

## MONTHLY PROGRESS REPORT

REPORT NO. 14 | March 2022

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## ASHLAND PUBLIC SAFETY

ASHLAND, MASSACHUSETTS



Pictures: Overall Site Progress

### PROJECT DESCRIPTION:

This contract work is for a new public safety building for police and fire departments. The building will be 42,000 SF with a three-story structure, single story apparatus building with a mezzanine, a one story sally port with police vehicle storage, a freestanding carport, a free standing shooting range and associated site work. Ground level will contain the main entrance for the public, dispatch, booking area and cells roll call room, and police offices along with a k-9 kennel. The fire department will contain the watch room and apparatus bay. The second level will contain a training mezzanine for the fire department, dorm rooms, day room and kitchen, a shared fitness are for both departments and police locker rooms. The third level will contain offices and conference rooms for both police and fire departments. Some exterior features will include 2 roof gardens in police areas and sawtooth skylights in the fire department apparatus bay.

### PROJECT COMPLETION

#### LAST REPORT

**71.0%\***

As of Payment Application No..14

#### CURRENT REPORT

**79.0%\*\***

\*\*as of Pay App No. 15

### PROJECT INFORMATION:

**Owner:**

Town of Ashland  
 101 Main Street  
 Ashland, MA 01721  
 508.881.0100

**Owner's Project Manager:**

The Vertex Companies, Inc. ("VERTEX")  
 Bill Nangle  
 400 Libbey Parkway  
 Weymouth, MA 02189  
 781.952.6000 / 6060F

**Architect:**

HKT Architects, Inc. ("HKT")  
 Paula Claridge  
 24 Roland Street Suite 301  
 Charlestown, MA 02129  
 617.776.6678

**Contractor:**

CTA Construction Mangers, LLC ("CTA")  
 Bob Manning PM  
 400 Totten Pond Road 2nd Floor  
 Waltham, MA 02451  
 781.786.6600

**PAYMENT DETAILS**

**PAY APP NO. 15**

Date Executed by Contractor  
May 10, 2022

Date Certified by Architect  
May 16, 2022

Original Contract Amount  
\$22,145,000.00

Approved Change Orders  
\$701,196.11

Amended Contract Amount  
\$22,846,196.11

Approved To Date  
\$17,133,607.16

Retainage Withholdings  
\$901,768.79

Paid To Date  
\$15,406,573.15

Pending Payment  
\$1,727,034.01

Remaining To Bill  
\$5,712,589.00

# PAYMENT STATUS

Payment Application No.1 was recommended for payment in the amount of \$378,596.85.

Payment Application No. 2 was recommended for payment in the amount of \$233,970.94.

Payment Application No.3 was recommended for payment in the amount of \$226,913.00.

Payment Application No.4 was recommended for payment in the amount of \$401,084.64.

Payment Application No. 5 was recommended for payment in the amount of \$1,007,547.39.

Payment Application No. 6 was recommended for payment in the amount of \$849,580.69.

Payment Application No. 7 was recommended for payment in the amount of \$1,653,641.61.

Payment Application No. 8 was recommended for payment in the amount of \$1094,647.00.

Payment Application No. 9 was recommended for payment in the amount of \$1,449,650.63

Payment Application No. 10 was recommended for payment in the amount of \$1,226,655.23

Payment Application No. 11 was recommended for payment in the amount of \$1,885,332.82

Payment Application No. 12 was recommended for payment in the amount of \$1,268,382.85.

Payment Application No. 13 was recommended for payment in the amount of \$1,845,650.57

Payment Application No. 14 was recommended for payment in the amount of \$1,952,463.92

Payment Application No. 15 was recommended for payment in the amount of \$1,727,589.01

**PROJECT COMPLETION**

**LAST REPORT**

**71.0%\***

*\*as of Pay App No.14*

**CURRENT REPORT**

**79.0%\*\***

*\*\*as of Pay App No. 15*

## POTENTIAL DAMAGES

There are no potential damages to report at this time.

## AFFIRMATIVE CLAIMS

There are no affirmative claims at this time.

# SCHEDULE UPDATE

CTA is currently providing weekly 3-week look-aheads. The Town and building committee decided to move forward with updates and modifications to the main lobby; due to some lead times on material this resulted in a new substantial completion date of September 9, 2022. CTA is working on providing a fully updated CPM schedule for all to review.

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## CONSTRUCTION ACTIVITY

### Site:

Site work is on-going; import and export of material at the rear of site. Excavation at front of site for remaining utilities and prep for binder coat is on-going.

### Electrical:

Finish electrical is occurring on the third and second floors and apparatus bay. Rough electrical is on-going on the first floor and exterior. Transformer has been installed, main electrical room and sub electrical rooms are being built out.

### Exterior Work:

Secondary wall framing, plywood and AVB is on-going, Translucent panels are being installed, Metal roof and parapet are on-going. Brick is on-going should be complete next month. Geothermal loops have been tied in, manifold installation has been started. Shooting range has been installed.

### Steel:

Substantially complete.

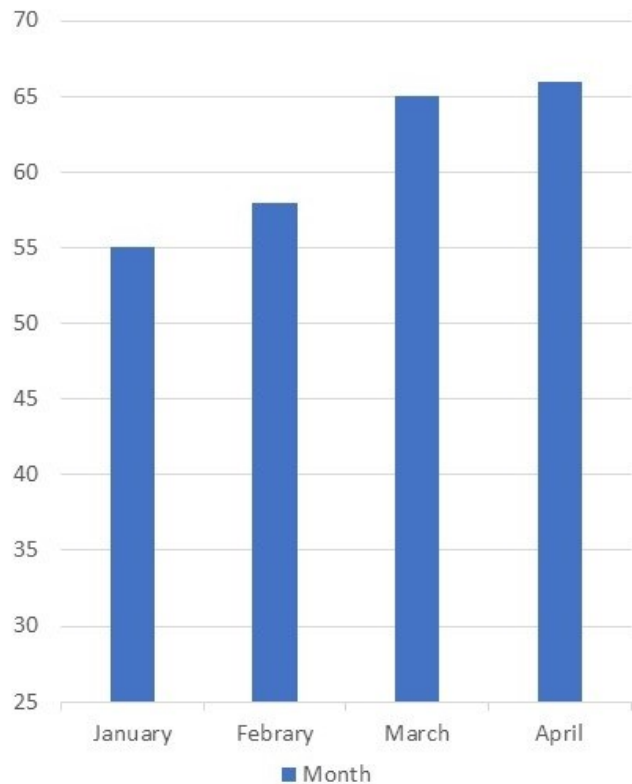
### Plumbing, HVAC, and Interior Work:

Finish plumbing and HVAC is on-going throughout the building. Painting is on-going throughout the building. Ceiling grid and tile is on-going throughout the building. Flooring has been installed in all mechanical and electric rooms. Tile flooring and walls is on-going on the second floor. Millwork is on going throughout the building.

### Safety:

CTA along with VERTEX have been ensuring on-site job safety.

### Average Daily Workforce



### Workforce:

The average daily workforce has been approximately 66 workers per day. The low for the month was 52 workers the high was 80 workers.

### Certified Payrolls:

Certified payrolls are coming in to Vertex from the sub-contractors. VERTEX will maintain copies, and review all certified payrolls and distribute to the Town.



01



Photo depicts the progress of the framing and insulating for the secondary walls.

02



Photo depicts the progress of the brick at the rear of police admin and sally port area.

03



Photo depicts the progress of brick, lower roof and parapet metal.

04



Photo depicts the progress of the brick and window installation at the apparatus bay along with the secondary wall framing and insulation.

# SITE DOCUMENTATION

05



Photo depicts the progress of the third floor finishes—Paint and ceiling grid.

06



Photo depicts the progress of the Second floor locker room wall tile.

07



Photo depicts the progress of dispatch.

08



Photo depicts the progress of the apparatus bay.

09



Photo depicts the progress of the apparatus support rooms.

10



Photo depicts the progress of the detention area.

11



Photo depicts progress of the metal roof.

12



Photo depicts the progress of the metal at sawtooth roofs on the apparatus bay with translucent panels installed.

# SITE DOCUMENTATION

13



Photo depicts the progress of the lower green roof.

14



Photo depicts the progress of binder prep at the rear of site.

15



Photo depicts the progress of binder prep heading towards the front of the site.

16



Photo depicts the progress of the shooting range.



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**Appendix A-01**

**APPLICATION FOR PAYMENT NO. 15**  
**(cover page only)**

# APPLICATION AND CERTIFICATE FOR PAYMENT

## AIA DOCUMENT G702

TO THE OWNER: Name: Town of Ashland  
 Address: Town Hall  
 101 Main Street  
 Ashland, MA 01721

PROJECT: Ashland Public Safety Building

CONTRACTOR: CTA Construction Managers, LLC  
 400 Totten Pond Road 2nd Floor  
 Waltham, MA 02451  
 Ashland Public Safety Building

CONTRACT FOR: VIA ARCHITECT: HKT Architects Inc.  
 24 Roland Street, Suite 301  
 Charlestown, MA 02129

APPLICATION NO.: 15  
 PERIOD TO: 4/30/2022  
 ARCHITECT'S PROJECT #: 03:15:21

Distribution to:  
 x OWNER  
 x ARCHITECT  
 CONTRACTOR

FROM CONTRACTOR: CTA Construction Managers, LLC  
 400 Totten Pond Road 2nd Floor  
 Waltham, MA 02451  
 Ashland Public Safety Building

CONTRACTOR: CTA Construction Managers, LLC

**CONTRACTOR'S APPLICATION FOR PAYMENT**  
 Application is made for payment, as shown below, in connection with the Contract Continuation sheet, AIA document G703, is attached.

1. ORIGINAL CONTRACT SUM \$ 22,145,000.00
2. Net change by Change Orders \$ 701,196.11
3. CONTRACT SUM TO DATE (Line 1 + or - 2) \$ 22,846,196.11
4. TOTAL COMPLETED & STORED TO DATE (Column G on G703) \$ 18,035,375.95

5. RETAINAGE:
  - a. 5% % of Completed Work \$ 901,768.79 (Column D + E + F on G703)
  - b. % of Stored Material \$ (Column on G703)

6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total) \$ 17,133,607.16
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (amount paid to date) \$ 15,406,573.15

8. CURRENT PAYMENT DUE \$ 1,727,034.01
9. BALANCE TO FINISH, INCLUDING RETAINAGE (Line 3 less Line 6) \$ 5,712,589

CHANGE ORDER SUMMARY	CO's	CCD's
Total changes approved in previous months by Owner	\$694,549.99	
Total approved this Month	\$0.00	
<b>TOTALS</b>	<b>\$694,549.99</b>	<b>\$6,646.12</b>
NET CHANGES by Change Order & CCD's	\$701,196.11	

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 Work for which previous Certificates for Payment were issued and payments received from the Owner and that current payment shown herein is now due.

By: *[Signature]* Date: 5/10/22  
 State of: MASSACHUSETTS  
 County of: MIDDLESEX  
 Subscribed and sworn to before me this 10<sup>th</sup> day of MAY 22  
 Notary Public: *[Signature]*  
 My Commission expires: 1-24-25

**ARCHITECT'S CERTIFICATE FOR PAYMENT**  
 In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect'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.

AMOUNT CERTIFIED \$ 1,727,034.01

(Attach explanation if amount certified differs from the amount applied for. Initial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

ARCHITECT HKT Architects Inc.

By: \_\_\_\_\_ Date: 5.16.22

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 or Contractor under this Contract.



Appendix A-02

# THREE WEEK LOOK AHEAD

Ashland Public Safety Complex  
3 week look ahead  
5/17/2022



	June																					
	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4	
	S	M	T	W	R	F	S	S	M	T	W	R	F	S	S	M	T	W	R	F	S	
<b>Project Meetings</b>																						
Owners/Arch Meetings			X							X							X					
Sub Coordination Meetings					X							X										
<b>Special Inspections</b>																						
PSI Soils Compaction (As Needed)																						
Town-Doug Scott/Steve Curtis/Chuck Dabritz		X	X	X	X				X	X	X	X					X	X	X			
<b>Mockup</b>																						
Metal Siding @ Gable and Bump Out - Complete																						
Final Review by HKT					X																	
Mockup Removal									X	X												
<b>3-Story Structure - Admin &amp; Holding Areas</b>																						
Sallyport - PCO # 88 Header Work										X	X	X	X									
Wall Support System		X	X	X	X	X																
Metal Siding Sheathing / Underlayment		X	X	X	X	X			X	X	X	X	X				X	X	X	X		
Install Fiber Cement Siding				X	X	X			X	X	X	X	X				X	X	X	X		
Install Metal Siding					X	X			X	X	X	X	X				X	X	X	X		
<b>Interior</b>																						
<b>Third Floor</b>																						
Install & Connect Radiant Panels		X	X	X	X	X			X	X												
Electrical Ceiling Finishes		X	X	X	X	X			X	X	X	X	X									
Electrical Wall Device Finishes									X	X	X											
Electrical FA Devices																	X	X	X			
Tel Data Finishes		X	X	X	X	X											X	X	X	X		
Above Ceiling Inspections																						
Install Ceiling Tile																						
Floor Prep & Installation (Follow Ceilings)																						
<b>Second Floor</b>																						
2nd Floor - Bathroom Floor and Wall Tile		X	X	X	X	X			X	X	X	X	X				X	X	X	X		
2nd Floor - Day Room & Kitchen Millwork					X	X			X	X	X	X	X									
Install & Connect Radiant Panels			X	X	X	X			X	X	X	X	X									
Electrical Ceiling Finishes																	X	X	X	X		



Ashland Public Safety Complex  
3 week look ahead  
5/17/2022



		June																				
		15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	1	2	3	4
		S	M	T	W	R	F	S	S	M	T	W	R	F	S	S	M	T	W	R	F	S
Epoxy Flooring (June - Start TBD)																						
<b>Apparatus Bay - Supportive Spaces and Mechanical Rooms</b>																						
Install Radiant Panels						X				X	X	X	X									
Board Ceilings & Walls				X	X	X				X	X	X										
Taping Walls & Ceilings										X	X	X	X					X	X	X	X	
Paint Walls & Ceilings													X	X				X	X	X	X	
<b>Site &amp; Utilities</b>																						
Set Grading - Binder Prep (South and West)					X	X	X			X												
Binder Pavement											X	X	X									
Site Cuts / Grading NE Corner (Old Trailer Area)			X																			
Hammer Ledge for Water Main & Retaining Wall - East						X	X															
Street Connection for Water Main Work										X												
East Water Main (CO Work)											X	X	X	X								
East Retaining Wall																	X	X	X	X	X	
Traffic Light Foundations (Complete)																						
Sawcutting for Traffic Trenching							X															
Traffic Light Trenching Work (June)																						
Wetland & Wetland Buffer Work (June)																						
Prep Site Pads				X	X																	
<b>Shooting Range</b>																						
Shooting Range				X	X	X	X			X												
<b>Antenna Tower</b>																						
Set Antenna Tower (To Be Finalized)																	X	X	X	X	X	
<b>Site Concrete</b>																						
Site Pads - Generator & Dumpster																	X	X	X	X	X	
Carport SOG																	X	X	X	X	X	
Site Walls																	X	X	X	X	X	

## NOTABLE CORRESPONDENCE

May 16, 2022

Ms. Paula Claridge  
24 Roland Street  
Suite 301  
Charlestown, MA 02129

Project: Ashland Public Safety Building  
Re: PR – 18: Addition of Photovoltaic System

Dear Ms. Claridge,

We have been informed by the electrical subcontractor, Wayne J. Griffin Electric (WJGE) that they are not interested in pursuing the additional work associated with the Photovoltaic System outlined in PR-18. Their withdrawal of interest is related to the current market volatility and probable delays with material procurement within the Solar Industry.

With WJGE's withdrawal of interest, CTA is unable to provide a price for this additional work at this time. The interior work associated with providing conduit and raceways for the PR-18 work was priced by CTA in PCO # 072. This work has not currently been authorized to proceed, but can still move forward if approved.

We understand that this change may not be ideal for Ashland. If the town is interested, CTA could put the package out on the street and pursue the work with other electrical subcontractors. Additionally, the Town could put this work out as a separate bid package. Please review this with Ashland and advise CTA how you would like us to proceed.

If you have any questions or wish to discuss this matter, please do not hesitate to contact us.

Respectfully,

CTA Construction Managers



Paul DuRoss  
Principal

CC: Jon Lemieux & William Nangle, Vertex  
Amy Dunlap, HKT  
CTA Team



## *Solar Firms Across U.S. Are 'Frozen' Amid Investigation Into China*

Plans to install 60 square kilometers of solar panels in Vermont are suddenly on hold.

In Maine, a solar farm that would power hundreds of homes is partly built but might not be completed.

And a project in Texas that would have powered more than 10,000 homes was weeks away from breaking ground but has now been postponed until at least next year.

Around the country, solar companies are delaying projects, scrambling for supplies, shutting down construction sites and

warning that tens of billions of dollars — and tens of thousands of jobs — are at risk.

The tumult is the result of a decision by the Commerce Department to investigate whether Chinese companies are circumventing U.S. tariffs by moving components for solar panels through four Southeast Asian countries.

Though officials have not yet found any evidence of trade violations, the threat of retroactive tariffs has effectively stopped imports of crystalline silicon panels and components from Cambodia, Malaysia, Thailand, and Vietnam.

These four countries provide 82 percent of the most popular type of solar modules used in the United States.

In a matter of weeks, 318 solar projects in the United States have been canceled or delayed, and hundreds of companies are considering layoffs, according to the Solar Energy Industries Association, which surveyed more than 700 companies in recent days.

Energy experts warn that the fallout is only beginning. A monthslong halt on imports from the four countries could have lasting ramifications for the multibil-

lion-dollar solar industry and for the Biden administration's ambitious goals to ramp up renewable energy development to combat climate change.

"The industry is essentially frozen," said Leah Stokes, a political scientist who studies climate at the University of California, Santa Barbara. "It's already leading to layoffs, to say nothing of the impact on our climate goals."

While the solar industry awaits a decision by the Commerce Department, renewable power advocates worry that time is ticking away. **DAVID GELLES**