

MANAGING MAJOR INFRASTRUCTURE PROJECTS

Downer and Nearmap

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Downer

Downer Group employs more than 33,000 people across Australia and New Zealand. As the leading provider of integrated services, Downer designs, builds and sustains assets, infrastructure and facilities. This study covers how Nearmap content helped plan and manage a key infrastructure project.

CHALLENGE

The scope of work on a major toll road was to remove and replace the top 30mm of asphalt across the full width of the carriageway. Constraints included timing with full road closure and reopening each day. For effective planning and project sharing, the Downer team needed up-to-date imagery and accurate geospatial content.

SOLUTION

Downer needed the ability to cover shift areas and track historical changes in assets and work sites. Nearmap aerial imagery provided the clarity and frequency of capture to help effectively manage two main work fronts. This included the capacity to plot assets on site, map changes from the original construction, take accurate measurements, plan access, and share plans with internal and external stakeholders.

BUSINESS IMPACT

The ability to adjust the plan to reflect the real-time situation on site significantly reduces the amount of time spent in the office planning the next shifts. Project sharing allows layers and feature groups to be exported and sent as a JSON file, helping improve communication and collaboration with the team and the client.

“If I had to do this job again and I didn’t have access to MapBrowser, I don’t know what I would do. Having a tool like this means I can get all the detail and information I need, as accurately as possible.”

Esther Lang, Senior Project Engineer, Airports & Specialised Pavements, Downer



ACCURATE PROJECT PLANNING
CURRENT VISIBILITY



VIEW CHANGE OVER TIME
HISTORICAL IMAGERY



EFFECTIVE COLLABORATION
INFORMATION SHARING

 Nearmap Vertical

 Nearmap Oblique

TRANSFORM ASSET MANAGEMENT:

To learn more about Nearmap for planning and scheduling, watch the presentation from **Nearmap NAVIG8 2022**. Or **book a demo today** to see Nearmap in action.

