

Wells Road - Boundary Road duplication Springvale Road, Aspendale to Governor Road, Mordialloc

Timetable

The total project will be built in two stages:

- Springvale Road to Bowen Road - expected completion late 1988
- Bowen Road to Governor Road - expected completion mid 1990
- New bridge over Mordialloc Creek - expected completion late 1989

Estimated costs

Total estimated cost (1988 prices) is \$4.4 million, which consists of:

- Springvale Road to Bowen Road - \$1.3 million
- Bowen Road to Mordialloc Creek - \$1.6 million
- New bridge over Mordialloc Creek - \$0.8 million
- Boundary Road: Mordialloc Creek to Governor Road - \$0.7 million

Considering the environment

The road improvements have been designed to blend in with the local environment.

The roadscape will incorporate the following:

- Tree planting to reinforce and complement existing species;
- Preservation of the existing character of the area.

Major advantages of tree planting will be erosion control, reduction of headlight glare and visual appeal.

Who to speak to

The RCA is constructing these major projects with the aim of improving conditions for the community. If you wish to discuss any aspect of the project, or have access to design plans, you can contact the:

**Regional Manager,
Dandenong Region,
360 Whitehorse Road,
Nunawading, 3131,
telephone 03 875 4000.**

For material on other RCA projects and activities, contact the:

**Corporate Affairs Office,
RCA, 60 Denmark Street,
Kew, 3101,
telephone 860 2880.**

RCA

Road Construction Authority

Cover: Traffic on the bridge over Mordialloc Creek.

Wells Road - Boundary Road duplication



RCA
Road Construction Authority



City of Springvale

Springvale Road, Aspendale to Governor Road, Mordialloc

Project Information Brochure

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Coping with 100,000 vehicles a day

Travelling north and south on roads in the rapidly expanding Chelsea - Mordialloc area these days can be a gruelling experience

Traffic counts show that approximately 100,000 vehicles a day use the major arterial roads in this area - and consequently the need to relieve the congestion created by this many vehicles is essential.

One problem area is where the Mornington Peninsula Freeway connects to Springvale Road: traffic here currently divides between the busy Springvale Road and Wells Road/Boundary Road.

Wells Road : the project

The work will involve constructing a 3.6km four-lane divided road including a new duplicate bridge over the Mordialloc Creek.

Land has already been purchased for the project by the City of Springvale and major services have been relocated. The proposed upgrading was originally developed by the City of Springvale and the RCA is now responsible for the project design and construction. The duplication between Springvale Road and Bowen Road is being constructed under contract by Apex Quarries Ltd.



Work on the project.

Springvale Road is a four-lane duplicated route extending from the freeway to Mitcham Road.

Wells Road directly links up with Boundary Road and forms part of a major route for traffic travelling between Frankston and the Mornington Peninsula and the eastern suburbs.

Currently the RCA is duplicating Wells Road between Springvale Road and Governor Road.

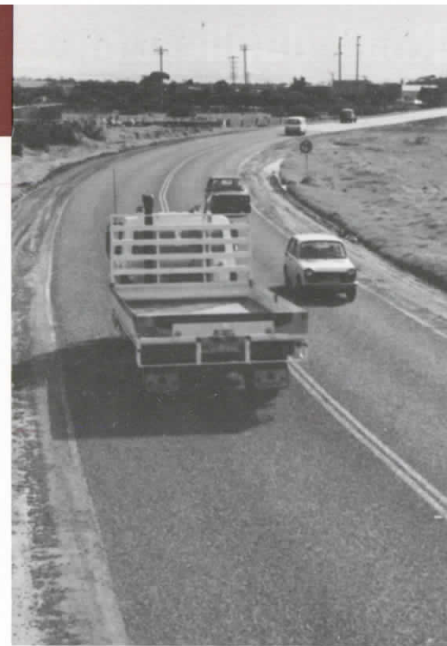
It is estimated this important route will be fully duplicated by early 1990 and this will greatly improve traffic flow and road safety.

Planning ahead

Wells Road is one of the many improvement proposals outlined in the State Government's Melbourne's Arterial Road Strategy (METRAS).

Benefits of the Wells Road and the Boundary Road duplication projects are many:

- they will provide improved access to the industrial and residential development taking place in the Mordialloc area;
- they will provide improved driving conditions for motorists travelling between Mornington Peninsula and the eastern suburbs;
- they will help ease traffic congestion on Springvale Road and also the Nepean Highway between Chelsea and Mordialloc;
- they provide a staging for the longer term, possible future extension of the Mornington Peninsula Freeway to the Dingley Freeway.



Wells Road.

The hard facts on a new road building method

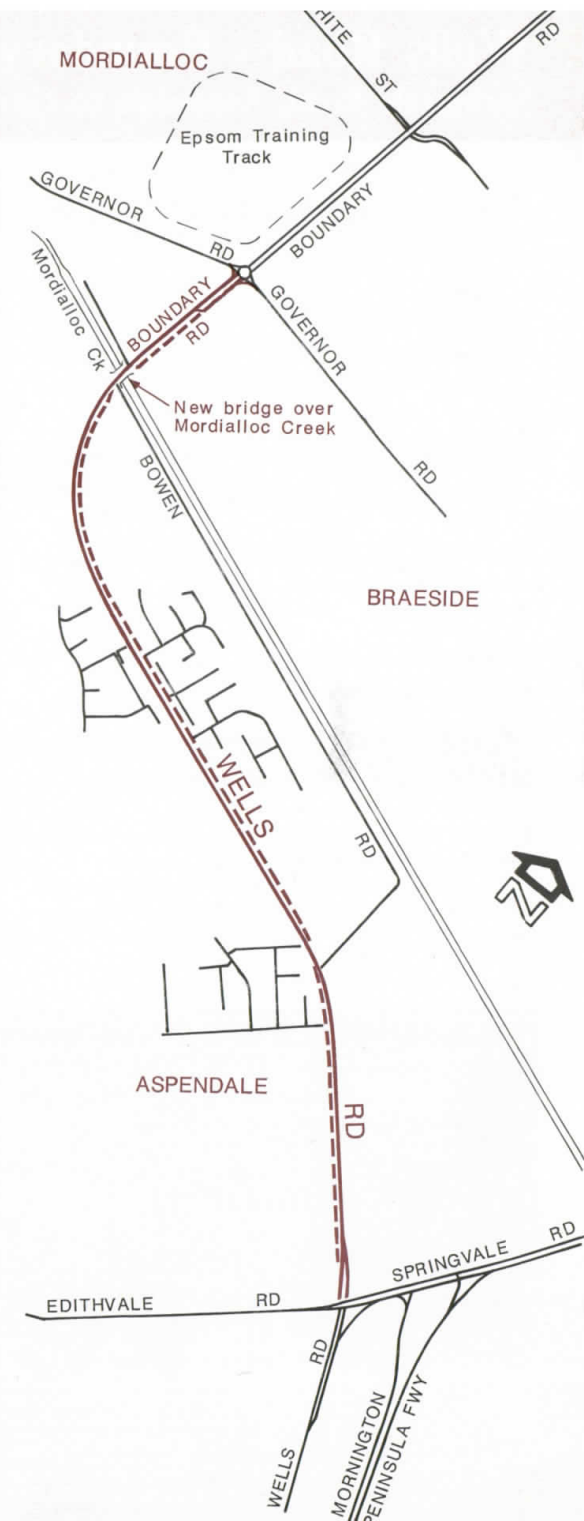
The RCA will use a new method of road building during the construction of the Wells Road duplication.

The road pavement between Springvale Road and Bowen Road will be built using Roller Compacted Concrete.

This method of road construction, which will be on trial, is relatively new to Australia although a similar process was used to build airfields during World War 2.

Basically, the material consists of a high content of cement blended with crushed rock. It is placed on the road surface by a special paver machine and then compacted using vibrating rollers.

The use of this material will be assessed by the RCA both during construction and by monitoring the finished pavement.



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