



Case Study

Mapping of Existing and proposed Optical Fiber Cable Network



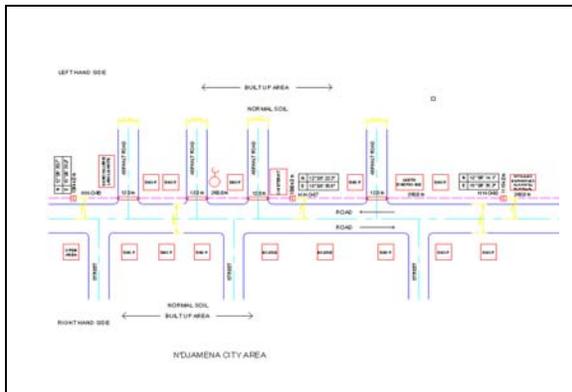
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Business Need

TCIL, a prime engineering and consultancy company, is a wholly owned Government of India Public Sector Enterprise under the administrative control of the Department of Telecommunications(DOT), Ministry of Communications and Information Technology, Government of India. TCIL was set up in 1978 for providing Indian telecom expertise in all fields of telecom, Civil and IT to developing countries around the world. Company's core competence is in the fields of Switching, Transmission Systems, Cellular services, Rural Telecommunication, Optical fibre based backbone transmission systems, IT & Networking Solutions, Application Software, e-Governance, 3G Network, WIMAX Technology and also Civil construction projects.



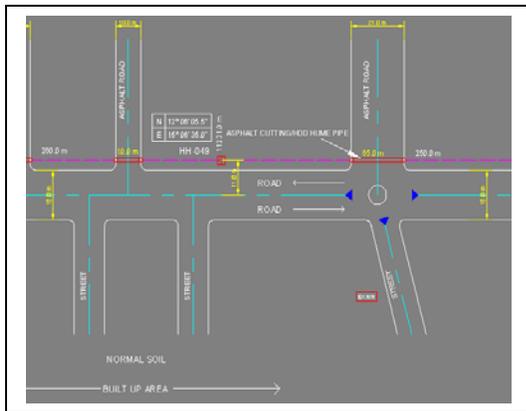
Area Covered

CHAD- A Central African Country

Input Used

Survey Data: Survey data supplied by TCIL survey team

GIS Data: GPS Data .

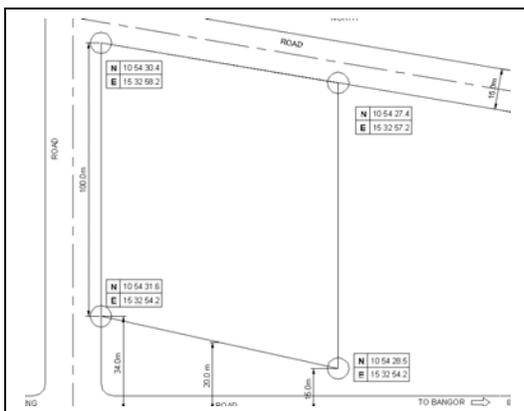


Business Solution

Primary objective of this project was to survey existing Optical Fiber Network of Telecommunication department of Republic of Chad and also do survey for proposed layout for the same. The whole survey was done using GPS and information of the route was collected in form of GPS data point and also local survey information.

Astra Info Systems mapped all the points data collected by Survey team and also prepared comprehensive document with detailed survey report for various section of telecommunication network.

Data team of Astra worked in close coordination with TCIL survey team, which located onsite collecting survey information.



Project Deliverables

Complete map dataset of various sections of Telecommunication network in form of GIS database and printed maps.