

BUNBURY OUTER RING ROAD ROUTE — RECYCLED MATERIALS

425. Hon DIANE EVERS to the minister representing the Minister for Transport:

I refer to the Roads to Reuse pilot program case study in November 2019 that found that there are a number of benefits of using recycled materials in the construction of roads.

- (1) Does the proposed Bunbury Outer Ring Road construction include the use of recycled materials; and —
 - (a) if yes, how much and what percentage of road base is to be from recycled materials; and,
 - (b) if not, why not?
- (2) Given the findings of the study, what existing projects are using or will use recycled materials, and what is the total percentage of the project base?
- (3) How many mining proposal applications to extract limestone for the Bunbury Outer Ring Road have been made, and —
 - (a) how much and in which areas;
 - (b) have any been approved; and,
 - (c) has the impact on surrounding groundwater, threatened ecological communities, tuart and banksia woodlands and threatened species been considered in these applications?

Hon STEPHEN DAWSON replied:

I thank the honourable member for some notice of the question.

- (1) Yes.
 - (a) Crushed recycled concrete is planned to be used for all sub-base under full-depth asphalt pavement at intersections, reconstituted structural blocks will be manufactured for retaining walls, chromed scrap rubber is planned to be blended with bitumen for sealing in at least 30 per cent of the project, and crushed glass is intended to be used in earthworks, with research and development underway;
 - (b) not applicable.
- (2) Main Roads is encouraging all current contracts to use crushed recycled concrete as the sub-base under all full-depth asphalt pavements.
- (3) Main Roads is unaware of any limestone extraction mining proposals for the Bunbury Outer Ring Road at present.