



MARSHFIELD DEPARTMENT OF PUBLIC WORKS FACILITY

Monthly Status Report

JULY 2022

Town of Marshfield
Construction of New Department of Public Works
July 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 July 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 July 31, 2022. The project is currently in construction:

PROJECT STATUS OVERVIEW	
Current Month- Progress	
<ul style="list-style-type: none"> Concrete slab was poured in vehicle maintenance area, cured and control joints were cut. Drain box was installed in the vehicle storage area Stone was set and graded in vehicle storage area for future concrete pours Electrical conduit and bump outs were finished and installed under grade prior to mesh and rebar install Vehicle storage area was finished with vapor barrier, mesh, and rebar Exterior walls applied with vapor barrier and waterproofing Water line was tested and cleared for work to proceed 07/14- leaching field was being marked out to begin for digging Exterior walls finished with AVB for masons to start on 07/18 Masons began laying brick on exterior walls Drainage from DMH #8 to retention pond for roof downspouts was connected Vehicle storage area had a 136-yard concrete pour Septic tanks in leaching field were being connected Drainage and stone was graded and compacted to finish leaching field 07/29- 3rd concrete pour in vehicle storage area of 77 yards Exterior brick by masons is ongoing 	
Next Month- Forecasted Items	
<ul style="list-style-type: none"> On August 1, final pour is scheduled for the vehicle storage area Masons continue with brick laying of exterior walls Electricians connect conduit from transformer (near leaching field) to new building Delivery of steel for buildings A & B Installation of oil/water separator tank and 1000 gallon FRP storage tank 	

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:

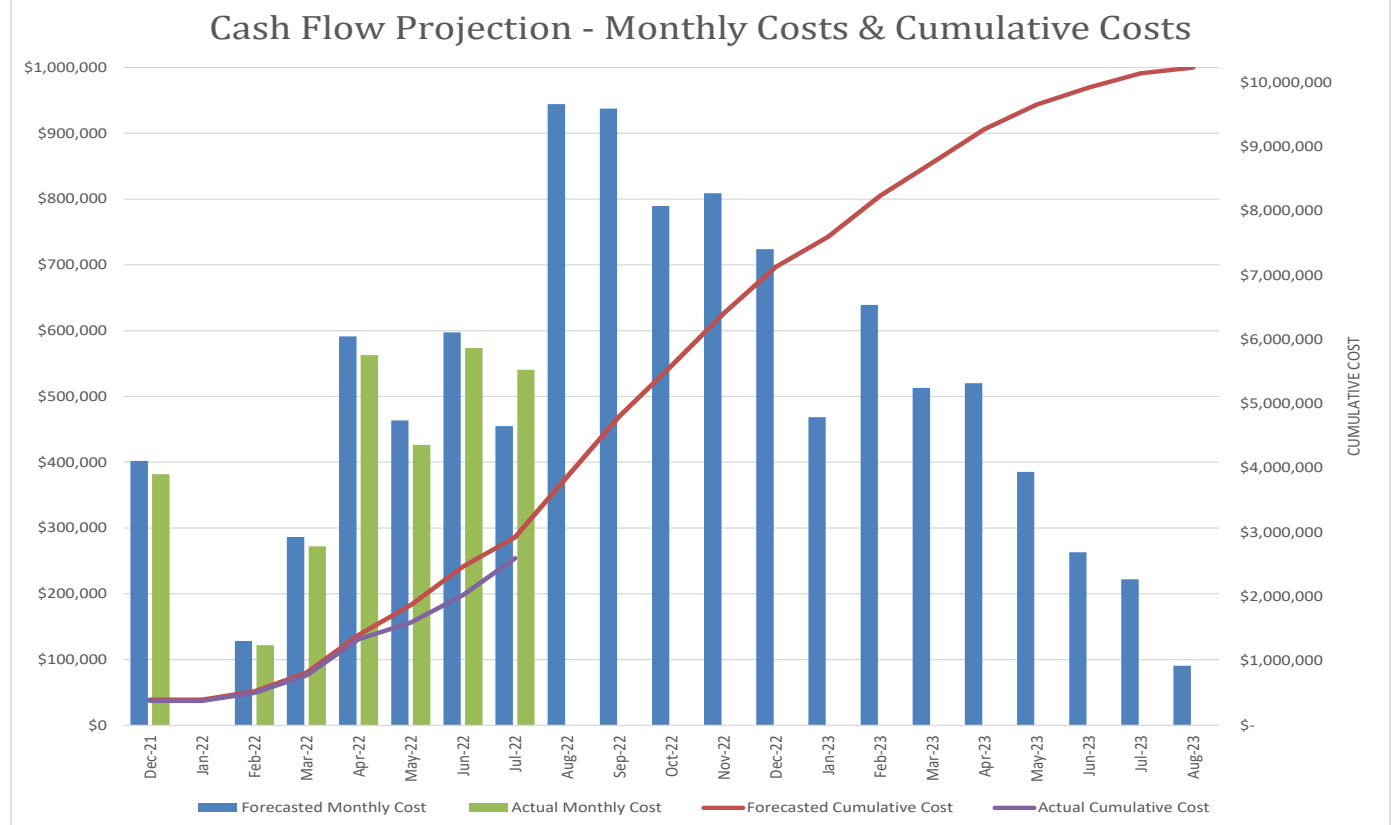
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Architect	Weston & Sampson	General Contractor	Page Building Construction Co.
Current Phase	Construction	Project Duration	640 days
Facility Type	New DPW Station Facility	Notice to Proceed	11/1/2021 - Contract Date
Construction Type	New Construction	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 (07/01)</i>	10
<i>Week 2 Tradesmen (07/04-07/8)</i>	45
<i>Week 3 Tradesmen (07/11-07/15)</i>	42
<i>Week 4 Tradesmen (07/18-07/22)</i>	72
<i>Week 5 Tradesmen (07/25-07/29)</i>	37
TOTAL TRADESMEN	206



CUMULATIVE CASHFLOW PROJECTION*

UPDATE – New Marshfield DPW Facility
7/1/2022 (Work between 7/1/2022 and 7/30/2022)

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:

- All foundations are set and formed. Knee walls are in place
- Interior piers inside building A, B, & C are formed and poured.
- Plumbing was installed, subgrade level, in the A & B buildings and in C building
- Foundations are complete; water & damp proofed, backfilled, and compacted
- Water pipe from existing DPW tied into new line
- Admin area and vehicle maintenance area were brought to subgrade. Admin area slab was poured.
- Vehicle maintenance area has vapor barrier, mesh, & rebar. Concrete slab pour occurs on 6/30 & 7/5.
- All concrete walls are complete, along with both vehicle maintenance and vehicle storage areas poured.
- Leaching field is dug, set, and graded
- Transformer pad is installed, and electrical conduit is tied into it.
- Exterior walls are currently in process of being laid with brick.
- Underground utilities have been installed and backfilled.

RFI / SUBMITTAL SUMMARY

RFI's:

Submitted	Currently Open	Overdue	Average Response Time
27	1	0	2 days

SUBMITTAL's:

Transmitted	Currently Open	Overdue	Average Response Time
13	12	1	3 days



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

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

Change Request Reason Code:
EO: Errors and Omissions
UN: Unforeseen Conditions
OI: Owner Initiated Change

Change Order Summary		
<u>Change Order Number</u>		<u>Value</u>
CO # 1	schedule change	\$0.00
CO # 2	various cumulative changes	\$98,639.55
Total Change Orders:		\$98,639.55

New Marshfield Department of Public Works Station
July 2022 – Budget

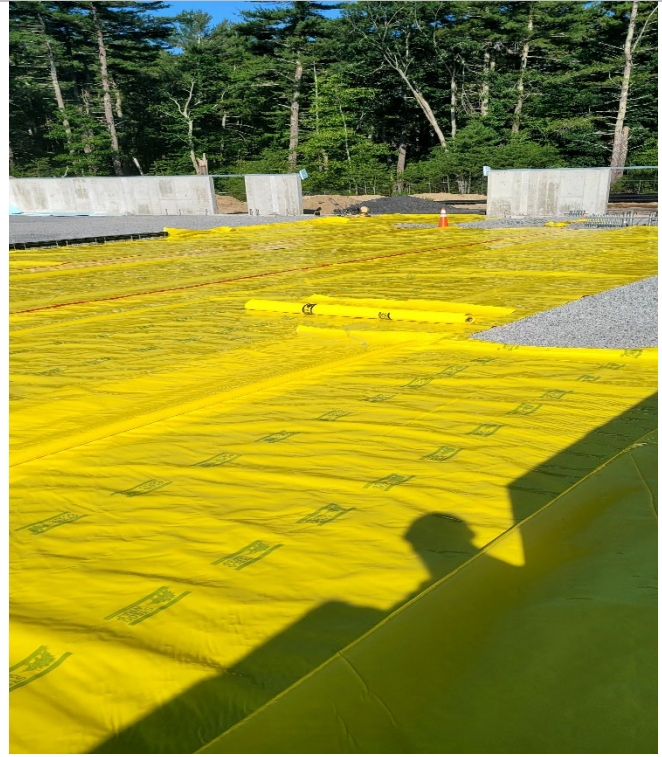
ORIGINAL BUDGET DETAIL		ACTUALS
Town Meeting Appropriation	\$ 19,460,000.00	
Hard Costs		
General Contractor (Page)	\$ 10,328,640.00	\$ 3,138,928.00
Owner's Contingency	\$ 485,241.00	\$ 386,601.00
Fuel System	\$ 230,000.00	\$ 96,316.00
Allied Waste Services- Renovations	\$ 780,000.00	\$ 778,418.00
Allied Waste Services- Purchased	\$ 4,750,158.00	\$ 4,750,158.00
Softs Costs		
Reproduction/Bidding*	\$ 1,525.00	\$ -
Legal Costs	\$ 20,000.00	\$ 11,916.00
Commissioning Agent	\$ 30,000.00	\$ -
Chapter 17 Test & Inspections*	\$ 60,000.00	\$ -
FF&E	\$ 75,000.00	\$ -
Micellaneous Owners Costs*** (MOC)	\$ 15,008.00	\$ 15,008.00
Access Control, Security, Radio Systems	\$ 100,000.00	\$ -
A/E & OPM Costs	\$ 2,683,068.00	\$ 1,847,340.00
Total	\$ 19,558,640.00	\$ 11,024,685.00

CURRENT GC BUDGET SUMMARY	
General Contractor (SC)	\$ 10,230,000.00
Approved Change Orders (2)	\$ 98,639.55
Pending PCO's (2)	\$ 85,359.18
Total	\$ 10,413,998.73
Amount Requisitioned to Date	\$ 3,304,134.42
Balance to Finish (Req #8)	\$ 7,189,711.85
Retainage to Date (5%)	\$ 165,206.72

PROJECT PHOTOS



pipe install along exterior of building for downspouts



alt. view of vapor barrier in VS area



bathrooms in admin, pipes connected to carriers



carrier installed in bathroom, admin area



drainage pipe, capped at line 5A



foundation knee walls being damproofed



foundation knee wall (7A) vapor barrier



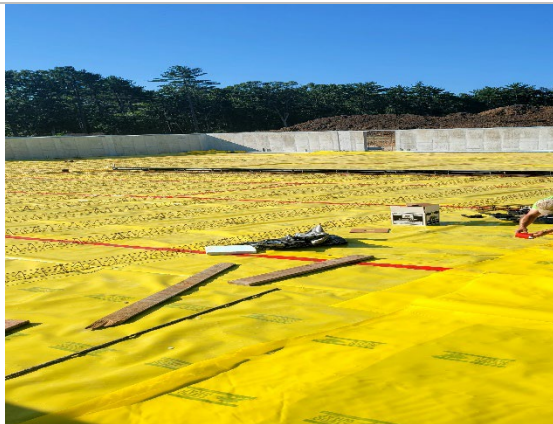
line 8A waterproofed



install

men's room, toilet carriers and pipe

PROJECT PHOTOS



vapor barrier installed in VS area



more of line 8A waterproofed



another view of pour in VS area



foam along wall 8A for masonry block



wide angle of pour 2nd pour in VS area

PROJECT PHOTOS



other septic tank pipe



remaining wall along line 8A for waterproofing (AVB)



septic tank pipe for inspection