

A RESOLUTION BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, AUTHORIZING THE COUNTY ADMINISTRATOR, OR DESIGNEE, TO APPROVE G&H UNDERGROUND CONSTRUCTION, INC TASK ORDER NO. 43 FOR CULVERT REPLACEMENTS ON CR-208 UNDER BID NO. 18-14 (MASTER CONTRACT NO. 17-MCC-GHU-08981).

RECITALS

WHEREAS, On January 25, 2018, the County entered into a task order based continuing services contract with G&H Underground Construction, Inc.; and;

WHEREAS, the contract requires approval from the St. Johns County Board of County Commissioners on all task orders greater than \$200,000; and;

WHEREAS, the Engineering Dept. has a need to issue a task order to G&H Underground Construction, Inc. for the culvert replacements on CR-208, which will total \$304,064.86; and;

WHEREAS, the task order will be funded through the FY 2020 Countywide Drainage Infrastructure; and;

WHEREAS, the County has reviewed the terms, provisions, conditions and requirements of the proposed task order (attached hereto, an incorporated herein) and finds that executing the task order to complete the work services serves a public purpose; and;

WHEREAS, the task order will be in substantial conformance with the attached draft task order.

NOW, THEREFORE BE IT RESOLVED BY THE BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA, as follows:

Section 1. The above Recitals are incorporated by reference into the body of this Resolution and such Recitals are adopted as finds of fact.

Section 2. The County Administrator, or designee, is hereby authorized to issue a task order G&H Underground Construction, Inc. to provide the services set forth therein.

Section 3. The County Administrator, or designee, is further authorized to execute a task order in substantially the same form and format as the attached draft on behalf of the County to provide the scope of services as specifically provided in the task order.

Section 4. To the extent that there are typographical and/or administrative errors that do not change the tone, tenor, or concept of this Resolution, then this Resolution may be revised without subsequent approval by the Board of County Commissioners.

PASSED AND ADOPTED by the Board of County Commissioners of St. Johns County, Florida, this 18 day of February, 2020.

BOARD OF COUNTY COMMISSIONERS OF ST. JOHNS COUNTY, FLORIDA

By: [Signature]
Ieb S. Smith, Chair

ATTEST: [Signature] Brandon Patty, Clerk
By: [Signature] Pam Halterman
Deputy Clerk

Rendition Date: 2/20/20





St. Johns County Board of County Commissioners

Purchasing Division

CONTRACT TASK ORDER NO: 43

Bid No: 18-14; Countywide Roadway Drainage & Infrastructure Maintenance
Master Contract No: 17-MCC-GHU-08981

Contractor: G&H Underground Construction, Inc.
2200 N Ponce de Leon Boulevard, Suite 11
St. Augustine, FL 32084

Date: January 24, 2020
Project: Culvert Replacements on CR-208

SCOPE OF WORK:

Task Order #43 is hereby issued to authorize G&H Underground Construction, Inc. ("Contractor"), to remove and replace existing pipes and headwalls at six locations along CR-208, as stated in the Contractor's proposals dated January 17, 2020 and January 20, 2020, and attached hereto. The authorized work shall generally include the following tasks: mobilization; MOT; removal of existing pipe and headwalls; installation of Reinforced Concrete Pipes (RCP) and Elliptical Reinforced Concrete Pipes (ERCP); installation of new Headwalls; installation of precast end walls; regrade ditches and road shoulder; and sod all disturbed areas.

PAYMENT TERMS:

The County shall compensate the Contractor, under Task Order #38, a not-to-exceed amount of three hundred four thousand sixty-four dollars and eighty-six cents (\$304,064.86) based on unit prices, and actual quantities, for work satisfactorily completed in accordance with the provisions of this task order, and with the Master Contract dated January 25, 2018.

SCHEDULE:

The County shall issue a Notice to Proceed to the Contractor upon receipt of a recorded Public Construction Bond. Work shall commence upon receipt of the Notice to Proceed and shall be completed within one hundred twenty (120) consecutive calendar days from the date of the Notice to Proceed. The Effective Date of this Task Order shall be the date of signature by an authorized St. Johns County Representative. Any work performed prior to full execution of this Task Order shall be at the Consultant's Own Risk.

G&H Underground Construction, Inc.

St. Johns County, Florida

Representative Signature:

Representative Signature:

Printed Name & Title:

Printed Name & Title: Jaime T. Locklear, MPA, CPPO, CPPB
Purchasing Manager

Date:

Date:

All terms and conditions of the above-referenced Master Contract dated January 25, 2018 remain in full force and effect. All invoices must reference Task Order #43. By approving this task order, the SJC Dept is certifying the availability of funds for this. Do not approve/process this task order until funds are available in the appropriate line item.

G&H Underground Construction, Inc.

2200 N Ponce DeLeon Blvd Ste. 11

St. Augustine, Florida 32084

Office: (904) 829-8199

Fax: (904) 810-0531

January 20, 2020

Dan Sikes
St Johns County
Countywide Roadway Drainage & Infrastructure
Maintenance Contract# 17-MCC-CHU-08981
Project: #34 – 5150 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement at 5150 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing pipe and Headwalls. This work includes Mobilization, Removal of existing 48" CMP and Headwalls, install new 54lf of 48" RCP, Headwall, regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$72,026.74

Thank you,
Wade Gibby

ITEM NO	# 34 - 5150 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")		LF	22.00						22.00	
3	PIPE REMOVAL (30" TO 36")		LF	30.00						30.00	
4	PIPE REMOVAL (42" TO 48")	54	LF	55.00	11890.00					35.00	11890.00
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0" TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0" TP 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0" TO 6' DEPTH CLASS III		LF	98.28						98.28	
14	30" RCP, 0" TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0" TO 6' DEPTH CLASS III		LF	146.22						146.22	
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III	54	LF	310.81	16783.74					310.81	16783.74
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0" TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0" TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0" TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0" TO 6' CLASS III		LF	196.47						196.47	
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

30	14"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	130.60					130.60
31	19"X30" ERCP, CLASS III 6' DEPTH OR GREATER		LF	182.74					182.74
32	24"X38" ERCP, CLASS III 6' DEPTH OR GREATER		LF	221.47					221.47
33	29"X45" ERCP, CLASS III 6' DEPTH OR GREATER		LF	276.64					276.64
34	29"X45" ERCP, 0" TO 6' CLASS III		LF	301.24					301.24
35	38"X60" ERCP, CLASS III		LF	401.82					401.82
36	58"X91" ERCP, CLASS III		LF	636.17					636.17
37	38"X60" ERCP, CLASS III 6' DEPTH OR GREATER		LF	486.72					486.72
38	58"X91" ERCP, CLASS III 6' DEPTH OR GREATER		LF	781.17					781.17
39	IRRIGATION, 1/2" SCH 40 PVC		LF	4.25					4.25
40	IRRIGATION PIPE, 3/4" SCH 40 PVC		LF	4.00					4.00
41	SPRINKLER HEAD RELOCATION		EA	23.00					23.00
42	SPRINKLER HEAD INSTALLATION		EA	25.00					25.00
43	PIPE, PVC SCH, SCH 40 4"		LF	16.00					16.00
44	12" DR 18		LF	48.00					48.00
45	HEADWALL REMOVAL		EA	750.00					750.00
46	SPECIAL HEADWALL REMOVAL	2	EA	1,100.00	2,200.00				1,100.00
47	INLET STRUCTURE REMOVAL		EA	1,250.00					1,250.00
48	SAW CUT EXISTING CONCRETE STRUCTURE FOR 15" PIPE TIE IN		EA	1,500.00					1,500.00
49	SAW CUT EXISTING CONCRETE STRUCTURE FOR 24" PIPE TIE IN		EA	2,000.00					2,000.00
50	SAW CUT EXISTING CONCRETE STRUCTURE FOR 36" PIPE TIE IN		EA	2,500.00					2,500.00
51	SAW CUT EXISTING CONCRETE STRUCTURE FOR 48" PIPE TIE IN		EA	3,000.00					3,000.00
52	TYPE B INLET 4X4, 0' TO 4' DEPTH (D-205)		EA	5,178.00					5,178.00
53	TYPE B INLET 4X4, >4' TO 6' DEPTH (D-205)		EA	6,280.00					6,280.00
54	TYPE C INLET, 0' TO 4' DEPTH (D-207)		EA	3,570.00					3,570.00
55	TYPE C INLET, >4' TO 6' DEPTH (D-207)		EA	3,836.00					3,836.00
56	TYPE E INLET, 0' TO 4' DEPTH (D-208)		EA	3,654.00					3,654.00
57	TYPE E INLET, >4' TO 6' DEPTH (D-208)		EA	4,572.00					4,572.00
58	TYPE J -1 B MANHOLE / INLET, 0" TO 4' DEPTH (D-201)		EA	4,157.00					4,157.00

59	TYPE J -1 B MANHOLE / INLET, > 4' TO 6' DEPTH (D-201)	EA	5,155.00						5,155.00
60	TYPE J-2 MANHOLE 4X5, 0" TO 4' DEPTH (D-202)	EA	5,009.00						5,009.00
61	TYPE J-2 MANHOLE 4X5, > 4' TO 6' DEPTH (D-202)	EA	6,179.00						6,179.00
62	DOT P-5 STORM INLET	EA	6,865.00						6,865.00
63	PRECAST END WALL (15" / 12X18" PIPE) (D-408)	EA	2,250.00						2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)	EA	2,320.00						2,320.00
65	PRECAST END WALL (24" / 19X30" PIPE) (D-408)	EA	2,425.00						2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)	EA	2,530.00						2,530.00
67	PRECAST END WALL (36" / 29X145" PIPE) (D-408)	EA	2,615.00						2,615.00
68	48" HEADWALL	CY	970.00	30	29,100.00				970.00
69	54" TO 60" STRAIGHT END WALLS	CY	970.00						970.00
70	42" TO 48" STRAIGHT END WALLS	CY	970.00						970.00
71	MES FOR 15" OR CMPDW CULVERT (D-429)	EA	450.00						450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)	EA	550.00						550.00
73	MES FOR 19X30 ERCP OR 20X28 CMPA (D-430)	EA	900.00						900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)	EA	450.00						450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)	EA	490.00						490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)	EA	560.00						560.00
77	12"X12" PRECAST TRENCH	LF	320.00						320.00
78	24"X24" PRECAST TRENCH	LF	410.00						410.00
79	10'X5' BOX CULVERT	CY	2,086.00						2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER	CY	2,236.00						2,236.00
81	10'X3' BOX CULVERT	CY	1,963.00						1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER	CY	2,136.00						2,136.00
83	3'X4' / 4' X 3' BOX CULVERT	CY	1,636.00						1,636.00
84	3' X4' / 4' X 3' BOX CULVERT 6' OR GREATER	CY	1,836.00						1,836.00
85	4'X5' BOX CULVERT	CY	1,686.00						1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER	CY	1,886.00						1,886.00
87	TRENCH DRAIN (5' SW)	EA	3,000.00						3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED	LF	27.00						27.00

89	24" RETAINING WALL 4" X 12"		LF	110.00							11000
90	REINFORCING STEEL		LBS	3.00							300
91	RIP RAP		SY	65.00							6500
92	CONCRETE REMOVAL (0" TO 6" THICK)		SY	9.00							900
93	CURB AND GUTTER REMOVAL		LF	7.00							700
94	CURB REMOVAL FOR HANDICAP RAMP CONSTRUCT		LF	8.00							800
95	CONCRETE TURN-DOWN, 4" THICK (12" TO 18" DEEP)		LF	13.75							1375
96	INSTALLATION OF 4" THICK CONCRETE SIDEWALK		SY	38.50							3850
97	INSTALLATION OF 6" THICK CONCRETE SIDEWALK		SY	45.75							4575
98	INSTALLATION OF COUNTY STANDARD CURB AND GUTTER		LF	32.00							3200
99	INSTALLATION OF TYPE F CURB (DOT)		LF	36.00							3600
100	INSTALLATION OF CITY STANDARD HEADER CURB		LF	32.00							3200
101	CONCRETE DITCH PAVEMENT, NR 4"		SY	50.00							5000
102	FLOWABLE FILL		CY	270.00							27000
103	FLOWABLE FILL (HIGH EARLY)	15	GY	325.00	4875.00						32500
104	PICTURE FRAME FINISH FOR DRIVEWAY		SY	81.00							8100
105	ROCK SALT FINISH FOR DRIVEWAY		SY	76.00							7600
106	6" CONCRETE DRIVEWAY		SY	62.00							6200
107	SPEC INLET BOXES		CY	1,500.00							1,50000
108	MISCELLANEOUS CONCRETE		SY	100.00							10000
109	CAST INPLACE / PRECAST MANHOLE TOP W/ RING AND COVER		LS	1,500.00							1,50000
110	TYPE C INLET POUR IN PLACE WINGS		LS	1,500.00							1,50000
111	ALUMINUM HANDRAIL FOR TRENCH DRAIN		LF	250.00							25000
112	ALUMINUM HANDRAIL (NON PICKET)		LF	135.00							13500
113	ALUMINUM HANDRAIL (PICKET)		LF	210.00							21000
114	CLEARING AND GRUBBING		ACRE	10,000.00							10,00000
115	UNCLASSIFIED / UNSUITABLE EXCAVATION WITH HAUL OFF	15	GY	17.00	255.00						1700
116	ROADWAY SHOULDER REGRADING (2' TO 4' WIDE)	100	LF	6.00	600.00						60000
117	ROADWAY SHOULDER REGRADING (4' TO 6' WIDE)		LF	8.00							800

118	ROADWAY SHOULDER REGRADING (>6' WIDE)		LF	10.00					10.00
119	DITCH REGRADING (1' TO 2' DEEP)		LF	13.00					13.00
120	DITCH REGRADING (2' TO 4' DEEP)	100	LF	14.00	1400.00				14.00
121	DITCH REGRADING (4' TO 6' DEEP)	0	LF	16.00					16.00
122	FILL A-3 SAND OR BETTER (CONTRACTOR SUPPLY)		CY	17.00					17.00
123	FILL A-3 SAND OR BETTER (COUNTY SUPPLY CONTRACTOR HAUL)		-CY	-9.00					9.00
124	FILL A-3 SAND OR BETTER (COUNTY SUPPLY AND HAUL IF AVAILABLE)		CY	5.00					5.00
125	SHRUB RELOCATION (DUE TO LOCATION OF WORK AREA)		EA	350.00					350.00
126	ASPHALT PAVEMENT REMOVAL 0 TO 6"	44	SY	13.00	572.00				13.00
127	ASPHALT PAVEMENT REMOVAL 6" OR GREATER		SY	20.00					20.00
128	ASPHALT SIDEWALK REMOVAL		SY	13.00					13.00
129	ASPHALT PATCH/REPAIR (TYPE SP12.5 & TYPE SP9.5) 2" OR GREATER	44	SY	24.00	1056.00				24.00
130	1" SP 9.5 ASPHALT		SY	18.75					18.75
131	1.5" SP 12.5 ASPHALT		SY	21.00					21.00
132	REWORK EXISTING LIMEROCK PRIME SEAL		SY	30.00					30.00
133	LIMEROCK 12"		SY	30.00					30.00
134	STRIPE REMOVAL (12")		SF	10.00					10.00
135	WHITE / YELLOW STRIPING (6")		LF	4.00					4.00
136	STRIPE REMOVAL (6")		LF	8.00					8.00
137	WHITE SAFETY WALK STRIPING (12")		LF	10.00					10.00
138	24" STRIPING (WHITE)		LF	15.00					15.00
139	STRIPE REMOVAL (24")		LF	13.00					13.00
140	THERMOPLASTIC STRIPING SOLID WHITE OR YELLOW		LF	8.00					8.00
141	RAISED PAVEMENT MARKER		EA	15.00					15.00
142	FLOATING TURBIDITY BARRIER		LF	12.00					12.00
143	EROSION CONTROL - HAY BALES		EA	25.00					25.00
144	EROSION CONTROL - SILT BARRIER/ FABRIC		LF	1.35					1.35
145	GRASSING - SOD	200	SY	8.00	1600.00				8.00
146	GRASSING - SEED AND MULCH		SY	3.75					3.75
147	FENCE RELOCATION		LF	35.00					35.00

148	INSTALLATION OF NEW 6' CHAIN LINK FENCE		LF	40.00								40.00	
149	SIGN RELOCATION		EA	225.00								225.00	
150	MAILBOX RELOCATION (USING EXISTING POST)		EA	225.00								225.00	
151	VALVE BOX ADJUSTMENT		EA	175.00								175.00	
152	HANDICAP RAMPS		EA	355.00								355.00	
153	GUARDRAIL		LF	90.00								90.00	
154	ADA TACTILE SURFACE MAT		EA	430.00								430.00	
155	PGMS (PORTABLE CHANGEABLE MESSAGE SIGNS)	28	EA/DAY	35.00	980.00							35.00	980.00
156	ARROW BOARDS 5' MINIMUM HORIZONTAL SIZE		EA/DAY	20.00								20.00	
157	TYPE I BARRICADE		EA/DAY	0.60								0.60	
158	TYPE II BARRICADE	250	EA/DAY	0.60	150.00							0.60	150.00
159	TYPE III BARRICADE		EA/DAY	1.30								1.30	
160	PLASTIC DRUMS		EA/DAY	0.60								0.60	
161	WARNING AND REGULATORY SIGNS IN WORK ZONES (FDOT INDEX NO. 600 SHEET 8)	300	EA/DAY	0.80	240.00							0.80	240.00
162	TWO LANE, TWO WA, WORK ON SHOULDER (FDOT INDEX NO. 602)		EA/DAY	134.00								134.00	
163	TWO LANE, TWO WAY WORK WITHIN THE TRAVEL WAY (FDOT INDEX NO. 603)	15	EA/DAY	166.00	2490.00							166.00	2490.00
164	TWO LANE, TWO WAY, WORK IN INTERSECTION (FDOT INDEX NO. 604)		EA/DAY	240.00								240.00	
165	TWO LANE, TWO WAY, WORK NEAR INTERSECTION (FDOT INDEX NO. 605)		EA/DAY	191.00								191.00	
166	TWO LANE, TWO WAY, WORK WITHIN THE TRAVEL WAY SIGNAL CONTROL (FDOT INDEX NO. 606)		EA/DAY	515.00								515.00	
167	TWO LANE, TWO WAY, MOBILE OPERATION, WORK ON SHOULDER AND WORK WITHIN THE TRAVEL WAY (FDOT INDEX NO. 607)		EA/DAY	1,300.00								1,300.00	
168	TWO LANE, TWO WAY TEMPORARY DIVERSION CONNECTION (FDOT INDEX NO. 608)		EA/DAY	245.00								245.00	
169	MULTILANE, WORK ON SHOULDER (FDOT INDEX NO. 612)		EA/DAY	215.00								215.00	
170	MULTILANE, WORK WITHIN TRAVEL LANE MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 613)		EA/DAY	245.00								245.00	
171	MULTILANE, WORK WITHIN TRAVEL WAY, CENTER LANE (FDOT INDEX NO. 614)		EA/DAY	240.00								240.00	
172	MULTILANE, WORK IN INTERSECTION (FDOT INDEX NO. 615)		EA/DAY	240.00								240.00	
173	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 616)		EA/DAY	275.00								275.00	
174	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS (FDOT INDEX NO. 660)		EA/DAY	210.00								210.00	
175	EXCAVATOR	1	EA	500.00	500.00							500.00	500.00
176	FRONT END LOADER	1	EA	500.00	500.00							500.00	500.00

177	LOADER HOE (BACK HOE)		EA	500.00				500.00	
178	BULL DOZER		EA	500.00				500.00	
179	MOTOR GRADER		EA	500.00				500.00	
180	ROLLER		EA	500.00				500.00	
181	MIXER		EA	500.00				500.00	
182	700 LBS PLATE COMP	1	EA	50.00	50.00			50.00	50.00
183	JUMPING JACK TAMP	1	EA	25.00	25.00			25.00	25.00
AMENDMENT									
1	60" MES		EA	12,150.00				12,150.00	
2	60" rcp 0' TO 5' DEEP		LF	1,050.00				1,050.00	
3	60" RCP GREATER THAN 6' DEEP (TO BE DETERMINED BY JOB)		LF						
4	PRECAST BOX CULVERT 3'X4'		LF	2,050.00				2,050.00	
5	PRECAST BOX CULVERT 3'X5'		LF	2,150.00				2,150.00	
6	HEADWALLS FOR PRECAST BOX CULVERTS		CY	2,500.00				2,500.00	
M.E.S. WITH GRATES FDOT INDEX 273									
7	15" RCP / CMP		EA	2,850.00				2,850.00	
8	18" RCP / CMP		EA	2,880.00				2,880.00	
9	24" RCP / CMP		EA	3,222.00				3,222.00	
10	30" RCP / CMP		EA	3,960.00				3,960.00	
11	36" RCP / CMP		EA	4,240.00				4,240.00	
12	42" RCP / CMP		EA	4,860.00				4,860.00	
13	48" RCP / CMP		EA	5,660.00				5,660.00	
14	54" RCP / CMP		EA	7,875.00				7,875.00	
15	60" RCP / CMP		EA	8,220.00				8,220.00	
M.E.S. WITH GRATES FDOT INDEX 273									
16	12"X18" ERCP		EA	2,940.00				2,940.00	
17	19"X10" ERCP		EA	3,260.00				3,260.00	
18	24"X38" ERCP		EA	3,530.00				3,530.00	
19	29"X45" ERCP		EA	4,425.00				4,425.00	

20	34"X53" ERCP		EA	5,080.00				5,080.00
21	38" X 60" ERCP		EA	5,490.00				5,490.00
22	43"X68" ERCP		EA	5,950.00				5,950.00
23	48"X76" ERCP		EA	7,240.00				7,240.00
24	53"X83" ERCP		EA	19,000.00				19,000.00
25	58"X91" ERCP		EA	13,848.00				13,848.00
	M.E.S. WITHOUT GRATES							
26	15" RCP / CMP		EA	1,850.00				1,850.00
27	18" RCP / CMP		EA	1,880.00				1,880.00
28	24" RCP / CMP		EA	2,220.00				2,220.00
29	30" RCP / CMP		EA	2,960.00				2,960.00
30	36" RCP / CMP		EA	3,240.00				3,240.00
31	42" RCP / CMP		EA	3,860.00				3,860.00
32	48" RCP / CMP		EA	4,660.00				4,660.00
33	54" RCP / CMP		EA	6,875.00				6,875.00
34	60" RCP / CMP		EA	7,220.00				7,220.00
	M.E.S. WITHOUT GRATES FDOT INDEX 272							
35	12" X 18" ERCP		EA	1,940.00				1,940.00
36	19" X 10" ERCP		EA	2,260.00				2,260.00
37	24" X 38" ERCP		EA	2,530.00				2,530.00
38	29"X45" ERCP		EA	3,425.00				3,425.00
39	34"X53" ERCP		EA	4,080.00				4,080.00
40	38" X 60" ERCP		EA	4,490.00				4,490.00
41	43"X68"		EA	4,950.00				4,950.00
42	48" X 76" ERCP		EA	6,240.00				6,240.00
43	53" X 83" ERCP		EA	18,000.00				18,000.00
44	58" X 91 ERCP		EA	12,848.00				12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00				90.00
46	GUARDRAIL POST REMOVAL		EA	110.00				110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00				5,000.00

G&H Underground Construction, Inc.

2200 N Ponce DeLeon Blvd Ste. 11

St. Augustine, Florida 32084

Office: (904) 829-8199

Fax: (904) 810-0531

January 17, 2020

Dan Sikes
St Johns County
Countywide Roadway Drainage & Infrastructure
Maintenance Contract# 17-MCC-CHU-08981
Project: #31 – 5221 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement at 5221 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing pipe and Headwalls. This work includes Mobilization, Removal of existing 18" CMP and Headwalls, install new 48lf of 14x18 ERCP, Precast End Walls, Regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$28,790.80

Thank you,
Wade Gibby

ITEM NO	#31 - 5221 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")	48	LF	22.00						1056.00	
3	PIPE REMOVAL (30" TO 36")		LF	30.00						30.00	
4	PIPE REMOVAL (42" TO 48")		LF	35.00						35.00	
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0' TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0' TO 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0' TO 6' DEPTH CLASS III		LF	98.28						98.28	
14	30" RCP, 0' TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0' TO 6' DEPTH CLASS III		LF	146.22						146.22	
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III		LF	310.81						310.81	
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0' TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0' TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0' TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0' TO 6' CLASS III		LF	196.47						196.47	
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

30	14"X18" ERCP, CLASS III 6' DEPTH OR GREATER	LF	130.60	6,268.80	130.60	6,268.80
31	19"X30" ERCP, CLASS III 6' DEPTH OR GREATER	LF	182.74		182.74	
32	24"X38" ERCP, CLASS III 6' DEPTH OR GREATER	LF	221.47		221.47	
33	29"X45" ERCP, CLASS III 6' DEPTH OR GREATER	LF	276.64		276.64	
34	29"X45" ERCP, 0" TO 6' CLASS III	LF	301.24		301.24	
35	38"X60" ERCP, CLASS III	LF	401.82		401.82	
36	58"X91" ERCP, CLASS III	LF	636.17		636.17	
37	38"X60" ERCP, CLASS III 6' DEPTH OR GREATER	LF	486.72		486.72	
38	58"X91" ERCP, CLASS III 6' DEPTH OR GREATER	LF	781.17		781.17	
39	IRRIGATION, 1/2" SCH 40 PVC	LF	4.25		4.25	
40	IRRIGATION PIPE, 3/4" SCH 40 PVC	LF	4.00		4.00	
41	SPRINKLER HEAD RELOCATION	EA	23.00		23.00	
42	SPRINKLER HEAD INSTALLATION	EA	25.00		25.00	
43	PIPE, PVC SCH, SCH 40 4"	LF	16.00		16.00	
44	12" DR 18	LF	48.00		48.00	
45	HEADWALL REMOVAL	EA	750.00		750.00	
46	SPECIAL HEADWALL REMOVAL	EA	1,100.00	2,200.00	1,100.00	2,200.00
47	INLET STRUCTURE REMOVAL	EA	1,250.00		1,250.00	
48	SAW CUT EXISTING CONCRETE STRUCTURE FOR 15" PIPE TIE IN	EA	1,500.00		1,500.00	
49	SAW CUT EXISTING CONCRETE STRUCTURE FOR 24" PIPE TIE IN	EA	2,000.00		2,000.00	
50	SAW CUT EXISTING CONCRETE STRUCTURE FOR 36" PIPE TIE IN	EA	2,500.00		2,500.00	
51	SAW CUT EXISTING CONCRETE STRUCTURE FOR 48" PIPE TIE IN	EA	3,000.00		3,000.00	
52	TYPE B INLET 4X4, 0' TO 4' DEPTH (D-205)	EA	5,178.00		5,178.00	
53	TYPE B INLET 4X4, >4' TO 6' DEPTH (D-205)	EA	6,280.00		6,280.00	
54	TYPE C INLET, 0' TO 4' DEPTH (D-207)	EA	3,570.00		3,570.00	
55	TYPE C INLET, > 4' TO 6' DEPTH (D-207)	EA	3,836.00		3,836.00	
56	TYPE E INLET, 0' TO 4' DEPTH (D-208)	EA	3,654.00		3,654.00	
57	TYPE E INLET, > 4' TO 6' DEPTH (D-208)	EA	4,572.00		4,572.00	
58	TYPE J - I B MANHOLE / INLET, 0" TO 4' DEPTH (D-201)	EA	4,157.00		4,157.00	

59	TYPE J -1 B MANHOLE / INLET, > 4' TO 6' DEPTH (D-201)	EA	5,155.00						5,155.00
60	TYPE J-2 MANHOLE 4X5, 0" TO 4' DEPTH (D-202)	EA	5,009.00						5,009.00
61	TYPE J-2 MANHOLE 4X5,> 4' TO 6' DEPTH (D-202)	EA	6,179.00						6,179.00
62	DOT P-5 STORM INLET	EA	6,865.00						6,865.00
63	PRECAST END WALL (15" /12X18" PIPE) (D-408)	EA	2,250.00						2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)	EA	2,320.00						2,320.00
65	PRECAST END WALLS (24"/19X30" PIPE) (D-408)	EA	2,425.00		4,850.00				2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)	EA	2,530.00						2,530.00
67	PRECAST END WALL (36" / 29X145" PIPE) (D-408)	EA	2,615.00						2,615.00
68	48" HEADWALL	CY	970.00						970.00
69	54" TO 60" STRAIGHT END WALLS	CY	970.00						970.00
70	42" TO 48" STRAIGHT END WALLS	CY	970.00						970.00
71	MES FOR 15" OR CMPDW CULVERT (D-429)	EA	450.00						450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)	EA	550.00						550.00
73	MES FOR 19X30 ERCPOR 20X28 CMPA (D-430)	EA	900.00						900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)	EA	450.00						450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)	EA	490.00						490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)	EA	560.00						560.00
77	12"X12" PRECAST TRENCH	LF	320.00						320.00
78	24"X24" PRECAST TRENCH	LF	410.00						410.00
79	10'X5' BOX CULVERT	CY	2,086.00						2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER	CY	2,236.00						2,236.00
81	10'X3' BOX CULVERT	CY	1,963.00						1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER	CY	2,136.00						2,136.00
83	3'X4' / 4' X 3' BOX CULVERT	CY	1,636.00						1,636.00
84	3' X4' / 4' X 3' BOX CULVERT 6' OR GREATER	CY	1,836.00						1,836.00
85	4'X5' BOX CULVERT	CY	1,686.00						1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER	CY	1,886.00						1,886.00
87	TRENCH DRAIN (5' SW)	EA	3,000.00						3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED	LF	27.00						27.00

89	24" RETAINING WALL 4" X 12"	LF	110.00						110.00
90	REINFORCING STEEL	LBS	3.00						3.00
91	RIP RAP	SY	65.00						65.00
92	CONCRETE REMOVAL (0" TO 6" THICK)	SY	9.00						9.00
93	CURB AND GUTTER REMOVAL	LF	7.00						7.00
94	CURB REMOVAL FOR HANDICAP RAMP CONSTRUCT	LF	8.00						8.00
95	CONCRETE TURN-DOWN, 4" THICK (12" TO 18" DEEP)	LF	13.75						13.75
96	INSTALLATION OF 4" THICK CONCRETE SIDEWALK	SY	38.50						38.50
97	INSTALLATION OF 6" THICK CONCRETE SIDEWALK	SY	45.75						45.75
98	INSTALLATION OF COUNTY STANDARD CURB AND GUTTER	LF	32.00						32.00
99	INSTALLATION OF TYPE F CURB (DOT)	LF	36.00						36.00
100	INSTALLATION OF CITY STANDARD HEADER CURB	LF	32.00						32.00
101	CONCRETE DITCH PAVEMENT, NR 4"	SY	50.00						50.00
102	FLOWABLE FILL	CY	270.00						270.00
103	FLOWABLE FILL (HIGH EARLY)	CY	325.00	5	1625.00	4875.00	1625.00	325.00	4875.00
104	PICTURE FRAME FINISH FOR DRIVEWAY	SY	81.00						81.00
105	ROCK SALT FINISH FOR DRIVEWAY	SY	76.00						76.00
106	6" CONCRETE DRIVEWAY	SY	62.00						62.00
107	SPEC INLET BOXES	CY	1,500.00						1,500.00
108	MISCELLANEOUS CONCRETE	SY	100.00						100.00
109	CAST INPLACE / PRECAST MANHOLE TOP W/ RING AND COVER	LS	1,500.00						1,500.00
110	TYPE C INLET POUR IN PLACE WINGS	LS	1,500.00						1,500.00
111	ALUMINUM HANDRAIL FOR TRENCH DRAIN	LF	250.00						250.00
112	ALUMINUM HANDRAIL (NON PICKET)	LF	135.00						135.00
113	ALUMINUM HANDRAIL (PICKET)	LF	210.00						210.00
114	CLEARING AND GRUBBING	ACRE	10,000.00						10,000.00
115	UNCLASSIFIED/ UNSUITABLE EXCAVATION WITH FLAG OFF	15	17.00	1	255.00	255.00	255.00	17.00	255.00
116	ROADWAY SHOULDER REGRADING (2' TO 4' WIDE)	100	6.00	1	600.00	600.00	600.00	6.00	600.00
117	ROADWAY SHOULDER REGRADING (4' TO 6' WIDE)	LF	8.00						8.00

118	ROADWAY SHOULDER REGRADING (>6' WIDE)		LF	10.00						1000
119	DITCH REGRADING (1' TO 2' DEEP)		LF	13.00						1300
120	DITCH REGRADING (2' TO 4' DEEP)	100	LF	14.00	1400.00					1400
121	DITCH REGRADING (4' TO 6' DEEP)	0	LF	16.00						1600
122	FILL A-3 SAND OR BETTER (CONTRACTOR SUPPLY)		CY	17.00						1700
123	FILL A-3 SAND OR BETTER (COUNTY SUPPLY CONTRACTOR HAUL)		CY	9.00						900
124	FILL A-3 SAND OR BETTER (COUNTY SUPPLY AND HAUL IF AVAILABLE)		CY	5.00						500
125	SHRUB RELOCATION (DUE TO LOCATION OF WORK AREA)		EA	350.00						35000
126	ASPHALT PAVEMENT REMOVAL 0 TO 6"	20	SY	13.00	260.00					1300
127	ASPHALT PAVEMENT REMOVAL 6" OR GREATER		SY	20.00						2000
128	ASPHALT SIDEWALK REMOVAL		SY	13.00						1300
129	ASPHALT PATCH REPAIR (TYPE SP 12.5) & TYPE SP 9.5) 2" OR GREATER	20	SY	24.00	480.00					2400
130	1" SP 9.5 ASPHALT		SY	18.75						1875
131	1.5" SP 12.5 ASPHALT		SY	21.00						2100
132	REWORK EXISTING LIMEROCK PRIME SEAL		SY	30.00						3000
133	LIMEROCK 12"		SY	30.00						3000
134	STRIPE REMOVAL (12")		SF	10.00						1000
135	WHITE / YELLOW STRIPING (6")		LF	4.00						400
136	STRIPE REMOVAL (6")		LF	8.00						800
137	WHITE SAFETY WALK STRIPING (12")		LF	10.00						1000
138	24" STRIPING (WHITE)		LF	15.00						1500
139	STRIPE REMOVAL (24")		LF	13.00						1300
140	THERMOPLASTIC STRIPING SOLID WHITE OR YELLOW		LF	8.00						800
141	RAISED PAVEMENT MARKER		EA	15.00						1500
142	FLOATING TURBIDITY BARRIER		LF	12.00						1200
143	EROSION CONTROL - HAY BALES		EA	25.00						2500
144	EROSION CONTROL - SILT BARRIER/FABRIC		LF	1.35						135
145	GRASSING - SOD	150	SY	8.00	1200.00					800
146	GRASSING - SEED AND MULCH		SY	3.75						375
147	FENCE RELOCATION		LF	35.00						3500

148	INSTALLATION OF NEW 6' CHAIN LINK FENCE		LF	40.00					40.00
149	SIGN RELOCATION		EA	225.00					225.00
150	MAIL BOX RELOCATION (USING EXISTING POST)		EA	225.00					225.00
151	VALVE BOX ADJUSTMENT		EA	175.00					175.00
152	HANDICAP RAMPS		EA	355.00					355.00
153	GUARDRAIL		LF	90.00					90.00
154	ADA TACTILE SURFACE MAT		EA	430.00					430.00
155	PCMS (PORTABLE CHANGEABLE MESSAGE SIGNS)		EA/DAY	35.00	325.00				35.00
156	ARROW BOARDS 5' MINIMUM HORIZONTAL SIZE		EA/DAY	20.00					20.00
157	TYPE I BARRICADE		EA/DAY	0.60					0.60
158	TYPE II BARRICADE		EA/DAY	0.60	150.00				0.60
159	TYPE III BARRICADE		EA/DAY	1.30					1.30
160	PLASTIC DRUMS		EA/DAY	0.60					0.60
161	WARNING AND REGULATORY SIGNS IN WORK ZONES (FDOT INDEX NO. 600 SHEET 8)		EA/DAY	0.80	400.00				0.80
162	TWO LANE, TWO WA, WORK ON SHOULDER (FDOT INDEX NO. 602)		EA/DAY	134.00					134.00
163	TWO LANE, TWO WAY, WORK WITHIN THE TRAVEL WAY (FDOT INDEX NO. 603)		EA/DAY	166.00	996.00				166.00
164	TWO LANE, TWO WAY, WORK IN INTERSECTION (FDOT INDEX NO. 604)		EA/DAY	240.00					240.00
165	TWO LANE, TWO WAY, WORK NEAR INTERSECTION (FDOT INDEX NO. 605)		EA/DAY	191.00					191.00
166	TWO LANE, TWO WAY, WORK WITHIN THE TRAVEL WAY SIGNAL CONTROL (FDOT INDEX NO. 66)		EA/DAY	515.00					515.00
167	TWO LANE, TWO WAY, MOBILE OPERATION, WORK ON SHOULDER AND WORK WITHIN THE TRAVEL WAY (FDOT INDEX NO. 607)		EA/DAY	1,300.00					1,300.00
168	TWO LANE, TWO WAY TEMPORARY DIVERSION CONNECTION (FDOT INDEX NO. 608)		EA/DAY	245.00					245.00
169	MULTILANE, WORK ON SHOULDER (FDOT INDEX NO. 612)		EA/DAY	215.00					215.00
170	MULTILANE, WORK WITHIN TRAVEL LANE MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 613)		EA/DAY	245.00					245.00
171	MULTILANE, WORK WITHIN TRAVEL WAY, CENTER LANE (FDOT INDEX NO. 614)		EA/DAY	240.00					240.00
172	MULTILANE, WORK IN INTERSECTION (FDOT INDEX NO. 615)		EA/DAY	240.00					240.00
173	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 616)		EA/DAY	275.00					275.00
174	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS (FDOT INDEX NO. 660)		EA/DAY	210.00					210.00
175	EXCAVATOR		EA	500.00	500.00				500.00
176	FRONT END LOADER		EA	500.00	500.00				500.00

177	LOADER HOE (BACK HOE)		EA	500.00					500.00
178	BULL DOZER		EA	500.00					500.00
179	MOTOR GRADER		EA	500.00					500.00
180	ROLLER		EA	500.00					500.00
181	MIXER		EA	500.00					500.00
182	700 LBS. PLATE HAMMER		EA	50.00	50.00				50.00
183	JUMPING JACK HAMMER		EA	25.00	25.00				25.00
AMENDMENT									
1	60" MES		EA	12,150.00					12,150.00
2	60" rcp 0' TO 5' DEEP		LF	1,050.00					1,050.00
3	60" RCP GREATER THAN 6' DEEP (TO BE DETERMINED BY JOB)		LF						
4	PRECAST BOX CULVERT 3'X4'		LF	2,050.00					2,050.00
5	PRECAST BOX CULVERT 3'X5'		LF	2,150.00					2,150.00
6	HEADWALLS FOR PRECAST BOX CULVERTS		CY	2,500.00					2,500.00
M.E.S. WITH GRATES FDOT INDEX 273									
7	15" RCP / CMP		EA	2,850.00					2,850.00
8	18" RCP / CMP		EA	2,880.00					2,880.00
9	24" RCP / CMP		EA	3,222.00					3,222.00
10	30" RCP / CMP		EA	3,960.00					3,960.00
11	36" RCP / CMP		EA	4,240.00					4,240.00
12	42" RCP / CMP		EA	4,860.00					4,860.00
13	48" RCP / CMP		EA	5,660.00					5,660.00
14	54" RCP / CMP		EA	7,875.00					7,875.00
15	60" RCP / CMP		EA	8,220.00					8,220.00
M.E.S. WITH GRATES FDOT INDEX 273									
16	12"X18" ERCP		EA	2,940.00					2,940.00
17	19"X10" ERCP		EA	3,260.00					3,260.00
18	24"X38" ERCP		EA	3,530.00					3,530.00
19	29"X45" ERCP		EA	4,425.00					4,425.00

20	34"X53" ERCP		EA	5,080.00					5,080.00
21	38" X 60" ERCP		EA	5,490.00					5,490.00
22	43"X68" ERCP		EA	5,950.00					5,950.00
23	48"X76" ERCP		EA	7,240.00					7,240.00
24	53"X83" ERCP		EA	19,000.00					19,000.00
25	58"X91" ERCP		EA	13,848.00					13,848.00
	M.E.S. WITHOUT GRATES								
26	15" RCP / CMP		EA	1,850.00					1,850.00
27	18" RCP / CMP		EA	1,880.00					1,880.00
28	24" RCP / CMP		EA	2,220.00					2,220.00
29	30" RCP / CMP		EA	2,960.00					2,960.00
30	36" RCP / CMP		EA	3,240.00					3,240.00
31	42" RCP / CMP		EA	3,860.00					3,860.00
32	48" RCP / CMP		EA	4,660.00					4,660.00
33	54" RCP / CMP		EA	6,875.00					6,875.00
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	M.E.S. WITHOUT GRATES FDOT INDEX 272								
35	12" X 18" ERCP		EA	1,940.00					1,940.00
36	19" X 10" ERCP		EA	2,260.00					2,260.00
37	24" X 38" ERCP		EA	2,530.00					2,530.00
38	29"X45" ERCP		EA	3,425.00					3,425.00
39	34"X53" ERCP		EA	4,080.00					4,080.00
40	38" X 60" ERCP		EA	4,490.00					4,490.00
41	43"X68"		EA	4,950.00					4,950.00
42	48" X 76" ERCP		EA	6,240.00					6,240.00
43	53" X 83" ERCP		EA	18,000.00					18,000.00
44	58" X 91 ERCP		EA	12,848.00					12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00					90.00
46	GUARDRAIL POST REMOVAL		EA	110.00					110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00					5,000.00

G&H Underground Construction, Inc.
2200 N Ponce DeLeon Blvd Ste. 11
St. Augustine, Florida 32084
Office: (904) 829-8199
Fax: (904) 810-0531

January 20, 2020

Dan Sikes
St Johns County
Countywide Roadway Drainage & Infrastructure
Maintenance Contract# 17-MCC-CHU-08981
Project: #32 & 33 between 7075 & 7006 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement between 7075 & 7006 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing pipe and Headwalls. This work includes Mobilization, Removal of existing pipe and Headwalls, install new 102lf of 36" RCP, Headwall, regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$59,969.44

Thank you,
Wade Gibby

ITEM NO	#32 & 33 between 7075 & 7006 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")		LF	22.00						22.00	
3	PIPE REMOVAL (30" TO 36")	102	LF	30.00	3060.00					30.00	3060.00
4	PIPE REMOVAL (42" TO 48")		LF	35.00						35.00	
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0" TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0" TO 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0" TO 6' DEPTH CLASS III		LF	98.28						98.28	
14	30" RCP, 0" TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0" TO 6' DEPTH CLASS III	102	LF	114.22	11649.44					114.22	11649.44
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III		LF	310.81						310.81	
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0" TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0" TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0" TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0" TO 6' CLASS III		LF	196.47						196.47	
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

30	14"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	130.60						130.60
31	19"X30" ERCP, CLASS III 6' DEPTH OR GREATER		LF	182.74						182.74
32	24"X38" ERCP, CLASS III 6' DEPTH OR GREATER		LF	221.47						221.47
33	29"X45" ERCP, CLASS III 6' DEPTH OR GREATER		LF	276.64						276.64
34	29"X45" ERCP, 0" TO 6' CLASS III		LF	301.24						301.24
35	38"X60" ERCP, CLASS III		LF	401.82						401.82
36	58"X91" ERCP, CLASS III		LF	636.17						636.17
37	38"X60" ERCP, CLASS III 6' DEPTH OR GREATER		LF	486.72						486.72
38	58"X91" ERCP, CLASS III 6' DEPTH OR GREATER		LF	781.17						781.17
39	IRRIGATION, 1/2" SCH 40 FVC		LF	4.25						4.25
40	IRRIGATION PIPE, 3/4" SCH 40 PVC		LF	4.00						4.00
41	SPRINKLER HEAD RELOCATION		EA	23.00						23.00
42	SPRINKLER HEAD INSTALLATION		EA	25.00						25.00
43	PIPE, PVC SCH, SCH 40 4"		LF	16.00						16.00
44	12" DR 18		LF	48.00						48.00
45	HEADWALL REMOVAL		EA	750.00						750.00
46	SPECIAL HEADWALL REMOVAL	2	EA	1,100.00	2,200.00					1,100.00
47	INLET STRUCTURE REMOVAL		EA	1,250.00						1,250.00
48	SAW CUT EXISTING CONCRETE STRUCTURE FOR 15" PIPE TIE IN		EA	1,500.00						1,500.00
49	SAW CUT EXISTING CONCRETE STRUCTURE FOR 24" PIPE TIE IN		EA	2,000.00						2,000.00
50	SAW CUT EXISTING CONCRETE STRUCTURE FOR 36" PIPE TIE IN		EA	2,500.00						2,500.00
51	SAW CUT EXISTING CONCRETE STRUCTURE FOR 48" PIPE TIE IN		EA	3,000.00						3,000.00
52	TYPE B INLET 4X4, 0' TO 4' DEPTH (D-205)		EA	5,178.00						5,178.00
53	TYPE B INLET 4X4, >4' TO 6' DEPTH (D-205)		EA	6,280.00						6,280.00
54	TYPE C INLET, 0' TO 4' DEPTH (D-207)		EA	3,570.00						3,570.00
55	TYPE C INLET, > 4' TO 6' DEPTH (D-207)		EA	3,836.00						3,836.00
56	TYPE E INLET, 0' TO 4' DEPTH (D-208)		EA	3,654.00						3,654.00
57	TYPE E INLET, > 4' TO 6' DEPTH (D-208)		EA	4,572.00						4,572.00
58	TYPE J -1 B MANHOLE / INLET, 0" TO 4' DEPTH (D-201)		EA	4,157.00						4,157.00

59	TYPE J-1 MANHOLE / INLET, > 4' TO 6' DEPTH (D-201)	EA	5,155.00							5,155.00
60	TYPE J-2 MANHOLE 4X5, 0" TO 4' DEPTH (D-202)	EA	5,009.00							5,009.00
61	TYPE J-2 MANHOLE 4X5, > 4' TO 6' DEPTH (D-202)	EA	6,179.00							6,179.00
62	DOT P-5 STORM INLET	EA	6,865.00							6,865.00
63	PRECAST END WALL (15" / 12X18" PIPE) (D-408)	EA	2,250.00							2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)	EA	2,320.00							2,320.00
65	PRECAST END WALL (24" / 19X30" PIPE) (D-408)	EA	2,425.00							2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)	EA	2,530.00							2,530.00
67	PRECAST END WALL (36" / 29X45" PIPE) (D-408)	EA	2,615.00							2,615.00
68	48" HEADWALL	CY	970.00							970.00
69	54" TO 60" STRAIGHT END WALLS	CY	970.00							970.00
70	42" TO 48" STRAIGHT END WALLS	CY	970.00							970.00
71	MES FOR 11" OR CMPDW CULVERT (D-429)	EA	450.00							450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)	EA	550.00							550.00
73	MES FOR 19X30 ERCPOR 20X28 CMPA (D-430)	EA	900.00							900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)	EA	450.00							450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)	EA	490.00							490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)	EA	560.00							560.00
77	12"X12" PRECAST TRENCH	LF	320.00							320.00
78	24"X24" PRECAST TRENCH	LF	410.00							410.00
79	10'X3' BOX CULVERT	CY	2,086.00							2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER	CY	2,236.00							2,236.00
81	10'X3' BOX CULVERT	CY	1,963.00							1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER	CY	2,136.00							2,136.00
83	3'X4' / 4' X 1' BOX CULVERT	CY	1,636.00							1,636.00
84	3' X4' / 4' X3' BOX CULVERT 6' OR GREATER	CY	1,836.00							1,836.00
85	4'X5' BOX CULVERT	CY	1,686.00							1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER	CY	1,886.00							1,886.00
87	TRENCH DRAIN (5' SW)	EA	3,000.00							3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED	LF	27.00							27.00

89	24" RETAINING WALL 4" X 12"	LF	110.00						110.00
90	REINFORCING STEEL	LBS	3.00						3.00
91	RIP RAP	SY	65.00						65.00
92	CONCRETE REMOVAL (0" TO 6" THICK)	SY	9.00						9.00
93	CURB AND GUTTER REMOVAL	LF	7.00						7.00
94	CURB REMOVAL FOR HANDICAP RAMP CONSTRUCT	LF	8.00						8.00
95	CONCRETE TURN-DOWN, 4" THICK (12" TO 18" DEEP)	LF	13.75						13.75
96	INSTALLATION OF 4" THICK CONCRETE SIDEWALK	SY	38.50						38.50
97	INSTALLATION OF 6" THICK CONCRETE SIDEWALK	SY	45.75						45.75
98	INSTALLATION OF COUNTY STANDARD CURB AND GUTTER	LF	32.00						32.00
99	INSTALLATION OF TYPE F CURB (DOT)	LF	36.00						36.00
100	INSTALLATION OF CITY STANDARD HEADER CURB	LF	32.00						32.00
101	CONCRETE DITCH PAVEMENT, NR 4"	SY	50.00						50.00
102	FLOWABLE FILL	CY	270.00						270.00
103	FLOWABLE FILL (HIGH EARLY)	SY	325.00						325.00
104	PICTURE FRAME FINISH FOR DRIVEWAY	SY	81.00						81.00
105	ROCK SALT FINISH FOR DRIVEWAY	SY	76.00						76.00
106	6" CONCRETE DRIVEWAY	SY	62.00						62.00
107	SPEC INLET BOXES	CY	1,500.00						1,500.00
108	MISCELLANEOUS CONCRETE	SY	100.00						100.00
109	CAST IN PLACE / PRECAST MANHOLE TOP W/ RING AND COVER	LS	1,500.00						1,500.00
110	TYPE C INLET POUR IN PLACE WINGS	LS	1,500.00						1,500.00
111	ALUMINUM HANDRAIL FOR TRENCH DRAIN	LF	250.00						250.00
112	ALUMINUM HANDRAIL (NON PICKET)	LF	135.00						135.00
113	ALUMINUM HANDRAIL (PICKET)	LF	210.00						210.00
114	CLEARING AND GRUBBING	ACRE	10,000.00						10,000.00
115	UNCLASSIFIED / UNSUITABLE EXCAVATION WITH HAUL OFF	SY	17.00						17.00
116	ROADWAY SHOULDER REGRADING (2' TO 4' WIDE)	LF	6.00						6.00
117	ROADWAY SHOULDER REGRADING (4' TO 6' WIDE)	LF	8.00						8.00

118	ROADWAY SHOULDER REGRADING (>6' WIDE)		LF	10.00						10.00	
119	DITCH REGRADING (' TO 2' DEEP)		LF	13.00						13.00	
120	DITCH REGRADING (2' TO 4' DEEP)	100	LF	14.00	1400.00					14.00	1400.00
121	DITCH REGRADING (4' TO 6' DEEP)		LF	16.00						16.00	
122	FILL A-3 SAND OR BETTER (CONTRACTOR SUPPLY)		CY	17.00						17.00	
123	FILL A-3 SAND OR BETTER (COUNTY SUPPLY CONTRACTOR HAUL)		CY	9.00						9.00	
124	FILL A-3 SAND OR BETTER (COUNTY SUPPLY AND HAUL IF AVAILABLE)		CY	5.00						5.00	
125	SHRUB RELOCATION (DUE TO LOCATION OF WORK AREA)		EA	350.00						350.00	
126	ASPHALT PAVEMENT REMOVAL 0 TO 6"	25	SY	13.00	325.00					13.00	325.00
127	ASPHALT PAVEMENT REMOVAL 6" OR GREATER		SY	20.00						20.00	
128	ASPHALT SIDEWALK REMOVAL		SY	13.00						13.00	
129	ASPHALT PATCH REPAIR (TYPE SP.12.5 & TYPE SP.9.5) 2" OR GREATER	25	SY	24.00	600.00					24.00	600.00
130	1" SP 9.5 ASPHALT		SY	18.75						18.75	
131	1.5" SP 12.5 ASPHALT		SY	21.00						21.00	
132	REWORK EXISTING LIMEROCK PRIME SEAL		SY	30.00						30.00	
133	LIMEROCK 12"		SY	30.00						30.00	
134	STRIPE REMOVAL (12")		SF	10.00						10.00	
135	WHITE / YELLOW STRIPING (6")		LF	4.00						4.00	
136	STRIPE REMOVAL (6")		LF	8.00						8.00	
137	WHITE SAFETY WALK STRIPING (12")		LF	10.00						10.00	
138	24" STRIPING (WHITE)		LF	15.00						15.00	
139	STRIPE REMOVAL (24")		LF	13.00						13.00	
140	THERMOPLASTIC STRIPING SOLID WHITE OR YELLOW		LF	8.00						8.00	
141	RAISED PAVEMENT MARKER		EA	15.00						15.00	
142	FLOATING TURBIDITY BARRIER		LF	12.00						12.00	
143	EROSION CONTROL - HAY BALES		EA	25.00						25.00	
144	EROSION CONTROL - SILT BARRIER/ FABRIC		LF	1.33						1.33	
145	GRASSING -SOD	200	SY	3.00	600.00					3.00	600.00
146	GRASSING -SEED AND MULCH		SY	3.75						3.75	
147	FENCE RELOCATION		LF	35.00						35.00	

20	34" X 53" ERCP		EA	5,080.00				5,080.00
21	38" X 60" ERCP		EA	5,490.00				5,490.00
22	43" X 68" ERCP		EA	5,950.00				5,950.00
23	48" X 76" ERCP		EA	7,240.00				7,240.00
24	53" X 83" ERCP		EA	19,000.00				19,000.00
25	58" X 91" ERCP		EA	13,848.00				13,848.00
	M.E.S. WITHOUT GRATES							
26	15" RCP / CMP		EA	1,850.00				1,850.00
27	18" RCP / CMP		EA	1,880.00				1,880.00
28	24" RCP / CMP		EA	2,220.00				2,220.00
29	30" RCP / CMP		EA	2,960.00				2,960.00
30	36" RCP / CMP		EA	3,240.00				3,240.00
31	42" RCP / CMP		EA	3,860.00				3,860.00
32	48" RCP / CMP		EA	4,660.00				4,660.00
33	54" RCP / CMP		EA	6,875.00				6,875.00
34	60" RCP / CMP		EA	7,220.00				7,220.00
	M.E.S. WITHOUT GRATES FDOT INDEX 272							
35	12" X 18" ERCP		EA	1,940.00				1,940.00
36	19" X 10" ERCP		EA	2,260.00				2,260.00
37	24" X 38" ERCP		EA	2,530.00				2,530.00
38	29" X 45" ERCP		EA	3,425.00				3,425.00
39	34" X 53" ERCP		EA	4,080.00				4,080.00
40	38" X 60" ERCP		EA	4,490.00				4,490.00
41	43" X 68"		EA	4,950.00				4,950.00
42	48" X 76" ERCP		EA	6,240.00				6,240.00
43	53" X 83" ERCP		EA	18,000.00				18,000.00
44	58" X 91 ERCP		EA	12,848.00				12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00				90.00
46	GUARDRAIL POST REMOVAL		EA	110.00				110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00				5,000.00

48	57 STONE	0	TON	110.00					110.00	
49	BYPASS PUMP 6"	6	DAY	1,100.00	6,600.00				1,100.00	
50	BYPASS PUMP 8"		DAY	1,400.00					1,400.00	
51	BYPASS PUMP 10"		DAY	2,000.00					2,000.00	
52	BYPASS PUMP 12"		DAY	3,000.00					3,000.00	
53	FIBER CONCRETE		CY	650.00					650.00	
54	CROSS WALK SIGN		EA	625.00					625.00	
55	CROSS WALK AHEAD SIGN		EA	625.00					625.00	
DESILTING PIPE										
56	0" - 24" TO BE DETERMINED BY JOB		LF							
57	25" - 36" TO BE DETERMINED BY JOB		LF							
58	37" - 48" TO BE DETERMINED BY JOB		LF							
59	49" - 60" TO BE DETERMINED BY JOB		LF							
60	61" AND GREATER TO BE DETERMINED BY JOB		LF							
61	DESILTING BOX CULVERT		CY	125.00					125.00	
VIDEOING PIPE										
62	STORM SEWER INSPECTION (VIDEO CAMERA)		LF	15.00					15.00	
63	DEWATERING FOR VIDEO INSPECTION		EA	5,000.00					5,000.00	
64	STORM SEWER INSPECTION (VIDEO CAMERA - PER JOINT)		EA	25.00					25.00	
65	SUB -SURFACE UTILITY ENGINEERING (SUE) OR VVH/ SOFT DIGS		DAY	2,000.00					2,000.00	
66	HORIZONTAL DIRECTIONAL DRILL TO BE DETERMINED BY JOB		LF							
67	MISCELLANEOUS CONCRETE	18	CY	800.00	14,400.00				800.00	
									59,969.44	

G&H Underground Construction, Inc.

2200 N Ponce DeLeon Blvd Ste. 11

St. Augustine, Florida 32084

Office: (904) 829-8199

Fax: (904) 810-0531

January 20, 2019

Dan Sikes
St Johns County
Countywide Roadway Drainage & Infrastructure
Maintenance Contract# 17-MCC-CHU-08981
Project: #22&23between 7240 and 7272 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement between 7240 and 7272 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing 36" pipe and Headwalls. This work includes Mobilization, Removal of existing pipe and Headwalls, install new 100lf of 36" RCP, Headwall, regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$54,237.00

Thank you,
Wade Gibby

ITEM NO	# 22&23 Between 7240 & 7272 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")		LF	22.00						22.00	
3	PIPE REMOVAL (30" TO 36")	100	LF	30.00	3,000.00					30.00	3,000.00
4	PIPE REMOVAL (42" TO 48")		LF	35.00						35.00	
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0" TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0" TP 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0" TO 6' DEPTH CLASS III		LF	98.28						98.28	
14	30" RCP, 0" TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0" TO 6' DEPTH CLASS III	100	LF	146.22	14,622.00					146.22	14,622.00
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III		LF	310.81						310.81	
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0" TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0" TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0" TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0" TO 6' CLASS III		LF	196.47						196.47	
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

59	TYPE J-1 BMANHOLE / INLET, > 4' TO 6' DEPTH (D-201)	EA	5,155.00						5,155.00
60	TYPE J-2 MANHOLE 4X5, 0' TO 4' DEPTH (D-202)	EA	5,009.00						5,009.00
61	TYPE J-2 MANHOLE 4X5, > 4' TO 6' DEPTH (D-202)	EA	6,179.00						6,179.00
62	DOT P-5 STORM INLET	EA	6,865.00						6,865.00
63	PRECAST END WALL (15" / 12X18" PIPE) (D-408)	EA	2,250.00						2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)	EA	2,320.00						2,320.00
65	PRECAST END WALL (24" / 19X30" PIPE) (D-408)	EA	2,425.00						2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)	EA	2,530.00						2,530.00
67	PRECAST END WALL (36" / 29X45" PIPE) (D-408)	EA	2,615.00						2,615.00
68	48" HEADWALL	CY	970.00						970.00
69	54" TO 60" STRAIGHT END WALLS	CY	970.00						970.00
70	42" TO 48" STRAIGHT END WALLS	CY	970.00						970.00
71	MES FOR 15" OR CMPDW CULVERT (D-429)	EA	450.00						450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)	EA	550.00						550.00
73	MES FOR 19X30 ERCPOR 20X28 CMPA (D-430)	EA	900.00						900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)	EA	450.00						450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)	EA	490.00						490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)	EA	560.00						560.00
77	12"X12" PRECAST TRENCH	LF	320.00						320.00
78	24"X24" PRECAST TRENCH	LF	410.00						410.00
79	10'X5' BOX CULVERT	CY	2,086.00						2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER	CY	2,236.00						2,236.00
81	10'X3' BOX CULVERT	CY	1,963.00						1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER	CY	2,136.00						2,136.00
83	3'X4' / 4' X 3' BOX CULVERT	CY	1,636.00						1,636.00
84	3' X4' / 4' X 3' BOX CULVERT 6' OR GREATER	CY	1,836.00						1,836.00
85	4'X5' BOX CULVERT	CY	1,686.00						1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER	CY	1,886.00						1,886.00
87	TRENCH DRAIN (5' SW)	EA	3,000.00						3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED	LF	27.00						27.00

20	34"X53" ERCP		EA	5,080.00					5,080.00
21	38" X 60" ERCP		EA	5,490.00					5,490.00
22	43"X68" ERCP		EA	5,950.00					5,950.00
23	48"X76" ERCP		EA	7,240.00					7,240.00
24	53"X83" ERCP		EA	19,000.00					19,000.00
25	58"X91" ERCP		EA	13,848.00					13,848.00
	M.E.S. WITHOUT GRATES								
26	15" RCP / CMP		EA	1,850.00					1,850.00
27	18" RCP / CMP		EA	1,880.00					1,880.00
28	24" RCP / CMP		EA	2,220.00					2,220.00
29	30" RCP / CMP		EA	2,960.00					2,960.00
30	36" RCP / CMP		EA	3,240.00					3,240.00
31	42" RCP / CMP		EA	3,860.00					3,860.00
32	48" RCP / CMP		EA	4,660.00					4,660.00
33	54" RCP / CMP		EA	6,875.00					6,875.00
34	60" RCP / CMP		EA	7,220.00					7,220.00
	M.E.S. WITHOUT GRATES FDOT INDEX 272								
35	12" X 18" ERCP		EA	1,940.00					1,940.00
36	19" X 10" ERCP		EA	2,260.00					2,260.00
37	24" X 38" ERCP		EA	2,530.00					2,530.00
38	29"X45" ERCP		EA	3,425.00					3,425.00
39	34"X53" ERCP		EA	4,080.00					4,080.00
40	38" X 60" ERCP		EA	4,490.00					4,490.00
41	43"X68"		EA	4,950.00					4,950.00
42	48" X 76" ERCP		EA	6,240.00					6,240.00
43	53" X 83" ERCP		EA	18,000.00					18,000.00
44	58" X 91 ERCP		EA	12,848.00					12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00					90.00
46	GUARDRAIL POST REMOVAL		EA	110.00					110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00					5,000.00

G&H Underground Construction, Inc.
2200 N Ponce DeLeon Blvd Ste. 11
St. Augustine, Florida 32084
Office: (904) 829-8199
Fax: (904) 810-0531

January 17, 2020

Dan Sikes
St Johns County
Countywide Roadway Drainage & Infrastructure
Maintenance Contract# 17-MCC-CHU-08981
Project: # 35 – 7520 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement at 7520 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing pipe and headwalls. This work includes Mobilization, Removal of existing 24" CMP and Headwalls, install new 46lf of 24" RCP, Precast End Walls, Regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$26,998.88

Thank you,
Wade Gibby

ITEM NO	# 35 - 7520 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")	46	LF	22.00						22.00	1012.00
3	PIPE REMOVAL (30" TO 36")		LF	30.00						30.00	
4	PIPE REMOVAL (42" TO 48")		LF	35.00						35.00	
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0' TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0' TO 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0' TO 6' DEPTH CLASS III	46	LF	98.28	4520.88					98.28	4520.88
14	30" RCP, 0' TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0' TO 6' DEPTH CLASS III		LF	146.22						146.22	
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III		LF	310.81						310.81	
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0' TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0' TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0' TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0' TO 6' CLASS III		LF	196.47						196.47	
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

30	14"X18" ERCP, CLASS III 6' DEPTH OR GREATER	LF	130.60						130.60	
31	19"X30" ERCP, CLASS III 6' DEPTH OR GREATER	LF	182.74						182.74	
32	24"X38" ERCP, CLASS III 6' DEPTH OR GREATER	LF	221.47						221.47	
33	29"X45" ERCP, CLASS III 6' DEPTH OR GREATER	LF	276.64						276.64	
34	29"X45" ERCP, 0" TO 6' CLASS III	LF	301.24						301.24	
35	38"X60" ERCP, CLASS III	LF	401.82						401.82	
36	58"X91" ERCP, CLASS III	LF	636.17						636.17	
37	38"X60" ERCP, CLASS III 6' DEPTH OR GREATER	LF	486.72						486.72	
38	58"X91" ERCP, CLASS III 6' DEPTH OR GREATER	LF	781.17						781.17	
39	IRRIGATION, 1/2" SCH 40 PVC	LF	4.25						4.25	
40	IRRIGATION PIPE, 3/4" SCH 40 PVC	LF	4.00						4.00	
41	SPRINKLER HEAD RELOCATION	EA	23.00						23.00	
42	SPRINKLER HEAD INSTALLATION	EA	25.00						25.00	
43	PIPE, PVC SCH, SCH 40 4"	LF	16.00						16.00	
44	12" DR 18	LF	48.00						48.00	
45	HEADWALL REMOVAL	EA	750.00						750.00	
46	SPECIAL HEADWALL REMOVAL	EA	1,100.00	2	2,200.00				1,100.00	2,200.00
47	INLET STRUCTURE REMOVAL	EA	1,250.00						1,250.00	
48	SAW CUT EXISTING CONCRETE STRUCTURE FOR 15" PIPE TIE IN	EA	1,500.00						1,500.00	
49	SAW CUT EXISTING CONCRETE STRUCTURE FOR 24" PIPE TIE IN	EA	2,000.00						2,000.00	
50	SAW CUT EXISTING CONCRETE STRUCTURE FOR 36" PIPE TIE IN	EA	2,500.00						2,500.00	
51	SAW CUT EXISTING CONCRETE STRUCTURE FOR 48" PIPE TIE IN	EA	3,000.00						3,000.00	
52	TYPE B INLET 4X4, 0' TO 4' DEPTH (D-205)	EA	5,178.00						5,178.00	
53	TYPE B INLET 4X4, >4' TO 6' DEPTH (D-205)	EA	6,280.00						6,280.00	
54	TYPE C INLET, 0' TO 4' DEPTH (D-207)	EA	3,570.00						3,570.00	
55	TYPE C INLET, > 4' TO 6' DEPTH (D-207)	EA	3,836.00						3,836.00	
56	TYPE E INLET, 0' TO 4' DEPTH (D-208)	EA	3,654.00						3,654.00	
57	TYPE E INLET, > 4' TO 6' DEPTH (D-208)	EA	4,572.00						4,572.00	
58	TYPE J-1 B MANHOLE / INLET, 0' TO 4' DEPTH (D-201)	EA	4,157.00						4,157.00	

59	TYPE J -1 B MANHOLE / INLET, > 4' TO 6' DEPTH (D-201)	EA	5,155.00						5,155.00
60	TYPE J-2 MANHOLE 4X5, 0" TO 4' DEPTH (D-202)	EA	5,009.00						5,009.00
61	TYPE J-2 MANHOLE 4X5, > 4' TO 6' DEPTH (D-202)	EA	6,179.00						6,179.00
62	DOT P-5 STORM INLET	EA	6,865.00						6,865.00
63	PRECAST END WALL (15" / 12X18" PIPE) (D-408)	EA	2,250.00						2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)	EA	2,320.00						2,320.00
65	PRECAST END WALL (24" / 19X30" PIPE) (D-408)	EA	2,425.00		4,850.00				2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)	EA	2,530.00						2,530.00
67	PRECAST END WALL (36" / 29X145" PIPE) (D-408)	EA	2,615.00						2,615.00
68	48" HEADWALL	CY	970.00						970.00
69	54" TO 60" STRAIGHT END WALLS	CY	970.00						970.00
70	42" TO 48" STRAIGHT END WALLS	CY	970.00						970.00
71	MES FOR 15" OR CMPDW CULVERT (D-429)	EA	450.00						450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)	EA	550.00						550.00
73	MES FOR 19X30 ERCP OR 20X28 CMPA (D-430)	EA	900.00						900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)	EA	450.00						450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)	EA	490.00						490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)	EA	560.00						560.00
77	12"X12" PRECAST TRENCH	LF	320.00						320.00
78	24"X24" PRECAST TRENCH	LF	410.00						410.00
79	10'X5' BOX CULVERT	CY	2,086.00						2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER	CY	2,236.00						2,236.00
81	10'X3' BOX CULVERT	CY	1,963.00						1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER	CY	2,136.00						2,136.00
83	3'X4' / 4' X 3' BOX CULVERT	CY	1,636.00						1,636.00
84	3' X4' / 4' X 3' BOX CULVERT 6' OR GREATER	CY	1,836.00						1,836.00
85	4'X5' BOX CULVERT	CY	1,686.00						1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER	CY	1,886.00						1,886.00
87	TRENCH DRAIN (5' SW)	EA	3,000.00						3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED	LF	27.00						27.00

89	24" RETAINING WALL 4" X 12"	LF	110.00						110.00
90	REINFORCING STEEL	LBS	3.00						3.00
91	RIP RAP	SY	65.00						65.00
92	CONCRETE REMOVAL (0" TO 6" THICK)	SY	9.00						9.00
93	CURB AND GUTTER REMOVAL	LF	7.00						7.00
94	CURB REMOVAL FOR HANDICAP RAMP CONSTRUCT	LF	8.00						8.00
95	CONCRETE TURN-DOWN, 4" THICK (12" TO 18" DEEP)	LF	13.75						13.75
96	INSTALLATION OF 4" THICK CONCRETE SIDEWALK	SY	38.50						38.50
97	INSTALLATION OF 6" THICK CONCRETE SIDEWALK	SY	45.75						45.75
98	INSTALLATION OF COUNTY STANDARD CURB AND GUTTER	LF	32.00						32.00
99	INSTALLATION OF TYPE F CURB (DOT)	LF	36.00						36.00
100	INSTALLATION OF CITY STANDARD HEADER CURB	LF	32.00						32.00
101	CONCRETE DITCH PAVEMENT, NR 4"	SY	50.00						50.00
102	FLOWABLE FILL	CY	270.00						270.00
103	FLOWABLE FILL (HIGHEARCY)	15 CY	325.00		4875.00				325.00
104	PICTURE FRAME FINISH FOR DRIVEWAY	SY	81.00						81.00
105	ROCK SALT FINISH FOR DRIVEWAY	SY	76.00						76.00
106	6" CONCRETE DRIVEWAY	SY	62.00						62.00
107	SPEC INLET BOXES	CY	1,500.00						1,500.00
108	MISCELLANEOUS CONCRETE	SY	100.00						100.00
109	CAST INPLACE / PRECAST MANHOLE TOP W/ RING AND COVER	LS	1,500.00						1,500.00
110	TYPE C INLET POUR IN PLACE WINGS	LS	1,500.00						1,500.00
111	ALUMINUM HANDRAIL FOR TRENCH DRAIN	LF	250.00						250.00
112	ALUMINUM HANDRAIL (NON PICKET)	LF	135.00						135.00
113	ALUMINUM HANDRAIL (PICKET)	LF	210.00						210.00
114	CLEARING AND GRUBBING	ACRE	10,000.00						10,000.00
115	UNCLASSIFIED / UNSUITABLE EXCAVATION WITH HAUL OFF	15 CY	17.00		255.00				17.00
116	ROADWAY SHOULDER REGRADING (2' TO 4' WIDE)	100 LF	6.00		600.00				6.00
117	ROADWAY SHOULDER REGRADING (4; TO 6' WIDE)	LF	8.00						8.00

118	ROADWAY SHOULDER REGRADING (>6' WIDE)		LF	10.00						1000
119	DITCH REGRADING (1' TO 2' DEEP)		LF	13.00						1300
120	DITCH REGRADING (2' TO 4' DEEP)	100	LF	14.00	1400.00					1400
121	DITCH REGRADING (4' TO 6' DEEP)		LF	16.00						1600
122	FILL A-3 SAND OR BETTER (CONTRACTOR SUPPLY)		CY	17.00						1700
123	FILL A-3 SAND OR BETTER (COUNTY SUPPLY CONTRACTOR HAUL)		CY	9.00						900
124	FILL A-3 SAND OR BETTER (COUNTY SUPPLY AND HAUL IF AVAILABLE)		CY	5.00						500
125	SHRUB RELOCATION (DUE TO LOCATION OF WORK AREA)		EA	350.00						35000
126	ASPHALT PAVEMENT REMOVAL 10' TO 6'	20	SY	13.00	260.00					1300
127	ASPHALT PAVEMENT REMOVAL 6" OR GREATER		SY	20.00						2000
128	ASPHALT SIDEWALK REMOVAL		SY	13.00						1300
129	ASPHALT PATCH REPAIR (TYPE SP 2.5 OR TYPE SP 9.5) 2" OR GREATER	20	SY	24.00	480.00					2400
130	1" SP 9.5 ASPHALT		SY	18.75						1875
131	1.5" SP 12.5 ASPHALT		SY	21.00						2100
132	REWORK EXISTING LIMEROCK PRIME SEAL		SY	30.00						3000
133	LIMEROCK 12"		SY	30.00						3000
134	STRIPE REMOVAL (12")		SF	10.00						1000
135	WHITE / YELLOW STRIPING (6")		LF	4.00						400
136	STRIPE REMOVAL (6")		LF	8.00						800
137	WHITE SAFETY WALK STRIPING (12")		LF	10.00						1000
138	24" STRIPING (WHITE)		LF	15.00						1500
139	STRIPE REMOVAL (24")		LF	13.00						1300
140	THERMOPLASTIC STRIPING SOLID WHITE OR YELLOW		LF	8.00						800
141	RAISED PAVEMENT MARKER		EA	15.00						1500
142	FLOATING TURBIDITY BARRIER		LF	12.00						1200
143	EROSION CONTROL - HAY BALES		EA	25.00						2500
144	EROSION CONTROL - SILT BARRIER/FABRIC		LF	1.35						135
145	GRASSING - SOD	130	SY	8.00	1040.00					1040
146	GRASSING - SEED AND MULCH		SY	3.75						375
147	FENCE RELOCATION		LF	35.00						3500

148	INSTALLATION OF NEW 6' CHAIN LINK FENCE		LF	40.00						40.00	
149	SIGN RELOCATION		EA	225.00						225.00	
150	MAILBOX RELOCATION (USING EXISTING POST)		EA	225.00						225.00	
151	VALVE BOX ADJUSTMENT		EA	175.00						175.00	
152	HANDICAP RAMPS		EA	355.00						355.00	
153	GUARDRAIL		LF	90.00						90.00	
154	ADA TACTILE SURFACE MAT		EA	430.00						430.00	
155	PCMS (PORTABLE CHANGEABLE MESSAGE SIGNS)	15	EA/DAY	35.00	525.00					35.00	525.00
156	ARROW BOARDS 5' MINIMUM HORIZONTAL SIZE		EA/DAY	20.00						20.00	
157	TYPE I BARRICADE		EA/DAY	0.60						0.60	
158	TYPE II BARRICADE	250	EA/DAY	0.60	150.00					0.60	150.00
159	TYPE III BARRICADE		EA/DAY	1.30						1.30	
160	PLASTIC DRUMS		EA/DAY	0.60						0.60	
161	WARNING AND REGULATORY SIGNS IN WORK ZONES (FDOT INDEX NO. 600 SHEET 8)	500	EA/DAY	0.80	400.00					0.80	400.00
162	TWO LANE, TWO WA, WORK ON SHOULDER (FDOT INDEX NO. 602)		EA/DAY	134.00						134.00	
163	TWO LANE, TWO WAY WORK WITHIN THE TRAVELWAY (FDOT INDEX NO. 603)	166	EA/DAY	166.00	996.00					166.00	996.00
164	TWO LANE, TWO WAY, WORK IN INTERSECTION (FDOT INDEX NO. 604)		EA/DAY	240.00						240.00	
165	TWO LANE, TWO WAY, WORK NEAR INTERSECTION (FDOT INDEX NO. 605)		EA/DAY	191.00						191.00	
166	TWO LANE, TWO WAY, WORK WITHIN THE TRAVEL WAY SIGNAL CONTROL (FDOT INDEX NO. 66)		EA/DAY	515.00						515.00	
167	TWO LANE, TWO WAY, MOBILE OPERATION, WORK ON SHOULDER AND WORK WITHIN THE TRAVELWAY (FDOT INDEX NO. 607)		EA/DAY	1,300.00						1,300.00	
168	TWO LANE, TWO WAY TEMPORARY DIVERSION CONNECTION (FDOT INDEX NO 608)		EA/DAY	245.00						245.00	
169	MULTILANE, WORK ON SHOULDER (FDOT INDEX NO. 612)		EA/DAY	215.00						215.00	
170	MULTILANE, WORK WITHIN TRAVEL LANE MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 613)		EA/DAY	245.00						245.00	
171	MULTILANE, WORK WITHIN TRAVEL WAY, CENTER LANE (FDOT INDEX NO. 614)		EA/DAY	240.00						240.00	
172	MULTILANE, WORK IN INTERSECTION (FDOT INDEX NO. 615)		EA/DAY	240.00						240.00	
173	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OURSIDE LANE (FDOT INDEX NO. 616)		EA/DAY	275.00						275.00	
174	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS (FDOT INDEX NO. 660)		EA/DAY	210.00						210.00	
175	EXCAVATOR	1	BEA	500.00	500.00					500.00	500.00
176	FRONT END LOADER	1	BEA	500.00	500.00					500.00	500.00

177	LOADER HOE (BACK HOE)	EA	500.00		500.00
178	BULL DOZER	EA	500.00		500.00
179	MOTOR GRADER	EA	500.00		500.00
180	ROLLER	EA	500.00		500.00
181	MIXER	EA	500.00		500.00
182	700 LBS PATE TAMP	EA	50.00	50.00	50.00
183	JUMPING JACK TAMP	EA	25.00	25.00	25.00
AMENDMENT					
1	60" MES	EA	12,150.00		12,150.00
2	60" rcp 0' TO 5' DEEP	LF	1,050.00		1,050.00
3	60" RCP GREATER THAN 6' DEEP (TO BE DETERMINED BY JOB)	LF			
4	PRECAST BOX CULVERT 3'X4'	LF	2,050.00		2,050.00
5	PRECAST BOX CULVERT 3'X5'	LF	2,150.00		2,150.00
6	HEADWALLS FOR PRECAST BOX CULVERTS	CY	2,500.00		2,500.00
M.E.S. WITH GRATES FDOT INDEX 273					
7	15" RCP / CMP	EA	2,850.00		2,850.00
8	18" RCP / CMP	EA	2,880.00		2,880.00
9	24" RCP / CMP	EA	3,222.00		3,222.00
10	30" RCP / CMP	EA	3,960.00		3,960.00
11	36" RCP / CMP	EA	4,240.00		4,240.00
12	42" RCP / CMP	EA	4,860.00		4,860.00
13	48" RCP / CMP	EA	5,660.00		5,660.00
14	54" RCP / CMP	EA	7,875.00		7,875.00
15	60" RCP / CMP	EA	8,220.00		8,220.00
M.E.S. WITH GRATES FDOT INDEX 273					
16	12"X18" ERCP	EA	2,940.00		2,940.00
17	19"X10" ERCP	EA	3,260.00		3,260.00
18	24"X38" ERCP	EA	3,530.00		3,530.00
19	29"X45" ERCP	EA	4,425.00		4,425.00

20	34"X53" ERCP		EA	5,080.00					5,080.00
21	38" X 60" ERCP		EA	5,490.00					5,490.00
22	43"X68" ERCP		EA	5,950.00					5,950.00
23	48"X76" ERCP		EA	7,240.00					7,240.00
24	53"X83" ERCP		EA	19,000.00					19,000.00
25	58"X91" ERCP		EA	13,848.00					13,848.00
M.E.S. WITHOUT GRATES									
26	15" RCP / CMP		EA	1,850.00					1,850.00
27	18" RCP / CMP		EA	1,880.00					1,880.00
28	24" RCP / CMP		EA	2,220.00					2,220.00
29	30" RCP / CMP		EA	2,960.00					2,960.00
30	36" RCP / CMP		EA	3,240.00					3,240.00
31	42" RCP / CMP		EA	3,860.00					3,860.00
32	48" RCP / CMP		EA	4,660.00					4,660.00
33	54" RCP / CMP		EA	6,875.00					6,875.00
34	60" RCP / CMP		EA	7,220.00					7,220.00
M.E.S. WITHOUT GRATES FDOT INDEX 272									
35	12" X 18" ERCP		EA	1,940.00					1,940.00
36	19" X 10" ERCP		EA	2,260.00					2,260.00
37	24" X 38" ERCP		EA	2,530.00					2,530.00
38	29"X45" ERCP		EA	3,425.00					3,425.00
39	34"X53" ERCP		EA	4,080.00					4,080.00
40	38" X 60" ERCP		EA	4,490.00					4,490.00
41	43"X68"		EA	4,950.00					4,950.00
42	48" X 76" ERCP		EA	6,240.00					6,240.00
43	53" X 83" ERCP		EA	18,000.00					18,000.00
44	58" X 91 ERCP		EA	12,848.00					12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00					90.00
46	GUARDRAIL POST REMOVAL		EA	110.00					110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00					5,000.00

G&H Underground Construction, Inc.

2200 N Ponce DeLeon Blvd Ste. 11

St. Augustine, Florida 32084

Office: (904) 829-8199

Fax: (904) 810-0531

January 20, 2020

Dan Sikes

St Johns County

Countywide Roadway Drainage & Infrastructure

Maintenance Contract# 17-MCC-CHU-08981

Project: # 35 – Between 7575 and 7620 County Rd 208

Thank you for the opportunity to provide you with an estimate for the culvert replacement between 7575 and 7620 County Rd 208. This estimate is to provide all Labor, Equipment, and Materials to remove and replace existing pipe and headwalls. This work includes Mobilization, Removal of existing CMP and Headwalls, install new 100LF of 24x38" ERCP, Precast End Walls, Regrade shoulders and ditches, Maintenance of Traffic, and sod all disturbs areas. G&H Underground will need 120 days from Notice to Proceed to complete this project.

TOTAL \$62,042.00

Thank you,
Wade Gibby

ITEM NO	# 35 - Between 7575 & 7820 County Road 208 County Rd 208 DESCRIPTION	QTY	UNIT MEAS	UNIT COST	TOTAL MATERIAL	UNIT SUBC.	TOTAL SUBC.	LABOR	TOTAL LABOR	UNIT COST TOTAL	TOTAL
1	PIPE REMOVAL (12" TO 15")		LF	16.00						16.00	
2	PIPE REMOVAL (18" TO 24")		LF	22.00						22.00	
3	PIPE REMOVAL (30" TO 36")	100	LF	30.00	3,000.00					3,000.00	3,000.00
4	PIPE REMOVAL (42" TO 48")		LF	35.00						35.00	
5	PIPE REMOVAL (>56")		LF	40.00						40.00	
6	PIPE REMOVAL (12" TO 15") 6' DEPTH OR GREATER		LF	20.00						20.00	
7	PIPE REMOVAL (18" TO 24") 6' DEPTH OR GREATER		LF	28.00						28.00	
8	PIPE REMOVAL (30" TO 36") 6' DEPTH OR GREATER		LF	35.00						35.00	
9	PIPE REMOVAL (42" TO 48") 6' DEPTH OR GREATER		LF	41.00						41.00	
10	PIPE REMOVAL (>56") 6' DEPTH OR GREATER		LF	52.00						52.00	
11	15" RCP, 0" TO 6' DEPTH CLASS III		LF	69.50						69.50	
12	18" RCP, 0" TP 6' DEPTH CLASS III		LF	81.22						81.22	
13	24" RCP, 0" TO 6' DEPTH CLASS III		LF	98.28						98.28	
14	30" RCP, 0" TO 6' DEPTH CLASS III		LF	118.26						118.26	
15	36" RCP, 0" TO 6' DEPTH CLASS III		LF	146.22						146.22	
16	15" RCP, CLASS III 6' DEPTH OR GREATER		LF	86.50						86.50	
17	18" RCP, CLASS III 6' DEPTH OR GREATER		LF	105.00						105.00	
18	24" RCP, CLASS III 6' DEPTH OR GREATER		LF	125.28						125.28	
19	30" RCP, CLASS III 6' DEPTH OR GREATER		LF	160.26						160.26	
20	36" RCP, CLASS III 6' DEPTH OR GREATER		LF	200.22						200.22	
21	42" RCP, CLASS III		LF	247.59						247.59	
22	48" RCP, CLASS III		LF	310.81						310.81	
23	42" RCP, CLASS III 6' DEPTH OR GREATER		LF	322.59						322.59	
24	48" RCP, CLASS III 6' DEPTH OR GREATER		LF	385.81						385.81	
25	12"X18" ERCP, 0" TO 6' DEPTH CLASS III		LF	91.52						91.52	
26	14"X23" ERCP, 0" TO 6' CLASS III		LF	112.60						112.60	
27	19"X30" ERCP, 0" TO 6' CLASS III		LF	152.74						152.74	
28	24"X38" ERCP, 0" TO 6' CLASS III	100	LF	196.47	19,647.00					19,647.00	19,647.00
29	12"X18" ERCP, CLASS III 6' DEPTH OR GREATER		LF	109.52						109.52	

30	14"X18" ERCP, CLASS III 6' DEPTH OR GREATER	LF	130.60						130.60
31	19"X30" ERCP, CLASS III 6' DEPTH OR GREATER	LF	182.74						182.74
32	24"X38" ERCP, CLASS III 6' DEPTH OR GREATER	LF	221.47						221.47
33	29"X45" ERCP, CLASS III 6' DEPTH OR GREATER	LF	276.64						276.64
34	29"X45" ERCP, 0" TO 6' CLASS III	LF	301.24						301.24
35	38"X60" ERCP, CLASS III	LF	401.82						401.82
36	58"X91" ERCP, CLASS III	LF	636.17						636.17
37	38"X60" ERCP, CLASS III 6' DEPTH OR GREATER	LF	486.72						486.72
38	58"X91" ERCP, CLASS III 6' DEPTH OR GREATER	LF	781.17						781.17
39	IRRIGATION, 1/2" SCH 40 PVC	LF	4.25						4.25
40	IRRIGATION PIPE, 3/4" SCH 40 PVC	LF	4.00						4.00
41	SPRINKLER HEAD RELOCATION	EA	23.00						23.00
42	SPRINKLER HEAD INSTALLATION	EA	25.00						25.00
43	PIPE, PVC SCH. SCH 40 4"	LF	16.00						16.00
44	12" DR 18	LF	48.00						48.00
45	HEADWALL REMOVAL	EA	750.00						750.00
46	SPECIAL HEADWALL REMOVAL	EA	2,200.00						2,200.00
47	INLET STRUCTURE REMOVAL	EA	1,250.00						1,250.00
48	SAW CUT EXISTING CONCRETE STRUCTURE FOR 15" PIPE TIE IN	EA	1,500.00						1,500.00
49	SAW CUT EXISTING CONCRETE STRUCTURE FOR 24" PIPE TIE IN	EA	2,000.00						2,000.00
50	SAW CUT EXISTING CONCRETE STRUCTURE FOR 36" PIPE TIE IN	EA	2,500.00						2,500.00
51	SAW CUT EXISTING CONCRETE STRUCTURE FOR 48" PIPE TIE IN	EA	3,000.00						3,000.00
52	TYPE B INLET 4X4, 0' TO 4' DEPTH (D-205)	EA	5,178.00						5,178.00
53	TYPE B INLET 4X4, >4' TO 6' DEPTH (D-205)	EA	6,280.00						6,280.00
54	TYPE C INLET, 0' TO 4' DEPTH (D-207)	EA	3,570.00						3,570.00
55	TYPE C INLET, >4' TO 6' DEPTH (D-207)	EA	3,836.00						3,836.00
56	TYPE E INLET, 0' TO 4' DEPTH (D-208)	EA	3,654.00						3,654.00
57	TYPE E INLET, >4' TO 6' DEPTH (D-208)	EA	4,572.00						4,572.00
58	TYPE J - I B MANHOLE / INLET, 0" TO 4' DEPTH (D-201)	EA	4,157.00						4,157.00

59	TYPE J-1 B MANHOLE / INLET, > 4' TO 6' DEPTH (D-201)		EA	5,155.00					5,155.00
60	TYPE J-2 MANHOLE 4XS, 0' TO 4' DEPTH (D-202)		EA	5,009.00					5,009.00
61	TYPE J-2 MANHOLE 4XS, > 4' TO 6' DEPTH (D-202)		EA	6,179.00					6,179.00
62	DOT P-5 STORM INLET		EA	6,865.00					6,865.00
63	PRECAST END WALL (15" / 12X18" PIPE) (D-408)		EA	2,250.00					2,250.00
64	PRECAST END WALL (18" / 14X23" PIPE) (D-408)		EA	2,320.00					2,320.00
65	PRECAST END WALL (24" / 19X30" PIPE) (D-408)		EA	2,425.00					2,425.00
66	PRECAST END WALL (30" / 24X38" PIPE) (D-408)		EA	2,530.00					2,530.00
67	PRECAST END WALL (36" / 29X145" PIPE) (D-408)		EA	2,615.00					2,615.00
68	48" HEADWALL		CY	970.00					970.00
69	54" TO 60" STRAIGHT END WALLS		CY	970.00					970.00
70	42" TO 48" STRAIGHT END WALLS		CY	970.00					970.00
71	MES FOR 15" OR CMPDW CULVERT (D-429)		EA	450.00					450.00
72	MES FOR 12X18 ERCP OR 13X17 CMPA (D-430)		EA	550.00					550.00
73	MES FOR 19X30 ERCPOR 20X28 CMPA (D-430)		EA	900.00					900.00
74	FDOT MES FOR 15/18" RCP/CMP (INDEX 272)		EA	450.00					450.00
75	FDOT MES FOR 24" RCP/CMP (INDEX 272)		EA	490.00					490.00
76	FDOT MES FOR 36" RCP/CMP (INDEX 272)		EA	560.00					560.00
77	12"X12" PRECAST TRENCH		LF	320.00					320.00
78	24"X24" PRECAST TRENCH		LF	410.00					410.00
79	10'X5' BOX CULVERT		CY	2,086.00					2,086.00
80	10'X5' BOX CULVERT 6' OR GREATER		CY	2,236.00					2,236.00
81	10'X3' BOX CULVERT		CY	1,963.00					1,963.00
82	10'X3' BOX CULVERT 6' OR GREATER		CY	2,136.00					2,136.00
83	3'X4' / 4' X 3' BOX CULVERT		CY	1,636.00					1,636.00
84	3' X4' / 4' X 3' BOX CULVERT 6' OR GREATER		CY	1,836.00					1,836.00
85	4'X5' BOX CULVERT		CY	1,686.00					1,686.00
86	4'X5' BOX CULVERT 6' OR GREATER		CY	1,886.00					1,886.00
87	TRENCH DRAIN (3' SW)		EA	3,000.00					3,000.00
88	6" UNDERDRAIN W/ 2'X2' ROCKBED		LF	27.00					27.00

148	INSTALLATION OF NEW 6' CHAIN LINK FENCE	LF	40.00								40.00						
149	SIGN RELOCATION	EA	225.00								225.00						
150	MAILBOX RELOCATION (USING EXISTING POST)	EA	225.00								225.00						
151	VALVE BOX ADJUSTMENT	EA	175.00								175.00						
152	HANDICAP RAMPS	EA	355.00								355.00						
153	GUARDRAIL	LF	90.00								90.00						
154	ADA TACTILE SURFACE MAT	EA	430.00								430.00						
155	PCMS (PORTABLE CHANGEABLE MESSAGE/SIGNS)	EA/DAY	35.00	15		525.00					525.00						
156	ARROW BOARDS 5' MINIMUM HORIZONTAL SIZE	EA/DAY	20.00								20.00						
157	TYPE I BARRICADE	EA/DAY	0.60								0.60						
158	TYPE II BARRICADE	EA/DAY	0.60	250		150.00					150.00						
159	TYPE III BARRICADE	EA/DAY	1.30								1.30						
160	PLASTIC DRUMS	EA/DAY	0.60								0.60						
161	WARNING AND REGULATORY SIGNS IN WORK ZONES (FDOT INDEX NO. 600 SHEETS)	EA/DAY	0.80	500		400.00					400.00						
162	TWO LANE, TWO WA, WORK ON SHOULDER (FDOT INDEX NO. 602)	EA/DAY	134.00								134.00						
163	TWO LANE, TWO WAY WORKS WITHIN THE TRAVEL WAY (FDOT INDEX NO. 603)	EA/DAY	166.00	10		166.00					166.00						
164	TWO LANE, TWO WAY, WORK IN INTERSECTION (FDOT INDEX NO. 604)	EA/DAY	240.00								240.00						
165	TWO LANE, TWO WAY, WORK NEAR INTERSECTION (FDOT INDEX NO. 605)	EA/DAY	191.00								191.00						
166	TWO LANE, TWO WAY, WORK WITHIN THE TRAVEL WAY SIGNAL CONTROL (FDOT INDEX NO. 606)	EA/DAY	515.00								515.00						
167	TWO LANE, TWO WAY, MOBILE OPERATION, WORK ON SHOULDER AND WORK WITHIN THE TRAVELWAY (FDOT INDEX NO. 607)	EA/DAY	1,300.00								1,300.00						
168	TWO LANE, TWO WAY TEMPORARY DIVERSION CONNECTION (FDOT INDEX NO. 608)	EA/DAY	245.00								245.00						
169	MULTILANE, WORK ON SHOULDER (FDOT INDEX NO. 612)	EA/DAY	215.00								215.00						
170	MULTILANE, WORK WITHIN TRAVEL LANE MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 613)	EA/DAY	245.00								245.00						
171	MULTILANE, WORK WITHIN TRAVEL WAY, CENTER LANE (FDOT INDEX NO. 614)	EA/DAY	240.00								240.00						
172	MULTILANE, WORK IN INTERSECTION (FDOT INDEX NO. 615)	EA/DAY	240.00								240.00						
173	MULTILANE, WORK NEAR INTERSECTION MEDIAN OR OUTSIDE LANE (FDOT INDEX NO. 616)	EA/DAY	275.00								275.00						
174	PEDESTRIAN CONTROL FOR CLOSURE OF SIDEWALKS (FDOT INDEX NO. 660)	EA/DAY	210.00								210.00						
175	EXCAVATOR	EA	500.00	1		500.00					500.00						
176	FRONT END LOADER	EA	500.00	1		500.00					500.00						

20	34"X53" ERCP		EA	5,080.00					5,080.00
21	38" X 60" ERCP		EA	5,490.00					5,490.00
22	43"X68" ERCP		EA	5,950.00					5,950.00
23	48"X76" ERCP		EA	7,240.00					7,240.00
24	53"X83" ERCP		EA	19,000.00					19,000.00
25	58"X91" ERCP		EA	13,848.00					13,848.00
	M.E.S. WITHOUT GRATES								
26	15" RCP / CMP		EA	1,850.00					1,850.00
27	18" RCP / CMP		EA	1,880.00					1,880.00
28	24" RCP / CMP		EA	2,220.00					2,220.00
29	30" RCP / CMP		EA	2,960.00					2,960.00
30	36" RCP / CMP		EA	3,240.00					3,240.00
31	42" RCP / CMP		EA	3,860.00					3,860.00
32	48" RCP / CMP		EA	4,660.00					4,660.00
33	54" RCP / CMP		EA	6,875.00					6,875.00
34	60" RCP / CMP		EA	7,220.00					7,220.00
	M.E.S. WITHOUT GRATES FDOT INDEX 272								
35	12" X 18" ERCP		EA	1,940.00					1,940.00
36	19" X 10" ERCP		EA	2,260.00					2,260.00
37	24" X 38" ERCP		EA	2,530.00					2,530.00
38	29"X45" ERCP		EA	3,425.00					3,425.00
39	34"X53" ERCP		EA	4,080.00					4,080.00
40	38" X 60" ERCP		EA	4,490.00					4,490.00
41	43"X68"		EA	4,950.00					4,950.00
42	48" X 76" ERCP		EA	6,240.00					6,240.00
43	53" X 83" ERCP		EA	18,000.00					18,000.00
44	58" X 91 ERCP		EA	12,848.00					12,848.00
45	GUARDRAIL REMOVAL (METAL GUARDRAIL ONLY)		LF	90.00					90.00
46	GUARDRAIL POST REMOVAL		EA	110.00					110.00
47	GUARDRAIL END ANCHOR ASSEMBLY INSTALLATION		EA	5,000.00					5,000.00

