



MARSHFIELD DEPARTMENT OF PUBLIC WORKS FACILITY

Monthly Status Report

AUGUST 2022

Town of Marshfield
Construction of New Department of Public Works
August 2022 – Monthly Status Report

EXECUTIVE SUMMARY

The Owner's Project Manager, PMA Consultants (PMA), Architect, Weston & Sampson, and Page Building Construction Co. (Page) are cooperatively working towards the successful completion of the New Marshfield Department of Public Works Facility on August 3, 2023.

This Status Report covers progress of the project during the month of August 2022. The Project is within budget and the schedule is currently under review. Significant effort has been made to track all progress against Key Project Milestones, all of which are reviewed monthly by PMA.

This status report covers progress of the project through August 2022. The project is currently in construction:

PROJECT STATUS OVERVIEW	
<p>Current Month- Progress</p> <ul style="list-style-type: none"> • August 1, final pour occurred in vehicle storage area. • Electricians connect conduit from transformer (near leaching field) to new building • Masons continue with brick laying of exterior walls • Trench was dug for conduit to be run from transformer for tele communications and electrical to eventual new pole. • Drainage was installed at rear of site near canopy area • Conduit was laid from transformer by Jupiter to new generator pad near leaching pad • August 11, wall and roof panels were delivered on site- 8 truckloads • Oil/water tank was installed on 8/15, with pipes connected on 8/16 • 8/17-8/25- 1 ½ dense grade was spread and compacted around the site for binder in future • 8/26- 2 inch gas sleeve was installed from existing line into new building • 8/26- 4 trucks of steel were delivered for buildings A & B • Trench was dug behind diesel tank to run conduit from transformer (3 tele data, 2 electrical) to new pole. • 8/30- steel was beginning to be erected in building B (admin area.) 	
<p>Next Month- Forecasted Items</p> <ul style="list-style-type: none"> • Steel to continue being erected • Wall and roof panels scheduled to begin being installed • Target date of 9/26 for buildings C & D for steel delivery. 	

Schedule Update:

- Schedule Update #02 to the CPM Schedule was submitted by Page on 5/23/22 which included a narrative as required by the Contract. The critical path begins with Buildings C/D submittals and approval concluding on 4/21/2022, and then procurement for 110 days. The construction activities immediately follow starting with exterior and then interior and conclude with testing and inspection. The current forecast finish date for Certificate of Occupancy (Substantial Completion) is 8/11/2023, which is 8 days late from the contract completion date. This projected delay is the result of late submittals and will be Page's responsibility to recover back to the Contract Completion of 8/3/2023. Page's Schedule Update #02 Submission was accepted with comments; with all comments to be addressed in the next schedule update submission. Update #03 was issued on 07/15.

Open Issues to Resolve:

- The current forecast finish date for Certificate of Occupancy (Substantial Completion) is 8/11/2023, which is 8 days late from the contract completion date. This projected delay is the result of late submittals and will be Page's responsibility to recover back to the Contract Completion of 8/3/2023.

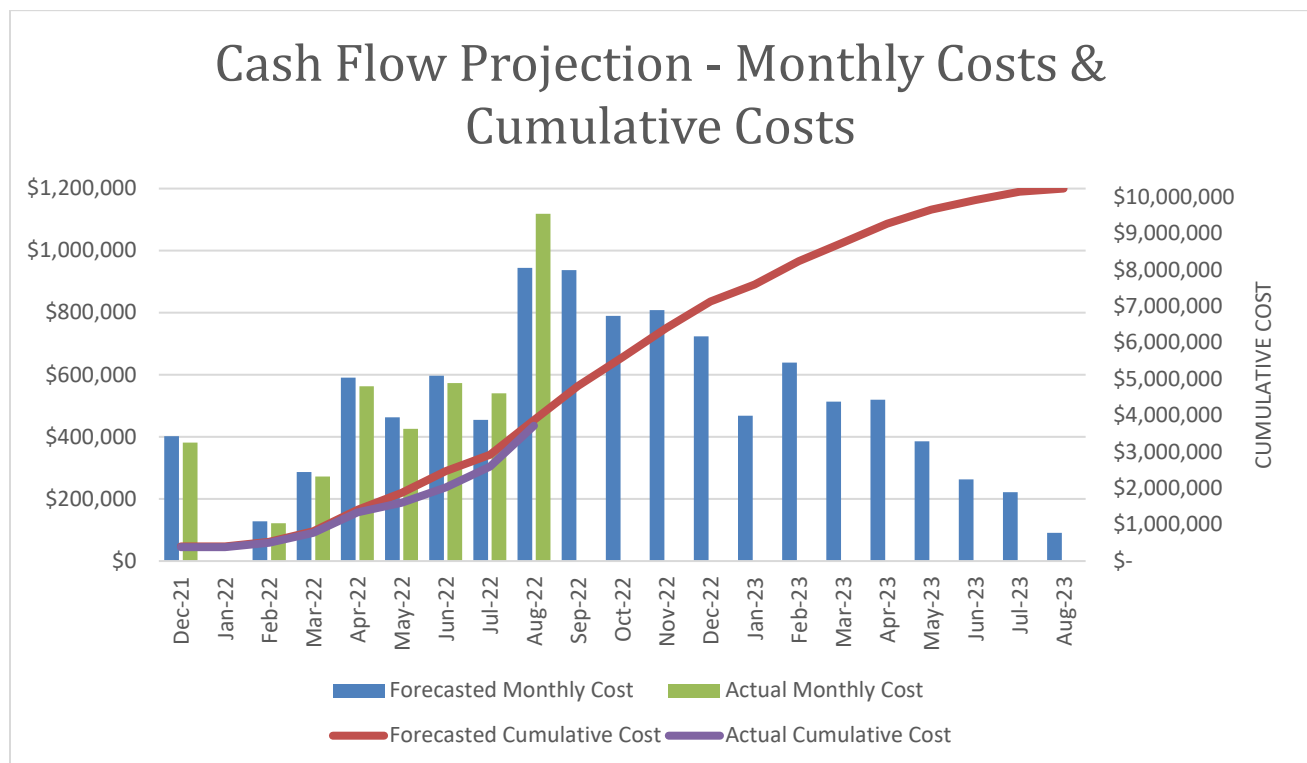
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Architect	Weston & Sampson	General Contractor	Page Building Construction Co.
Current Phase	Construction	Project Duration	640 days
Facility Type	New DPW Station Facility	Notice to Proceed	11/1/2021 - Contract Date
Construction Type	New Construction	Substantial Completion	8/3/2023 – Contract Date
Building/Addition Size	25,156 sq. ft.	Final Completion	8/11/2023 - Per Page Schedule
2PMA OPM Contact	John Sheridan, Steve Rusteika (508.454.6500) (508.725.7666)	PMA OPM Field Contact	Patrick McCarthy, 617.780.9382

MONTHLY MANPOWER SUMMARY

<i>Week 1 Tradesmen (08/01-08/05)</i>	53
<i>Week 2 Tradesmen (08/08-08/12)</i>	45
<i>Week 3 Tradesmen (08/15-08/19)</i>	22
<i>Week 4 Tradesmen (08/22-08/26)</i>	18
<i>Week 5 Tradesmen (08/29-08/31)</i>	33
TOTAL TRADESMEN	171

CUMULATIVE CASHFLOW PROJECTION*



UPDATE – New Marshfield DPW Facility
8/1/2022 (Work between 8/1/2022 and 8/31/2022)

INSPECTION, TESTING AND CONFERENCES:

- Construction Meetings were held on site in the trailer on a bi-weekly on- Wednesdays at 10am. The location has been moved to the conference room on the second floor of the DPW building.
- Testing and inspection services are being performed by Atane Consulting, including proctor tests, compaction tests, rebar inspection and concrete testing.
- Testing and Inspection are being performed as required by the Contract.

MISCELLANEOUS GC WORK:

- General Site Safety Conditions
- Trailer on site for PMA & Page Construction
- Temporary fencing & barriers and signage installed

SITework:

- Leaching field was finished and drainage was installed
- Trench near transformer was dug for Jupiter Electric to install tele. comm conduit and electrical conduit
- Rear of site; drainage was installed
- Trench along perimeter of site was dug for electrical conduit to run and backfilled
- Leaching field was subgrade and compacted
- Bricks being laid along exterior walls
- Oil/water separator tank installed
- Site has been subgrade and compacted with 1 ½ dense grade for eventual binder to be laid
- 2-inch sleeve was installed on gas line from existing line to new line
- Steel for buildings A & B were delivered on 8/26. Four truck loads.
- Trench behind diesel tank being dug for tele. data and electrical conduit to be connected from transformer to future NEW electrical pole to be installed by Verizon/Eversource
- Steel has been erected in admin. area (building B) and vehicle maintenance area (building A)

RFI / SUBMITTAL SUMMARY

RFI's:

Submitted	Currently Open	Overdue	Average Response Time
30	0	0	2 days

SUBMITTAL's:

Transmitted	Currently Open	Overdue	Average Response Time
6	0	0	3 days



								STATUS			Comments
PC O #	Generator	Reason Code	CO No.	Description	Proposed / Estimated Amount	Revised Amount	Total Proposed Change	Cancelled/ Rejected	Pending	Approved	
1	Owner	OI		Gas Service Extention	\$43,428.07		\$43,428.07	\$43,428.07			Void
2	GC	EO	2	RFI #s 2-5 electrical costs	\$11,867.97	\$6,355.17	\$6,355.17			\$6,355.17	Approved
3	Owner	OI		Additional Structural Fill							Void
4	Owner	OI	2	HRV-1	\$0.00		\$0.00			\$0.00	Approved
5	Owner	OI	2	Canopy Frost Wall	\$65,706.90		\$65,706.90			\$65,706.90	Approved
6	Owner	OI	2	Footing Revisions	\$25,987.84		\$25,987.84			\$25,987.84	Approved
7	Owner	OI		Credit For Work Completed by DPW	(\$19,800.00)		(\$19,800.00)		(\$19,800)		Under Review
8	Owner	OI	2	Heat Pump Revisions	\$589.64		\$589.64			\$589.64	Approved
9	Owner	OI		Condensate Drainage	\$10,006.35		\$10,006.35		\$10,006.35		Under Review
10	Owner	OI	2	Relocated ADA Ramp	\$0.00		\$0.00			\$0.00	Approved
11	Owner	OI		Credit for Blinds at sidelites 106/106A	(\$697.00)		(\$697.00)	(\$697.00)			Void
12	TBD			5 Ton Bridge Crane	\$95,849.83		\$95,849.83		\$95,849.83		Pending-In Review
13	TBD			Additional Conduit							Waiting on Proposal
14	Owner			Sleeve for Gas Company							Waiting on Proposal
15	Owner			Gear Lockers							Waiting on Proposal
16	Owner			Electrical Vehicle Charging Stations							Waiting on Proposal
					\$232,939.60	\$6,355.17	\$227,426.80	\$42,731.07	\$86,056.18	\$98,639.55	
					Proposed / Estimated Amount	Revised Amount	Total Proposed Change	Cancelled	Pending	Approved	

Contingency Start	\$485,241.00
Approved C/O's	\$98,639.55
Pending Changes	\$86,056.18

Original Contract Value	\$10,230,000.00
Total Approved Changes	\$98,639.55
Construction Total	\$10,328,639.55

Change Order Summary

Change Order Number	Value
CO # 1	\$0.00
CO # 2	\$98,639.55

Total Change Orders: \$98,639.55

Change Request Reason Code:

EO: Errors and Omissions

UN: Unforeseen Conditions

OI: Owner Initiated Change

New Marshfield Department of Public Works Station
August 2022 – Budget and Actuals

ORIGINAL BUDGET DETAIL		ACTUALS
Town Meeting Appropriation	\$ 19,460,000	
Hard Costs		
General Contractor (Page)	\$ 10,230,000	\$ 3,138,928
Ownwrs Contingency	\$ 485,241	\$ 386,601
Fuel System	\$ 230,000	\$ 96,316
Allied Waste Services-Renovations	\$ 780,000	\$ 778,418
Allied waste Services Purchased	\$ 4,750,158	\$ 4,750,158
Softs Costs		
Reproduction/Bidding	\$ 1,525	
Legal Costs	\$ 20,000	\$ 11,916
Commissioning Agent	\$ 30,000	\$ -
Chapter 17 Test & Inspections*	\$ 60,000	\$ -
FF& E	\$ 75,000	
Micellaneous Owners Costs*** (MOC)	\$ 15,008	\$ 15,008
Access Control, Security, Radio Systems	\$ 100,000	
A/E & OPM Costs	\$ 2,683,068	\$ 1,847,340
Total	\$ 19,460,000	\$ 11,024,685

* In OPM Services line item

CURRENT GC BUDGET SUMMARY	
General Contractor (SC)	\$ 10,230,000.00
Approved Change Orders (2)	\$ 98,639.55
Pending PCO's (2)	\$ 86,056.18
Total	\$ 10,414,695.70
Amount Requisitioned to Date	\$ 4,481,635.42
Balance to Finish (Req #9)	\$ 6,071,085.90
Retainage to Date (5%)	\$ 224,081.77

PROJECT PHOTOS



a section of line 1 exterior wall, brick being laid



lt. view of leaching field and tank area being subgrade



alt. view of staging area of wall and roof panels



another section of line1 exterior wall
brick



leaching field and tank area, being subgrade



one of 8 truck deliveries; wall and roof panels



outside electrical room, exterior of building, along line 8A



transformer pad, electrical conduit connected

PROJECT PHOTOS



Electricians laying electrical conduit from transformer pad



Start of steel columns being erected



Alt. view from transformer pad of conduit



More steel columns in being erected in admin area.



Alt. view of columns erected



Admin area and vehicle maintenance area as a lay down area

PROJECT PHOTOS



tank at leaching field, tops being parged and sealed with concrete



Alt. view of admin area being erected



3 pipes are tele., 2 are elec, eventually lead to new pole.



Zoomed out view of admin area



alt. view of tank tops being backfilled after being sealed and parged



Admin area and vehicle maintenance area columns and roof purlins

PROJECT PHOTOS



alt. view of tele data trench encased



another encased view



another view before the ends meet



start of vehicle maintenance erection



Tank at leaching field, covers sealed and backfilled with concrete



steel erected from outside of site



tele comm. trench encased in concrete



tele comm and elec. conduit, in process of concrete pour



tele data conduit in process of pour