

SWANS ENGINEERING, PLLC

CAPABILITIES STATEMENT



TRAFFIC & TRANSPORTATION ENGINEERING AND PLANNING

Swans Engineering, PLLC is a WBE/DBE certified firm that provides transportation engineering and planning consulting services for facilities throughout the Northeast. With experience in traffic analysis, data collection, planning, and design, our staff has been engaged in every aspect of infrastructure projects, from planning and concept development through final design and construction for various delivery methods such as on-call task orders and staff extensions, design-bid-build, and design-build.

Swans Engineering takes a quality-focused, multi-modal approach to transportation projects, balancing the needs of all roadway users, including personal vehicles, trucks, transit, taxis/FHVs, pedestrians, and bicycles.

Every client and every project is unique.

We collaborate with our clients and team members to establish not only the desired outcome, but also the "why", and then develop creative data-driven solutions to tackle the most challenging tasks.

PROJECTS

Traffic Impact Studies
Planning Studies
Corridor Studies
Complete Streets
Safety Studies
Work Zone Traffic Control
Operational Analysis
Traffic Control Design
Data Collection
Environmental Impact
Statements (EIS)

FACILITIES

Highways
Local Roads
Urban Streets
Bridges & Tunnels
Tolls
Airports
Transit Platforms
Sidewalks
Bike Lanes
Shared-Use Paths
Parking

SOFTWARE

DESIGN

AutoCAD
Microstation
GuideSign
Autoturn

ANALYSIS

HCS
Synchro
Vissim/Viswalk
Aimsun

CERTIFICATIONS

Women-Owned Business Enterprise (WBE)
Disadvantaged Business Enterprise (DBE)
Professional Engineer (PE) - NY, CT, NJ, MA, VA
Professional Traffic Operations Engineer (PTOE)

CLIENT EXPERIENCE

PUBLIC

PANYNJ
NYSDOT
NYCDOT
NYCDDC
NYCEDC
MTA

NJDOT
NJTPK
NJ TRANSIT
CTDOT
MASSDOT

PRIVATE

CONTRACTORS
DEVELOPERS

