

Flooding

Foxground and Berry bypass Princes Highway upgrade



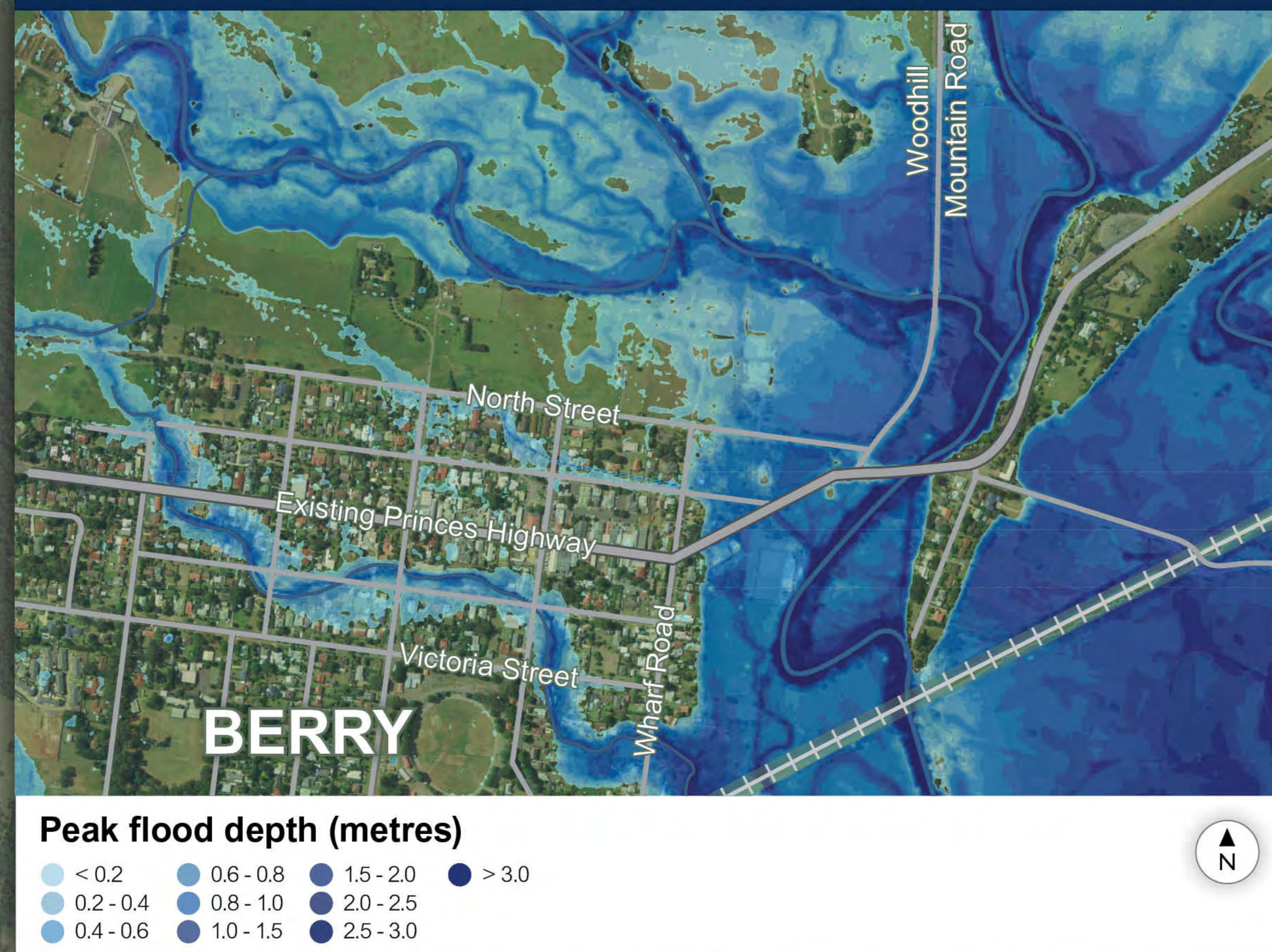
Transport
Roads & Maritime
Services

NOVEMBER 2012

ENVIRONMENTAL ASSESSMENT

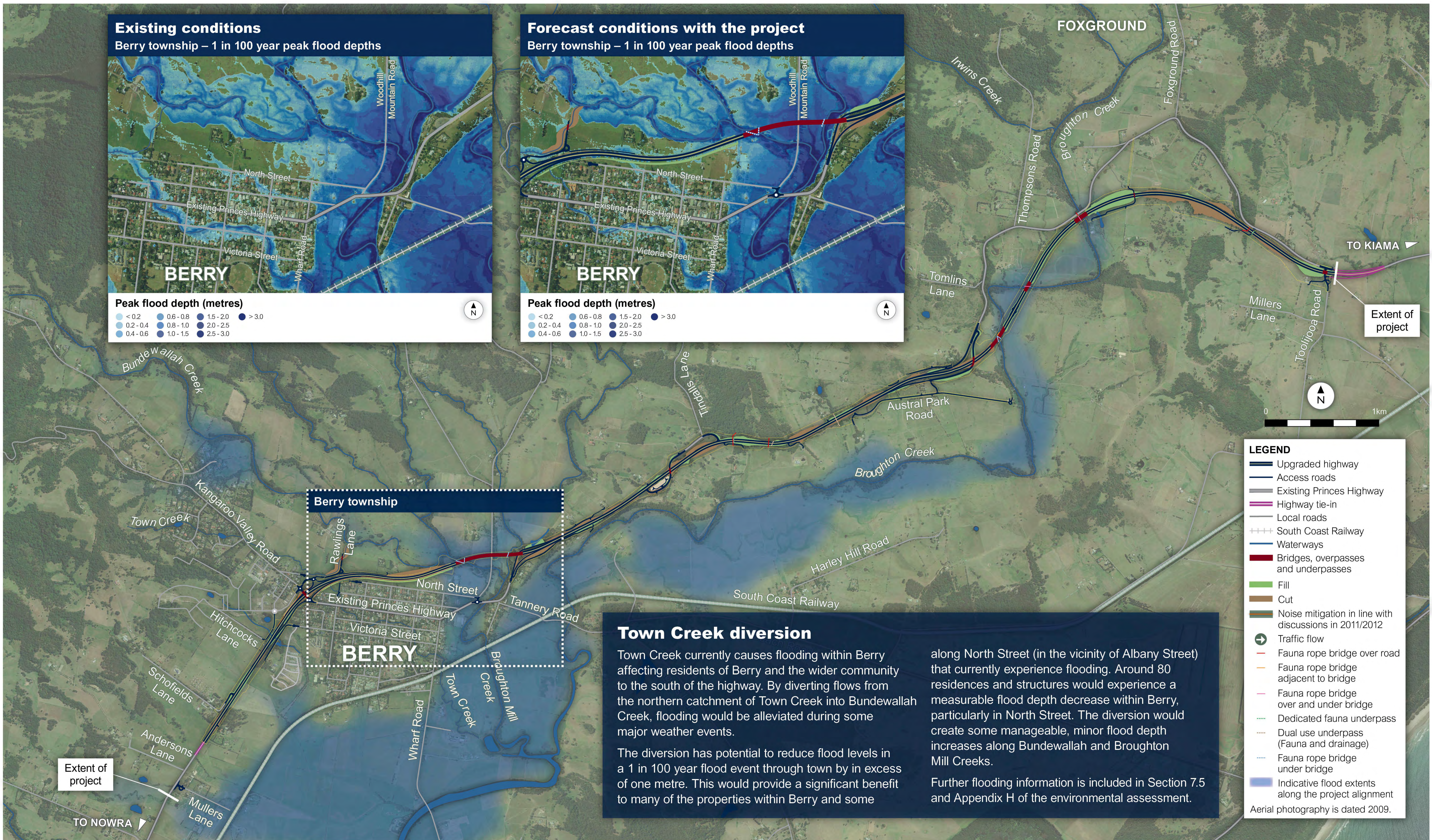
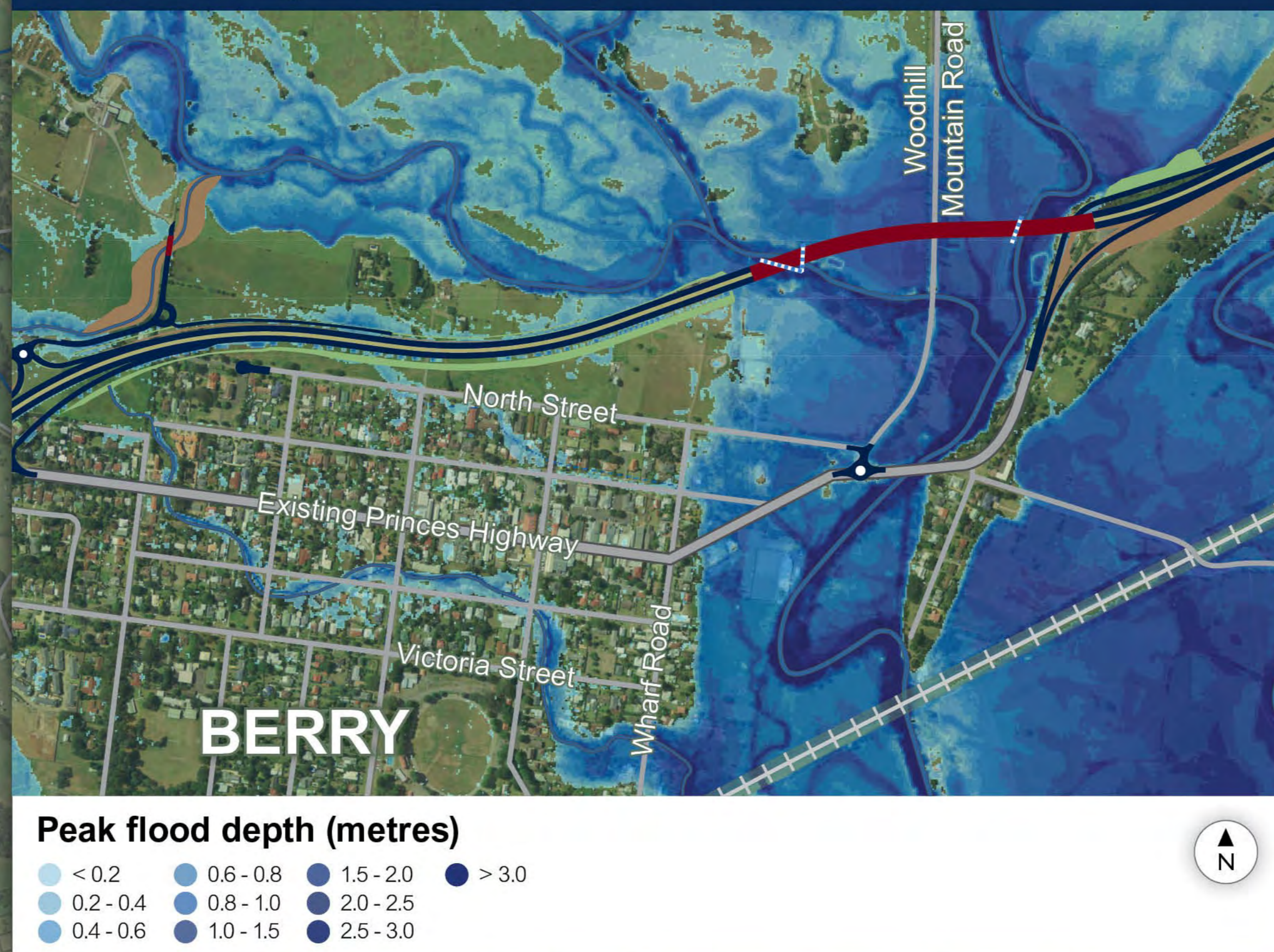
Existing conditions

Berry township – 1 in 100 year peak flood depths



Forecast conditions with the project

Berry township – 1 in 100 year peak flood depths



Berry township

Rawlings Lane
North Street
Existing Princes Highway
Victoria Street
Wharf Road
Town Creek
Broughton Mill
Broughton Creek

Town Creek diversion

Town Creek currently causes flooding within Berry affecting residents of Berry and the wider community to the south of the highway. By diverting flows from the northern catchment of Town Creek into Bundewallah Creek, flooding would be alleviated during some major weather events.

The diversion has potential to reduce flood levels in a 1 in 100 year flood event through town by in excess of one metre. This would provide a significant benefit to many of the properties within Berry and some

along North Street (in the vicinity of Albany Street) that currently experience flooding. Around 80 residences and structures would experience a measurable flood depth decrease within Berry, particularly in North Street. The diversion would create some manageable, minor flood depth increases along Bundewallah and Broughton Mill Creeks.

Further flooding information is included in Section 7.5 and Appendix H of the environmental assessment.

LEGEND

- Upgraded highway
- Access roads
- Existing Princes Highway
- Highway tie-in
- Local roads
- South Coast Railway
- Waterways
- Bridges, overpasses and underpasses
- Fill
- Cut
- Noise mitigation in line with discussions in 2011/2012
- Traffic flow
- Fauna rope bridge over road
- Fauna rope bridge adjacent to bridge
- Fauna rope bridge over and under bridge
- Dedicated fauna underpass
- Dual use underpass (Fauna and drainage)
- Fauna rope bridge under bridge
- Indicative flood extents along the project alignment

Aerial photography is dated 2009.