

3. Eccles Road Pipe Upgrade

WHAT IS THE PROJECT?

This project involves upgrades to the drainage system along Eccles Road, near its intersection with Bonnyvale Road.

This option would involve upgrading existing stormwater pipes and installing additional drainage pits to help capture and convey stormwater more effectively during heavy rainfall.

By increasing the capacity of the local drainage system, this option may help reduce stormwater ponding and flooding impacts for some nearby properties.

HOW WOULD THIS HELP?

- > The study suggests this option could reduce flood risk for approximately 1-5 properties during an intense rain event (1 per cent AEP).

FURTHER INFORMATION:

- > This option is considered to be relatively straightforward to construct compared with some other mitigation options being investigated.
- > Final costing for this option is dependent on impact or clashes with existing underground services and other design constraints.



Figure 7: Eccles Road Pipe Upgrade.

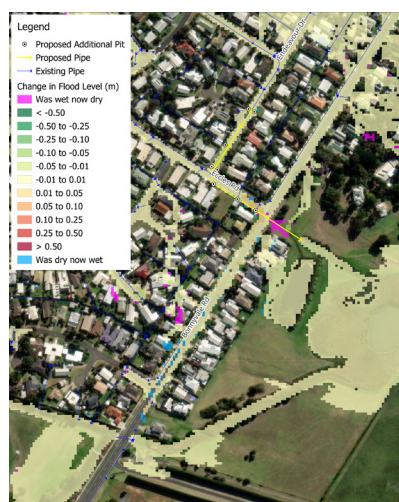
WHAT DOES FLOOD RISK LOOK LIKE IF THIS PROJECT IS BUILT?

The diagrams below show the modelled change in flooding if this option was delivered.

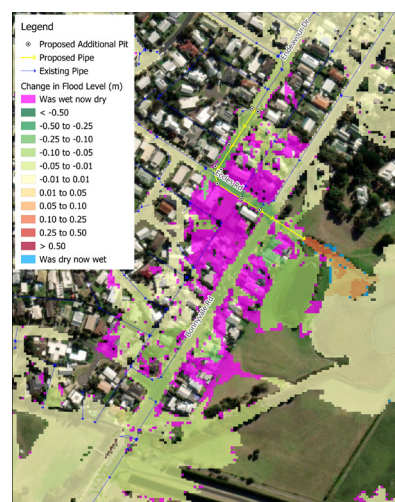
■ Green = Decreased flooding ■ Pink = No longer occur for the event shown.

Different shades of green show different levels of flood reduction. In some areas, even a small reduction in flood depth may help reduce the potential impact of flooding during a major storm event.

Modelled flooding risk after project built (20 per cent AEP)



Modelled flooding risk after project built (1 per cent AEP)



INDICATIVE PROJECT COST	IMPLEMENTATION TIME	CAN THIS OPTION BE STAGED
Medium – more than \$1 million.	Medium-term – more than 5 years.	No - the full project would need to be completed at one-time.