

NJDOT UAS and A-GaME



OVERVIEW OF INNOVATION

NJDOT has used drones in emergency situations to investigate large slope failures and to inform design on rockfall mitigation projects.

On I-287, a drone equipped with a high-resolution camera was able to take photographs and videos revealing a broken drainage pipe that was contributing to erosion that required immediate remediation. The use of a drone was safer and more cost effective than utilizing a team of workers to investigate.

On I-280 and I-287, drones have been used for rockface mapping and early site characterization as a design tool.



Source: NJDOT

BENEFITS

The use of a drone was safer and more cost-effective than having a team of workers investigating on steep slopes.

FIND OUT MORE . . .

- NJDOT A-GaME Innovative Initiative <https://www.njdottechtransfer.net/advanced-geotechnical-exploration-methods/>

New Jersey Department of Transportation

Kim Sharp, Supervising Engineer, Geotechnical Engineering

609-963-1348; Kimberly.Sharp@dot.nj.gov

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