

Haul Roads & Haul Road Intersections



Tutunup South Vasse Highway Crossing

Iluka Resources Limited required the design of a haul road intersection on Vasse Highway. The project included pavement design along with haul road and Vasse Highway intersection design to MRWA requirements.



Keeping mineral resources moving

WML's experience in the Goldfields and South West Regions includes heavy haul roads and intersections for gold, coal and mineral sands mining interests. Our capabilities include:

- Facilitation of service protection and relocation
- Terrain evaluation and advice
- Subgrade improvement design
- Design of signalised and unsignalised intersections
- Materials investigation and sourcing
- Pavement management and rehabilitation advice
- Stormwater drainage design
- Traffic studies and impact statements
- Liaison with government authorities, including Main Roads Western Australia

Safety and Durability

Mining haul roads handle conflicting tasks: make it easy to move product continuously and efficiently, keep road users safe, and do it all with minimal maintenance. Our expertise in pavement design and local material sourcing means long-lasting solutions that are readily available to your project location.

Permitting and approvals

Our long-term working relationships with Main Roads Western Australia (MRWA) and local governments throughout the state enable us to navigate any necessary permitting processes smoothly and efficiently.

Construction Management and Supervision

We provide thorough guidance from design and construction through commissioning and close-out. Our team maintains a keen awareness of time and budget. We emphasise timely decisions, clear communication and adherence to specifications.



Golden Ridge Road & Rail

Project included design of intersections, approaches, pavement and drainage, obtaining heavy vehicle road crossing approvals from MRWA and City of Kalgoorlie-Boulder and construction management/supervision.



Broad Arrow-Ora Banda

Excelsior Gold's haul road crosses a local highway and a buried gas pipeline. WML's Kalgoorlie team designed all intersection upgrades and provided full coordination with all agencies, leaseholders, and state and local authorities.



Iluka crossing at Vasse Hwy

WML designed Iluka's new road and intersection to handle haul traffic volume of 100 fully-loaded 50-tonne trucks and 100 empty trucks on a daily basis. It also accommodates the occasional crossing by 87-tonne mechanical excavators.

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