

**Environmental Survey**  
**Proposed Road Widening, William Road Mount Helena**  
**May 2025**



**Photo 1:** View of William Rd looking in a northwestern direction. It is proposed to seal the gravel road. The proposed alignment impacts vegetation along the southern side of Williams Road and looks to minimise tree removal and avoid significant / habitat trees (as those that can be seen in the photo on either side of the road). As part of the works it is recommend that there are tree protection zones (TPZ) or physical barriers placed around significant trees to ensure they are protected during the construction phase.





**Photo 2:** Clearing proposed on the southern side of the road verge. Vegetation along both sides of William Road is a mix *Eucalyptus marginata* (Jarrah) and *Corymbia calophylla* (Marri), *Xanthorrhoea* (grass trees) in the midstory and diverse native understory.





**Photo 3 (above left):** Grass tree that will be impacted by the proposed works.

**Photo 4 (above right):** Cluster of grass trees that can all be retained with the alignment of the works.



**Photo 5:** William Road widens heading towards Bunning Road on the southern side, with no clearing proposed in this section and minimal clearing as the road advances further to the west (as seen in the photos below).





**Photo 6 (above left):** Minimal clearing proposed with the alignment impacting the small, coppiced Jarrah, weedy understorey and some native ground covers species.

**Photo 7 (above right):** Removal of several small dead trees proposed (DBH under 10cm).



**Photo 8 and 9:** Several trees in decline or senescent will be removed for the road widening.





**Photo 10:** Another view of the trees that are in decline. Several tree deaths on the southern side of the road near the intersection of Bunning Road. Most of the vegetation is degraded in poor health, with evidence of borers in the trees. **Dieback may be present.** Recommend hygiene measures are put into place for the proposed works to ensure no spread of disease.



**Photo 11:** Another view of the dead trees. No hollows present.



## Possible offset locations

### Location 1



**Reserve 52098:** Small reserve that is weedy, which can be seen in the photos above and below. Weeds include eastern states wattles, tagasaste and periwinkle. Two mapped habitat trees in this location, that were identified as part of a subdivision application.

The location is surrounded by road reserve to the north (Alfred Street) and William Road to the south. Future development in the vicinity may impact offsets.





## Location 2



**Reserve 45869:** This location is degraded and would benefit from offsetting loss of vegetation from the proposed works on William Road.