

DESIGN YOUR FUTURE



Department of
Transportation



CONTACT

Leigh Meisner

Office of Design

50 Wolf Road, Albany, NY 12232

Phone: 518-457-6658

Email: Leigh.Meisner@dot.ny.gov

Design

WHAT WE DO

Project designs are produced in each of the department's eleven Regional Offices, and in the Design Bureau at the Main Office. This mission-critical role includes the preparation of the Plans, Specifications and Estimates for transportation projects, quality assurance responsibilities for designs and development of policies, procedures and processes. With diverse expertise in transportation engineering, a multi-disciplinary team approach, and a dedication to design excellence, NYSDOT's Office of Design offers a wide range of opportunities for every employee.

Why Design?

Gain the experience needed to sit for the PE exam

- Develop expertise through on-the-job training and assignments of gradually increasing complexity and responsibility.
- Learn from state and nationally-recognized experts in the field of highway design.
- Immediately begin gaining knowledge and develop the skills you obtained in college.
- Take advantage of opportunities to gain statewide, national and international exposure.

Projects

- See the positive impact your work has on communities through design and construction of infrastructure across the state, as well as assuring the safety and mobility of millions of travelers.
- Work on a diverse variety of projects including culverts, intersections, highways, etc.

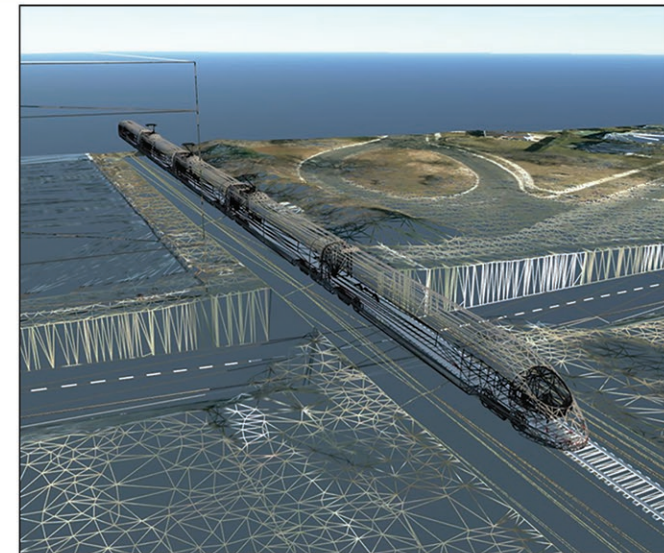
Flexible Work Schedules

- Start times between 7:00 A.M. and 9:00 A.M.
- 9 day compressed schedule available after 1st year

Numerous Career Advancement Opportunities

Competitive Salary Program

Relaxed and Friendly Work Environment



Senior Drafting Technician (SDT) Job Duties

- Assist in the preparation of plans, specifications, and estimate packages for highway and bridge projects throughout the state.
- Prepare reports and presentation materials for public meetings.
- Assist with the preparation of project reports (e.g., project scoping reports, design reports, drainage reports).
- Assist with the development of engineer's estimates.
- Develop notes and specifications for specialty work.
- Assist in the gathering and compilation of site data for highway and bridge projects.
- Serve as part of a design team, which progresses several projects simultaneously. This position requires working closely with other team members.

NY 42 Forestburgh - Culvert Replacement



Benefits

- Excellent health insurance
- State pension
- 37.5 hour work week
- 13 days vacation leave per year
- 13 days sick leave per year
- 5 days personal leave per year

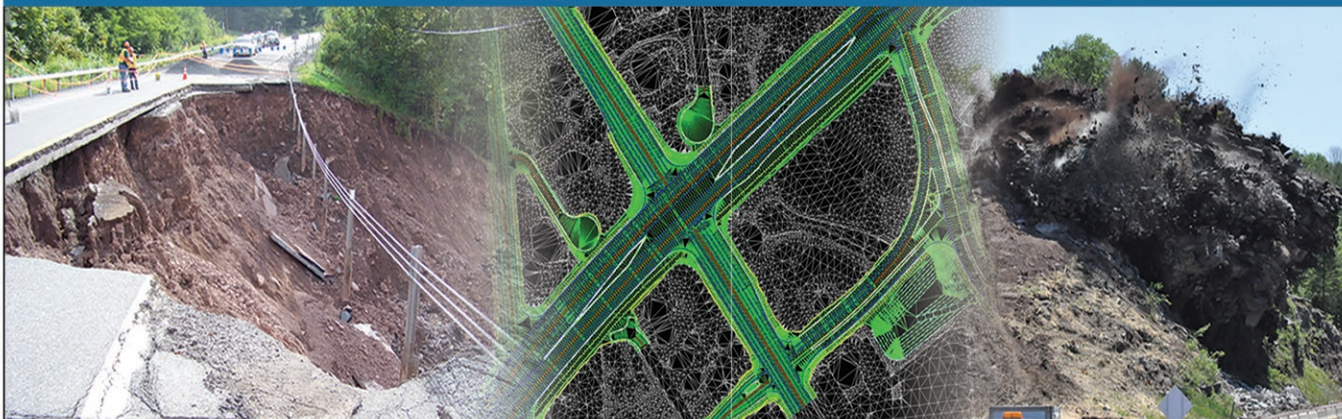
Assistant Engineer (AE) / Engineer Trainee Job Duties

- Create three dimensional surface models for estimating purposes using Microstation and InRoads software.
- Create multi-axis highway and bridge alignments using AutoCAD/Civil 3D and InRoads software.
- Perform drainage design and analysis using the latest software (e.g., Storm & Sanitary, HY8, HydroCAD).
- Analyze traffic impacts using traffic analysis software (e.g., HCS 7, Synchro, Sim Traffic, VISSIM).
- Assist in the preparation of plans, specifications, and estimates for highway and bridge projects throughout the state.
- Prepare reports and presentation materials for public meetings.
- Develop notes and specifications for specialty work.
- Assist in the gathering and compilation of site data for highway and bridge projects with the opportunity to travel for site visits, meetings with Regional staff, and attending public meetings.
- Serve as part of a design team, which progresses several projects simultaneously. This position requires working closely with other team members.

Roundabout - 3D Modeling and Visualization



Disaster Assessment - NY 23 Red Falls



NY 112 / NY 347 Intersection

NY 17 Neversink - Rock Cut

Offices

Regions ★ - Main Office

- | | | |
|---------------|------------------|----------------|
| 1 - Albany | 8 - Poughkeepsie | 10 - Hauppauge |
| 2 - Utica | 9 - Binghamton | 11 - New York |
| 3 - Syracuse | | |
| 4 - Rochester | | |
| 5 - Buffalo | | |
| 6 - Hornell | | |
| 7 - Watertown | | |



New York State Career Opportunities in Engineering

<https://www.cs.ny.gov/engineering/oc/>