

West Cambridge Gateway Projects

Cavendish III; Shared Facilities Hub and Infrastructure Projects

Issue 18 – February 2020



Welcome to the eighteenth edition of the Project Newsletter.

This Newsletter is not in its usual format as Bouygues UK the company have been experiencing some serious IT issues over the last few weeks, this has extended to our email systems too – apologies if you have been trying to contact us, we are working on resolving the issues and hope to be back in full communication with you shortly. If you need to talk to us urgently please call 07940 129331.

Around the Site

There are currently around 280 people on site daily. This figure includes those in the offices and out on the site.

Charles Babbage/JJ Thomson Roadworks

We will soon start some utilities works on JJ Thomson Avenue. This will again mean that we will have to close part of the footpath along JJ Thomson Avenue during the works, note the bus stops will remain unaffected.

These works will include sheet piling works, which could generate vibration. We will liaise with the adjacent neighbours (West Cambridge nursery, nearby residents, Cavendish II, William Gates and Clerk Maxwell buildings) closer to the dates in order to minimise their impact.

New Vet School Access Road

The base asphalt for the new road has been completed, we are now waiting for the connection with Madingley road before we complete the works in this area.

A query was raised during the last residents' and neighbours' meetings about the temporary foot / cycle path by the Vet School and if it will remain post works. Please note that this is a discussion that the University is having with the local planning authorities.

On the site

Concrete frame

We are continuing to work across all five wings of the Cavendish III and the Shared Facilities Hub building's concrete structures.

Site-wide, we are working on the “superstructure”, i.e. the structure above ground including columns, walls and slabs. The highest point is currently at level three of four which can now be seen above our site hoardings.

For the past couple of weeks, we have been prevented by high winds to start the next and final level; but watch this space as it is expected to start as soon as the winds calm down.

During the high winds we received a few calls of concern about the cranes moving when the site was closed, we would like to advise you that when the cranes are not in use we put them in a state of “free slew” (Free slew means the crane is free to rotate when out of service to avoid high loadings being placed on the crane structure and foundations from wind)

Vibrations

In the next few months, we have to do some works which will generate a higher than usual level of vibrations:

- Sheet piling at the eastern side of the Shared Facilities Hub (near JJ Thomson). They are now in place, but we will have to remove them. This dates for this are the 24th to the 29th February.
- Works on foundation raft. This will bring back heavy rollers in action. From experience, we know that they generate vibrations on the Vet School side. This is expected to be early March, we will confirm the dates nearer the time.

We will again liaise with the neighbours potentially affected by these works before proceeding.

Facades & Internal Trades

February has also seen the start the next stage of the works with Facades and internal trades commencing:

- Screeding - laying down a layer of cement to create a finished floor
- Blockwork - A wall or structure made of bricks or blocks (blocks of concrete, cement, or similar material)
- Curtain walling - A curtain wall is defined as thin, usually aluminium-framed wall, containing in-fills of glass, metal panels, or thin stone. The framing is attached to the building structure and does not carry the floor or roof loads of the building

The photos below was taken by the Drone on the 21st January- Image credit: Currie & Brown



Shared Facilities Hub (SFH)

Work continues at pace and we are now beginning level three of this building. SFH will be a central hub for the campus will provide more eating spaces, a café bar as well as meeting rooms and learning and teaching space.

Training – We undertake a lot of training on the site to ensure that everybody is safe – one type of this training is Crane Rescue, this involves site staff learning how to rescue an operative from the crane in the event of an emergency – during this we use an actual dummy mannequin to simulate a rescue – we will be undertaking this training on the 16th March – please do not be alarmed if you see the mannequin suspended from the crane.

Recycling Materials

We continue to fill up recycling bins located outside the main entrance to the site (opposite the Vet School). We tend to replenish these on a Friday afternoon with offcuts of wood, pallets etc. These are available to anyone who wishes to take them.

Corporate Social Responsibility

Charity

Our total fundraising for 2019 was:

Quiz Night 2019 for Alzheimer’s	Mar-19	2000.00
AECOM 100 Cycle ride for EACH	May-19	229.00
McMillian Morning Coffee	Sep-19	410.00
Pink Day – Awareness of Breast Cancer	Oct-19	102.00
Movember	Nov-19	500.00
Christmas Jumper Day	Dec-19	87.00
Total 2019		3328.00

We will let you know about our 2020 activities shortly.

Work Experience, Trainees, Apprentices & Graduates

On 13th February, the site successfully hosted the launching event for the Build UK Open Doors event, which is aimed at encouraging the young generations to pursue a career in construction. We were proud to welcome 80 guests for a presentation and a site visit.

We were also happy to shine a light on Elliot, Carolina and Sam, 3 of our graduates / apprentices / trainees, who shared with us their –sometimes unexpected - journey in the world of construction!



Carolina Alcantara

Assistant Management Accountant

2016 Trainee Programme

Being on the trainee programme has given me more opportunities to develop myself and work within different roles in Bouygues UK. Working as part of different teams, getting to know each individual and their different points of view and ways of working is very interesting, and you learn something new with each of them.

Every day is a new opportunity to improve myself. I have to be ready to face different challenges and work under stressful situations. However I think that working in construction is one of the best choices for developing your professional career as it offers lots of opportunities that will lead you to become a competent and professional person in your career.



Elliot Cooke

Graduate Civil Engineer

2019 Graduate programme

I love the variety of work. No two days are the same, and I really enjoy being involved in the full spectrum of challenges associated with constructing a building, and I've learnt lots of different things, having worked in two different departments.

The support from directors is amazing, especially my manager, and I genuinely feel like I'm being nurtured for a successful career through the company. My supervisor always has time to sit down with me and listen to my ideas about the works coming up ahead. I think other careers don't really offer the sense of "I did that" that you get after you finish a construction project, knowing you have created something that will change people's lives – especially in the case of Cavendish III. I think a career in construction can offer a young person an opportunity to help build a sustainable future for the rest of humanity.



Sam Brooks

Management Trainee / MEP production

2016 Trainee Programme

Being part of the trainee programme has provided me with the opportunity to work with, and learn from, many people with vast experience from within the industry. By working with different line managers I've also gained an understanding of different ways to manage situations. I have gained knowledge from them and their experience, and have learnt to adapt my management style to get the best out of people.

I've also learned that without working as a team it would be impossible to successfully deliver, not only your team's packages but, the whole project.

Being part of Bouygues UK, and its global strength and opportunities, is very exciting, as are the opportunities to progress into management and work my way up 'the ladder'.



We continue to promote opportunities on the site and we are delighted to be working with a range of local organisations in order to promote opportunities.

Some of the organisations we are or will be working with include:

- Form the Future;

- Women in Construction;
- Cambridge Regional College;
- Anglia Ruskin University;
- as well as the University of Cambridge itself.

If you know of someone interested in construction who would like to be considered for a placement on the project, please get in touch.

Residents' & Neighbours' Meetings

We hosted two of our residents at our January meeting / site visit. Thank you for taking the time to come along.

The next meeting is a breakfast meeting on the 16th March at 8am, this meeting will be held on site – please use the entrance close to the VET School.

As ever, there will be also other opportunities for you to come and see what we get up to in the future.

Considerate Constructor Scheme

The Project is being audited again in 2020 by the CCS (Considerate Constructors Scheme), this year we are focusing on innovations in the categories of:

- Care about our Appearance
- Respect the Community
- Protect the Environment
- Everyone's Safety

We work closely with the local Considerate Contractors representative, Nick Milne, who is contactable via Cambridge City Council.

If you do have any issues please do let us know. We will always try our best to come up with a solution to the problem.

Project Programme

Site Programme and Occupation:

Shared Facilities Hub Construction – Mid-2019 to Early 2021

Cavendish III Construction – Late 2018 to Mid-2022

Infrastructure – Late 2018 to Early 2022