

# Infrastructure project update 11

## Wye River and Separation Creek

26 OCTOBER 2018

*This fortnightly newsletter informs residents and property owners about work Colac Otway Shire is undertaking in Wye River and Separation Creek.*

### Table drains and driveway culverts

In Mitchell Grove, Separation Creek, we have upgraded a cross road culvert and installed table drains and driveway culverts. All work is now complete in Mitchell Grove.

Over the next two weeks we will continue installation of driveway culverts in Riverside Drive, Karingal Drive and Sarsfield Street.

We'll also begin installing driveway culverts in Harrington Street. All affected residents have been notified directly.



### Stanway Drive stabilisation works

All stabilisation, road and drainage works are now complete. We've also completed the tidy up of the area following construction works.

We have completed planting Indigenous plants along the lower embankment and in the clearing above the upper embankment. Over the next fortnight, we will complete planting of the upper embankment and in between the rocks.

In total, 8500 new Indigenous plants will be planted.

Council's kerbside bin collection service in Durimbil Ave and Iluka Ave will recommence on 29 October.

*Residents in Iluka Ave and Durimbil Ave, please place your bins on the high side of the road – on the left hand side of the road heading towards the Iluka Extension. Thank you!*



*Images of completed works in Stanway Drive*



*New Indigenous plants on the lower and upper embankment*



## Tree pruning and management

As part of our regular maintenance of all trees within Council controlled land, we engage independent arborist ENSPEC to undertake detailed tree assessments.

Over 900 trees within Council controlled land are assessed each time. 97 trees have been identified as requiring works.

Following ENSPEC's most recent report, we engaged Aspect Tree management to undertake works on all Medium, High and Very High priority works earlier this month. It progressed well and this round of works is now finished.

Another assessment of trees in Separation Creek and Wye River will be conducted in early February 2019.

## The tree risk assessment process

ENSPEC's latest Wye River Separation Creek Tree Assessment Update is attached. It is an excel document with four tabs containing different information. We will attach this report when we email you each fortnightly Infrastructure Update.

ENSPEC uses a very detailed matrix to categorise the risk posed by each tree – it rates the 'likelihood of failure,' 'the likelihood of impact' and the 'consequences.'

The formula is (likelihood of failure x likelihood of impact) divided by two, and multiplied by the consequences. The maximum total score that can be allocated to a tree is 500 points.

### Explanation of the assessment formula

- Likelihood of failure: the branch or tree failing, is assessed up to the next inspection date.
- Likelihood of impact: assessed by estimating the period of time the target is occupied by a human. A tree could have several different 'likelihood of impact' ratings under the tree's own canopy; for example, the tree may overhang a footpath, as well as an area that cannot be accessed by humans or vehicles. If the defect is located above a footpath that is used for 4-8 hours per day the assessor would categorise the 'likelihood of impact' as 'frequent use', whereas, if it is located above an area that is not used - grass or garden bed, the likelihood of impact would be 'low use.'

- Consequences: the section of tree that must be assessed (branch, trunk) is that which the arborist believes could fail within the defined inspection time frame and hit the designated 'likelihood of impact.'

### Rating scale:

- 1 -125 points = very low risk tree. The tree will have no failures prior to the next inspection period and in most cases no remedial arboriculture works will be required.
- 125 – 250 points = low risk tree. Remedial arboriculture works or tree removal may be required to mitigate the risk of this tree. A management plan defining the outcomes of the assessment may be required. Engineering solutions may also be considered in order to mitigate the risk.
- 250 – 375 points = medium risk tree. Remedial arboriculture works or a management plan will be required to manage the tree. Engineering solutions may need to be implemented to mitigate the risk. Removal may be the only option.
- 375 – 500 points = high risk tree. Extensive remedial arboriculture works and an extensive management plan are required to manage the tree (if retained). Engineering solutions may need to be implemented to mitigate the risk. Total removal of the tree may be the only option.



Trees in Wye River