



Transportation Conference
10 – 13 March 2020

Traffic Management or People Management?

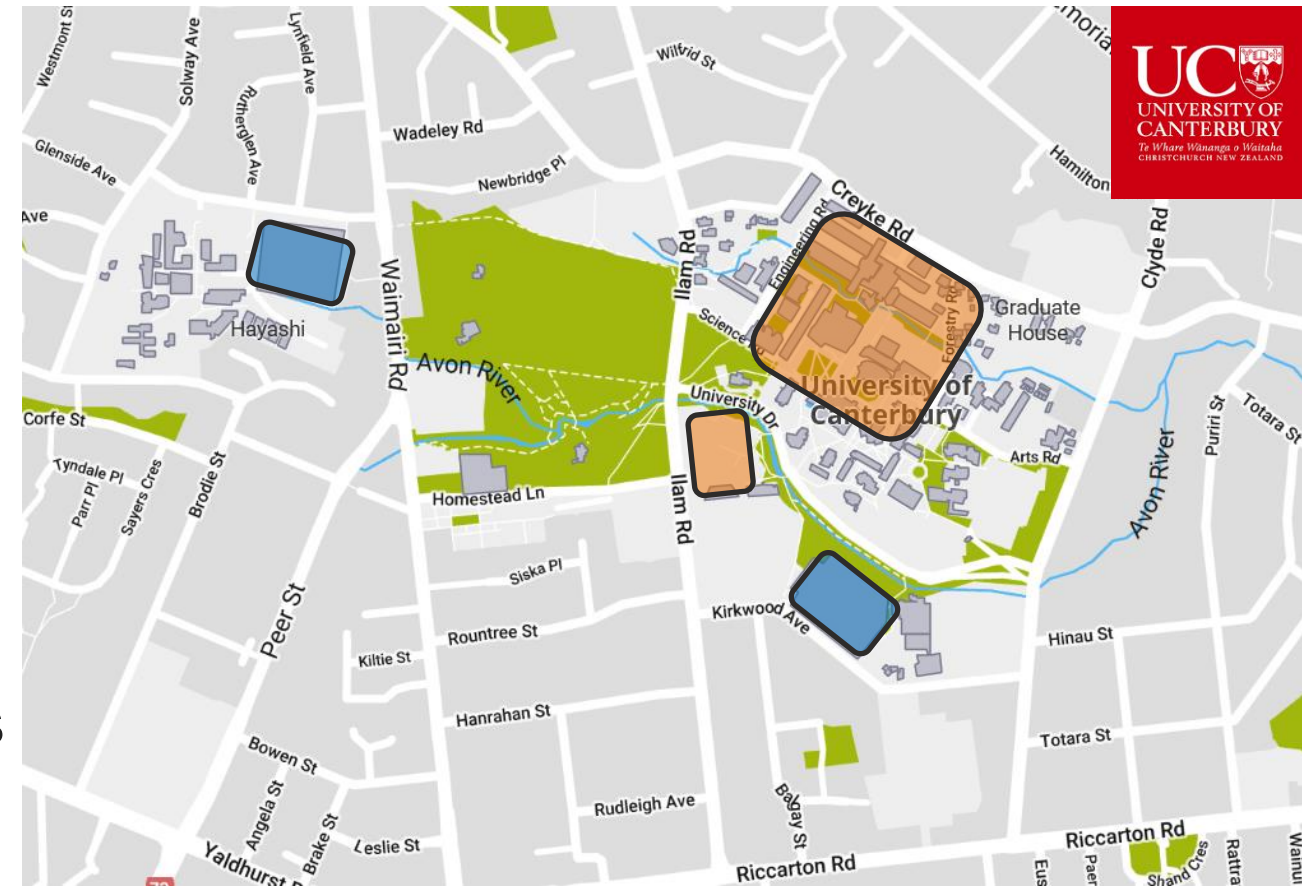
Melanie Muirson

The Site and Environment

- University of Canterbury Campus

Internal Factors:

- Earthquake remediation of existing buildings
- Demolition of earthquake damaged buildings
- Rebuild of new buildings
- Student numbers reduced to approx. 12,000 FTEs on campus + 1,900 Staff
- UC maintained all lectures and labs on campus (decanted to temporary or other buildings)

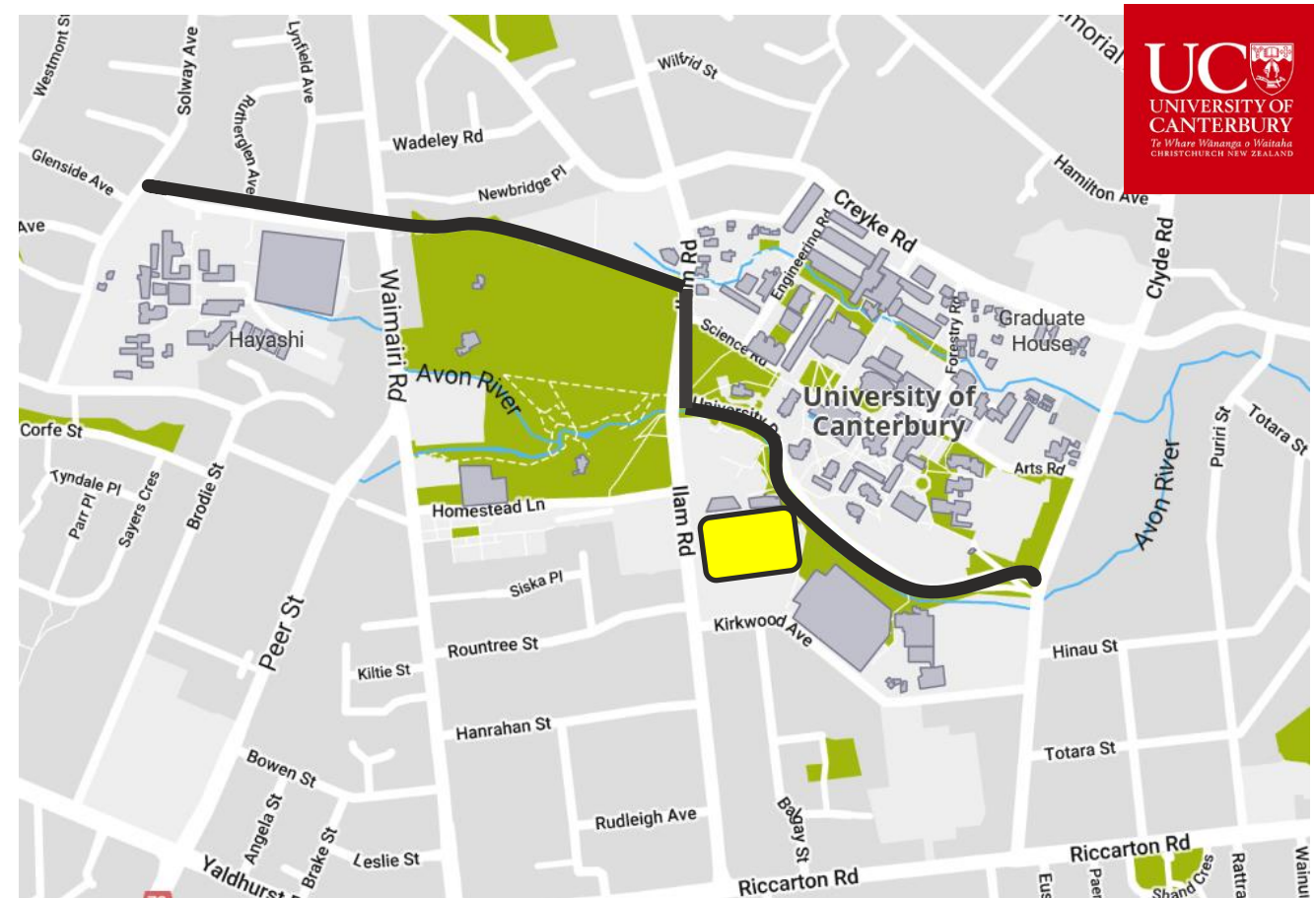


The Site and Environment

- University of Canterbury Campus

External factors:

- SCIRT Infrastructure rebuild works on roads around the campus
- CCC Uni-Cycle MCR constructed 2016/17
- Ilam Primary School next door
- Located in a residential area





Impact on the Campus

- Large work sites established with hoardings
- Between 300 and 1,000 construction staff on campus
- Generating 100's of light vehicle movements and up to 200 heavy vehicle movements per week
- Large concrete pours generated between 200-300 concrete trucks per pour
- Restricted access to remaining buildings especially for pedestrians, cyclists and mobility impaired



The UC Crane
@uccranefanclub

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Razor wire to stop uni students climbing big cranes

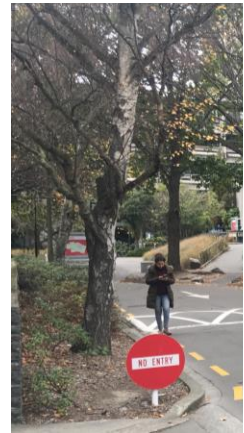
Jody O'Callaghan · 16:43, Sep 25 2015



CARYS MONTEATH/FAIRFAX NZ

The University of Canterbury has been forced to put razor wire around the base of cranes working on campus after students were caught climbing them.

Canterbury University is using razor wire to stop adventurous students climbing construction cranes on campus.





Mitigation Measures

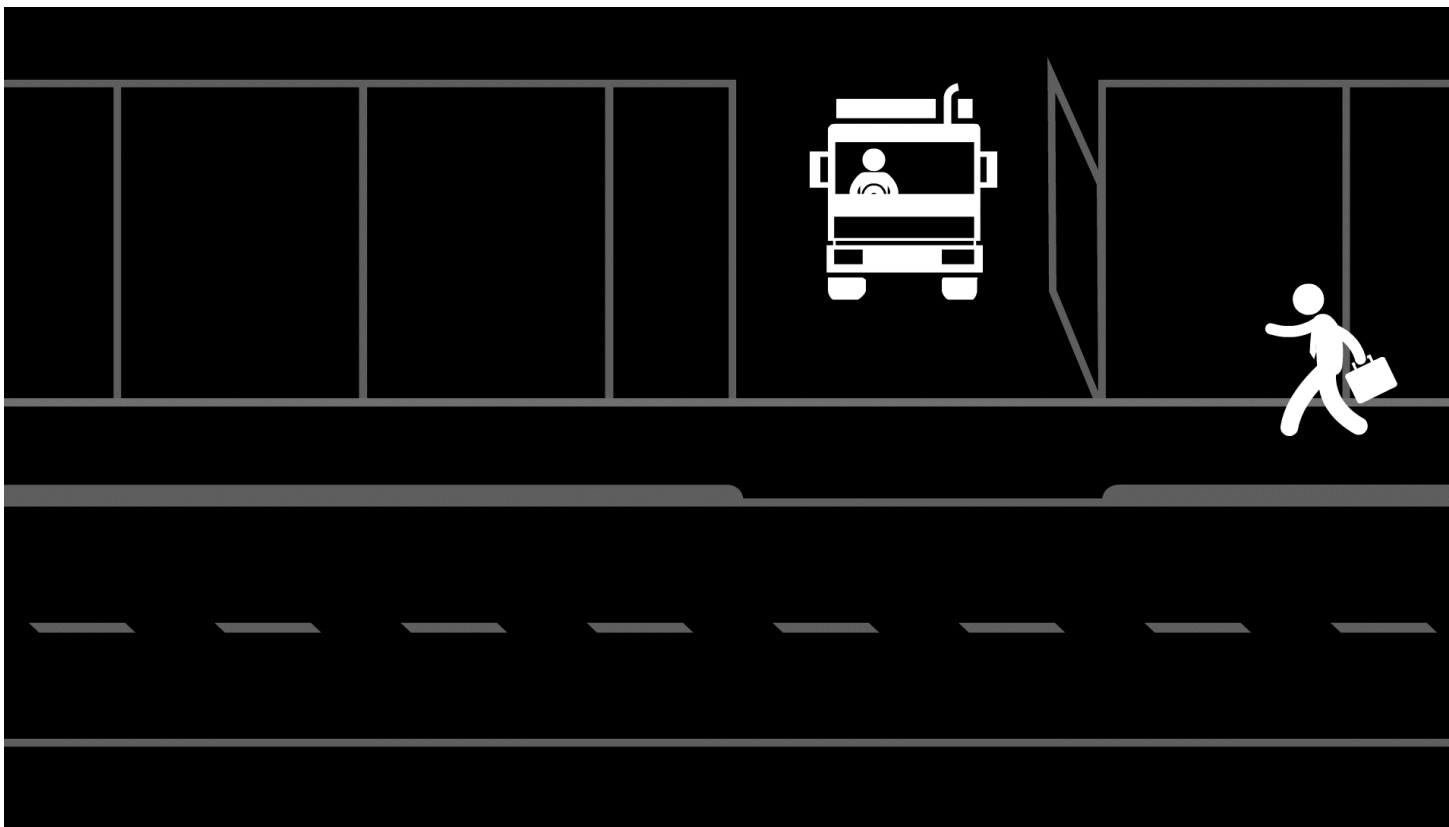
- Widened existing footpaths and cycle paths with fencing in higher risk areas
- Created accessible paths around the sites
- Temporary Wayfinding
- Speed Management - 10km/h TSL and traffic calming
- Installed hoardings and secure site access points
- Security – additional CCTV, lighting



Mitigation Measures

Communication

- H&S campaigns e.g. Mums & Dads & Think First
- Using UC's social media channels, apps, website and communications to staff and students



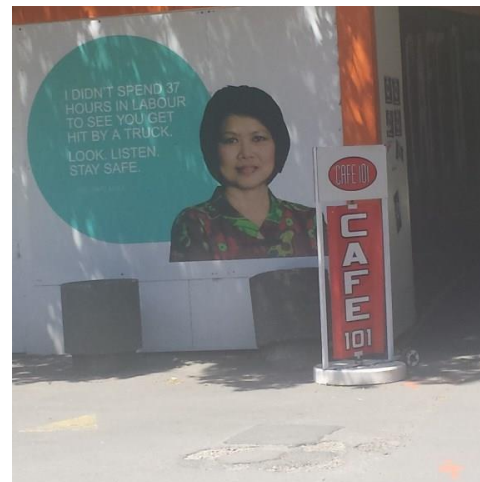
Turn down the volume.

Think first.



Watch where you're going.

Think first.





Key Messages

- Require understanding of the environment and human factors – who is going to be affected?
- Take a holistic view
- Proactive project planning for TTM
- Clear communication strategy is essential
- Created a suite of measures together with TTM that has successfully enabled delivery of major construction projects within an active university campus
- Application for other tertiary / education campuses, hospitals etc.



Thank You