Underground Service Detection: N3 Toll Road Upgrade

The N3 highway from Durban to Pietermaritzburg is currently undergoing significant design upgrades in preparation for construction starting in 2020. While the highway corridor has been extensively surveyed over the last five years, there have also been numerous new services laid underground across and within the road reserve. GeoAfrika Surveys have undertaken a detailed audit of these underground services to ensure that an up to date record of their locations is provided to contractors prior to construction. This will reduce the risk of services being impeded during construction, preventing significant knock on effects to the project budget and timeframes.

Scope of Work
• Identifying above ground service locations from existing documentation.
• Locate position and depth of these services from terminal points.
• Flag previously undetected services within the road reserve.
• High accuracy GPS surveying of service locations
• Prepare detailed topographical plans of services for design and construction.

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