

## Mount Martha/Mornington Drainage Upgrade Works

### Date

July 2012 – November 2012

### Location

Mornington, Victoria

### Project Value

\$1.67m

### Project Details

Mornington Peninsula Shire Council awarded JAYDO the construction of 850m of drainage pipeline and associated works. The project consisted of laying reinforced concrete pipes ranging in size from 300mm to 1350mm in diameter as well as box culverts ranging in size from 1200mm X 450mm to 1200mm X 900mm. The works were situated within parkland as well as along roadways within a heavily populated residential area of the Mornington Peninsula.

The project aim was to upgrade the existing capacity by installing the new pipeline and connecting it into an existing Melbourne Water Pipelines. This in turn would eliminate localised flooding which to the local residents was all too familiar.

JAYDO exceeded the expectations of Mornington Peninsula Shire and the local community by managing the project to work within the needs of the local residents and shop owners to ensure access to and from the shopping centre was maintained despite working within limited space.

### Key consideration of the pipeline construction

- Installation of pipes, box culverts, bedding, backfill and removal of spoil.
- Trenchless section which involved pipe jacking of 8m of 1200mm RCP pipe by hand excavation.
- Two Melbourne Water connections into existing pipelines.
- Construction of concrete Inlet structure with the boundaries of Koorootang Court Retirement Village and a private dwelling. If this was not a challenge on its own, JAYDO had to manoeuvre around a live Electricity Pole which had both High Voltage cables overhead and underground.
- Minimise noise and dust levels within residential area.
- Reinstatement of all areas to blend back into the existing surroundings.



### JAYDO CONSTRUCTION

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