Visualise
your project

3D VR City Projects

3D VR Parramatta CBD Model

Client: Parramatta City Council, NSW

Having had some experience with the technology, Parramatta City Council turned to Dd3D Works to build a new 3D VR model of the Parramatta CBD that would have the accuracy and presentation quality to enable the system to be capable of withstanding scrutiny in the NSW Land and Environment Court.

More...

Mornington Activity Centre 3D VR Model

Client: Mornington Peninsula Shire Council, VIC

To assist Council meet the needs of ever-increasing development pressure in the area, Dd3D Works constructed an accurate and very realistic 3D VR model of the Mornington Activity Centre incorporating the Council's new Structure Plan. It is used in-house by the Council for strategic planning and as part of the DA assessment process.

More...

3D VR Gosford CBD Model

Client: Gosford City Council, NSW

Five years of development applications have passed through this powerful planning tool. Each is assessed in a survey accurate real-time virtual environment providing accurate shadows for any time and date of the year. A living city platform which shows both the growth and future of Gosford. This award winning system set the standard for all future city planning models.

More...

3D VR transportation projects

M7 Public Consultation Project

Client: Roads and Traffic Authority Operations (RTA)

This is a true simulation model and includes moving vehicles, working lights and the potential for traffic flow analysis. The ability to assess road signage, urban design treatments and staged landscape growth makes this an extremely powerful design review platform. Perhaps the most important aspect of the system is the ability to engage with the public living adjacent to the proposed motorway, on a one-to–one basis.

More...

Great Western Highway, Lawson NSW

Client: Roads and Traffic Authority Operations (RTA)

This model was used to assess the highway concept design and the visual impact of alternative twin bridge types (a Super T and a Balanced Cantilever design). It was acknowledged that the model acted as a very useful tool to test ideas and as a result of the project there has been a revision of both the highway and railway alignments.

Other significant 3D modelling projects

Rozelle Bay Master Precinct Master Plan - Sydney

Client: NSW Maritime Authority

" Following successful delivery of a conceptual 3D model of the Rozelle Bay Masterplan site NSW, Maritime Authority had no hesitation in re-engaging Dd3D Works to create a more detailed model incorporating DA approved structures for public exhibition. The resulting 3D model exceeded expectations and provided very realistic animations and views which were of immense public benefit."

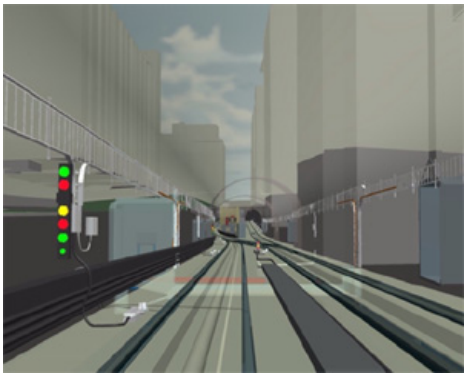
- Dennis Buttigieg, Manager, Survey and Spatial Information, NSW Maritime Authority

This extensive 3D model offers the ability to assess impacts on the surrounding community and the interaction of the 10 combined DA approved structures. Four separate paths through the site were defined for both camera and target and a 5min 40sec Video for Windows (avi) in 960x640 pixel resolution was produced for public exhibition.

The National Capital Authority's 3D Planning Model – Canberra

Client: National Capital Authority

This 3D model encompasses all the buildings and structures within the federally owned land in Canberra. It covers the entire length of Lake Burley Griffin from Canberra Airport to Scrivener Dam. This model is used to protect view corridors and assess changes as well as event planning. Virtual reality finishes have been added to all significant buildings in the Parliamentary triangle and true species tree coverage has been included in the central area.



3D Model from Argyle St Portal to Wynyard Station

Client: State Rail – City Underground

Constructed from original drawings, survey and laser profiles to engineering accuracy. The project included the new signaling equipment and featured a driver's eye view of the signals in a Video for Windows .avi file.

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