



MARCOS PORTILLO

Senior Resident Engineer

Q. How did you become interested in working at IDOT?

A. I spoke with representatives when they attended a career fair. They told me about IDOT and their work. It sounded interesting to work on infrastructure and bridges. I haven't looked back.

Q. What aspect of engineering are you focused on?

A. I implement designs for building bridges and roads, solve problems in the field and make sure traffic is moving safely. I am also a resource to consultants and contractors as we coordinate work on projects.

Q. Is there a creative solution you developed to solve a problem for a project you were working on?

A. It's my job to implement design plans, but as a resident, I also find ways to coordinate construction operations and minimize the length of time we are impacting the roadways.

Q. How do you see engineering changing in the next five, 10, 20 years?

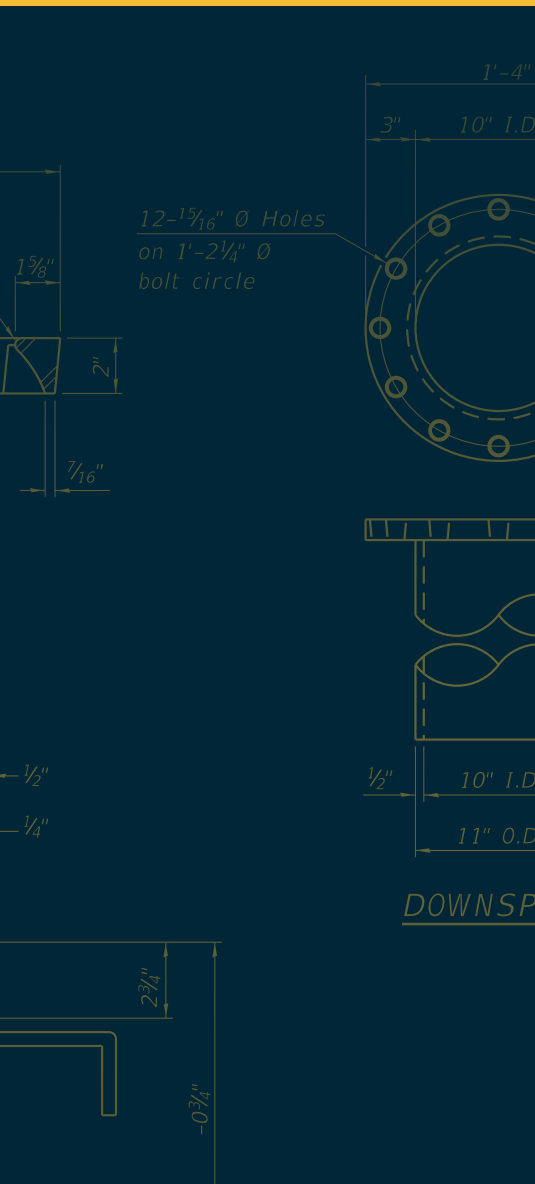
A. We're going to integrate technology a lot more into everything we're doing. Developing and building from live 3D designs, using GPS systems more and using digital documentation so that everyone will have much more accessible information.

Q. What advice would you give to young aspiring engineers who may not be thinking of starting a career at IDOT?

A. You'll get exposure to the planning and engineering that goes into a project and experience interesting problems firsthand. You'll have opportunities to explore the designing and building of roads, bridges and other structures to help you decide what kind of engineer you want to be. There's a wealth of great resources and experienced engineers to learn from. It's good for your growth.

Q. One thing you'd like the public to know about your work?

A. Road and bridge work takes time. Even if you don't see anyone, we're working every day behind the scenes to get everything done as fast as possible and to get everyone where they need to go safely.



EWEEK 2024

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Illinois Department of Transportation