



**BOLTON  
& MENK**

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## MEMORANDUM

**Date:** May 28, 2021  
**To:** Bob Van Moer, Wastewater Treatment Superintendent  
**From:** Jon D. Peterson, P.E., Project Engineer  
**Subject:** Wastewater Treatment Facility Improvements – Magney Construction Inc.  
Pay Request No. 23  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 23 for the above-referenced project in the amount of \$565,690.21 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through May 27, 2021. The Contractor has completed work on replacing the final clarifier pumps. Work on replacement of aeration basin equipment in the first aeration basin is complete, and equipment replacement in the second basin has begun. Work on trickling filter pump station renovation has begun. In addition, contractor has been working on project completion list items throughout the facility and has completed sidewalk construction and restoration work. Seeding of disturbed areas has been undertaken on the site as weather permits. We recommend approval of the attached Application for Payment No. 23.

### BUDGET IMPACT

This expenditure is part of the overall wastewater treatment facility improvements project and will be covered by the PFA loan proceeds.

### ACTION REQUESTED

Approve the attached pay request from Magney Construction Inc. in the total amount of \$565,690.21.

**Application for Payment No. 23**

To: The City of Marshall, MN

From: Magney Construction, Inc., 1401 Park Road, Chanhassen, MN 55317

Contract: \_\_\_\_\_

Project: Wastewater Treatment Facility Improvements

Owners Contract No. \_\_\_\_\_ Engineer's Project No. T22.115360

Date of this Invoice: 5/27/2021

Invoice Work Period: May 1-31, 2021


1) Original Contract amount	<u>\$14,074,300.00</u>
2) Change Orders to date	<u>\$0.00</u>
3) Revised Contract amount	<u>\$14,074,300.00</u>
4) Value completed to date	<u>\$13,264,052.73</u>
5) Materials stored on site	<u>\$0.00</u>
6) Total Earned to date	<u>\$13,264,052.73</u>
7) Amount retained	<u>\$663,202.64</u>
8) Amount previously paid	<u>\$12,035,159.88</u>
<b>Amount due this Payment</b>	<b><u>\$565,690.21</u></b>

Accompanying Documentation:

CONTRACTOR'S Certification:

The undersigned CONTRACTOR certifies that (1) all previous progress payments received from OWNER on account of work done under the Contract referred to above have been applied on account to discharge CONTRACTOR'S legitimate obligations incurred in connection with Work covered by prior Applications for Payment numbered 1 through 1 inclusive; (2) title of all work, materials and equipment incorporated in said Work otherwise listed in or covered by this Application for Payment will pass to OWNER at time of payment free and clear of all Liens, security interest or encumbrance (except such as are recovered by a Bond acceptable to OWNER indemnifying OWNER against any such Lien, security interest or encumbrance); and (3) all Work covered by this Application for Payment is in accordance by the Contract Documents and not defective.

**Magney Construction, Inc. (Contractor)**

By:   
Project Manager

**Payment of the above AMOUNT DUE THIS APPLICATION is recommended.**

Owner: City of Marshall Engineer: Bolton & Menk

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

Date: \_\_\_\_\_ Date: 5-28-2021

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #23	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
0520	Bond & Insurance	\$ 168,892	168,892.00	0.00	0.00	168,892.00	100%	0.00
1000	Mobilization	\$ 696,545	545,926.00	0.00	0.00	545,926.00	78%	150,619.00
1010	Supervision & General Conditions	\$ 276,000	251,167.00	8,000.00	0.00	259,167.00	94%	16,833.00
<b>1020</b>	<b>General Construction Allowance</b>	<b>\$ 250,000</b>	<b>176,779.82</b>	<b>78,186.38</b>	<b>0.00</b>	<b>254,966.20</b>	<b>102%</b>	<b>-4,966.20</b>
<b>1021</b>	<b>Building Permit Allowance</b>	<b>\$ 10,000</b>	<b>7,499.38</b>	<b>0.00</b>	<b>0.00</b>	<b>7,499.38</b>	<b>75%</b>	<b>2,500.62</b>
2060	Demolition of Existing WWTP Facilities:							
	Trickling Filter Pump Station Top	\$ 4,650	0.00	4,650.00	0.00	4,650.00	100%	0.00
	Trickling Filter Pump Station Pumps/Piping	\$ 3,480	0.00	1,500.00	0.00	1,500.00	43%	1,980.00
	Sludge Control Structure	\$ 13,540	13,540.00	0.00	0.00	13,540.00	100%	0.00
	Control Building Pumps and Piping	\$ 5,850	5,850.00	0.00	0.00	5,850.00	100%	0.00
	Blower Building Blowers and Piping	\$ 6,420	6,420.00	0.00	0.00	6,420.00	100%	0.00
	Trickling Filter Roof/Media/Rotary Distributor	\$ 62,460	62,460.00	0.00	0.00	62,460.00	100%	0.00
	Aeration Equipment and Piping	\$ 17,500	4,375.00	4,375.00	0.00	8,750.00	50%	8,750.00
	Intermediate Clarifier Equipment	\$ 26,417	26,417.00	0.00	0.00	26,417.00	100%	0.00
2140	Dewatering	\$ 19,555	19,555.00	0.00	0.00	19,555.00	100%	0.00
2210	Finish Grading	\$ 14,320	7,000.00	2,500.00	0.00	9,500.00	66%	4,820.00
2220	Structure Excavation - Final Clarifier and Splitter Box	\$ 71,200	71,200.00	0.00	0.00	71,200.00	100%	0.00
2221	Structure Excavation - Sludge Storage Structure	\$ 133,600	133,600.00	0.00	0.00	133,600.00	100%	0.00
2220A	Backfill of Structures - Final Clarifier and Splitter Box	\$ 91,500	91,500.00	0.00	0.00	91,500.00	100%	0.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	172,120.00	0.00	0.00	172,120.00	100%	500.00
2370	Erosion and Sediment Control	\$ 12,400	10,000.00	0.00	0.00	10,000.00	81%	2,400.00
2550	Site Utilities	\$ 565,333	565,333.00	0.00	0.00	565,333.00	100%	0.00
2551	Bypass Piping	\$ 49,504	25,000.00	18,000.00	0.00	43,000.00	87%	6,504.00
2600	Roads, Walks and Curbs	\$ 22,540	21,000.00	0.00	0.00	21,000.00	93%	1,540.00
2800	Fencing	\$ 12,200	12,200.00	0.00	0.00	12,200.00	100%	0.00
2920	Seeding	\$ 6,100	0.00	4,000.00	0.00	4,000.00	66%	2,100.00
3200	Rebar - Materials	\$ 678,400	678,400.00	0.00	0.00	678,400.00	100%	0.00
3201	Rebar - Labor	\$ 457,600	454,830.00	0.00	0.00	454,830.00	99%	2,770.00
3300	Concrete Work							
	Clarifier Splitter Structure	\$ 71,760	71,760.00	0.00	0.00	71,760.00	100%	0.00
	Final Clarifier	\$ 214,650	214,650.00	0.00	0.00	214,650.00	100%	0.00
	Control Structure	\$ 29,075	29,071.00	0.00	0.00	29,071.00	100%	4.00
	Sludge Storage Tank	\$ 2,180,839	2,180,839.00	0.00	0.00	2,180,839.00	100%	0.00
	Miscellaneous Concrete	\$ 1,860.00	0.00	0.00	0.00	0.00	0%	1,860.00
3410	Precast Double Tees	\$ 448,980	448,980.00	0.00	0.00	448,980.00	100%	0.00
3411	Precast Hollow Core Planks	W/Double Tees						

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #23	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
3460	Precast Non-Architectural Wall Panels	W/Double Tees						
5100	Structural Metals, Misc Metals and Handrail	\$ 456,850	452,224.00	1,500.00	0.00	453,724.00	99%	3,126.00
5500	Access Hatches	\$ 7,820	7,296.00	0.00	0.00	7,296.00	93%	524.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 279,400	259,856.00	15,000.00	0.00	274,856.00	98%	4,544.00
7900	Joint Sealant	\$ 1,600	1,600.00	0.00	0.00	1,600.00	100%	0.00
8110	Hollow Metal Doors, Frames and Hardware	\$ 22,540	22,540.00	0.00	0.00	22,540.00	100%	0.00
9960	Painting	\$ 299,000	268,500.00	15,500.00	0.00	284,000.00	95%	15,000.00
10400	Identifying Devices	\$ 3,690	0.00	1,500.00	0.00	1,500.00	41%	2,190.00
11213	Vertical Non-Clog Solids Handling Pumps	\$ 212,600	212,600.00	0.00	0.00	212,600.00	100%	0.00
11214	Vertical Turbine Pumps	\$ 143,100	128,990.45	0.00	0.00	128,990.45	90%	14,109.55
11311	Submersible Centrifugal Pumps	\$ 17,400	17,400.00	0.00	0.00	17,400.00	100%	0.00
11312	Replace Vaughan Chopper Pump	\$ 36,400	36,400.00	0.00	0.00	36,400.00	100%	0.00
11316	Progressive Cavity Pumps	\$ 54,750	54,750.00	0.00	0.00	54,750.00	100%	0.00
11321	Grit Separation Equipment	\$ 96,560	96,560.00	0.00	0.00	96,560.00	100%	0.00
11351	Clarifier Equipment - Suction Type Clarifier	\$ 428,500	428,500.00	0.00	0.00	428,500.00	100%	0.00
11365	Gravity Actuated Rotary Distributor	\$ 135,840	135,840.00	0.00	0.00	135,840.00	100%	0.00
11366	Trickling Filter Media	\$ 345,600	345,600.00	0.00	0.00	345,600.00	100%	0.00
<b>11372</b>	<b>Blower Allowance</b>	<b>\$ 650,000</b>	<b>483,118.19</b>	<b>0.00</b>	<b>0.00</b>	<b>483,118.19</b>	<b>74%</b>	<b>166,881.81</b>
11372	Blower System (Positive Displacement w/ Enclosure)	\$ 4,630	4,630.00	0.00	0.00	4,630.00	100%	0.00
11374	Fine Pore Membrane Aeration Equipment	\$ 82,900	39,475.00	15,000.00	0.00	54,475.00	66%	28,425.00
11376	Hybrid Blower System	\$ 6,800	6,800.00	0.00	0.00	6,800.00	100%	0.00
13126	Circular Tank Covers	\$ 185,300	185,300.00	0.00	0.00	185,300.00	100%	0.00
13262	Long Term Storage Mixing System	\$ 266,500	266,500.00	0.00	0.00	266,500.00	100%	0.00
<b>13263</b>	<b>ATAD Equipment Replacement</b>	<b>\$ 140,000</b>	<b>140,000.00</b>	<b>0.00</b>	<b>0.00</b>	<b>140,000.00</b>	<b>100%</b>	<b>0.00</b>
13263	ATAD Equipment Installation	\$ 29,850	29,850.00	0.00	0.00	29,850.00	100%	0.00
13320	Blower Master Control Panel	\$ 900	900.00	0.00	0.00	900.00	100%	0.00
13890	Slide Gates	\$ 10,500	10,500.00	0.00	0.00	10,500.00	100%	0.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	31,200.00	0.00	0.00	31,200.00	100%	0.00
14620	Portable Hoist	\$ 9,200	9,200.00	0.00	0.00	9,200.00	100%	0.00
15060	Process Piping - Materials	\$ 307,200	300,699.51	2,000.00	0.00	302,699.51	99%	4,500.49
15060	Process Piping - Labor	\$ 172,800	166,000.00	2,500.00	0.00	168,500.00	98%	4,300.00
15100	Valves - Materials	\$ 744,040	744,040.00	0.00	0.00	744,040.00	100%	0.00
15130	Gauges	\$ 1,600	1,350.00	250.00	0.00	1,600.00	100%	0.00
15140	Pipe Supports and Anchors	\$ 11,600	9,000.00	1,000.00	0.00	10,000.00	86%	1,600.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 34,500	34,500.00	0.00	0.00	34,500.00	100%	0.00
15250	Plumbing	\$ 14,800	13,400.00	700.00	0.00	14,100.00	95%	700.00
15500	HVAC	\$ 97,800	95,300.00	1,000.00	0.00	96,300.00	98%	1,500.00

Contractor: Magney Construction, Inc.  
 Owner: City of Marshall, MN  
 Project: Wastewater Treatment Facility Improvements  
 BMI Project No. T22.115360

Date of Application:  
 Work Completed Through:

APPLICATION FOR PAYMENT SCHEDULE

Spec.	Pay Application #23	Scheduled Value	Work Previous Application	Completed This Application	Materials Presently Stored	Total Completed & Stored to Date	% Complete	Balance To Finish
16010	Electrical - Mobilization, Permits and Job Overhead	\$ 100,000	94,500.00	2,500.00	0.00	97,000.00	97%	3,000.00
16100	Basic Materials and Methods	\$ 260,575	260,575.00	0.00	0.00	260,575.00	100%	0.00
16150	Motors	\$ 20,000	15,800.00	3,500.00	0.00	19,300.00	97%	700.00
16400	Electrical Distribution	\$ 83,000	73,005.00	6,500.00	0.00	79,505.00	96%	3,495.00
16900	Starters and Motor Control Centers	\$ 463,000	463,000.00	0.00	0.00	463,000.00	100%	0.00
16950	Instrumentation and Controls	\$ 958,165	244,926.00	405,802.00	0.00	650,728.00	68%	307,437.00
<b>16990</b>	<b>Computer Allowance</b>	<b>\$ 50,000</b>	0.00	0.00	0.00	0.00	0%	50,000.00
	<b>Totals</b>	<b>14,074,300.00</b>	<b>12,668,589.35</b>	<b>595,463.38</b>	<b>0.00</b>	<b>13,264,052.73</b>	<b>94%</b>	<b>810,247.27</b>
		0.00						
	Original Contract amount		14,074,300.00					
	Change Orders to date		0.00					
	Revised Contract amount		14,074,300.00					
	Value completed to date		13,264,052.73					
	Materials stored on site		0.00					
	Total Earned to date		13,264,052.73					
	Amount retained		663,202.64					
	Amount previously paid		12,035,159.88					
	<b>Amount due this Payment</b>		<b>565,690.21</b>					