

Engineering Services

PROJECT REFERENCE SITE

Industry Segment:

Utility Infrastructure

Project:

Depict significant utility infrastructure improvement areas on a city road and rail road track overpass.

Site Location:

Port Chester, New York

Summary of Work:

In order to provide the client with all specified location information, DPK Consulting combined traditional ground survey techniques with 3D laser scanning to mitigate challenges associated with access to rail road tracks below street level.

DPK's field team leveraged adjustable height mechanisms of the 3D scanning tripod to see over a bridge abutment wall creating line of sight to the tracks below. Traditional survey equipment was used to capture location points on the elevated street. All data was merged in DPK's drafting department to complete and deliver 2 maps of the target area.

Deliverables:

Location Survey including: utility pole surveys specifying cable sag heights from sidewalks and roads, as well as distances from railroad tracks.



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