

Minimizing Site Visits Using Modern Surveying Technologies

Kevin Hanley, PLS, Regional Director Dawood Engineering, Inc. Braintree, MA

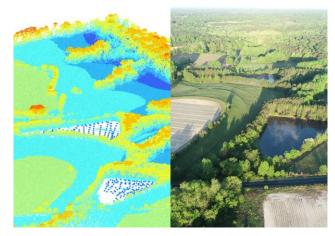
Introduction

- What is Modern Surveying Technology?
- Applications of Modern Surveying Technologies
- Minimizing Site Visits Project Examples
- Considerations for a Surveying Scope of Work

WHAT IS MODERN SURVEYING TECHNOLOGY?



Laser Scanning



Aerial LiDAR



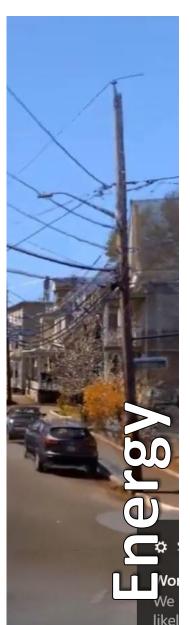
Mobile LiDAR



UAV (Drone)

APPLICATIONS OF MODERN SURVEYING TECHNOLOGY









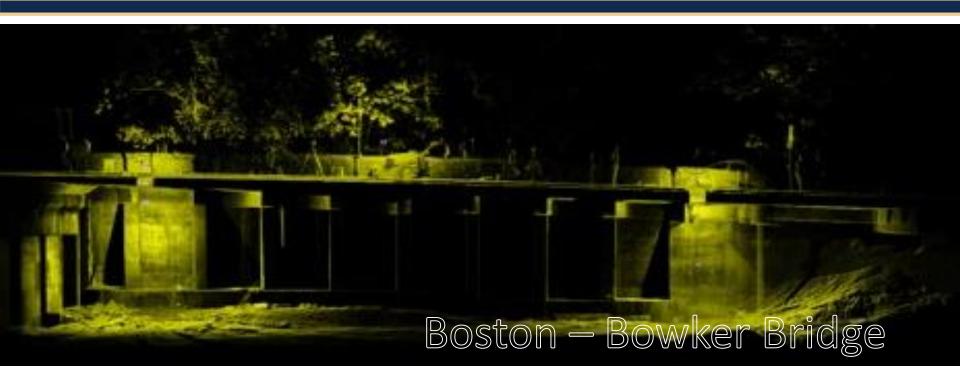


MINIMIZING SITE VISITS - TUNNELS

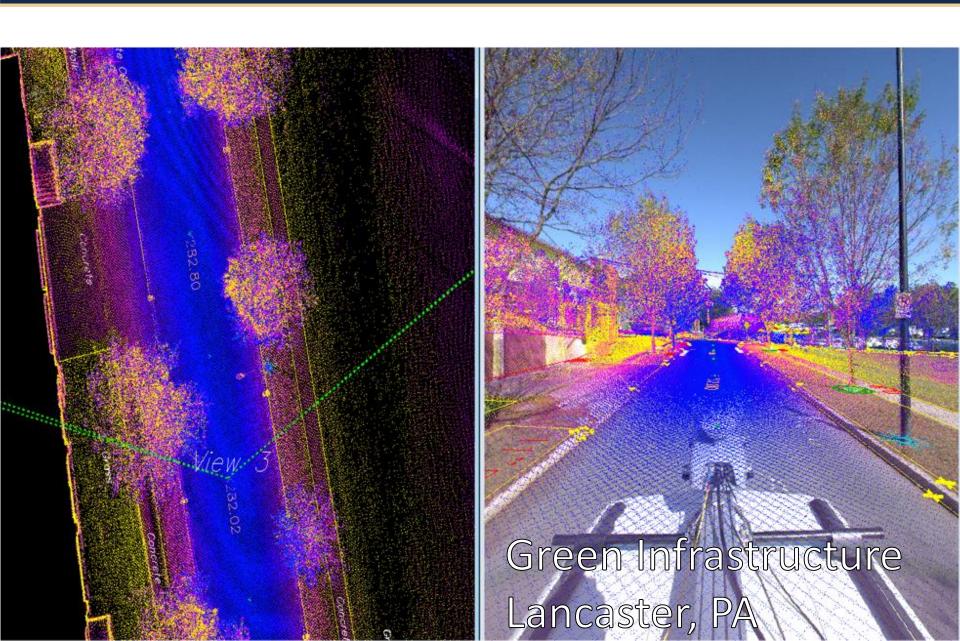




MINIMIZING SITE VISITS - TUNNELS







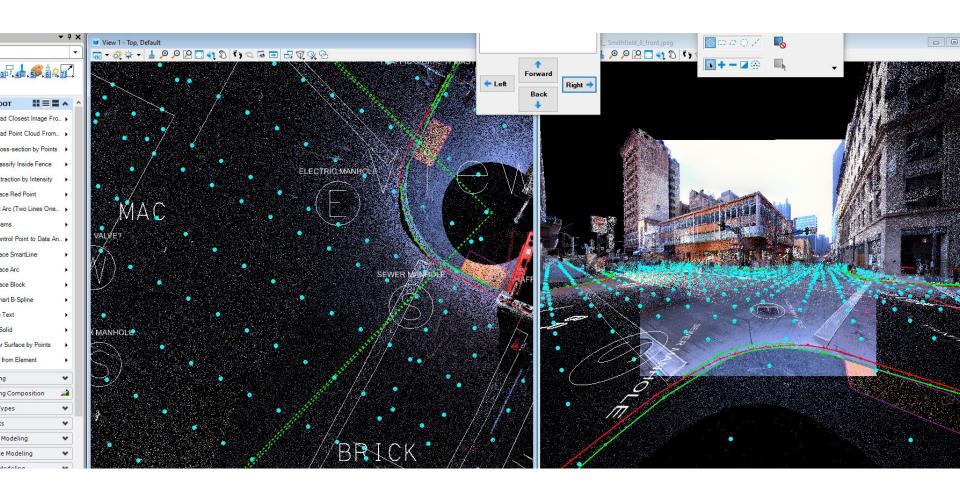






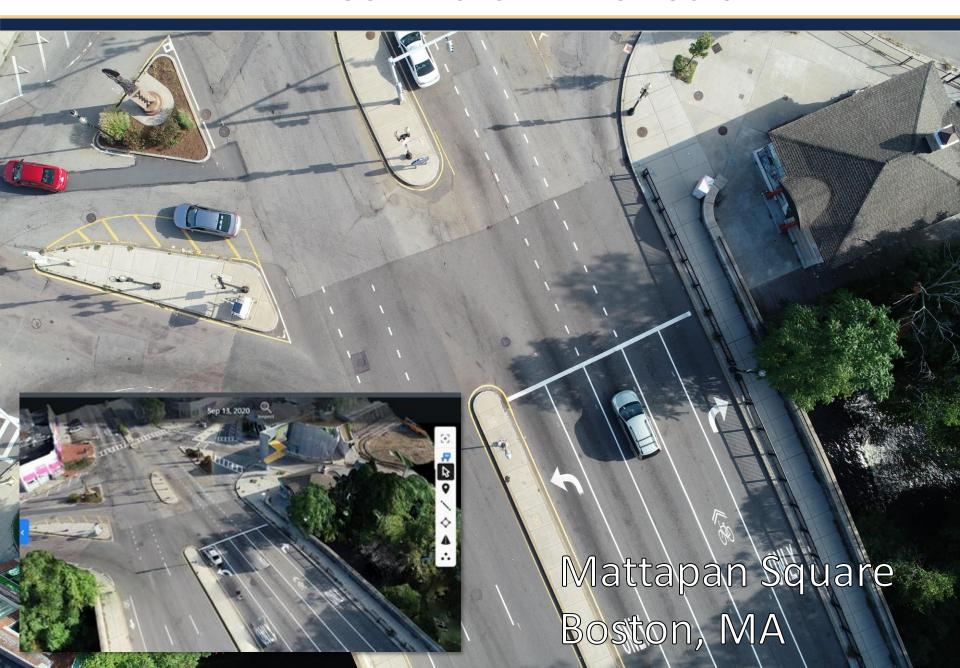
Route 138/Central Street Stoughton, MA





Smithfield Street
Pittsburgh, PA

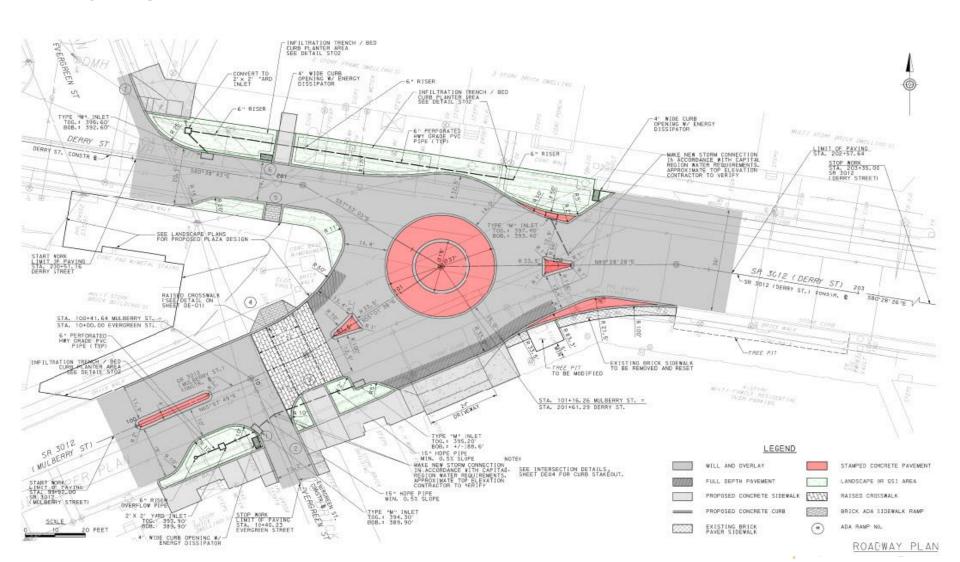




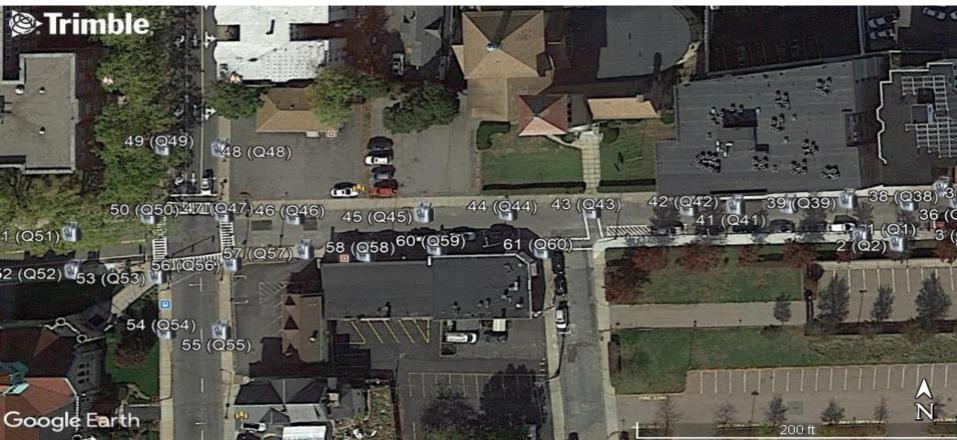




Plans



Images



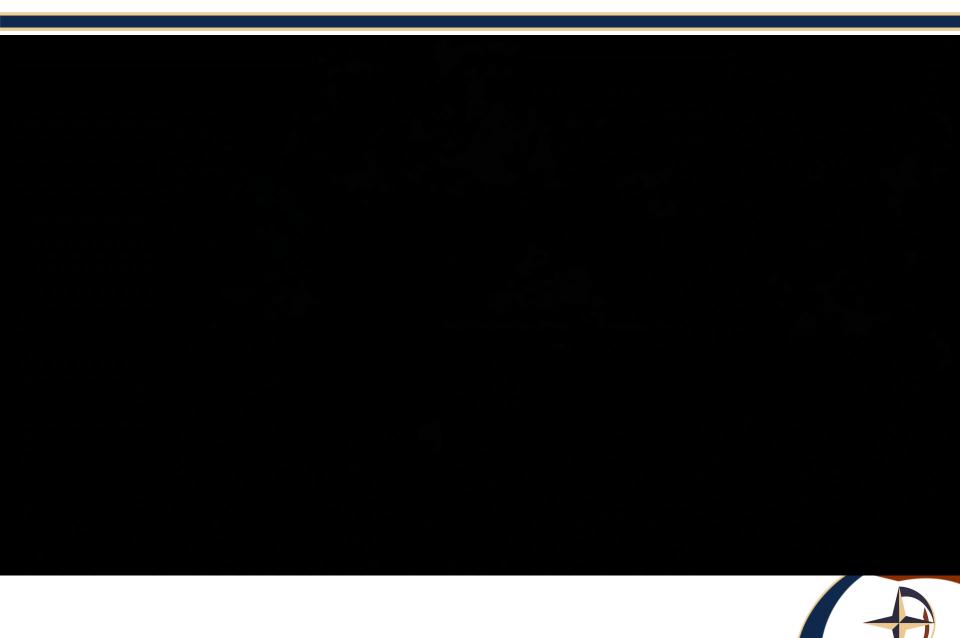


Revit Models



Dept. of Health & Services, Harrisburg, PA





Thank you!

Kevin Hanley, PLS

Kevin.Hanley@dawood.net

o: 781.519.5069 | m: 781.953.2392



www.dawood.net