

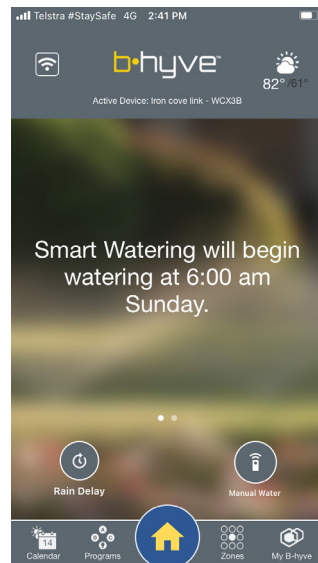
Automated Sprinkler System

The Rozelle Interchange Project has implemented an innovative solution at the Iron Cove Link site by installing an automatic dust management system that can be remote controlled from any smart device. The system has brought benefits specific to the highly constrained Iron Cove Link site as well as social, environmental and economic benefits.



The Innovation

The technology, produced by Orbit, allows the user to program and control the B-hyve sprinkler system automatically and remotely from any smart device. It provides smart watering, total control, real time updates and calendar scheduling. This eliminates the need for additional water carts, provides access to areas that can't be accessed by vehicles resulting in better application and enables a faster reaction time to changing conditions while reducing people plant interaction and minimising fatigue.



The Benefits

Environmental:

- Reduced greenhouse gas emissions due to elimination of a water cart from site
- Reduced water consumption due to better application and spread

- Usage can be scheduled in advance. Especially useful during understaffed periods such as long weekends and shutdown periods

Social:

- Less noise for nearby residents due to not using a water cart
- Less people and plant interaction, reduction in fatigue
- Faster than implementing traditional systems during changing conditions such as dry weather and heavy winds

Economic:

- No water cart required, reduced workforce required
- Automatic and remote, automated system is effective in areas the water cart can't access, minimising delay and reaction time.

Supplier Details

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