

# WIEDEMAN AND SINGLETON, INC.

CIVIL AND ENVIRONMENTAL ENGINEERS

TROY BEGAN  
PETER JOHNS

2566 SHALLOWFORD ROAD  
SUITE 104-372  
ATLANTA, GEORGIA 30345

PETER SNYDER  
HAROLD WIEDEMAN

131 EAST MAIN STREET  
SUITE 300  
ROCK HILL, SOUTH CAROLINA 29730

WWW.WIEDEMAN.COM

October 9, 2024

Mr. J. Sidney Forsyth  
City of Cartersville  
P.O. Box 1390  
148 Walnut Grove Road  
Cartersville, Georgia 30120

Re: Main Street Pump Station Rehab  
Pay Estimate No.12-Final  
City of Cartersville, GA  
W&S Project #027-21-140

Dear Mr. J. Sidney Forsyth:

Enclosed is an electronic copy of the Contractor's Application for Payment No.12-Final for the referenced project. The pay request has been reviewed by Wiedeman and Singleton, Inc., and payment is recommended to the Contractor in the amount of \$145,960.99. The payment covers work performed during the period from June 27, 2024, through September 6, 2024. For your convenience, a copy of the approved request has been sent to the Contractor.

No retainage deposit is required for this pay request. All previously held retainage and any interest earned on that retainage should be paid to the Contractor.

If this pay request meets your approval, please process it for payment. If you have any questions, please do not hesitate to call.

Sincerely,

WIEDEMAN AND SINGLETON, INC.



Ahmed Annaim, P. E.  
Project Engineer

Enclosures

**CONTRACTOR'S APPLICATION & CERTIFICATION FOR PAYMENT**



PROJECT NAME: **Cartersville Main Street Pump Station Rehab**  
 PAYMENT APPLICATION: **12**  
 PERIOD: **6/27/2024 to 9/6/2024**  
 CONTRACT DATE: **8/17/2022**  
 Application is made for payment as shown below in connection with the contract.  
 See continuation sheets attached for additional breakdowns


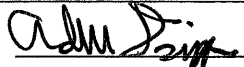
Invoice No.	12
Invoice Date:	9/30/2024
Council Approval Date	6/16/2022
NTP Date	8/17/2022

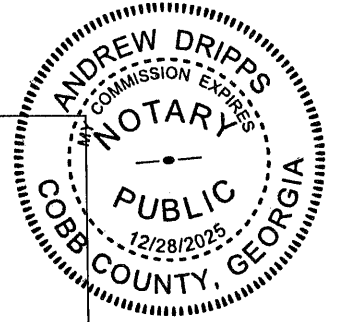
OWNER: **City of Cartersville** Project No. **505.3320.54.3408**  
 ENGINEER: **Wiedeman & Singleton, Inc.**  
 CONTRACTOR: **Heavy Constructors, Inc.**  
**1596 Lower Roswell Road**  
**Marietta, GA 30068**

1. ORIGINAL CONTRACT SUM	\$2,772,129.00
2. NET CHANGE BY CHANGE ORDERS	\$ -
3. CONTRACT SUM TO DATE	\$2,772,129.00
4. TOTAL OF COMPLETED WORK AND MATERIALS STORED TO DATE	\$2,818,071.32
5. LESS RETAINAGE	
6. TOTAL EARNED LESS RETAINAGE	\$2,818,071.32
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$ 2,672,110.33
8. BALANCE DUE THIS PAYMENT	\$145,960.99
9. BALANCE TO FINISH PLUS RETAINAGE	-\$45,942.32

**CONTRACTOR'S CERTIFICATE FOR PAYMENT**

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for the work which previous Certificates for Payment were issued and payments received from the Owner, and that current Payment herein herein is now due.


CONTRACTOR:   
 By: \_\_\_\_\_ Date: 9/30/2024  
 Notary Public 



**CONSTRUCTION ADMINISTRATOR'S CERTIFICATE FOR PAYMENT**

In accordance with the Contract Documents, based on on-site observations and the date comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the Amount Certified.

This Certificate is not negotiable. The Amount Certified is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner under this Contract.

AMOUNT CERTIFIED \$145,960.99  
 PROJECT MANAGER  **Ahmed A. Annaim** 10/9/2024  
 By: \_\_\_\_\_ Date: \_\_\_\_\_  
 CONSTRUCTION SERVICES REPRESENTATIVE  
 By: \_\_\_\_\_ Date: \_\_\_\_\_

**OWNER'S APPROVAL FOR PAYMENT**


By: \_\_\_\_\_ Date: \_\_\_\_\_

**OWNER'S APPROVAL FOR PAYMENT**

By: \_\_\_\_\_ Date: \_\_\_\_\_


**Progress Estimate - Lump Sum Work**

**Contractor's Application**

For (Contract):		Cartersville Main Street Pump Station Rehab			Application Number:		12		
Application Period:		6/27/2024 to 9/6/2024			Application Date:		9/30/2024		
									
A		B	Work Completed		E	F	G		H
Item No.	Description	Scheduled Value (\$)	Previous Quantity	Current Quantity	Total Quantity	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date (F + G)	% (G / B)	Balance to Finish (G - B)
<b>Section 1 - Construction of the Cartersville Main Street</b>									
<b>Division 1</b>									
1.01	Mobilization	\$ 58,500.00	\$ 58,500.00	\$ -	\$ 58,500.00	\$ -	\$ 58,500.00	100.0%	\$ -
1.02	Bonds and Insurance	\$ 83,163.00	\$ 83,163.00		\$ 83,163.00		\$ 83,163.00	100.0%	\$ -
1.03	Submittals/Shop Drawings	\$ 30,000.00	\$ 30,000.00		\$ 30,000.00		\$ 30,000.00	100.0%	\$ -
<b>Division 2</b>									
2.01	Demo Building	\$ 98,400.00	\$ 98,400.00		\$ 98,400.00		\$ 98,400.00	100.0%	\$ -
2.02	Ductile Iron Pipe Demo	\$ 72,000.00	\$ 72,000.00	\$ -	\$ 72,000.00		\$ 72,000.00	100.0%	\$ -
<b>Division 3</b>									
3.01	Gravel Prep	\$ 7,800.00	\$ 7,800.00	\$ -	\$ 7,800.00		\$ 7,800.00	100.0%	\$ -
3.02	Reinforcing Steel	\$ 16,800.00	\$ 16,800.00		\$ 16,800.00		\$ 16,800.00	100.0%	\$ -
3.03	Concrete Formwork/Placement	\$ 72,500.00	\$ 72,500.00		\$ 72,500.00		\$ 72,500.00	100.0%	\$ -
<b>Division 4</b>									
4.01	Masonry	\$ 98,753.00	\$ 98,753.00		\$ 98,753.00		\$ 98,753.00	100.0%	\$ -
<b>Division 5</b>									
5.01	Misc Metals	\$ 49,500.00	\$ 49,500.00		\$ 49,500.00		\$ 49,500.00	100.0%	\$ -
<b>Division 7</b>									
7.01	Roofing	\$ 150,000.00	\$ 150,000.00		\$ 150,000.00		\$ 150,000.00	100.0%	\$ -
<b>Division 8</b>									
8.01	Doors & Windows	\$ 19,750.00	\$ 19,750.00		\$ 19,750.00		\$ 19,750.00	100.0%	\$ -
8.02	Overhead Doors	\$ 32,600.00	\$ 32,600.00		\$ 32,600.00		\$ 32,600.00	100.0%	\$ -
<b>Division 9</b>									
9.01	Painting	\$ 62,500.00	\$ 62,500.00	\$ -	\$ 62,500.00		\$ 62,500.00	100.0%	\$ -
<b>Division 11</b>									
11.01	Split Case Pump Installation	\$ 18,000.00	\$ 18,000.00	\$ -	\$ 18,000.00		\$ 18,000.00	100.0%	\$ -
<b>Division 15</b>									
15.01	Stainless Steel Pipe	\$ 3,000.00	\$ 3,000.00		\$ 3,000.00		\$ 3,000.00	100.0%	\$ -
15.02	16" Pipeline/Tie-in	\$ 286,154.00	\$ 286,154.00		\$ 286,154.00		\$ 286,154.00	100.0%	\$ -
15.03	16" Pipe Underground/Encased	\$ 186,480.00	\$ 186,480.00		\$ 186,480.00		\$ 186,480.00	100.0%	\$ -
15.04	PVC Pipe	\$ 10,000.00	\$ 10,000.00		\$ 10,000.00		\$ 10,000.00	100.0%	\$ -
15.05	Copper Pipe	\$ 15,600.00	\$ 15,600.00		\$ 15,600.00		\$ 15,600.00	100.0%	\$ -
15.06	Precast Concrete Vaults	\$ 32,500.00	\$ 32,500.00		\$ 32,500.00		\$ 32,500.00	100.0%	\$ -
15.07	Ball Valves/Accumulator Tank Installation	\$ 8,500.00	\$ 8,500.00		\$ 8,500.00		\$ 8,500.00	100.0%	\$ -
15.08	Install Gate Valves	\$ 4,000.00	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	100.0%	\$ -
15.09	Install Butterfly Valves	\$ 4,000.00	\$ 4,000.00		\$ 4,000.00		\$ 4,000.00	100.0%	\$ -
15.10	Install Check Valves	\$ 5,500.00	\$ 5,500.00		\$ 5,500.00		\$ 5,500.00	100.0%	\$ -
15.11	Install Air Release Valves	\$ 7,000.00	\$ 7,000.00		\$ 7,000.00		\$ 7,000.00	100.0%	\$ -
15.12	Tapping Sleeve	\$ 25,000.00	\$ 25,000.00		\$ 25,000.00		\$ 25,000.00	100.0%	\$ -
15.13	HVAC	\$ 125,000.00	\$ 125,000.00		\$ 125,000.00		\$ 125,000.00	100.0%	\$ -
<b>Division 16</b>									
16.01	Electrical	\$ 605,813.00	\$ 599,570.13	\$ 6,242.87	\$ 605,813.00		\$ 605,813.00	100.0%	\$ -
16.02	Generator Installation	\$ 12,500.00	\$ 12,500.00		\$ 12,500.00		\$ 12,500.00	100.0%	\$ -

**Progress Estimate - Lump Sum Work**

**Contractor's Application**

For (Contract):		Cartersville Main Street Pump Station Rehab			Application Number:		12					
Application Period:		6/27/2024 to 9/6/2024			Application Date:		9/30/2024					
												
		Work Completed					F		G		H	
Item No.	Description	B Scheduled Value (\$)	C Previous Quantity	D Current Quantity	E Total Quantity	F Materials Presently Stored (not in C or D)		G Total Completed and Stored to Date (F + G)		H Balance to Finish (G - B)		
<b>Section II - Major Equipment</b>												
17.01	Horizontal Split Case Pumps	\$ 158,000.00	\$ 158,000.00		\$ 158,000.00		\$ 158,000.00	100.0%	\$ -			
17.02	Gate Valves	\$ 15,000.00	\$ 15,000.00		\$ 15,000.00		\$ 15,000.00	100.0%	\$ -			
17.03	Ball Check Valves	\$ 100,000.00	\$ 100,000.00		\$ 100,000.00		\$ 100,000.00	100.0%	\$ -			
17.04	Butterfly Valves	\$ 12,000.00	\$ 12,000.00		\$ 12,000.00		\$ 12,000.00	100.0%	\$ -			
17.05	Generator & ATS	\$ 125,000.00	\$ 125,000.00		\$ 125,000.00		\$ 125,000.00	100.0%	\$ -			
<b>Section III - Erosion Control</b>												
18.01	Silt Fence - Sd1	\$ 4,000.00	\$ 3,650.00	\$ 350.00	\$ 4,000.00		\$ 4,000.00	100.0%	\$ -			
18.02	Mulching - Ds1	\$ 336.00	\$ 336.00	\$ -	\$ 336.00		\$ 336.00	100.0%	\$ -			
18.03	Temporary Seeding - Ds2	\$ 420.00	\$ 420.00	\$ -	\$ 420.00		\$ 420.00	100.0%	\$ -			
18.04	Permanent Vegetation - Ds3	\$ 560.00	\$ 560.00	\$ -	\$ 560.00		\$ 560.00	100.0%	\$ -			
18.05	Concrete Washdown	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	100.0%	\$ -			
18.06	Construction Exit	\$ 1,500.00	\$ 1,500.00		\$ 1,500.00		\$ 1,500.00	100.0%	\$ -			
<b>Section IV - Extra Work, if Ordered by Engineer</b>												
19.01	Class A Concrete	\$ 2,000.00	\$ 753.46	\$ 1,246.54	\$ 2,000.00		\$ 2,000.00	100.0%	\$ -			
19.02	Reinforcing Steel	\$ 2,000.00	\$ -	\$ 2,000.00	\$ 2,000.00		\$ 2,000.00	100.0%	\$ -			
19.03	Contact Forms	\$ 500.00	\$ -	\$ 500.00	\$ 500.00		\$ 500.00	100.0%	\$ -			
19.04	General Excavation	\$ 500.00	\$ -	\$ 500.00	\$ 500.00		\$ 500.00	100.0%	\$ -			
19.05	Ductile Iron Pipe and Fittings	\$ 2,000.00	\$ -	\$ 2,000.00	\$ 2,000.00		\$ 2,000.00	100.0%	\$ -			
19.06	Crushed Stone Stabilization	\$ 1,000.00	\$ -	\$ 1,000.00	\$ 1,000.00		\$ 1,000.00	100.0%	\$ -			
<b>Section V - Cash Allowances</b>												
20.01	Contingency	\$ 50,000.00	\$ 50,000.00	\$ 45,942.32	\$ 95,942.32		\$ 95,942.32	191.9%	\$ (45,942.32)			
20.02	SCADA System Controls and Programming	\$ 95,000.00	\$ 92,463.33	\$ 2,536.67	\$ 95,000.00		\$ 95,000.00	100.0%	\$ -			
<b>Subtotals Page 1</b>		<b>\$ 2,772,129.00</b>	<b>\$ 2,754,752.92</b>	<b>\$ 63,318.40</b>			<b>\$ 2,818,071.32</b>				<b>(\$ 45,942.32)</b>	

HCI #	Description	Credit/Deduct	Cost/Add	Status	Comments	Pay Est. #
PCO #001	Yard Piping Manufacturer Change	\$ 4,329.86		Approved	Contractor changed the piping manufacturer to speed up material delivery	7
PCO #002	Thrust Blocking		\$ 12,853.78	Approved \$11,030.51 Pending \$1,823.27 to be processed at end of project.	Additional concrete thrust blocking restrained is required for the existing 16" suction and discharge piping. The existing pipe thrust blocking was not installed properly and cannot be used to restrain the pipe. It was \$11,030.51, but price changed (+\$1,823.27) because Contractor had to do additional excavation and add a straddle blocking. \$11,030.51 was paid under pay request No.2	2
PCO #003	36" Additional Depth Precast and 36"x16" TS&V		\$ 27,117.25	Approved	The top of the existing 36" water line is 8 ft below ground. The precast MH needs to change to accommodate additional depth, the orientation of the TS&V valve will change, and a fitting will be added to reduce extra deep piping.	7
PCO #004	Replacing unsuitable materials under PS		\$ 9,355.15	To be processed at the end of the project.	The contractor replaced ~87 CY of unsuitable material with 165 tons of GAB. The additional cost requested by the contractor is less than unit price for extra work in the bid form to replace unsuitable material.	12
PCO #005	Air Release Valve		\$ 4,061.48	Approved	Changing the size of ARV 3 from 4" to 6". In Drawing G.03 the valve sizes shown are all 4" valves, but one of the valves is actually 6".	7
PCO #006	Fire Hydrant Elevation		\$ 5,988.57	Approved	The discharge pipe is too shallow at the location of the Fire Hydrant. Two fittings (22½° Bends) are required to lower the pipe elevation & provide minimum cover over the pipe and keep the FH at standard depth.	7
PCO #007	Additional 2 - 4" Air Release Valves		\$ 6,885.51	Approved	There are two (2) existing 4" air release valves that were not shown on the bid documents.	8
PCO #008	Electric Bills		\$ 44,547.11	Approved	Totals for electrical bills that contractor paid to the City Electric Department while the service was under the contractor's name	12
					*\$32,837.44 was paid in pay request No.07 for PCOs #001, 003, 005, & 006	
					**\$6,885.51 was paid in pay request No.08 for PCO#007. Paid under Items 19.01 & 20.01.	
					***Balance of PCO#002 [\$1,823.27], PCO#004 [\$9,355.15], & PCO#008 [\$44,547.11] paid in Pay Request No.12 under items 19.01 to 19.06, 20.01, & 20.02	
	<b>Change Orders Total:</b>	\$ 4,329.86	\$ 110,808.85			
<b>A</b>	<b>Net Total of CORs</b>	\$	\$ 106,478.99			

<b>Original Contract Amount</b>	\$ 2,772,129.00		

**B Contract Total to Date \$ 2,772,129.00**

Original Money Left in Contract	Extra Work	\$ 8,000.00		
	Owner Contingency	\$ 50,000.00		Cash Allowance for Owner approved changes
	SCADA Cash Allowance	\$ 2,536.67		Cash Allowance for MR System to connect PS to WTP, was for \$95,000.00. The total cost to date is \$92,463.33

**C Base Amount Left in Contract \$ 60,536.67**

**Total Above or Over Original Contract if all CORs Approved (C - A) \$ (45,942.32)**