

Governor Andrew Cuomo knows that transportation is critically important to enhancing mobility, supporting economic development and improving the quality of life across New York State. He also knows that it takes a dedicated team of professionals to keep our transportation system running so people and goods can get to where they need to go.

I'm proud to say that the Department of Transportation achieves these goals through the use of science, technology, engineering and hard work to ensure the safety of millions that utilize our State's transportation infrastructure of roadways, rail, air, and waterways.

I invite you to take the time to learn more about joining our team at DOT and the many exciting and diverse opportunities that exist. If you desire a career that is challenging and rewarding, DOT maybe just what you're looking for. Join our team and be part of our mission to make New York State a better place to live, work and play.

Marie Therese Dominguez
Commissioner, NYSDOT

In New York State, we know that the strength of our economy depends upon the strength of our transportation infrastructure. That's why the work of the New York State Department of Transportation is essential to attracting businesses, residents, and visitors to the Empire State. The DOT transcends all modes of travel within and across the borders of the state, ensuring long-term growth and vitality.

I encourage anyone seeking an exciting and rewarding work experience to consider a career in New York State government. There is no greater sense of purpose than to become a public servant, and there is no greater example of this than the men and women of the DOT. Designing, building, and maintaining the safest and most efficient transportation infrastructure in the United States is no easy task, but day after day, DOT employees remain dedicated and prepared to face any challenge.

Please consider being a part of the many diverse career opportunities available within the New York State Department of Transportation.

Andrew M. Cuomo
Governor

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Department of
Transportation

JOIN THE TEAM

**Structural Engineers
Drafting Technicians**



Department of
Transportation

DESIGN YOUR CAREER

and New York's future

Are you looking to put your knowledge to work making a difference in the daily lives of so many?

Do you seek a career with boundless opportunities to learn, grow and become a leading expert in your field?

How about a career in bridge and infrastructure engineering with the New York State Department of Transportation's Office of Structures?



Our mission is providing professional engineering services necessary to implement the

structural portion of the Department's capital construction and maintenance programs, to evaluate the existing bridge's infrastructure, and directing, wherever appropriate, actions to assure safety and improvement.

We are looking for enthusiastic professionals at all experience levels, as well as new graduates with a proven track record of dedication and excellence, willing to work hard and contribute to the success of our mission.

As technicians and engineers in the Office of Structures, you will work with and learn from some of the most talented and accomplished structural engineers in the country. You will immediately begin to gain experience and knowledge as you hone the skills you learned in college. Before you know it, you will be the expert; proud of your accomplishments.

A career with DOT offers an opportunity to see the impact your work has shaping designs, repairs and maintenance of more than 17,000 bridges across the state, as well as assuring the safety and mobility of millions of motorists.

- Most new employees start in the bridge design group. Engineers and technicians work within squads designing, detailing and estimating bridge projects to prepare contract plans for new bridges and rehabilitation projects. Typical bridge projects that you would work on run the spectrum

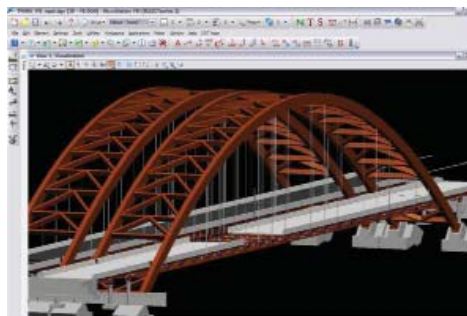
FIND YOUR NICHE

and your future

from short and medium span girder bridges to long span trusses and arches.



- Employees develop their expertise in on-the-job training and through assignments of gradual increasing complexity and responsibility. Experienced bridge designers and detailers will train you to become an effective bridge professional. Specialized technical personnel in such areas as concrete, steel, hydraulics, construction and inspection will contribute to your development.
- Bridge design is a satisfying career choice. It is technically challenging and it also provides an opportunity to be a part of a project that produces a tangible and significant result. The goal of the Structures Design Group is to design durable, economic bridges that are aesthetic. Innovative concepts, materials and techniques are always considered.
- After gaining a solid background in bridge design, you may want to pursue an opportunity in one of the Office of Structures specialized areas. These areas include; concrete, steel, construction support, hydraulics, bridge inspection, bridge safety assurance, quality assurance and bridge management.



Example of a bridge drawing done in Micro Station 3D

WHY DOT?

Because a career in DOT offers:

- Experience in a variety of Structural related disciplines
- Involvement in large and complex bridge projects
- Interactions with engineers throughout the industry
- Qualifying experience for the NYS Professional Engineers License
- On-the-job training and opportunities to learn during work hours
- Opportunities to gain statewide, national and international exposure
- Travel opportunities including construction site visits and bridge inspections
- Teamwork with motivated, diverse groups of Professionals

In Addition:

- As a permanent full-time New York State Employee you receive a competitive salary and enjoy many benefits, including:
- Excellent medical, dental and eye care coverage
- A Prescription Drug Program
- Paid vacation, personal, and sick leave
- 12 paid holidays annually
- Membership in the New York State Retirement System
- Tuition reimbursement and much more

Some recent design projects include:

- NYS Route 40 over Hoosic River - 710 Foot, 3 Span Curved Girder Structure
- NYS Route 30 over the Minekill - Concrete Deck Arch
- NYS Route 7 over I-87 - Single Point Urban Interchange Structure
- Batchellerville Bridge over Sacandaga Lake - 3100 Foot Long Steel Girder Bridge
- Route 219 over Cattaraugus Creek - 460 Foot Twin Steel Deck Arches
- Interstate 81/NYS Route 17 - Reconstruction Project
- Rehabilitation of Interstate 87 over Mohawk River (Twin Bridges)