

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 over a decade of experience in traffic analysis, 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.

CLIENT EXPERIENCE PUBLIC & PRIVATE

| | |
|---------|-------------|
| PANYNJ | NJTPK |
| NYS DOT | NJ TRANSIT |
| NYCDOT | MTA |
| NYCDDC | MASSDOT |
| NYCEDC | CONTRACTORS |
| NJDOT | DEVELOPERS |

PROJECTS

- Traffic Impact Studies
- Planning Studies
- Corridor Studies
- Complete Streets
- Safety Studies
- Work Zone Traffic Control
- Operational Analysis
- Traffic Control Design
- ITS
- 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)

