



Adaptive Traffic Signal Final Design

US 1&9 MP 36.35 - 55.81, Woodbridge Twp., Middlesex Co, Rahway, Linden & Elizabeth in Union Co; the City of Newark in Essex County; and the Town of Kearny and City of Jersey City in Hudson Co)



Client

Gannett Fleming, Inc.
1801 Market St, Suite 2600
Philadelphia, PA 19103-1628
Kevin Hunt, PE, PTOE

Owner

NJDOT

GEOD's Fee

\$86,564

GEOD's Role

Aerial Mapping

Date(s)

2021

GEOD was contracted to provide aerial topographic mapping of 32 separate intersections covering 13 miles along US Routes 1 & 9 to support adaptive traffic signal design. New color digital photography was obtained and aero triangulated. Planimetric mapping was compiled directly at 1"=30' showing all visible features. The aerial imagery was also ortho rectified into GeoTIFF format at 1/2ft pixel resolution. All data was formatted in MicroStation V8 using NJDOT's standards, policies and procedures including Article 51, the 2014 NJDOT Survey Manual and NJDOT CADD Manual.