

INSTRUCTIONS

A list of all the units within the NJDOT that may have an employment opportunity for the position of Engineer Technician Apprentice are listed on the following pages. Please review all unit descriptions and follow the instructions below.

Step 1: Mark an “X” on all the units that you are not interested in by using the box “**I am NOT INTERESTED in this unit**”

Step 2: Mark an “X” on all the units that you are interested in by using the box “**I am INTERESTED in this unit**”

Step 3: Go back to the positions that you are interested in and add a Preference Rank for each one (1, 2, 3, 4, 5, etc.) in the box labeled “**Preference Rank**” — “**1**” reflects the position you are the most interested in and “**7**” reflects the position you are the least interested in. Please do not list your preferences with identical ranking.

PLEASE DO NOT REPEAT PREFERENCE RANKS

LAST NAME	FIRST NAME	MIDDLE INTIAL/NAME	DATE

DIVISION OF CPM – HIGHWAY AND TRAFFIC

<input type="checkbox"/> I am NOT INTERESTED in this unit	<input type="checkbox"/> I am INTERESTED in this unit	<input type="text"/> Preference Rank (#1, #2, #3)
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Unit:	Survey Roadway Design
Location:	Cherry Hill
Description:	Survey crews offer surveying services, as-built surveys, and right of way state-outs. Survey services are requested by all units in the department and by other state departments/agencies. As an Engineering Technician Apprentice, you will learn to perform various types of complex surveying work; field data, set up of survey equipment and field mark outs.

<input type="checkbox"/> I am NOT INTERESTED in this unit	<input type="checkbox"/> I am INTERESTED in this unit	<input type="text"/> Preference Rank (#1, #2, #3)
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Unit:	Roadway Design Group 2
Location:	Ewing
Description:	The major goal of Survey Support Services is to research, create, implement, and utilize viable workflows regarding new "Mass Surveying" practices. Under the close supervision and direction of a supervisor, an Engineer Technician Apprentice will perform field surveys and office functions critical to design and construction of State Highways.

<input type="checkbox"/> I am NOT INTERESTED in this unit	<input type="checkbox"/> I am INTERESTED in this unit	<input type="text"/> Preference Rank (#1, #2, #3)
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Unit:	Pavement & Drainage
Location:	Ewing
Description:	Pavement and Drainage Management Unit is responsible for preparing pavement designs for in-house design projects, reviewing and approving pavement designs prepared by consultants for both capital and developer projects, reviewing pavement and drainage field conditions and preparing recommendations for remediation, evaluating, and implementing new pavement and drainage engineering technologies and using and maintaining pavement and drainage management systems and software applications.

Division of CPM- Bridge Engineering & Infrastructure Management

I am NOT INTERESTED in this unit	I am INTERESTED in this unit	Preference Rank (#1, #2, #3)
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Unit:	Structural Evaluation & Bridge Management Unit (a.k.a. Bridge Inspection)
Location:	Ewing
Description:	The Structural Evaluation and Bridge Management Unit is responsible for the safety inspection of all bridges and tunnels in New Jersey (State, County, Toll, etc.) in accordance with the National Bridge Inspection Standards (NBIS) and National Tunnel Inspection Standards (NTIS). The Unit accomplishes this mission through inspection projects using in-house and consultant staff for the State and County Bridges and oversight of the inspection programs for the toll agency bridges. The Unit is also responsible for the inspection programs for state owned sign structures, culverts, high mast light poles, dams, as well as minor bridges and county culverts. Structural Evaluation maintains databases for all assets. The data is used by the Bridge Management System staff within the unit to identify and prioritize Capital Project needs and initiate new Project starts. Structural Evaluation staff evaluate damage to bridges and design repairs under emergency situations.

I am NOT INTERESTED in this unit	I am INTERESTED in this unit	Preference Rank (#1, #2, #3)
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Unit:	Structural Design Unit
Location:	Ewing
Description:	The Structural Design unit performs in-house structural design work on various types of structures. This unit also performs quality assurance reviews of in-house projects and provides technical support/guidance to other units on structural related matters. During the construction phase of projects, the Structural Design unit reviews and approves the shop drawings and works with consultants to resolve any construction issues.

I am NOT INTERESTED in this unit	I am INTERESTED in this unit	Preference Rank (#1, #2, #3)
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Unit:	Railroad Engineering Unit
Location:	Ewing
Description:	The Railroad Engineering unit administers the Rail/Highway Grade Crossing Improvement Program funded by the Federal Highway Administration. This unit maintains a railroad crossing inventory database and CADD drawings of all public highway-rail at-grade crossings based on current inspections. Staff in this unit investigate crossing complaints, conduct diagnostic evaluations of grade crossings, conduct rail crossing stop exemption hearings, develop safety and operational upgrades and improvements to rail crossings and manage grade crossing removal.

Division of Transportation Operations & Support Systems

I am NOT INTERESTED in this unit	I am INTERESTED in this unit	Preference Rank (#1, #2, #3)
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Unit:	Traffic Operations Center – North
Location:	Woodbridge
Description:	The Statewide Traffic Management Center is a 24/7 mobility operations center. Working alongside our partners at the New Jersey Turnpike and the New Jersey State Police, we monitor real time traffic data and control intelligent transportation systems such as cameras and dynamic message signs to provide motorists with traffic information. Staff at the STMC are responsible for reviewing and approving lane closures as well as coordinating response to incidents on the state highways. This is an office position with no field work.