

Hi-tech LiDAR to map SoU stretch

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Ahmedabad: In its first major step towards mapping the jurisdiction of the entire stretch of the SoU Area Development Authority (SOUADA), the Gujarat government is employing the drone-based aerial Light Detection and Ranging (LiDAR) and photogrammetry technology.

The technology will map with laser precision the exact contours, natural structures to buildings, including their cracks from the top with precision.

Principally, according to Sardar Sarovar Narmada Nigam Ltd (SSNNL) authorities, the technology will map features including natural streams, forest cover, roads, utility lines and area boundaries. The authorities said that LiDAR technology will also map in detail the entire Statue of Unity with such precision such that one can recreate the entire bronze plate laden statue with laser data. The technology has been employed for the first time in the state for an area authority.

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