

2024-319



December 5, 2024

Mr. Jon McCraw
City Manager
City of Diamondhead
5000 Diamondhead Circle
Diamondhead, MS 39525

**Re: Pay Application #15
Commercial District Transformation Project Phase I
Bottom 2 Top Construction, LLC**

Dear Mr. McCraw:

Enclosed, please find Pay Application #15 to be considered for approval by the City Council at the next meeting. The Application includes the period from 11/1/2024 to 11/30/2024. At the end of the application period, we are approximately 88% complete on contract value and 94% on contract time.

I have reviewed this pay application and find that it is an accurate request according to the amount of work that has been completed since the project began. With that said, I recommend that the Council approve payment to Bottom 2 Top Construction, LLC., in the amount of \$408,923.15. Please do not hesitate to contact me should you have any questions.

Sincerely,
COVINGTON CIVIL & ENVIRONMENTAL, LLC

Sarah McLellan, P.E.
Project Engineer

Enclosures: B2T Pay Application #15 Signed

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner:	City of Diamondhead	Owner's Project No.:	
Engineer:	Covington Civil & Environmental LLC	Engineer's Project No.:	16383
Contractor:	Bottom 2 Top Construction LLC	Contractor's Project No.:	
Project:	City of Diamondhead Commercial District Transformation Project Phase I		
Contract:			

Application No.: 15 Application Period: From 11/01/24 to 11/30/24 Application Date: 12/05/24

A Bid Item No.	B Description	C Item Quantity	D Units	E Unit Price (\$)	F Value of Bid Item (C X E) (\$)	G Work Completed - Current Pay App		H Work Completed to Date		K Materials Currently Stored (not in G) (\$)	L Work Completed and Materials Stored to Date (J + K) (\$)	M % of Value of Item (L / F) (%)	N Balance to Finish (F - L) (\$)
						Incorporated in the Work - Current Pay App	Current Pay App (E X G) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X I) (\$)				
Original Contract													
202-B009	REMOVAL OF ASPHALT PAVEMENT, ALL DEPTHS	2,083	SY	\$ 8.00	16,664.00	-	-	1,738.96	13,911.68		13,911.68	83%	2,752.32
202-B007	REMOVAL OF CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, ALL DEPTHS	235	SY	\$ 10.00	2,350.00	-	-	82.77	827.70		827.70	35%	1,522.30
202-B013	REMOVAL OF BASE (LIMESTONE / GRAVEL), ALL DEPTHS	3,191	SY	\$ 10.00	31,910.00	-	-	3,191.00	31,910.00		31,910.00	100%	-
503-C010	SAW CUT, FULL DEPTH (ASPHALT)	320	LF	\$ 8.00	2,560.00	-	-	215.00	1,720.00		1,720.00	67%	840.00
503-C010	SAW CUT, FULL DEPTH (CONCRETE)	55	LF	\$ 8.00	440.00	-	-	-	-		-	0%	440.00
202-B191	REMOVAL OF PIPE, 8" AND ABOVE	230	LF	\$ 5.00	1,150.00	-	-	138.00	690.00		690.00	60%	460.00
202-A001	CLEARING AND GRUBBING	1	LS	\$ 76,000.00	76,000.00	-	-	1.00	76,000.00		76,000.00	100%	-
100098	REMOVE AND RESET, MAILBOX	3	EA	\$ 300.00	900.00	-	-	1.00	300.00		300.00	33%	600.00
907-G30-0004	REMOVE AND RESET, SIGN	3	EA	\$ 300.00	900.00	1.00	300.00	1.00	300.00		300.00	33%	600.00
203-EX001	BORROW EXCAVATION, AH, FME, CLASS B1	4,400	CY	\$ 12.00	52,800.00	-	-	4,400.00	52,800.00		52,800.00	100%	-
203-G001	EXCESS EXCAVATION, FM, AH (TO BE USED AS DIRECTED)	800	CY	\$ 10.00	8,000.00	-	-	800.00	8,000.00		8,000.00	100%	-
206-A001	STRUCTURE EXCAVATION	2,200	CY	\$ 15.00	33,000.00	-	-	2,200.00	33,000.00		33,000.00	100%	-
216-A001	SOLID SODDING	8,500	SY	\$ 7.20	61,200.00	4,335.00	31,212.00	4,335.00	31,212.00		31,212.00	51%	29,988.00
234-A001	TEMPORARY SILT FENCE	5,200	LF	\$ 3.57	18,564.00	-	-	1,620.00	5,783.40		5,783.40	31%	12,780.60
237-A002	WATTLES, 20"	2,400	LF	\$ 5.43	13,032.00	-	-	60.00	325.80		325.80	3%	12,706.20
304-F002	SIZE 610 CRUSHED STONE BASE	4,840	TON	\$ 67.40	326,216.00	-	-	4,023.21	271,164.35		271,164.35	83%	55,051.65
403-A001	12.5-MM, HT, ASPHALT PAVEMENT	760	TON	\$ 191.19	145,304.40	-	-	454.79	86,951.30		86,951.30	60%	58,353.10
403-A013	9.5-MM, HT, ASPHALT PAVEMENT	760	TON	\$ 195.24	148,382.40	-	-	-	-		-	0%	148,382.40
501-B005	8" PLAIN CEMENT CONCRETE PAVEMENT, BROOM FINISH	92	SY	\$ 108.00	9,936.00	-	-	-	-		-	0%	9,936.00
406-A002	COLD MILLING OF BITUMINOUS PAVEMENTS, ALL DEPTH	300	SY	\$ 12.00	3,600.00	-	-	-	-		-	0%	3,600.00
603-CA004	15" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS	54	LF	\$ 41.74	2,253.96	24.00	1,001.76	78.00	3,255.72		3,255.72	144%	(1,001.76)
603-CA012	18" REINFORCED CONCRETE PIPE, CLASS III, RUBBER TYPE GASKETS	2,003	LF	\$ 49.38	98,908.14	-	-	1,974.00	97,476.12		97,476.12	99%	1,432.02
603-CE002	22"x13" REINFORCED CONCRETE ARCH PIPE, CLASS III, RUBBER TYPE GASKETS	1,297	LF	\$ 65.58	85,057.26	-	-	1,236.00	81,056.88		81,056.88	95%	4,000.38
603-CE008	29"x18" REINFORCED CONCRETE ARCH PIPE, CLASS III, RUBBER TYPE GASKETS	427	LF	\$ 86.30	36,850.10	-	-	438.00	37,799.40		37,799.40	103%	(949.30)
603-CB003	18" REINFORCED CONCRETE END SECTION	1	EA	\$ 870.00	870.00	-	-	2.00	1,740.00		1,740.00	200%	(870.00)
603-CF003	29"x18" REINFORCED CONCRETE ARCH END SECTION	2	EA	\$ 1,110.00	2,220.00	-	-	3.00	3,330.00		3,330.00	150%	(1,110.00)
603-PA010	6' x 4' PRECAST CONCRETE BOX CULVERT	162	LF	\$ 1,065.00	172,530.00	-	-	160.00	170,400.00		170,400.00	99%	2,130.00
603-PB008	6' x 4' PRECAST CONCRETE BOX CULVERT, END SECTION	4	EA	\$ 4,750.00	19,000.00	-	-	4.00	19,000.00		19,000.00	100%	-
815-A007	LOOSE RIPRAP, SIZE 300	600	TON	\$ 84.20	50,520.00	-	-	221.30	18,633.46		18,633.46	37%	31,886.54
815-E001	GEOTEXTILE UNDER RIPRAP	950	SY	\$ 4.82	4,579.00	-	-	950.00	4,579.00		4,579.00	100%	-
604-A001	CASTINGS	5,500	LBS	\$ 3.38	18,590.00	96.00	324.48	6,700.00	22,646.00		22,646.00	122%	(4,056.00)
604-B001	GRATINGS	4,000	LBS	\$ 4.02	16,080.00	176.00	707.52	7,370.00	29,627.40		29,627.40	184%	(13,547.40)
609-B002	CONCRETE CURB, HEADER (6"x18")	727	LF	\$ 20.40	14,830.80	177.00	3,610.80	232.00	4,732.80		4,732.80	32%	10,098.00
609-D002	COMBINATION CONCRETE CURB AND GUTTER, TYPE 1 MODIFIED	4,108	LF	\$ 20.40	83,803.20	14.00	285.60	4,095.00	83,538.00		83,538.00	100%	265.20
609-D004	COMBINATION CONCRETE CURB AND GUTTER, TYPE 2 MODIFIED	446	LF	\$ 20.40	9,098.40	-	-	68.00	1,387.20		1,387.20	15%	7,711.20
608-A001	CONCRETE SIDEWALK, 4" THICK	2,990	SY	\$ 78.00	233,220.00	245.00	19,110.00	2,918.43	227,637.54		227,637.54	98%	5,582.46
608-A001	CONCRETE SIDEWALK, 6" THICK	522	SY	\$ 90.00	46,980.00	182.00	16,380.00	222.00	19,980.00		19,980.00	43%	27,000.00
608-C001	DETECTABLE WARNINGS, PER PLANS	103	SF	\$ 44.00	4,532.00	54.00	2,376.00	54.00	2,376.00		2,376.00	52%	2,156.00
626-G001	THERMOPLASTIC DETAIL STRIPE, BLUE-ADA	111	LF	\$ 24.00	2,664.00	-	-	-	-		-	0%	2,664.00
626-G002	THERMOPLASTIC DETAIL STRIPE, WHITE	813	LF	\$ 6.00	4,878.00	-	-	-	-		-	0%	4,878.00
907-G26-H001	THERMOPLASTIC LEGEND, BLUE-ADA HANDICAP SYMBOL	2	EA	\$ 600.00	1,200.00	-	-	-	-		-	0%	1,200.00
626-H004	THERMOPLASTIC LEGEND, WHITE	696	SF	\$ 14.40	10,022.40	-	-	-	-		-	0%	10,022.40
630-A001	STANDARD ROADSIDE SIGNS, SHEET ALUMINUM, 0.080 THICKNESS	36	SF	\$ 19.24	692.64	-	-	-	-		-	0%	692.64
L00009	DECORATIVE SIGN POST, PER PLANS	60	LF	\$ 500.00	30,000.00	-	-	-	-		-	0%	30,000.00
620-A001	MOBILIZATION	1	LS	\$ 20,200.00	20,200.00	0.10	2,020.00	0.80	16,160.00		16,160.00	80%	4,040.00

Progress Estimate - Unit Price Work

Contractor's Application for Payment

Owner:	City of Diamondhead	Owner's Project No.:	
Engineer:	Covington Civil & Environmental LLC	Engineer's Project No.:	16383
Contractor:	Bottom 2 Top Construction LLC	Contractor's Project No.:	
Project:	City of Diamondhead Commercial District Transformation Project Phase I		
Contract:			

Application No.: 15 Application Period: From 11/01/24 to 11/30/24 Application Date: 12/05/24

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		D Item Quantity	E Units	F Unit Price (\$)	F Value of Bid Item (C X E) (\$)	H Estimated Quantity Incorporated in the Work - Current Pay App	H Value of Work Completed - Current Pay App (E X G) (\$)	I Estimated Quantity Incorporated in the Work	I Value of Work Completed to Date (E X I) (\$)				
1	REMOVE, RELOCATE, OR PROTECT ELECTRICAL/COMMUNICATION UTILITIES	1	LS	\$ 75,000.00	75,000.00	-	-	1.00	75,000.00		75,000.00	100%	-
2	MAINTENANCE OF TRAFFIC	1	LS	\$ 12,000.00	12,000.00	-	-	0.90	10,800.00		10,800.00	90%	1,200.00
3	8" PVC GRAVITY SEWER PIPE	1,450	LF	\$ 36.02	52,229.00	-	-	1,339.00	48,230.78		48,230.78	92%	3,998.22
4	PRECAST MANHOLE, 4' DIAMETER (ALL DEPTHS)	9	EA	\$ 3,867.20	34,804.80	-	-	9.00	34,804.80		34,804.80	100%	-
5	8" PVC WATER MAIN	1,060	LF	\$ 43.98	46,618.80	-	-	981.00	43,144.38		43,144.38	93%	3,474.42
6	12" PVC WATER MAIN	420	LF	\$ 75.29	31,831.80	-	-	319.00	24,177.01		24,177.01	76%	7,654.79
7	ADJUSTMENT OF EXISTING FORCE MAIN, STA 3+73	1	LS	\$ 5,584.00	5,584.00	-	-	1.00	5,584.00		5,584.00	100%	-
8	FIRE HYDRANT ASSEMBLY	4	EA	\$ 7,627.60	30,510.40	-	-	4.00	30,510.40		30,510.40	100%	-
9	RECONNECT AND RELOCATE EXISTING FIRE HYDRANT	2	EA	\$ 3,339.68	6,679.36	-	-	2.00	6,679.36		6,679.36	100%	-
10	SANITARY SEWER/WATER MAIN CROSSING	1	EA	\$ 3,384.00	3,384.00	-	-	1.00	3,384.00		3,384.00	100%	-
11	8" GATE VALVE	2	EA	\$ 2,858.96	5,717.92	-	-	2.00	5,717.92		5,717.92	100%	-
12	12" GATE VALVE	1	EA	\$ 4,992.56	4,992.56	-	-	1.00	4,992.56		4,992.56	100%	-
13	8" INSERTION VALVE	2	EA	\$ 12,000.00	24,000.00	-	-	-	-		-	0%	24,000.00
14	12" INSERTION VALVE	2	EA	\$ 24,200.00	48,400.00	-	-	-	-		-	0%	48,400.00
15	REMOVAL OF WATER MAIN (ALL SIZES)	340	LF	\$ 10.00	3,400.00	-	-	-	-		-	0%	3,400.00
16	SINGLE SEWER SERVICE	7	EA	\$ 1,254.06	8,778.42	-	-	9.00	11,286.54		11,286.54	129%	(2,508.12)
17	DOUBLE SEWER SERVICE	6	EA	\$ 1,624.74	9,748.44	-	-	6.00	9,748.44		9,748.44	100%	-
18	SINGLE WATER SERVICE	9	EA	\$ 1,161.73	10,455.57	5.00	5,808.65	8.00	9,293.84		9,293.84	89%	1,161.73
19	DOUBLE WATER SERVICE	6	EA	\$ 2,455.00	14,730.00	-	-	6.00	14,730.00		14,730.00	100%	-
20	12"x8" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	2	EA	\$ 6,821.28	13,642.56	2.00	13,642.56	2.00	13,642.56		13,642.56	100%	-
21	8"x8" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	1	EA	\$ 5,899.68	5,899.68	1.00	5,899.68	1.00	5,899.68		5,899.68	100%	-
22	12"x6" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	1	EA	\$ 16,635.78	16,635.78	1.00	16,635.78	1.00	16,635.78		16,635.78	100%	-
23	DUCTILE IRON FITTINGS	6	TON	\$ 43,399.60	260,397.60	-	-	3.82	165,786.47		165,786.47	64%	94,611.13
24	IRRIGATION	1	LS	\$ 132,000.00	132,000.00	0.04	5,280.00	0.90	118,800.00		118,800.00	90%	13,200.00
26 01 00-A	1-1/4" HDPE "ROLL PIPE" CONDUIT	1,800	LF	\$ 19.18	34,524.00	-	-	1,500.00	28,770.00		28,770.00	83%	5,754.00
26 01 00-B	2" PVC CONDUIT	5,400	LF	\$ 22.14	119,556.00	-	-	4,428.00	98,035.92		98,035.92	82%	21,520.08
ALTERNATE 2													
27	PRECAST CONCRETE DRAINAGE STRUCTURES	82	EA	\$ 2,368.00	194,176.00	2.00	4,736.00	88.00	208,384.00		208,384.00	107%	(14,208.00)
ALTERNATE 3													
L00091	STONE PAVERS, PER PLANS	14,869	SF	\$ 22.20	330,091.80	-	-	8,582.00	190,520.40		190,520.40	58%	139,571.40
ALTERNATE 4													
L00060	TREE GRATE (ARGO 3'x3' HEEL-PROOF)	30	EA	\$ 1,411.20	42,336.00	17.00	23,990.40	30.00	42,336.00		42,336.00	100%	-
25	CEDAR ELM TREE	77	EA	\$ 2,340.00	180,180.00	77.00	180,180.00	77.00	180,180.00		180,180.00	100%	-
ALTERNATE 5													
26 01 00-C	LIGHTING STANDARDS	42	EA	\$ 9,480.62	398,186.04	9.79	92,815.27	42.00	398,186.04		398,186.04	100%	-
26 01 00-D	ELECTRICAL DISTRIBUTION	9,200	LF	\$ 9.47	87,124.00	436.00	4,128.92	9,200.00	87,124.00		87,124.00	100%	-
26 01 00-E	ELECTRICAL SERVICE, PANEL, METER, RACK	1	LS	\$ 7,084.08	7,084.08	-	-	1.00	7,084.08		7,084.08	100%	-
Original Contract Totals					\$ 4,173,187.31		\$ 430,445.42		\$ 3,359,720.71	\$ -	\$ 3,359,720.71	74%	\$ 813,466.60

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Bid Item No.	Description	Contract Information				Work Completed - Current Pay App		Work Completed to Date		Materials Currently Stored (not in G) (\$)	Work Completed and Materials Stored to Date (J + K) (\$)	% of Value of Item (L / F) (%)	Balance to Finish (F - L) (\$)
		Item Quantity	Units	Unit Price (\$)	Value of Bid Item (C X E) (\$)	Estimated Quantity Incorporated in the Work - Current Pay App	Value of Work Completed - Current Pay App (E X G) (\$)	Estimated Quantity Incorporated in the Work	Value of Work Completed to Date (E X I) (\$)				
Change Orders													
203-EX001	BORROW EXCAVATION, AH, FME, CLASS B1	10,000	CY	\$ 12.00	120,000.00	-	-	6,315.00	75,780.00	-	75,780.00	63%	44,220.00
203-G001	EXCESS EXCAVATION, FM, AH (TO BE USED AS DIRECTED)	9,500	CY	\$ 10.00	95,000.00	-	-	8,898.00	88,980.00	-	88,980.00	94%	6,020.00
3	8" PVC GRAVITY SEWER PIPE	(111)	LF	\$ 36.02	(3,998.22)	-	-	-	-	-	-	0%	(3,998.22)
5	8" PVC WATER MAIN	(60)	LF	\$ 43.98	(2,638.80)	-	-	-	-	-	-	0%	(2,638.80)
6	12" PVC WATER MAIN	(100)	LF	\$ 75.79	(7,579.00)	-	-	-	-	-	-	0%	(7,579.00)
11	8" GATE VALVE	1	EA	\$ 2,858.96	2,858.96	-	-	1.00	2,858.96	-	2,858.96	100%	-
12	12" GATE VALVE	2	EA	\$ 4,992.56	9,985.12	-	-	2.00	9,985.12	-	9,985.12	100%	-
13	8" INSERTION VALVE	(2)	EA	\$ 12,000.00	(24,000.00)	-	-	-	-	-	-	0%	(24,000.00)
14	12" INSERTION VALVE	(2)	EA	\$ 24,200.00	(48,400.00)	-	-	-	-	-	-	0%	(48,400.00)
15	REMOVAL OF WATER MAIN (ALL SIZES)	(340)	LF	\$ 10.00	(3,400.00)	-	-	-	-	-	-	0%	(3,400.00)
18	SINGLE WATER SERVICE	(7)	EA	\$ 1,161.73	(8,132.11)	-	-	-	-	-	-	0%	(8,132.11)
19	DOUBLE WATER SERVICE	5	EA	\$ 2,455.00	12,275.00	-	-	5.00	12,275.00	-	12,275.00	100%	-
20	12"x8" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	(2)	EA	\$ 6,821.28	(13,642.56)	-	-	-	-	-	-	0%	(13,642.56)
21	8"x8" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	(1)	EA	\$ 5,899.68	(5,899.68)	-	-	-	-	-	-	0%	(5,899.68)
22	12"x6" TAPPING VALVE, CONNECT TO EXISTING WATER MAIN	(1)	EA	\$ 16,635.78	(16,635.78)	-	-	-	-	-	-	0%	(16,635.78)
23	DUCTILE IRON FITTINGS	(3.3)	TON	\$ 43,399.60	(143,218.68)	-	-	-	-	-	-	0%	(143,218.68)
L00091	STONE PAVERS, PER PLANS	(2,000)	SF	\$ 22.20	(44,400.00)	-	-	-	-	-	-	0%	(44,400.00)
CO2-1	16" SPLIT STEEL CASING	1	LS	\$ 4,777.10	4,777.10	-	-	-	-	-	-	0%	4,777.10
CO2-2	GEOTEXTILE FABRIC	950	SY	\$ 9.66	9,177.00	-	-	1,950.00	18,837.00	-	18,837.00	205%	(9,660.00)
CO2-3	GEOTEXTILE GRID	950	SY	\$ 10.06	9,559.38	-	-	950.00	9,559.38	-	9,559.38	100%	-
CO2-4	ELECTRICAL PULL BOX RELOCATION	1	LS	\$ 1,061.45	1,061.45	-	-	1.00	1,061.45	-	1,061.45	100%	-
CO2-5	6" PERFORATED PIPE WITH STONE AND FABRIC	550	LF	\$ 35.50	19,525.00	-	-	550.00	19,525.00	-	19,525.00	100%	-
Change Order Totals					\$ (37,725.83)			\$ -	\$ 238,861.91	\$ -	\$ 238,861.91	44%	\$ (276,587.73)
Original Contract and Change Orders													
Project Totals					\$ 4,135,461.48			\$ 430,445.42	\$ 3,598,582.62	\$ -	\$ 3,598,582.62	59%	\$ 536,878.87