
# Real-time Dynamic VMS Messaging

Delivering positive experiences for road users is critical in maintaining a social licence to operate and can provide direct productivity benefits by lower traffic volumes around a project. One of Mooven's major utilities is the ability to provide dynamic and real-time journey times and route recommendations through VMS boards.

**WBHO Australia** worked with **Mooven** to implement an innovative VMS solution that successfully streamlined their worksite, minimised the effect on community and shaved 5 weeks off their project delivery time.

**Contact Us**

## Challenge

WBHO Infrastructure works with clients and partners to deliver exceptional project outcomes throughout Australia and globally. One such project was the Princess Freeway-Forsyth Road interchange, part of the Western Roads Upgrade initiative in Melbourne. This project required WBHO to widen an existing bridge over the Princess Freeway, and duplicate a bridge over a major metropolitan railway line all while minimising the significant impact to the community.


## Solution

WBHO approached Mooven to assist them in creating a best route strategy, that prioritised different routes dynamically directing traffic to them based on driver location and the congestion of the detour options. Achieved results include:

- 50% reduction in total project time from 10 to 5 weeks
- Improved worker safety
- No public complaints
- Delivered within budget with no nasty surprises

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# How did WBHO do this?

**Mooven** provides real-time visibility of traffic flows to help you manage construction activity, maintenance works, manage the roading network and share insights where needed. Monitoring can be setup in minutes, turned on and off as required and doesn't require any hardware to get started.

### Live Journey Times

Displaying live journey time advice helps road users make informed decisions and reduces negative feedback.

### Dynamically Recommend Detours

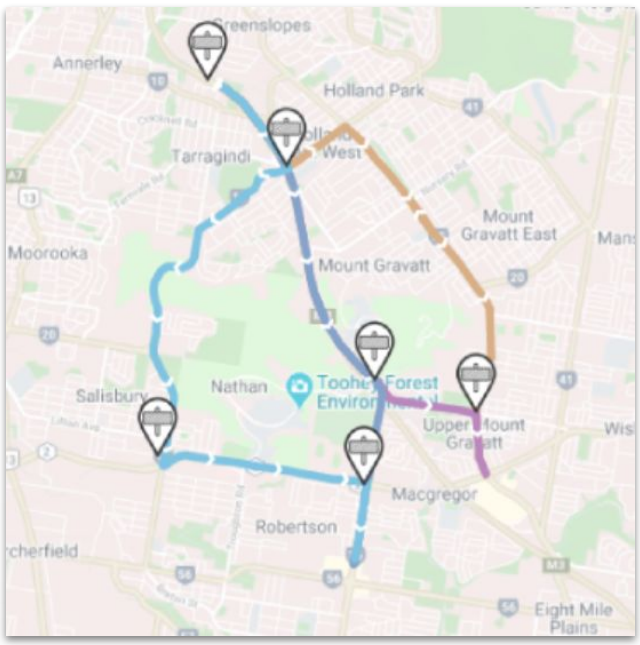
Using a single detour can often result in severe congestion and other unintended consequences. Create a range of detour options and redirect users based on the quickest option.

### Adaptive Speed Warnings

Pulling the average speed of any route you monitor gives you the capability to update your VMS messaging entirely based on drivers behaviour. If speeds are exceeding acceptable levels, trigger a change in message.

**Process**

1. Develop a monitoring plan
2. Map out a VMS board strategy
3. Create rules around optimal routes and when detours switch
4. Configure the boards
5. Display adaptive messaging custom to your site
6. Manage your project live to optimise delivery and adjust as required




**Setup in minutes**

**No Hardware Required**

**Proactive Alerts**

**Queue Monitoring**

**Dynamic Travel Advice to VMS**

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