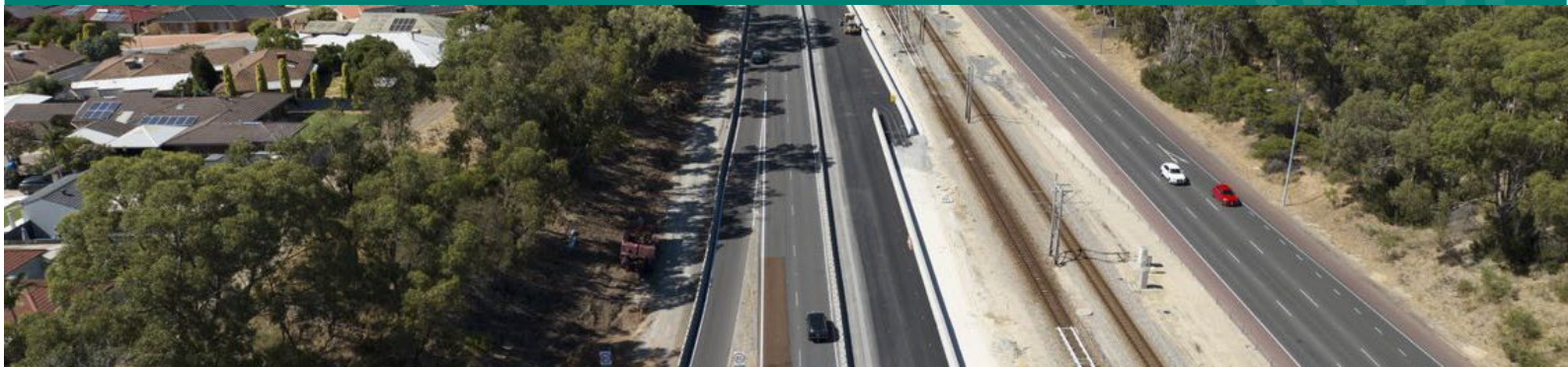


# Smart Freeway Mitchell Southbound: Hester Avenue to Warwick Road



## Construction update - Hepburn Avenue to Warwick Road

### Design for noise walls and Principal Shared Path

The designs for the noise walls and PSP have progressed, with changes made in an effort to minimise the removal of vegetation where possible.

An example of the designs between Hepburn Avenue and Warwick Road is overleaf. Maps showing the whole project alignment are available via [www.mainroads.wa.gov.au/smart-freeways](http://www.mainroads.wa.gov.au/smart-freeways).

### Upcoming night works

The following works need to be undertaken at night, **between 8pm and 5am**, for the safety of workers and road users, and to avoid disruption to day-time traffic flows.

Given the type of works and equipment required, nearby residents may experience some construction noise and vibration. All works will be undertaken in accordance with the Environmental Protection (Noise) Regulations 1997.

### Mitchell Freeway resurfacing

Resurfacing works are required along the left and centre lanes of Mitchell Freeway southbound between Ocean Reef Road to Reid Highway.

The night works will be staged in two-kilometre lengths over the next four months.

Each stage includes temporary removal of road barriers, removal of existing road pavement, and the application of new dense grade asphalt with a final asphalt layer to be applied later.

The works between Hepburn Avenue and Warwick Road have been under way from **Sunday 12 March**, with expected completion of dense grade asphalt by **Wednesday 29 March**.

### Traffic management installation

Works are required along Hepburn Avenue southbound on-ramp and the freeway (adjacent to Kanangra Avenue and Darnley Avenue) in March and April.

From **Sunday 26 March** until **Friday 1 April**, traffic management will be put in place to progressively shift traffic onto new temporary lanes closer to the median. Line marking will be adjusted to realign traffic to the new temporary lanes, including removal of redundant line marking.

A road barrier will be installed along the left lane to create safe workspaces for construction within the verge.

From **10 to 17 April**, the Hepburn Avenue southbound on-ramp will be closed to traffic for one week (day and night) to allow asphaltting works for

the new additional lane from Hepburn Avenue to Warwick Road to be completed.

More information on these works will be provided to nearby residents later this month.

### Noise walls

Installation of footings for two noise walls adjacent to Buchanan Avenue (near Strathaven Crescent) has begun, with 45 of 167 footings completed.

Noise wall footings are required every four metres and constructed using an augur (corkscrew) drill. The drilled holes are filled with a steel reinforced cage and concrete.

Works to install footings for the second noise wall along Buchanan Avenue (near Kilrenny Crescent) will commence in July.

Noise wall works will commence adjacent to Kanangra Crescent and Darnley Avenue in August.

Installation of the posts and panels for the noise walls will then follow.

As part of noise wall construction, a limestone access track will be built to provide a stable base for the required plant and equipment. In some areas this track will be close to homes, and plant will be seen from properties.

The works will take place during the day and involve the use of chainsaws, excavators, and mulching equipment.

### Civil works

During March, drainage work commenced along Mitchell Freeway southbound between Warwick Road and Liwara Place, where future signage and a retaining wall will be built.

Installation of 300m of conduit is also required in the area before retaining wall works commence.

Construction of the retaining wall along the Freeway, adjacent to Darnley Avenue, is 93 per cent complete, with 8449 of the 9084 blocks installed. Once completed, works on the second retaining wall (almost 5200 blocks) will begin.

### Additional overhead electronic signage

Three overhead electronic signs have been added to the scope of works for the Smart Freeway project.

The three signs will be located along Mitchell Freeway southbound adjacent to Warwick Road southbound off-ramp and on-ramp, and the Warwick Station carpark.

The additional signs will assist in guiding traffic to exit Reid Highway if an incident has occurred further south on the Freeway.

### Managing impacts

While every effort will be made to minimise impacts, nearby residents may experience some noise, dust, and vibration given the type of works required.

The majority of works will be completed during normal construction hours, Monday to Saturday from 7am to 7pm. Residents will be notified in advance of any works required outside of these hours.

All works will be undertaken in accordance with the Environmental Protection (Noise) Regulations 1997.

Residents may feel intermittent vibrations from construction activities.

A Vibration Management Plan is in place and is used to regulate and manage vibration generated by the construction activities.

Water trucks are used daily to manage dust along the project alignment. Dust may be visible while dirt is excavated or on particularly windy days - water sprayer usage is increased in such situations. Dust monitors are set up along the alignment to ensure we remain under regulatory levels.

Mesh is also on fencing to assist with dust mitigation. There were some areas where the mesh needed to be removed due to strong winds. In these areas the fencing will be reinforced, and the mesh replaced in upcoming weeks.

### FURTHER INFORMATION

Our 24/7 project information line can be contact on 138 138 or email [enquiries@mainroads.wa.gov.au](mailto:enquiries@mainroads.wa.gov.au).

### REGISTER FOR UPDATES

To stay up to date on progress and traffic changes, you can subscribe to regular updates [www.mainroads.wa.gov.au/projects-initiatives](http://www.mainroads.wa.gov.au/projects-initiatives), search for Smart Freeway Mitchell Southbound and click **SUBSCRIBE**