



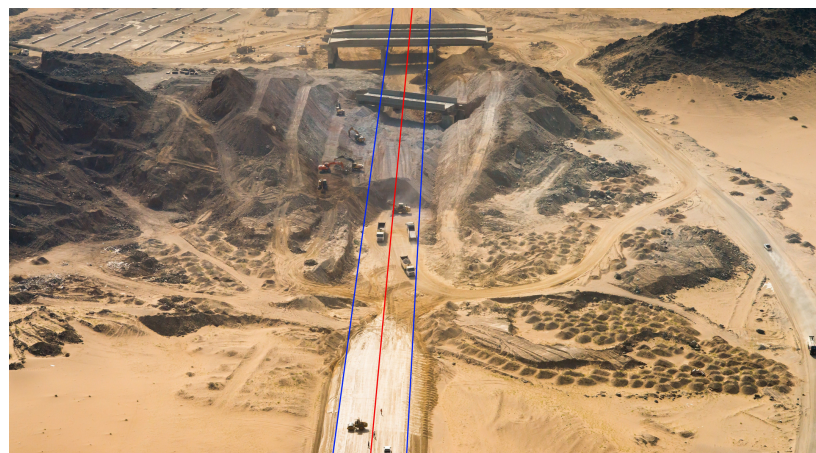
# INFRASTRUCTURE SURVEYS

## Highly experienced image capture for infrastructure

With many key clients within the infrastructure sector, Orbital has built a solid and reliable reputation with many of these core industries. As many of our jobs are linear based, infrastructure companies are a key component of our work.

We have taken thousands of high resolution images of many pipelines, powerlines and railway lines around the world for some major infrastructure companies, many of whom are regular users of our cloud-based mapping software, Visivi. With a virtual site visit at their fingertips, our key clients can access high resolution images of their asset in seconds, negating the need for actual site visits, therefore providing enormous time and cost savings.

We have also performed aerial TD1 and population density studies for a number of our clients, which allows them to quickly and easily identify high risk areas along their linear asset.





We become involved when primary and alternative routes have been selected from a desktop exercise. We perform an aerial survey of the infrastructure asset in order to identify any key constraints without any of the team having to set-foot on third party land, thus providing a subtle yet comprehensive view for all. Once the final route has been selected the Visivi data is used for EIA (Environmental Impact Assessment) and Stakeholder Engagement.

We perform an aerial survey of the asset involved during construction, providing very valuable evidence of the effect of the build on the surrounding environment and evidence of the compact construction techniques utilised. Of course, this information is useful for management, to demonstrate in future projects how work is undertaken and as information to counter spurious post-construction compensation claims.

As Visivi has helped in routing, engineering, environmental issues, engagement amongst other disciplines, many companies decide to refile all of their projects approximately a year after reinstatement is complete. This final set of images completes the picture of the build. The post reinstatement photography is perfect to compare with pre-construction. This demonstrates the success of the build and can also provide evidence to counter certain landowner claims. It is always satisfying to see how modern pipeline reinstatement techniques result in such little impact on the visual environment.

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