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Napa Valley Flood Control



With this positive news, it looks likely that the planned flood defence extension will go ahead, further improving the safety of the residents of Napa County.

Value Engineering pushes flood control projects up the priority list

Value engineering is proving vital in improving the flood defences of Napa County, CA. The project began with the recently-opened Napa River Dry Bypass, which aims to reduce severe flooding and protect the local residents, while doubling as a public park in the dry seasons thanks to its marshlands and turfed spaces.

The local government have been seeking to expand the flood defence program further with the use of flood walls in key parts of the riverside. However, the Army Corps of Engineers who assisted in the bypass development have had their reservations. The Corps had already made an estimate that suggested the costs would be too high, and that the bypass would be the last project for them.

However, this initial \$179 million estimate has since been severely reduced. A value engineering study over the last year brought the figure to \$92 million, while further savings were discovered separately, bringing the figure down to \$76 million, cutting the costs in half.

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