

## MEMORANDUM

DATE: October 4, 2021

TO: \*\*\*\*ORIGINAL\*\*\*\*  
CITY CLERK

FROM: Michelle Fentress  
Procurement Management Department

SUBJECT: Record Retention

CONTRACT: #20210025 – Amendment #2  
CONTRACT TITLE: Sandia Drive Sidewalk Construction Project

VENDOR NAME: Heavy Civil Inc.  
VENDOR ADDRESS: 150 East Sample Road, Suite 310  
CITY & STATE: Pompano Beach, FL 33064

APPROVED BY COUNCIL: APRIL 12, 2021  
-7.g) AWARD CONTRACT #20210025 FOR THE SANDIA DRIVE  
SIDEWALK CONSTRUCTION PROJECT TO HEAVY CIVIL, INC.

CONTRACT TERM: 04/26/2021 THROUGH 12/21/2021, with no options for  
renewal.

**AMENDMENT #1** – This amendment provides for two (2) new items and  
increases to four (4) contract pay items to provide compensation to the Contractor  
in the amount of **\$47,163.15**. It also provides an additional 20 days to be added to  
the contract for the additional work. **The new end date is November 11, 2021.**

**AMENDMENT #2** – This amendment provides for twelve (12) new items;  
increases eight (8) contract pay items and decreases two (2) contract pay items to  
provide compensation to the Contractor in the amount of \$56,443.24. It also  
provides an additional 40 days to be added to the contract. **The new end date is  
December 21, 2021.**

Please see the attached for (1) original contract for your records

*pk-nr*



**CONTRACT AMENDMENT**

This amendment by and between the Contractor and the City as defined below shall be effective as of the date this Amendment is fully executed.

<b>Contractor's Full Legal Name:</b>	Heavy Civil, Inc.
<b>Solicitation No./Event ID:</b>	20210025
<b>Solicitation Title/Event Name:</b>	Sandia Drive Sidewalk Construction Project
<b>Contract Award Date:</b>	04/12/2021
<b>Initial Current Contract Term:</b>	04/26/2021 through 11/11/2021
<b>Current Contract Expiration Date:</b>	11/11/2021
<b>Requested Contract Expiration Date:</b>	12/21/2021
<b>Initial Contract Amount:</b>	\$415,000.00
<b>Current Contract Amended Amount:</b>	\$462,163.15
<b>Requested Financial Change Amount:</b>	\$56,443.24
<b>New Contract Amount:</b>	\$518,606.39
<b>Amendment No.:</b>	2
<b>Amendment Type:</b>	Increase of Commodities

WHEREAS, the Contract is in effect through the Current Contract Term as defined above; and

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties do hereby agree as follows:

- 1. ADDITIONAL SERVICES.** This Amendment provides for twelve (12) new items; increases to eight (8) contract pay items and decreases two (2) contract pay items. The cost associated with this Amendment results in a net increase of \$56,443.24.

The bulk of this amendment is for additional drainage work on the north end of the project, and widening of the pavement just north of Crosstown Parkway. At the north end of the Project around Station 58+00, the existing swale grade needs to remain at the current elevation as this swale drains a large basin to the north of Crosspoint Drive and west of Sandia Drive. The proposed sidewalk work in this area resulted in the proposed swale grade being raised by over one foot. Due to the location and grade of the proposed back of sidewalk grade, it is impossible to maintain the existing swale grade and provide acceptable, maintainable front and back slopes. The solution is to pipe the section and create a shallow swale over the pipe to catch drainage from the immediate roadway. The second item of additional work, is at the north end of the median on Sandia Drive at Faith Terrace. Northbound vehicles are making U-turns at this location and rutting the area just west of the edge of pavement. With the installation of the proposed sidewalk through this area, U-turn vehicles will continue to rut the area between the edge of pavement and the new walkway. CAPTEC proposed paving this 4' wide area and changing the sidewalk to 6" sidewalk in lieu of the proposed 4" sidewalk.

Other new items of work include the cost for removal of the existing CMP driveway culverts that was omitted from Amendment #1, added additional "Stop Ahead" Message striping for the new four-way stop at Thornhill Drive, additional striping of a couple side streets along the east side of Sandia Drive and additional swale liner.

The Amendment is summarized as follows:

1. **Contract Pay Item #CO2-001 – Bond** This item was created to cover increase bonding cost of 2% to the project for the additional work. Total amount of the additional work is \$55,336.51 resulting in an increase bond cost of \$1,106.73. **Increase Cost = \$1,106.73.**
2. **Contract Pay Item #CO2-002 – CMP Pipe Removal and Disposal**. This item was created to provide compensation to the contractor for removing the existing drainage culverts from the driveways added in Amendment No. 1. **Increase Cost = \$4,493.11.**
3. **Contract Pay Item #CO2-003 – Price Difference Between 15" Round and 15" Elliptical Pipe**. This item was created to provide compensation to the contractor for the price of 15" elliptical pipe that was requested and installed in lieu of the price for 15" Round that was not requested in Amendment No. 1. **Increase Cost = \$2,032.50.**
4. **Contract Pay Item #CO2-004 – Mobilization Cost for Striping at Thornhill and Thermo Messages**. This item was created to provide compensation to the contractor for mobilizing to only stripe Thornhill Drive intersection, and to install "Stop Ahead" Thermoplastic messages on Thornhill east and west of Sandia Drive. **Increase Cost = \$2,406.08**
5. **Contract Pay Item #CO2-005 – Furnish and Deliver CAP to PSL Public Works Yard (15" x 17" CAP and 20" x 28" CAP)**. This item was created to provide compensation to the contractor furnishing and delivering two runs of pipe that were changed in the field after delivery to the project. **Increase Cost = \$2,655.94.**
6. **Contract Pay Item #CO2-006 – Connect 13" x 17" CAP to Type E Inlet**. This item was created to provide compensation to the contractor for modifying a proposed drainage structure to receive new 13" x 17" CAP pipe. **Increase Cost = \$1,180.03.**
7. **Contract Pay Item #CO2-007 – Additional Survey Work for Drainage at North End**. This item was created to provide compensation to the contractor for layout and asbuilts for the additional drainage work at the north end of the project. **Increase Cost = \$1,347.50**

8. Contract Pay Item #120-1 – Excavation was increased by 15 CY for work preparing U-Turn area for base and asphalt at SE Faith Terrace. **Increase Cost = \$278.70**
9. Contract Pay Item #285-709 – Optional Base Group 9. This item was created to provide compensation to the contractor for furnishing, installing, compacting and finishing 10" of Optional Base for the U-Turn area at SE Faith Terrace. **Increase Cost = \$3,088.80.**
10. Contract Pay Item #334-1-13 – Superpave Asphaltic Conc. Traffic C. This item was created to provide compensation to the contractor for furnishing, installing, compacting 5 Tons of Type SP-9.5 Asphalt for the U-Turn area at SE Faith Terrace. **Increase Cost = \$1,435.05.**
11. Contract Pay Item #425-1521 – Inlet Type C<10' was increased by one inlet to complete added drainage work at the north end of project. **Increase Cost = \$3,200.00**
12. Contract Pay Item #430-174-215 – Pipe Culvert Optional Mat Ellip 15" SD was increased a total of 231 LF at the Contract unit price of \$65.50 / LF for the added pipe at the north end of the project and two other driveway culverts that were changed to 13" x 17" pipe. **Increase Cost = \$15,130.50.**
13. Contract Pay Item #430-984-623 – Pipe Culvert Elliptical 18" SD was reduced by 25 LF as this pipe run was changed to 13"x17" CAP. The Contract unit price is \$66.25 / LF. **Decrease Cost = (\$1,656.25).**
14. Contract Pay Item #430-984-623 – Mitered End Section 13" x 17" Elliptical. This item was created to provide compensation to the contractor for the construction of a 13" x 17" Elliptical Mitered End Section for the added drainage work at the north end of the project. **Increase Cost = \$1,200.00.**
15. Contract Pay Item #514-72 Impermeable Polyethelene Liner (Swale Installed) was increased a total of 1,282.00 LF at the Contract unit price of \$10.00 / LF to provide new swale liner for the length of the project. **Increase Cost = \$12,820.00.**
16. Contract Pay Item #522-1 Concrete Sidewalk 4" was reduced by 67 SY as the proposed 4" sidewalk in the area of the U-Turn work was change to 6" Concrete sidewalk. 67 SY at the Contract unit price of \$37.25 / SY. **Decrease Cost = (\$2,495.75).**
17. Contract Pay Item #522-2 Concrete Sidewalk 6" was increased by 67 SY as the proposed 4" sidewalk in the area of the U-Turn work was change to 6" Concrete sidewalk. 67 SY at the Contract unit price of \$51.50 / SY. **Increase Cost = \$3,450.50.**
18. Contract Pay Item #700-1-11 Single Post Sign Ground Mount up to 12 SF was increased by 2 signs for Stop Ahead signs added to New 4-Way Stop at Thornhill Drive and Sandia Drive. 2 EA at the Contract unit price of \$545.00 / EA. **Increase Cost = \$1,090.00.**
19. Contract Pay Item #706-1-3 Reflective Pavement Markers. This items was added to the contract to provide compensation to the contractor. The striping plans stipulated RMPs to be installed at each intersection, however pay item was not included. **Increase Cost = \$541.20.**
20. Contract Pay Item #711-11-125 Thermoplastic Standard White 24" Stop Bar was increased for additional striping added to stripe side streets along the east side of Sandia Drive. 26 LF at the Contract unit price of \$4.50 / LF. **Increase Cost = \$117.00.**

- 21. Contract Pay Item #711-16-201 Thermoplastic Standard Yellow Solid 6" was increased for additional striping added to stripe side streets along the east side of Sandia Drive. 0.038 GM at the Contract unit price of \$5,700.00 / GM. Increase Cost = \$216.60.
- 22. Contract Pay Item #711-11-124 Thermoplastic Striping White Solid 18" This items was added to the contract to provide compensation to the contractor for placing 18" Chevrons on the new widened pavement U-Turn area at SE Faith Terrace. Increase Cost = \$165.00.
- 23. Contract Pay Item #711-17 Removal (Hydroblasting) existing markings. This items was added to the contract to provide compensation to the contractor for required work. The striping plans stipulated new striping at different locations, requiring old stripe to be removed. Pay item was not included. Increase Cost = \$2,640.00.

**Total Contract Increase cost for this Change Order = \$56,443.24**

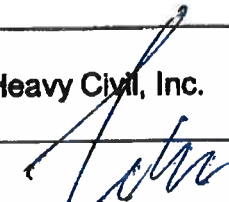
- 2. **CONTRACT EXTENTION.** The Contractor has requested the addition of twenty-nine (29) calendar days be added for the additional work and eleven (11) calendar days due to inclement weather/recovery days for a total of forty (40) calendar days. The parties hereby agree that the contract will be extended for an additional forty (40) calendar days as follows:

Beginning Date of Amendment #2: November 11, 2021.  
End Date of Amendment #2: December 21, 2021.

- 3. **SUCCESSORS AND ASSIGNS.** This Amendment shall be binding upon and inure to the benefit of the successors and permitted assigns of the parties hereto.
- 4. **ENTIRE AGREEMENT.** Except as expressly modified by this Amendment, the contract shall be and remain in full force and effect in accordance with its terms and shall constitute the legal, valid, binding and enforceable obligations to the parties. This Amendment and the contract (including any written amendments thereto), collectively, are the complete agreement of the parties and supersede any prior agreements or representations, whether oral or written, with respect thereto.

IN WITNESS WHEREOF, the parties have caused this Amendment to be duly executed by their authorized representatives.

**CONTRACTOR**

<b>Contractor's Full Legal Name: (PLEASE TYPE OR PRINT)</b>	Heavy Civil, Inc.
<b>Authorized Signature:</b>	
<b>Printed Name and Title of Person Signing:</b>	Todd Knusel President
<b>Date:</b>	10/04/2021
<b>Company Address:</b>	150 East Sample Road, Pompano Beach, FL 33064

**THE CITY OF PORT ST. LUCIE**

<b>Authorized Signature:</b>	<i>Caroline Sturgis</i>
<b>Printed Name and Title of Person Signing:</b>	Caroline Sturgis, Director, Office of Management & Budget, and Procurement
<b>Date:</b>	10/5/2021
<b>City Address:</b>	121 S.W. Port St. Lucie Blvd., Port St. Lucie, FL 34984



September 28, 2021  
1812.3

Mr. Daniel Frederick  
Project Manager  
City of Port St. Lucie  
121 SW Port St. Lucie Blvd.  
Port St. Lucie, FL 34984  
(772) 418-6886

**RE: CONTRACT NO.: 20210025 – SANDIA DRIVE SIDEWALK IMPROVEMENT PROJECT  
AMENDMENT NO. 2 – ADDITIONAL WORK ITEMS. - REVISED**

Dear Mr. Frederick:

Attached please find Amendment No. 2 for the above referenced project. The Contract price and duration for this project is \$415,000.00 and 180 calendar days respectively. Amendment No. 1 adjusted the Contract amount to \$462,163.15 and and 200 Calendar days. The attached Amendment No. 2 creates twelve (12) new pay items; increases eight (8) contract pay items and decreases two (2) contract pay items. The cost associated with this Amendment results in an increase to the existing contract of \$56,443.24. The contractor has requested the addition of twenty-nine (29) contract days for the additional work and eleven (11) days due to inclement weather / recovery days. Therefore, the new Contract Time is extended to 240 Days, or December 21, 2021.

The bulk of this amendment is for additional drainage work on the north end of the project, and widening of the pavement just north of Crosstown Parkway. At the north end of the Project around Station 58+00, the existing swale grade needs to remain at the current elevation as this swale drains a large basin to the north of Crosspoint Drive and west of Sandia Drive. The proposed sidewalk work in this area resulted in the proposed swale grade being raised by over one foot. Due to the location and grade of the proposed back of sidewalk grade, it is impossible to maintain the existing swale grade and provide acceptable, maintainable front and back slopes. The solution is to pipe the section and create a shallow swale over the pipe to catch drainage from the immediate roadway. The second item of additional work, is at the north end of the median on Sandia Drive at Faith Terrace. Northbound vehicles are making U-turns at this location and rutting the area just west of the edge of pavement. With the installation of the proposed sidewalk through this area, U-turn vehicles will continue to rut the area between the edge of pavement and the new walkway. CAPTEC proposed paving this 4' wide area and changing the sidewalk to 6" sidewalk in lieu of the proposed 4" sidewalk.

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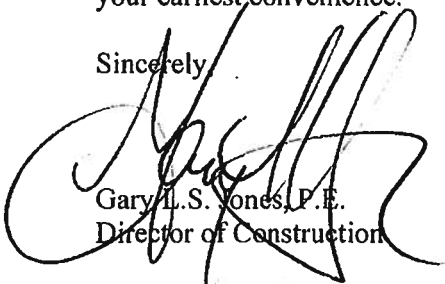
**Total Contract increase cost for this Change Order = \$56,443.24**

The contractor has requested the addition of twenty-nine (29) contract days for this additional work, and there have been (eleven) 11 weather days / recovery days to date. Therefore, the Contract completion date will be extended by 40 days to December 21, 2021, a total of 240 Contract days. All other provisions of the Original Contract remain in full effect.

CAPTEC recommends approval of this Amendment and request the City's review and approval to proceed with processing. Please review the attached documentation and advise if acceptable.

Should you have any questions or require any additional information, please feel free to contact me at your earliest convenience.

Sincerely,



Gary L.S. Jones, P.E.  
Director of Construction

**"EXHIBIT B"**

**Amendment / Change Order No. 2 - Breakdown**

9/30/2021

Item No.		Unit	Original Quantity	Unit Price	New Quantity	Adjustment This CO	Amount
	<b>CONTRACT No.: 20210025</b>						
CO2-001	Bond	LS	0.000	\$1,106.73	1	1.00	\$1,106.73
CO2-002	CMP pipe removal and disposal	LF	0.000	\$4,493.11	1	1.00	\$4,493.11
CO2-003	Price difference between 15" Round and 15" elliptical	LF	0.000	\$7.50	271	271.00	\$2,032.50
CO2-004	Mobilization Cost for Striping Thornhill Drive & 2 Messages	LS	0.000	\$2,406.08	1	1.00	\$2,406.08
CO2-005	Furnish and deliver CAP to PSL Public Works Yard 15" x 17" and 20" x 28"	LS	0.000	\$2,655.94	1	1.00	\$2,655.94
CO2-006	Connect 13" x 17" CAP to Inlet	LS	0.000	\$1,180.03	1	1.00	\$1,180.03
CO2-007	Additional Survey work for Drainage at north end	LS	0.000	\$1,347.50	1	1.00	\$1,347.50
120-1	Excavation	CY	308.000	\$18.58	323	15.00	\$278.70
285-709	Optional Base Group 9	LS	0.000	\$68.64	45	45.00	\$3,088.80
334-1-13	Superpave Asphaltic Conc, Traffic C	TN	0.000	\$287.01	5	5.00	\$1,435.05
425-1521	Inlet Type C<10	EA	1.000	\$3,200.00	2	1.00	\$3,200.00
430-174-215	Pipe Culvert Optional Mat Ellip 15" SD	LF	399.000	\$65.50	630	231.00	\$15,130.50
430-174-218	Pipe Culvert Optional Mat Ellip 18" SD	LF	95.000	\$66.25	70	-25.00	(\$1,656.25)
430-984-623	Mitered End Section 13" x 17" Ellip	EA	0.000	\$1,200.00	1	1.00	\$1,200.00
514-72	Impermeable Polyethelene Liner (Swale Installed)	LF	2718.000	\$10.00	4000	1282.00	\$12,820.00
522-1	Concrete Sidewalk 4" Thick	SY	2872.000	\$37.25	2805	-67.00	(\$2,495.75)
522-2	Concrete Sidewalk 6" Thick	SY	832.000	\$51.50	899	67.00	\$3,450.50
700-1-11	Single Post Sign Gournd Mount up to 12 SF	AS	5.000	\$545.00	7	2.00	\$1,090.00
706-1-3	Reflective Pavement Markings	EA	0.000	\$6.60	82	82.00	\$541.20
711-11-125	Thermoplastic Standard White 24" Stop Line	LF	214.000	\$4.50	240	26.00	\$117.00
711-16-201	Thermoplastic Standard Yellow Solid 6"	GM	0.285	\$5,700.00	0.323	0.038	\$216.60
711-11-124	Thermoplastic Standard White 18" Solid	LF	0.000	\$3.30	50	50.00	\$165.00
711-17	Removal (Hydroblasting) existing markings	LS	0.000	\$2,640.00	1	1.00	\$2,640.00

**TOTAL CHANGE ORDER NO. 1     \$56,443.24**