

# Tindal Square and Market Road Project Update



Transforming Tindal Square:  
Public Realm Improvements

## Bulletin No. 12

22<sup>nd</sup> July 2022

### Contractor Details:

**Tindal Square** – Dyer & Butler

**Market Road** – Marlborough Ltd

**Project Manager** – Rob Venables/Phil Cowland

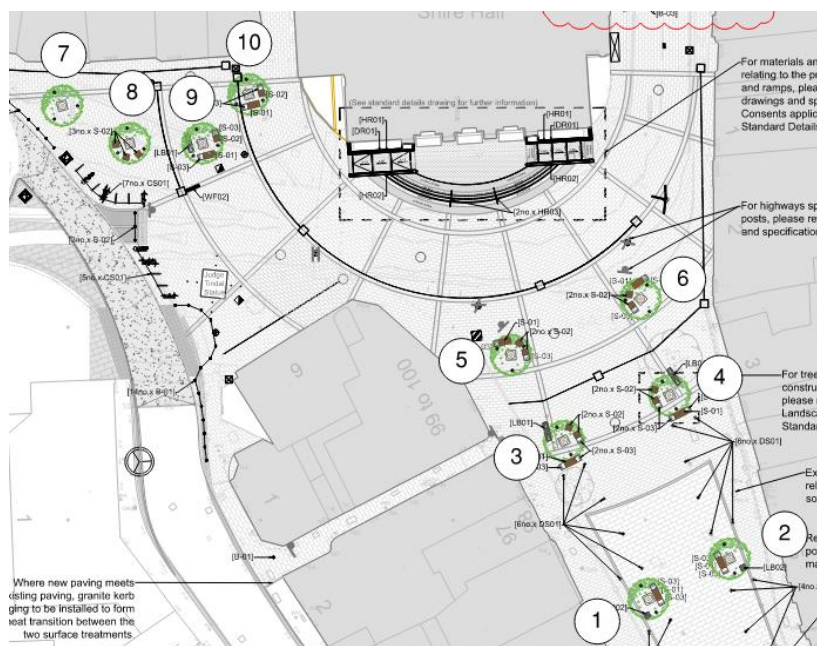


### Latest Achievements:

#### *Tindal Square*

The following has been accomplished since the last update:

- Installation of the tree pit crates for tree three has been completed, with excavation of tree four underway.
- Completed the re-paving of the central area between Crown Passage and 4-5 High Street (Natwest)
- Completed the installation of the underground access chamber in the Shire Hall area with backfilling the surrounding area with concrete.
- Completed the underground works associated with the installation of the utility chambers for lighting and power supplies in the High Street.
- Completed the excavation of the trench required to divert gas mains outside Shire Hall.





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### Next steps:

#### *Tindal Square*

Over the next two weeks we will:

- Continue to install the tree pit crates for tree four, as well as beginning the excavation for trees five and six.
- Install the drainage layer to the four trees located outside Shire Hall (trees seven to ten) and commence with the tree pit crate installation for these trees.
- Progress with the underground installation of the utility chambers for lighting and power supplies in the High Street.
- Diversion of existing gas mains which will be carried out by Cadent.
- Install a new CCTV cabinet to Shire Passage
- Extend the repaving of the High Street northwards, covering the areas four to six (outside 92 to 94 High Street and Natwest) and progressing into area seven with access to businesses being maintained at all times.





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### *Tindal Square*

#### *Construction and the heat*

Whilst the warm summer weather can be glorious for us to all enjoy, in construction this can present a myriad of issues that we have to navigate when completing the improvement works for the project.

For workers the main issues are dehydration and heat exhaustion as periods of exposure to the sun and heat. The work itself is very physical which causes the body to produce more heat, which combined with the added safety protection equipment they are required to wear and use can cause temperatures to feel unbearable. To mitigate this we ensure all workers are hydrated and have rest periods in the shade where they can remove the safety protection equipment to cool down. Limiting work during parts of the day where temperatures hit their peak is also essential.

Freshly poured concrete is susceptible to excessive damage when being poured in this weather. Direct sunlight causes water to evaporate from the concrete prematurely and as a result concrete will not have enough time (and water) to strengthen its structure before it dries out. As it dries out quickly, this makes it very difficult to work, which also leads to reworking at a later date if it sets at too high a level and cannot be worked back down in time. A lot of concrete pours have been suspended this week, which has the inevitable result of an excess of ordering when the weather settles back down which the concrete plants struggle to fulfil – making the catching up process quite difficult.

Once the works are complete the new trees installed to the area will help provide shade and cool spaces for everyone to enjoy. Trees have been proven to lower temperatures by up to 12 degrees in urbanised areas, as the crown and leaves of the trees prevent the sun's rays from hitting the pavement and increasing the heat.





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## ***Tindal Square – Safe walking routes***

The diagram below shows the safe walking routes over the next fortnight whilst the works to the central and northwest parts of the work area are completed. Please note access to businesses will be always maintained.



For further information regarding the project please visit:

[www.essexhighways.org/tindal-square](http://www.essexhighways.org/tindal-square)

For general enquiries please email: [tindalsquare@chelmsford.gov.uk](mailto:tindalsquare@chelmsford.gov.uk)