



**BOLTON  
& MENK**

Real People. Real Solutions.

1960 Premier Drive  
Mankato, MN 56001-5900

Ph: (507) 625-4171  
Fax: (507) 625-4177  
Bolton-Menk.com

## MEMORANDUM

**Date:** May 28, 2020  
**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. 11  
City of Marshall, Minnesota  
Project No.: T22.115360

### INTRODUCTION

Pay Request No. 11 for the above-referenced project in the amount of \$718,359.21 is being submitted for approval.

### DISCUSSION

This pay application covers work completed on the project through May 28, 2020. The Contractor has completed removal of forms for the concrete top slab of the sludge storage tank. Excavation for the final clarifier control structure has been started. The concrete for base slab of the clarifier splitter structure has been placed. ATAD pumps, Final Clarifier pumps, and the sludge transfer pump have been delivered to the site. We recommend approval of the attached Request for Payment No. 11.

### 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 \$718,359.21.

**Application for Payment No. 11**

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: 5/28/2020  
 Invoice Work Period: May 1-31, 2020


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>\$7,048,751.90</u>
5) Materials stored on site	<u>\$267,585.00</u>
6) Total Earned to date	<u>\$7,316,336.90</u>
7) Amount retained	<u>\$365,816.85</u>
8) Amount previously paid	<u>\$6,232,160.85</u> ✓
<b>Amount due this Payment</b>	<b><u>\$718,359.21</u></b>

Accompanying Documentation:

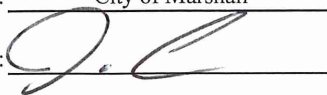
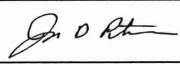
CONTRACTOR'S Certification:


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: 6-1-2020 Date: 5-28-20

VENDOR # 5459  
 INVOICE # #11 - T22.115360  
 \$ AMOUNT 718,359.21  
 DATE 5-31-2020  
 ACCT & PROJ # 602-49500-55120/W13  
 DESCRIPTION #11 - WWT F Improvements  
 SIGNATURE 

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. Section	Pay Application #11 Description of Work	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	110,000.00	13,000.00	0.00	123,000.00	45%	153,000.00
1020	<b>General Construction Allowance</b>	<b>\$ 250,000</b>	18,707.25	-63,307.42	0.00	-44,600.17	-18%	294,600.17
1021	<b>Building Permit Allowance</b>	<b>\$ 10,000</b>	7,499.38	0.00	0.00	7,499.38	75%	2,500.62
2060	Demolition of Existing WWTP Facilities:							
	Trickling Filter Pump Station Top	\$ 4,650	0.00	0.00	0.00	0.00	0%	4,650.00
	Trickling Filter Pump Station Pumps/Piping	\$ 3,480	0.00	0.00	0.00	0.00	0%	3,480.00
	Sludge Control Structure	\$ 13,540	0.00	0.00	0.00	0.00	0%	13,540.00
	Control Building Pumps and Piping	\$ 5,850	0.00	0.00	0.00	0.00	0%	5,850.00
	Blower Building Blowers and Piping	\$ 6,420	0.00	0.00	0.00	0.00	0%	6,420.00
	Trickling Filter Roof/Media/Rotary Distributor	\$ 62,460	60,460.00	2,000.00	0.00	62,460.00	100%	0.00
	Aeration Equipment and Piping	\$ 17,500	0.00	0.00	0.00	0.00	0%	17,500.00
	Intermediate Clarifier Equipment	\$ 26,417	0.00	0.00	0.00	0.00	0%	26,417.00
2140	Dewatering	\$ 19,555	17,555.00	0.00	0.00	17,555.00	90%	2,000.00
2210	Finish Grading	\$ 14,320	0.00	0.00	0.00	0.00	0%	14,320.00
2220	Structure Excavation - Final Clarifier and Splitter Box	\$ 71,200	0.00	50,000.00	0.00	50,000.00	70%	21,200.00
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	0.00	0.00	0.00	0.00	0%	91,500.00
2221A	Backfill of Structures - Sludge Storage Structure	\$ 172,620	142,620.00	0.00	0.00	142,620.00	83%	30,000.00
2370	Erosion and Sediment Control	\$ 12,400	6,500.00	2,500.00	0.00	9,000.00	73%	3,400.00
2550	Site Utilities	\$ 565,333	91,206.62	27,000.00	0.00	118,206.62	21%	447,126.38
2551	Bypass Piping	\$ 49,504	0.00	0.00	0.00	0.00	0%	49,504.00
2600	Roads, Walks and Curbs	\$ 22,540	0.00	0.00	0.00	0.00	0%	22,540.00
2800	Fencing	\$ 12,200	5,500.00	0.00	0.00	5,500.00	45%	6,700.00
2920	Seeding	\$ 6,100	0.00	0.00	0.00	0.00	0%	6,100.00
3200	Rebar - Materials	\$ 678,400	678,400.00	0.00	0.00	678,400.00	100%	0.00
3201	Rebar - Labor	\$ 457,600	437,330.00	3,500.00	0.00	440,830.00	96%	16,770.00
3300	Concrete Work							
	Clarifier Splitter Structure	\$ 71,760	0.00	25,000.00	0.00	25,000.00	35%	46,760.00
	Final Clarifier	\$ 214,650	0.00	0.00	0.00	0.00	0%	214,650.00
	Control Structure	\$ 29,075	0.00	0.00	0.00	0.00	0%	29,075.00
	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	154,540.00	294,440.00	0.00	448,980.00	100%	0.00
3411	Precast Hollow Core Planks	W/Double Tees						



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. Section	Pay Application #11 Description of Work	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	95,649.00	0.00	40,125.00	135,774.00	30%	321,076.00
5500	Access Hatches	\$ 7,820	6,796.00	0.00	0.00	6,796.00	87%	1,024.00
7535	Fully Adhered Membrane Roofing & Sheet Metal	\$ 279,400	0.00	0.00	0.00	0.00	0%	279,400.00
7900	Joint Sealant	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
8110	Hollow Metal Doors, Frames and Hardware	\$ 22,540	0.00	0.00	0.00	0.00	0%	22,540.00
9960	Painting	\$ 299,000	0.00	0.00	0.00	0.00	0%	299,000.00
10400	Identifying Devices	\$ 3,690	0.00	0.00	0.00	0.00	0%	3,690.00
11213	Vertical Non-Clog Solids Handling Pumps	\$ 212,600	44,274.04	0.00	160,000.00	204,274.04	96%	8,325.96
11214	Vertical Turbine Pumps	\$ 143,100	0.00	0.00	0.00	0.00	0%	143,100.00
11311	Submersible Centrifugal Pumps	\$ 17,400	0.00	0.00	0.00	0.00	0%	17,400.00
11312	Replace Vaughan Chopper Pump	\$ 36,400	32,840.00	0.00	0.00	32,840.00	90%	3,560.00
11316	Progressive Cavity Pumps	\$ 54,750	0.00	0.00	50,125.00	50,125.00	92%	4,625.00
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	0.00	0.00	0.00	0.00	0%	428,500.00
11365	Gravity Actuated Rotary Distributor	\$ 135,840	0.00	0.00	0.00	0.00	0%	135,840.00
11366	Trickling Filter Media	\$ 345,600	0.00	0.00	0.00	0.00	0%	345,600.00
<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	0.00	1,650.00	0.00	1,650.00	36%	2,980.00
11374	Fine Pore Membrane Aeration Equipment	\$ 82,900	0.00	0.00	0.00	0.00	0%	82,900.00
11376	Hybrid Blower System	\$ 6,800	0.00	0.00	0.00	0.00	0%	6,800.00
13126	Circular Tank Covers	\$ 185,300	0.00	0.00	0.00	0.00	0%	185,300.00
13262	Long Term Storage Mixing System	\$ 266,500	0.00	0.00	0.00	0.00	0%	266,500.00
<b>13263</b>	<b>ATAD Equipment Replacement</b>	<b>\$ 140,000</b>	<b>0.00</b>	<b>0.00</b>	<b>117,800.00</b>	<b>117,800.00</b>	<b>84%</b>	<b>22,200.00</b>
13263	ATAD Equipment Installation	\$ 29,850	0.00	0.00	0.00	0.00	0%	29,850.00
13320	Blower Master Control Panel	\$ 900	0.00	0.00	0.00	0.00	0%	900.00
13890	Slide Gates	\$ 10,500	0.00	0.00	0.00	0.00	0%	10,500.00
13900	Fiberglass Baffles and Weir Plates	\$ 31,200	14,310.00	0.00	0.00	14,310.00	46%	16,890.00
14620	Portable Hoist	\$ 9,200	7,982.75	0.00	0.00	7,982.75	87%	1,217.25
15060	Process Piping - Materials	\$ 307,200	239,313.51	0.00	0.00	239,313.51	78%	67,886.49
15060	Process Piping - Labor	\$ 172,800	10,000.00	15,000.00	0.00	25,000.00	14%	147,800.00
15100	Valves - Materials	\$ 744,040	457,395.45	0.00	17,335.00	474,730.45	64%	269,309.55
15130	Gauges	\$ 1,600	0.00	0.00	0.00	0.00	0%	1,600.00
15140	Pipe Supports and Anchors	\$ 11,600	0.00	0.00	0.00	0.00	0%	11,600.00
15150	Stainless Steel Manways w/ Blind Flanges	\$ 34,500	34,300.00	0.00	0.00	34,300.00	99%	200.00
15250	Plumbing	\$ 14,800	0.00	0.00	0.00	0.00	0%	14,800.00
15500	HVAC	\$ 97,800	23,025.13	0.00	0.00	23,025.13	24%	74,774.87

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. Section	Pay Application #1 Description of Work	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	50,000.00	0.00	0.00	50,000.00	50%	50,000.00
16100	Basic Materials and Methods	\$ 260,575	25,030.00	0.00	0.00	25,030.00	10%	235,545.00
16150	Motors	\$ 20,000	0.00	0.00	0.00	0.00	0%	20,000.00
16400	Electrical Distribution	\$ 83,000	0.00	0.00	0.00	0.00	0%	83,000.00
16900	Starters and Motor Control Centers	\$ 463,000	180,000.00	0.00	0.00	180,000.00	39%	283,000.00
16950	Instrumentation and Controls	\$ 958,165	0.00	0.00	0.00	0.00	0%	958,165.00
16990	Computer Allowance	\$ 50,000	0.00	0.00	0.00	0.00	0%	50,000.00
	<b>Totals</b>	<b>14,074,300.00</b>	<b>6,560,169.32</b>	<b>370,782.58</b>	<b>385,385.00</b>	<b>7,316,336.90</b>	<b>52%</b>	<b>6,757,963.10</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		6,930,951.90					
	Materials stored on site		385,385.00					
	Total Earned to date		7,316,336.90					
	Amount retained		365,816.85					
	Amount previously paid		6,232,160.85					
	<b>Amount due this Payment</b>		<b>718,359.21</b>					