

## STATUE BAY PROJECT UPDATE | 30 October 2017

### Overview

- » The Statue Bay landslip project involves two packages of work:
  - ▶ Upslope Works - pinning / reinforcing the cliff face with soil nails and shotcrete in specific areas, to minimise the risk of future slippage and erosion, and
  - ▶ Downslope Works - constructing a revetment wall along the ocean side of the road to contain the road and protect it from wave erosion, and reconstruction of the road;
- » The cost of the Statue Bay project is being heavily subsidised from the NDRRA (Natural Disaster Relief and Recovery Arrangements) fund
- » The project has experienced significant problems and cost increases due to poor foundation conditions for the downslope revetment wall, and an increased area for stabilisation of the cliff face
- » The current projected funding break-up for the project is as below:
  - ▶ NDRRA – \$15.8M
  - ▶ Department of Transport and Main Roads – \$2.35M
  - ▶ Livingstone Shire Council – \$3M

### Progress to Date

#### Downslope Works

- » Bulk earthworks for the revetment wall are progressing to foundation level;
- » The revetment wall is being constructed from the southern end;
- » The foundation has been constructed for ~50% of the length of the job
- » The block revetment wall and mechanically stabilised embankment are nearing full height at the southern end of the site

#### Upslope Works

- » Drilling for the soil nails is progressing in all of the cliff stabilisation zones
  - ▶ The northern and central zones are - 40% complete
  - ▶ The southern zone is -25% complete

- » The shotcrete surfacing is being installed in two layers as the soil nailing is completed

#### Program

- » The delays caused by the foundation problems have extended the project completion date into 2018
- » At this stage, the projected completion date is March / April 2018

### Scenic Highway Detour

- » Vehicle speeds are continuing to be monitored along the detour
- » Results indicate that motorists are continuing to comply with speed limits throughout the detour

### Work Planned for November/ December

- » Construction of the revetment wall and reinforced earth embankment will continue from the southern end
- » Drilling for soil nails will continue in the northern, central and southern stabilisation zones
- » Placement of shotcrete will continue as areas of soil nails are completed
- » The top layer of shotcrete will be coloured to reduce the impact of stark grey-coloured concrete on the landscape

### Impacts on Community

- » Scenic Highway remains closed to traffic for construction works – the two-way detour will remain in place
- » Motorists are requested to travel safely and continue to obey posted speed limits when using the detour
- » Beach accesses LB1 and LB2, and Rosslyn Close walkway remain closed
- » Council requests the public to remain clear of the construction site
- » Some residents have experience dust, noise and vibration nuisance during the cliff face drilling and wall construction
- » Council apologises for the nuisance caused to residents and will make every attempt to minimise the impacts, however it is virtually impossible to eliminate all of these impacts from a major construction project

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- » Under the construction contract for the works, environmental management of the worksite (which includes dust, noise and vibration nuisance) and adherence to all relevant environmental legislation is the responsibility of the Contractor, EarthTEC Pty Ltd
- » Council has strongly raised concerns about dust, noise and vibration with EarthTEC and has requested that urgent mitigation measures be implemented to address these issues
- » For interested residents, drone video footage of the construction site is available on Council's website at the link below:
- » <https://www.youtube.com/watch?v=D644NZ9X5nA>

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