tie in.
10/17/2019	12/18/2019	62.00 39	Valve Isolation for intersection of 13th ave., and 1st street. Including installation of line stop to complete tie in. Multiple attempts to shutdown this intersection, very many unknown feeds and valves to isolate.
10/22/2019	10/29/2019	7.00	Intersection of 5th ave., and Sawmill, 6" tie in location was actually a 10" had to order 10" line stop.
11/15/2019	11/25/2019	10.00	Began tie in at 5th ave., and 23rd street, ran piping but could not stop flow with isolation valves had to schedule a line stop for this location
12/12/2019	12/19/2019	7.00	After initial attempt at the tie in at 5th Ave., and 15th Street it was determined that a line stop had to be scheduled to complete the tie in, line stop was installed on 12/19/20
12/17/2020	12/18/2020	1.00	Tornado struck downtown the evening of 12/16, work was halted on 12/17/20 due to clean up of debris and re-routing traffic through work area at 13th and 1st street.
2/14/2020	4/10/2020	56.00 39	From discovery of requirement of 2-new manholes,submitting drawings, shop drawings for manholes, manufacturing to Installation of extra manholes 732A and 732B
Partial Overlap			
3/24/2020	4/21/2020	28.00	Differing conditions at intersection of 5th ave., and 10th street, there was an unknown 4 inch line and the existing 8" main had a connection going to the East that was not shown. Initial notification was 11/4/19, it took a lot of research to confirm the unmarked lines, nothing shown on city as built drawings. Confirmation was made that the 4" was inactive on 3/24/20 and further investigation was on going for the isolation of the 8" valve.
5/2/2020	5/8/2020	6.00	Missed Connection of unknown fire main at the St John School
6/1/2020	6/5/2020	4.00	Added CIPP lining from new manhole 732 A to Jefferson St, also added CIPP lining from new manhole 1044 A to 1044,
		44.50	Over/Under days for contract summary change order for unit price work.
		13.00	Covid-19 Impact - Notification (3/18/20) to Substantial Completion (6/9/20) = 83 days at a 15% production loss for a total of 13 days requested.
		305.50	Total Numbers of Delay Claim

258.5 ~= 259



August 17, 2020

Kris Lightsey, P.E., Ph.D.

Neel-Schaffer, Inc.
328 N. Magnolia Street
Laure, MS 39440

Re: City of Laurel, MS. – 5th & 13th Avenue Utility Improvements
Additional Days Requested for Delays and Additional Work

Dear Mr. Lightsey,

DNA Underground, LLC., formally request additional days be added to the contract for the reasons listed in summary below. A detailed per item of delay(s) is attached.

Additional days requested are the results of time and effort to assist isolating water valves for certain intersections along 5th Avenue and 13th Avenue. Suez water was immensely helpful in working through these areas, in some instances the existing valves would not close or were not found, resulting in the installation of insert-a-valves and or line stops. These delays greatly impacted the work schedule.

Additional days are requested for the installation of additional manholes and CIPP lining at 13th Avenue and Jefferson. Discovery of an alignment issue with the existing sewer main in this vicinity required the new manholes including the submittal of drawings, manufacturing time, delivery, and installation. Additional CIPP was required due to the installation of these manholes.

After reconciling the over/under quantities of the project we are requesting additional days as it pertains to additional work required.

There was a delay because of the Tornado that struck the project location in December 2019. Work that was scheduled had to be postponed due to traffic re-routing.

Finally, DNA experienced a production loss due to the Covid-19 pandemic. DNA sent out notification on 3/18/20 as to the possibility of delays due to Covid-19. The impact to production was created due to testing of employees who may have been exposed and having those employees quarantined for a certain number of days. While it would be hard to pinpoint exact

dates of delays, we felt that a fair assessment to quantify the impact of this worldwide pandemic would be a 15% production loss. We took the total number of days between 3/18/20 and substantial completion 6/9/20 which equals 83 days and used a 15% production loss as our impact. Resulting in 13 days of delay

Attached is a detailed breakdown and notifications of all described delays.

Total days requested for over contract quantities: 305.50 Days

If you have any questions or need additional information, please do not hesitate to call.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Tom Rice', with a stylized, flowing script.

Tom Rice
DNA Underground LLC.

Laurel 5th and 13th Project Delays

Start Date	Finish Date	Number of days delayed	Delay Rational
7/17/2019	8/28/2019	42.00	Could not isolate the intersections between Northview and 21st street on 5th avenue, needed two each 8" insert-a-valves.
9/27/2019	10/16/2019	19.00	Valve isolation for intersection of 5th ave., and Oak street would cause outage to many customers, line stop required for tie in.
10/9/2019	10/15/2019	6.00	Valve isolation for intersection of 13th ave., and Congress street could not isolate intersection, line stop required for tie in.
10/17/2019	12/18/2019	62.00	Valve Isolation for intersection of 13th ave., and 1st street. Including installation of line stop to complete tie in. Multiple attempts to shutdown this intersection, very many unknown feeds and valves to isolate.
10/22/2019	10/29/2019	7.00	Intersection of 5th ave., and Sawmill, 6" tie in location was actually a 10" had to order 10" line stop.
11/15/2019	11/25/2019	10.00	Began tie in at 5th ave., and 23rd street, ran piping but could not stop flow with isolation valves had to schedule a line stop for this location
12/12/2019	12/19/2019	7.00	After initial attempt at the tie in at 5th Ave., and 15th Street it was determined that a line stop had to be scheduled to complete the tie in, line stop was installed on 12/19/20
12/17/2020	12/18/2020	1.00	Tornado struck downtown the evening of 12/16, work was halted on 12/17/20 due to clean up of debris and re-routing traffic through work area at 13th and 1st street.
2/14/2020	4/10/2020	56.00	From discovery of requirement of 2-new manholes,submitting drawings, shop drawings for manholes, manufacturing to Installation of extra manholes 732A and 732B
3/24/2020	4/21/2020	28.00	Differing conditions at intersection of 5th ave., and 10th street, there was an unknown 4 inch line and the existing 8" main had a connection going to the East that was not shown. Initial notification was 11/4/19, it took a lot of research to confirm the unmarked lines, nothing shown on city as built drawings. Confirmation was made that the 4" was inactive on 3/24/20 and further investigation was on going for the isolation of the 8" valve.
5/2/2020	5/8/2020	6.00	Missed Connection of unknown fire main at the St John School
6/1/2020	6/5/2020	4.00	Added CIPP lining from new manhole 732 A to Jefferson St, also added CIPP lining from new manhole 1044 A to 1044,
		44.50	Over/Under days for contract summary change order for unit price work.
		13.00	Covid-19 Impact - Notification (3/18/20) to Substantial Completion (6/9/20) = 83 days at a 15% production loss for a total of 13 days requested.
		305.50	Total Numbers of Delay Claim

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): 5th Ave and 13th Ave Utility Improvements								Application Number:									
Application Period:								Application Date:									
A					B		C	E	C	D	E						
Item		Contract Information				Quantity Previous App	Value Previous	Estimated Quantity Installed	Value of Work	Materials Presently Stored	Total Completed and Stored to Date (E+F+G)	% (H / B)	Balance to Finish (B - H)	Plus/Minus Qty	Additional / Negative Days Claimed per Unit	Additional / Negative Days Claimed Total	
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)												
1	Mobilization	1	LS	\$ 210,000.00	\$ 210,000.00	1	\$ 210,000.00				\$210,000.00	100.0%	\$ -				
2	Site Work	1	LS	\$ 165,000.00	\$ 165,000.00	1	\$ 165,000.00				\$165,000.00	100.0%	\$ -				
3	Maintenance of Traffic	1	LS	\$ 80,000.00	\$ 80,000.00	1	\$ 80,000.00				\$80,000.00	100.0%	\$ -				
4	6" C-900 PVC Water Line, Incl. Select Bedding	1400	LF	\$ 28.00	\$ 39,200.00	1260.213	\$ 35,285.96				\$35,285.96	90.0%	\$ 3,914.04	(139.79)	0.007	-0.979	
4.1	8" C-900 PVC Water Line, Incl. Select Bedding	17000	LF	\$ 30.00	\$ 510,000.00	16461.15	\$ 493,834.50				\$493,834.50	96.8%	\$ 16,165.50	(538.85)	0.007	-3.772	
4.2	10" C-900 PVC Water Line, Incl. Select Bedding	800	LF	\$ 37.00	\$ 29,600.00	750.42	\$ 27,765.54				\$27,765.54	93.8%	\$ 1,834.46	(49.58)	0.007	-0.347	
4.3	10" Ductile Iron Water Line, Incl. Select Bedding	140	LF	\$ 70.00	\$ 9,800.00	106	\$ 7,420.00				\$7,420.00	75.7%	\$ 2,380.00	(34.00)	0.007	-0.238	
4.4	6" Ductile Iron Water Line, Incl. Select Bedding	80	LF	\$ 60.00	\$ 4,800.00		\$ -						\$ 4,800.00	(80.00)	0.007	-0.560	
5	6" HDPE Water Line (Directional Drill)	3000	LF	\$ 82.00	\$ 246,000.00	2810	\$ 230,420.00				\$230,420.00	93.7%	\$ 15,580.00	(190.00)			
6	6" Hot Tap of 10" and Smaller Main	3	EA	\$ 3,000.00	\$ 9,000.00	3	\$ 9,000.00				\$9,000.00	100.0%	\$ -				
6.1	8" Hot Tap of 10" and Smaller Main	3	EA	\$ 4,000.00	\$ 12,000.00	2	\$ 8,000.00				\$8,000.00	66.7%	\$ 4,000.00	(1.00)	0.500	-0.500	
6.2	8" Hot Tap of 12" PVC Main	1	EA	\$ 4,000.00	\$ 4,000.00	1	\$ 4,000.00				\$4,000.00	100.0%	\$ -				
6.3	8" Hot Tap of 16" Cast Iron Main	1	EA	\$ 4,400.00	\$ 4,400.00	1	\$ 4,400.00				\$4,400.00	100.0%	\$ -				
6.4	10" Hot Tap of 10" Main	1	EA	\$ 5,500.00	\$ 5,500.00	1	\$ 5,500.00				\$5,500.00	100.0%	\$ -				
7	6" Line Stop	3	EA	\$ 5,000.00	\$ 15,000.00	6	\$ 30,000.00				\$30,000.00	200.0%	\$ (15,000.00)	3.00	0.500	1.500	
7.1	8" Line Stop	3	EA	\$ 5,500.00	\$ 16,500.00	1	\$ 5,500.00				\$5,500.00	33.3%	\$ 11,000.00	(2.00)	0.500	-1.000	
7.2	10" Line Stop	3	EA	\$ 8,500.00	\$ 25,500.00	3	\$ 25,500.00				\$25,500.00	100.0%	\$ -				
8	6" Valve Insertion	3	EA	\$ 7,000.00	\$ 21,000.00	4	\$ 28,000.00				\$28,000.00	133.3%	\$ (7,000.00)	1.00	0.500	0.500	
8.1	8" Valve Insertion	3	EA	\$ 7,400.00	\$ 22,200.00	1	\$ 7,400.00				\$7,400.00	33.3%	\$ 14,800.00	(2.00)	0.500	-1.000	
8.2	10" Valve Insertion	2	EA	\$ 16,000.00	\$ 32,000.00		\$ -						\$ 32,000.00	(2.00)	0.500	-1.000	
9	Tie To Existing 4" and Smaller Main	20	EA	\$ 1,800.00	\$ 36,000.00	22	\$ 39,600.00				\$39,600.00	110.0%	\$ (3,600.00)	2.00	0.500	1.000	
9.1	Tie To Existing 6" to 8" Main	45	EA	\$ 2,500.00	\$ 112,500.00	45	\$ 112,500.00				\$112,500.00	100.0%	\$ -				
9.2	Tie To Existing 10" Main	3	EA	\$ 3,500.00	\$ 10,500.00	2	\$ 7,000.00				\$7,000.00	66.7%	\$ 3,500.00	(1.00)	0.500	-0.500	
10	Disconnect and Plug Existing 3" and Smaller Main	10	EA	\$ 750.00	\$ 7,500.00	11	\$ 8,250.00				\$8,250.00	110.0%	\$ (750.00)	1.00	0.500	0.500	
10.1	Disconnect and Plug Existing 4" to 6" Main	40	EA	\$ 900.00	\$ 36,000.00	35	\$ 31,500.00				\$31,500.00	87.5%	\$ 4,500.00	(5.00)	0.500	-2.500	
10.2	Disconnect and Plug Existing 8" to 10" Main	15	EA	\$ 950.00	\$ 14,250.00	6	\$ 5,700.00				\$5,700.00	40.0%	\$ 8,550.00	(9.00)	0.500	-4.500	
11	3" and Smaller Gate Valve Assembly	5	EA	\$ 950.00	\$ 4,750.00	9	\$ 8,550.00				\$8,550.00	180.0%	\$ (3,800.00)	4.00	0.250	1.000	
11.1	4" to 6" Gate Valve Assembly	35	EA	\$ 1,200.00	\$ 42,000.00	48	\$ 57,600.00				\$57,600.00	137.1%	\$ (15,600.00)	13.00	0.250	3.250	
11.2	8" Gate Valve Assembly	60	EA	\$ 1,400.00	\$ 84,000.00	62	\$ 86,800.00				\$86,800.00	103.3%	\$ (2,800.00)	2.00	0.250	0.500	
11.3	10" Gate Valve Assembly	8	EA	\$ 2,800.00	\$ 22,400.00	5	\$ 14,000.00				\$14,000.00	62.5%	\$ 8,400.00	(3.00)	0.250	-0.750	
12	Fire Hydrant Removal	25	EA	\$ 200.00	\$ 5,000.00	25	\$ 5,000.00				\$5,000.00	100.0%	\$ -				
13	Fire Hydrant with Gate Valve Assembly	35	EA	\$ 4,000.00	\$ 140,000.00	34	\$ 136,000.00				\$136,000.00	97.1%	\$ 4,000.00	(1.00)	0.500	-0.500	
14	Fittings, Ductile Iron, Mechanical Joint	15000	LBS	\$ 8.00	\$ 120,000.00	15224	\$ 121,792.00				\$121,792.00	101.5%	\$ (1,792.00)	224.00	0.007	1.568	
15	Water Service Assembly from Proposed Main to Existing Meter (Long)	140	EA	\$ 1,150.00	\$ 161,000.00	156	\$ 179,400.00				\$179,400.00	111.4%	\$ (18,400.00)	16.00	0.500	8.000	
15.1	Water Service Assembly from Proposed Main to Existing Meter (Short)	180	EA	\$ 750.00	\$ 135,000.00	194	\$ 145,500.00				\$145,500.00	107.8%	\$ (10,500.00)	14.00	0.500	7.000	
16	Remove and Replace Existing Meters w/Owner Supplied Meters	40	EA	\$ 450.00	\$ 18,000.00		\$ -						\$ 18,000.00	(40.00)	0.200	-8.000	

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): 5th Ave and 13th Ave Utility Improvements										Application Number:						
Application Period:										Application Date:						
A						B	C	E	C	D	E					
Item		Contract Information				Quantity Previous App	Value Previous	Estimated Quantity Installed	Value of Work	Materials Presently Stored	Total Completed and Stored to Date (E+F+G)	% (H / B)	Balance to Finish (B - H)	Plus/Minus Qty	Additional / Negative Days Claimed per Unit	Additional / Negative Days Claimed Total
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)											
17	Clean and CCTV 6" and Smaller Sewer Main	700	LF	\$ 3.00	\$ 2,100.00	648.3	\$ 1,944.90				\$1,944.90	92.6%	\$ 155.10	(51.70)		
17.1	Clean and CCTV 8" Sewer Main	16000	LF	\$ 3.00	\$ 48,000.00	20143.05	\$ 60,429.15				\$60,429.15	125.9%	\$ (12,429.15)	4,143.05		
17.2	Clean and CCTV 15" Sewer Main	2000	LF	\$ 3.50	\$ 7,000.00	1678.8	\$ 5,875.80				\$5,875.80	83.9%	\$ 1,124.20	(321.20)		
18	Reconstruction of 6" Sewer Main by CIPP	500	LF	\$ 32.00	\$ 16,000.00	200	\$ 6,400.00				\$6,400.00	40.0%	\$ 9,600.00	(300.00)		
18.1	Reconstruction of 8" Sewer Main by CIPP	15000	LF	\$ 27.00	\$ 405,000.00	15679.5	\$ 423,346.50				\$423,346.50	104.5%	\$ (18,346.50)	679.50		
19	Manhole Rehabilitation	340	VF	\$ 245.00	\$ 83,300.00	311.75	\$ 76,378.75				\$76,378.75	91.7%	\$ 6,921.25	(28.25)	0.007	-0.198
20	Removal of Existing Manhole	6	EA	\$ 1,500.00	\$ 9,000.00	8	\$ 12,000.00				\$12,000.00	133.3%	\$ (3,000.00)	2.00	0.500	1.000
21	48" Diameter Concrete Manhole, 0-6 ft.	4	EA	\$ 3,200.00	\$ 12,800.00	10	\$ 32,000.00				\$32,000.00	250.0%	\$ (19,200.00)	6.00	1.000	6.000
21.1	48" Diameter Concrete Manhole, 6-8 ft.	2	EA	\$ 3,800.00	\$ 7,600.00	3	\$ 11,400.00				\$11,400.00	150.0%	\$ (3,800.00)	1.00	1.000	1.000
21.2	48" Diameter Concrete Manhole, 8-10 ft.	2	EA	\$ 4,200.00	\$ 8,400.00		\$ -						\$ 8,400.00	(2.00)	1.000	-2.000
22	Removal of Sewer Services	230	EA	\$ 200.00	\$ 46,000.00	282	\$ 56,400.00				\$56,400.00	122.6%	\$ (10,400.00)	52.00	0.500	26.000
23	Sewer Service Installation, Long	135	EA	\$ 650.00	\$ 87,750.00	148	\$ 96,200.00				\$96,200.00	109.6%	\$ (8,450.00)	13.00	0.500	6.500
23.1	Sewer Service Installation, Short	95	EA	\$ 450.00	\$ 42,750.00	163	\$ 73,350.00				\$73,350.00	171.6%	\$ (30,600.00)	68.00	0.500	34.000
24	Sewer Service CCTV Inspection, Long	45	EA	\$ 215.00	\$ 9,675.00	34	\$ 7,310.00				\$7,310.00	75.6%	\$ 2,365.00	(11.00)		
24.1	Sewer Service CCTV Inspection, Short	35	EA	\$ 195.00	\$ 6,825.00	34	\$ 6,630.00				\$6,630.00	97.1%	\$ 195.00	(1.00)		
24.2	Sewer Service Rehabilitation, Long	45	EA	\$ 1,000.00	\$ 45,000.00		\$ -						\$ 45,000.00	(45.00)		
24.3	Sewer Service Rehabilitation, Short	35	EA	\$ 800.00	\$ 28,000.00		\$ -						\$ 28,000.00	(35.00)		
25	Sewer Service Cleanout - Rehabilitated Service	80	EA	\$ 275.00	\$ 22,000.00	50	\$ 13,750.00				\$13,750.00	62.5%	\$ 8,250.00	(30.00)		
26	Removal of Existing Inlet/Junction Box	6	EA	\$ 1,200.00	\$ 7,200.00	8	\$ 9,600.00				\$9,600.00	133.3%	\$ (2,400.00)	2.00	1.000	2.000
27	Junction Box	1	EA	\$ 9,000.00	\$ 9,000.00	1	\$ 9,000.00				\$9,000.00	100.0%	\$ -			
27.1	B-9 Inlet	1	EA	\$ 3,500.00	\$ 3,500.00	3	\$ 10,500.00				\$10,500.00	300.0%	\$ (7,000.00)	2.00	2.000	4.000
27.2	SS-2 Curb Inlet	5	EA	\$ 4,000.00	\$ 20,000.00	5	\$ 20,000.00				\$20,000.00	100.0%	\$ -			
27.3	Gutter Inlet	2	EA	\$ 4,000.00	\$ 8,000.00	2	\$ 8,000.00				\$8,000.00	100.0%	\$ -			
28	HDPE Stormwater Pipe, N12, WT, 15" Diameter	250	LF	\$ 38.00	\$ 9,500.00	249.75	\$ 9,490.50				\$9,490.50	99.9%	\$ 9.50	(0.25)	0.007	-0.002
28.1	HDPE Stormwater Pipe, N12, WT, 18" Diameter	40	LF	\$ 41.00	\$ 1,640.00	35	\$ 1,435.00				\$1,435.00	87.5%	\$ 205.00	(5.00)	0.007	-0.035
28.2	HDPE Stormwater Pipe, N12, WT, 24" Diameter	220	LF	\$ 60.00	\$ 13,200.00	267.83	\$ 16,069.80				\$16,069.80	121.7%	\$ (2,869.80)	47.83	0.007	0.335
28.3	HDPE Stormwater Pipe, N12, WT, 36" Diameter	40	LF	\$ 75.00	\$ 3,000.00	35	\$ 2,625.00				\$2,625.00	87.5%	\$ 375.00	(5.00)	0.007	-0.035
29	Driveway Removal and Replacement Gravel	150	SY	\$ 20.00	\$ 3,000.00	83.88	\$ 1,677.60				\$1,677.60	55.9%	\$ 1,322.40	(66.12)	0.002	-0.132
29.1	Driveway Removal and Replacement Asphalt	400	SY	\$ 22.00	\$ 8,800.00		\$ -						\$ 8,800.00	(400.00)	0.002	-0.800
29.2	Driveway Removal and Replacement, Concrete	1000	SY	\$ 22.00	\$ 22,000.00	464.649	\$ 10,222.28				\$10,222.28	46.5%	\$ 11,777.72	(535.35)	0.002	-1.071
30	Removal of Pavement, All Types, All Depths	11500	SY	\$ 8.00	\$ 92,000.00	9653.762	\$ 77,230.10				\$77,230.10	83.9%	\$ 14,769.90	(1,846.24)	0.002	-3.692
30.1	Removal of Concrete Slab Under Pavement	1600	SY	\$ 8.00	\$ 12,800.00	1678.45	\$ 13,427.60				\$13,427.60	104.9%	\$ (627.60)	78.45	0.007	0.549
31	Removal of Curb and Gutter, All Types	3000	LF	\$ 5.00	\$ 15,000.00	1704.08	\$ 8,520.40				\$8,520.40	56.8%	\$ 6,479.60	(1,295.92)	0.002	-2.592
31.1	Concrete Curb and Gutter	3000	LF	\$ 20.00	\$ 60,000.00	1905.41	\$ 38,108.20				\$38,108.20	63.5%	\$ 21,891.80	(1,094.59)	0.007	-7.662
32	Removal and Replacement of Sidewalk, All Types, All Thicknesses	700	SY	\$ 60.00	\$ 42,000.00	839.822	\$ 50,389.32				\$50,389.32	120.0%	\$ (8,389.32)	139.82	0.007	0.979
33	Hot Mix Asphalt, ST, 9.5 mm Mixture, Surface Course	1300	Ton	\$ 213.00	\$ 276,900.00	247.7	\$ 52,760.10				\$52,760.10	19.1%	\$ 224,139.90	(1,052.30)		
33.1	Hot Mix Asphalt, ST, 12.5 mm Mixture, Base Course	2600	Ton	\$ 239.00	\$ 621,400.00	3717.645	\$ 888,517.16				\$888,517.16	143.0%	\$ (267,117.16)	1,117.65		
34	Vehicle Loop Assemblies	16	EA	\$ 5,000.00	\$ 80,000.00		\$ -						\$ 80,000.00	(16.00)		
35	Select Backfill	15000	CY	\$ 16.00	\$ 240,000.00	6150.728	\$ 98,411.65				\$98,411.65	41.0%	\$ 141,588.35	(8,849.27)		

Progress Estimate - Unit Price Work

Contractor's Application

For (Contract): 5th Ave and 13th Ave Utility Improvements										Application Number:						
Application Period:										Application Date:						
A					B		C	E	C	D	E					
Item		Contract Information				Quantity Previous App	Value Previous	Estimated Quantity Installed	value of Work	Materials Presently Stored	Total Completed and Stored to Date (E+F+G)	% (H / B)	Balance to Finish (B - H)	Plus/Minus Qty	Additional / Negative Days Claimed per Unit	Additional / Negative Days Claimed Total
Bid Item No.	Description	Item Quantity	Units	Unit Price	Total Value of Item (\$)											
36	Crushed Stone Base	2000	CY	\$ 50.00	\$ 100,000.00	1088.761	\$ 54,438.05				\$54,438.05	54.4%	\$ 45,561.95	(911.24)		
37	Establishment of Vegetation, Seeding	1500	SY	\$ 5.00	\$ 7,500.00		\$ -						\$ 7,500.00	(1,500.00)	0.001	-1.500
37.1	Establishment of Vegetation, Solid Soil	6800	SY	\$ 8.00	\$ 54,400.00	1375	\$ 11,000.00				\$11,000.00	20.2%	\$ 43,400.00	(5,425.00)	0.002	-10.850
38	Point Repair of 8" and Smaller Sewer Main, 0-6 ft.	100	LF	\$ 400.00	\$ 40,000.00	204.08	\$ 81,632.00				\$81,632.00	204.1%	\$ (41,632.00)	104.08	0.100	10.408
38.1	Point Repair of 8" and Smaller Sewer Main, 6-8 ft.	100	LF	\$ 500.00	\$ 50,000.00	89.793	\$ 44,896.50				\$44,896.50	89.8%	\$ 5,103.50	(10.21)	0.100	-1.021
38.2	Point Repair of 8" and Smaller Sewer Main 8-10 ft.	100	LF	\$ 600.00	\$ 60,000.00	14	\$ 8,400.00				\$8,400.00	14.0%	\$ 51,600.00	(86.00)	0.100	-8.600
38.3	Point Repair of 8" and Smaller Sewer Main 10-14 ft.	100	LF	\$ 700.00	\$ 70,000.00	32.5	\$ 22,750.00				\$22,750.00	32.5%	\$ 47,250.00	(67.50)	0.100	-6.750
39	8" SDR-26 Sewer Main w/Select Bedding	400	LF	\$ 45.00	\$ 18,000.00	420	\$ 18,900.00				\$18,900.00	105.0%	\$ (900.00)	20.00		
c.o. 1	8" Hot Tap of 16" Cast Iron Main	1	EA	\$ (4,400.00)	\$ (4,400.00)	1	\$ (4,400.00)				-\$4,400.00	100.0%	\$ -			
	8" Hot Tap of 16" PCCP Main	1	EA	\$ 18,413.25	\$ 18,413.25	1	\$ 18,413.25				\$18,413.25	100.0%	\$ -			
c.o.2																
c02-	Reduction of CIPP	3500	LF	\$ (27.00)	\$ (94,500.00)	3500	\$ (94,500.00)				-\$94,500.00	100.0%	\$ -			
	Unforeseen Exploratory Excavations	1	LS	\$ 8,290.00	\$ 8,290.00	1	\$ 8,290.00				\$8,290.00	100.0%	\$ -			
	Increase Added 15" HDPE	192	LF	\$ 38.00	\$ 7,296.00	192	\$ 7,296.00				\$7,296.00	100.0%	\$ -			
	Increase Added 24" HDPE	408	LF	\$ 60.00	\$ 24,480.00	408	\$ 24,480.00				\$24,480.00	100.0%	\$ -			
	Increase replacement sewer not viable for CIPP	2561	LF	\$ 45.00	\$ 115,245.00	2561	\$ 115,245.00				\$115,245.00	100.0%	\$ -			
				\$ -	\$ -		\$ -						\$ -			
	Totals				\$ 5,321,264.25		\$ 4,862,458.60				\$4,862,458.60	91.4%	\$ 458,805.65			44.50

From: tom.dnautilities@gmail.com
Sent: Monday, July 22, 2019 1:58 PM
To: Kris Lightsey
Cc: kenny.dnautilities@gmail.com; Michael Pavlisick
Subject: Laurel 5th and 13th Avenue Improvements - Update as of 7/22/19
Attachments: Additional Days Requested 07.15.pdf

Kris,

Per our meeting last week on the 15th have you had a chance to review the extra days requested for the additional work performed for 8" SDR 26, point repairs, added manholes and storm drain. Our request was for 62.75 days (63). If all is correct when do you expect to have the change order for this work.

Our second crew began work today on sewer services along 5th Avenue, we currently have two crews working the sewer services and should up our installation to 6-7 per day.

Mike met with Terry Padgett with Suez Water on Wednesday 7/17, working on valve isolation from Northview south to 21st street, along 5th Avenue. We were unable to find an isolation valve on 5th avenue between these locations. We request that we install two each 6" Inserta-Valves, one between 24th and 25th and one between 27th and 28th street, to minimize the boil water notices during the cross over tie in connections. As we discussed in the meeting last Monday we are still not sure of the impact of the water main connections as we have not been able to isolate any additional intersections since 5/16/19.

If you have any questions, please feel free to call either Mike or myself.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

tom.dnautilities@gmail.com

From: tom.dnautilities@gmail.com
Sent: Friday, September 27, 2019 3:14 PM
To: 'Kris Lightsey'
Cc: 'Kenny Stokes'; 'Rodney Chancellor'
Subject: RE: Tie-In at Oak Street and 5th Avenue

We will install a line stop at that location, just an FYI we will also be installing line stops on the east and west tie in locations of the 10" line at 5th avenue and 5th street and also a 6" line stop on 13th street at 5th avenue for tie in at these locations as well.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

From: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Sent: Friday, September 27, 2019 3:06 PM
To: Tom Rice <tom.dnautilities@gmail.com>
Cc: Kenny Stokes <kenny.dnautilities@gmail.com>; Rodney Chancellor <rodney.chancellor@neel-schaffer.com>
Subject: Tie-In at Oak Street and 5th Avenue

Suez has located the valves that should isolate the line for the Oak Street tie-in. However, the valve on Oak Street is farther to the east than shown on the plans and several businesses, including restaurants, would be under a boil water notice if this valve is turned off.

We will need to perform a line stop on the 6" main at Oak Street to make this tie-in.

Thanks,

Kris

.....
Kris Lightsey, P.E., Ph.D.
Senior Project Manager

Neel-Schaffer, Inc.
328 N. Magnolia St.
Laurel, MS 39440
Phone: 601-649-1840
FAX: 601-649-1848
Cell: 601-433-3007
Website: www.neel-schaffer.com

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tom.dnautilities@gmail.com

From: tom.dnautilities@gmail.com
Sent: Wednesday, October 9, 2019 10:52 AM
To: Kris Lightsey; 'Rodney Chancellor'
Cc: kenny.dnautilities@gmail.com
Subject: Laurel 5th and 13th - Proposed Line Stop - Congress St at 13th Avenue
Attachments: Congress shut off aerial.pdf; Congress shut off.pdf

Kris,

After meeting with Suez several times trying to shut down the existing water main at Congress and 13th Ave., we have determined that if we shut off the valve at Jefferson and 16th Ave., we will shut the water off to several restaurants, gas stations and numerous residents. DNA proposes to install a line stop on the 6" main just West of the tie in at Congress and 13th Ave.

I have attached a photo copy of the City water map and an aerial showing the effected area, please confirm that we proceed in this manner. We are scheduled to perform the work as early as next Monday or Tuesday at the latest, this will complete the water main connections along 13th Avenue.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

tom.dnautilities@gmail.com

From: tom.dnautilities@gmail.com
Sent: Thursday, October 17, 2019 9:43 AM
To: Kris Lightsey; 'Rodney Chancellor'
Subject: Laurel 5th and 13th - Isolation Valves for the Intersection of 13th Avenue and 1st Street

Kris,

The isolation valves that were previously noted by Suez for the shut down for the referenced intersection. An attempt was made to close the valves at 14th and 15th avenue on 1st street, both of these valve locations have obstructed valve boxes and are preventing operation of same. Suez cannot assist today with realigning the valve boxes due to their work load. I have dispatched DNA personnel to these locations in order to realign the valve boxes. Please let me know if there is any issue with this process, this will be considered out of scope work.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

tom.dnautilities@gmail.com

From: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Sent: Wednesday, October 23, 2019 7:21 AM
To: tom.dnautilities@gmail.com
Cc: kenny.dnautilities@gmail.com
Subject: Re: Laurel 5th and 13th - Sawmill and 5th Avenue Water Connections

I had some conversations with Rodney last night after they uncovered the 10" to the east. They thought there was some possibility at that time that the 10" to the east could be isolated by some valves that they located at 4th Avenue, based on the angle the line was going where they uncovered it.

Like you said, we will have to wait and talk to the guys that were onsite last night.

Thanks,

Kris

Sent from my iPhone

On Oct 23, 2019, at 7:04 AM, "tom.dnautilities@gmail.com" <tom.dnautilities@gmail.com> wrote:

Kris,

Per the conversation I had with Clay last night, the existing water main on the East side of 5th Ave is a 10" not a 6" as shown on the drawings. We will have to reschedule a 10" line stop for Thursday night, unless you wish to make changes. When the guys get awake later today and I am sure you will talk to Rodney, we can discuss further.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

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11-15-19 N 5TH AVE. / 23RD ST. BZT
6" C-900 - 40'

DUCTILE IRON FITTINGS - 45° + 22½° @ 32 LBS EA. - 64 LBS

REMOVAL PAVEMENT - 3X 38 - 12.67 SY

CRUSHED STONE - 3X 38X.33 - 1.39 CY

ASPHALTED OVER / COVERED.
23.12 TONS 12.5 MM

11-25-19 N 5TH AVE. / 23RD ST. BZT

6" C-900 - 76' + 18" - 7.83'

TIE TO EXIST. 6" MAIN - 1 EA

DISCONNECT / PLUG 6" MAIN - 1 EA.

DUCTILE IRON FITTINGS - 1 22½° BEND @ 32 LBS

11-25-19 N 5TH AVE. / 23RD ST. DNA

6" LINE STOP - 1 EA.

12-12-19 N 5TH AVE / 15TH ST. BZT

8" C900 - 20' + 19 1/2' + T' + 2' + REDUCER - 36 1/2'

DUCTILE IRON FITTINGS 8x6 T^{SIGMA} @ 72 LBS 8x6 LCB REDUCER^{STAR} @ 32 LBS - 104 LBS

REMOVAL PAVEMENT - 3 1/2' x 40' - 15.56 SY

CRUSHED STONE - 3 1/2' x 40' x .33 - 1.71 CY

12-19-19 N 5TH AVE / 15TH ST. DNA

6" LINE STOP - 1 EA.

REMOVAL PAVEMENT - 7x10 - 7.78 SY

CRUSHED STONE - 7x10x.33 - .86 CY

tom.dnautilities@gmail.com

From: tom.dnautilities@gmail.com
Sent: Friday, February 14, 2020 8:40 AM
To: 'Kris Lightsey'
Subject: RE: Possible service from east/southeast at 90 on east side of Jefferson

Kris,

I think just to be safe I will configure the manhole to capture the line as if it is a live service, if we find that it is not we can plug the penetration into the manhole. I am going to draw it up shortly and send to you for review.

Sincerely,

Tom Rice

DNA Underground, LLC.
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

From: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Sent: Thursday, February 13, 2020 2:10 PM
To: tom.dnautilities@gmail.com
Subject: Possible service from east/southeast at 90 on east side of Jefferson

Attached are two screen shots. As I mentioned on the phone, at 211 feet south of 732A there appears to be a service coming in at the 90. Not sure if it is in fact a service or whether it is active or not.

Thanks,

Kris

.....
Kris Lightsey, P.E., Ph.D.
Senior Project Manager

Neel-Schaffer, Inc.
328 N. Magnolia St.
Laurel, MS 39440
Phone: 601-649-1840
FAX: 601-649-1848
Cell: 601-433-3007
Website: www.neel-schaffer.com

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tom.dnautilities@gmail.com

From: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Sent: Tuesday, March 24, 2020 1:15 PM
To: Tom Rice
Subject: RE: Possible Connection at Euclid Street

But, per the original city maps, that line was installed for fire protection and the 2" main on Euclid is not connected to it.

Thanks,

Kris

Kris Lightsey, P.E., Ph.D.
Senior Project Manager

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Phone: 601-649-1840
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Website: www.neel-schaffer.com

From: Kris Lightsey
Sent: Tuesday, March 24, 2020 1:12 PM
To: Tom Rice <tom.dnautilities@gmail.com>
Subject: RE: Possible Connection at Euclid Street

Suez personnel told me a few weeks ago that they were going to check on killing that line and see if it affects Euclid. Suez is in the process of investigating that.

Thanks,

Kris

Kris Lightsey, P.E., Ph.D.
Senior Project Manager

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From: Tom Rice <tom.dnautilities@gmail.com>
Sent: Tuesday, March 24, 2020 1:08 PM
To: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Subject: Possible Connection at Euclid Street

Kris,

Sincerely,

Tom Rice
DNA Utilities, LLC
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

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From: Kris Lightsey <kris.lightsey@neel-schaffer.com>
Sent: Saturday, May 2, 2020 11:00 AM
To: Tom Rice
Cc: Kenny Stokes; Rodney Chancellor
Subject: St. John's Day School

Tom/Kenny,

St John's Day School has no water on their fire system. We can only assume at this point that it is tapped off the line that was disconnected on Monday and flow filled on Friday.

Rodney let Zach know and he was going to check on it today, I believe.

-Kris
Sent from my iPhone

On Apr 8, 2020, at 9:38 AM, Tom Rice <tom.dnautilities@gmail.com> wrote:

Kris,

I am going to be in town today and get focused on this, we are placing flow fill at 13th Avenue today and should complete this week. I will push subs to speed up and finish their scopes.

Sincerely,

Tom Rice
DNA Utilities, LLC
16101 South Swan Road
Gulfport, MS 39503
228-239-7944 Cell
tom.dnautilities@gmail.com

On Apr 8, 2020, at 9:05 AM, Kris Lightsey <kris.lightsey@neel-schaffer.com> wrote:

We've been mentioning these upcoming projects on 5th and 13th for a couple of months, now, and these are still on schedule.

The 5th Avenue project from 24th Street to Northview Notice to Proceed date will be in 2 weeks. This area is not ready from your project's standpoint. The major items that are lacking include the concrete driveway replacements and the asphalt patching of your cutouts. There are also numerous water meters and sewer cleanout boxes that need to be straightened up and dressed up around, and there are fire hydrants that need to be plumbed and adjusted. We need these items to be addressed. We don't want to have your equipment on the new asphalt or have delays to the other contracts.