

Southern route technical investigation group

Brief

The brief of the technical investigation group is to:

- Develop an indicative route bypassing Berry to the south with sufficient information to produce a robust strategic cost estimate.
- Use its best endeavours to:
 - Optimise the southern route to minimise property impacts and land severance
 - Engineer a cost effective southern route solution
 - Apply any benefits found on the southern route to the northern route where applicable, and vice versa.
- Evaluate the southern bypass route by comparing it to the current northern preferred bypass route within the context of the whole Foxground and Berry Bypass (FBB) Princes Highway Upgrade

Participants

| Organisation | Roles |
|-----------------------------------|--|
| Roads and Maritime Services (RMS) | Managing the work of the group. RMS road design engineers, geotechnical scientists and other personnel are assisting with the development of the southern route. |
| Evans & Peck | Assisting in developing the construction methods, sequencing and scheduling. Preparing the cost estimate. Collating information and preparing the report on the outcomes from the technical investigation group. |
| AECOM | Investigating and assessing the impact of flooding and climate change. Assessing existing geotechnical information to support route development. Developing the southern route horizontal and vertical geometry. |
| Aurecon | Examining the designs prepared and peer reviewing the adequacy of bridging structures. |
| Peter Stewart Consulting | Assisting in developing the construction methods, sequencing and scheduling, review of design and construction of routes. |

Meetings

The group holds progress and coordination meetings at approximately weekly intervals or when required.

Outcomes

The outcome of the technical investigation will provide information to evaluate the cost feasibility of a bypass route to the south of Berry.

Strategic (outline) design

A preliminary design of bypass route to the south of Berry will be produced. This design will be of a sufficient level to allow comparison with the northern preferred option. It will provide outline information on earthworks, pavement, bridge structures and other key items.

Outline construction methodology, sequence and programme (schedule)

A construction methodology and programme will be developed based on the strategic design. This will provide an indication of the duration of construction and the resources required during construction.

Strategic cost estimate

The design and the construction methodology and programme will be used to build a strategic cost estimate.

Comparative report

The report will contain the results of the technical investigation group's work on the strategic design and cost estimates for the southern route and current northern preferred route. It will be made publicly available.

Review

RMS has a number of people on the technical group that are providing additional internal peer review to the team. They are not part of the original design work. They are solutions driven.

RMS will seek review from RMS senior design managers who are not a part of the study team, to challenge and interrogate the findings.