

# GEAUGA COUNTY ENGINEER

An Equal Opportunity Employer

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## POSITION DESCRIPTION

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<b>Employee Name:</b>	<b>Position Title: Highway Technician I</b>
<b>Class Number: 19001E</b>	<b>Class Title: Highway Technician</b>
<b>Dept./Div.: Highway Maintenance Department</b>	<b>Employment Status: Full-time</b>
<b>Reports to: Supervisory Staff</b>	<b>FLSA Status: Non-exempt</b>
<b>Reports to: Asst. Hwy Super./Superintendent</b>	<b>EEO Status: 08</b>
<b>Normal Hours: 7:00am – 3:30pm (on call as directed)</b>	<b>Civil Service Status: Classified</b>

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### CLASS DESCRIPTION:

This is a full time, entry level position that is under the general supervision of the Supervisory Staff and is responsible for maintaining and repairing county highway roads and bridges. Employee performs a variety of perfunctory, entry level, and unskilled tasks, including traffic control, road maintenance work, building maintenance work, and landscaping. Employee is responsible for the careful and safe operation of a variety of motorized equipment. Employee is responsible for some snow and ice removal activities.

### QUALIFICATIONS:

Completion of secondary education or equivalent; or any equivalent combination of education, experience, and training which provides the required knowledge, skills, and abilities.

### LICENSURE OR CERTIFICATION REQUIREMENTS:

Must possess a valid Ohio Class A Commercial Driver's License temporary learner's permit before starting employment, and obtain a valid Ohio Class A Commercial Driver's License with an "N" Tanker Endorsement within one year of date of hire; must possess a valid Ohio Driver's License; must maintain insurability under the Engineer's Insurance Policy

**THEORETICAL UNDERSTANDING:** Must have completely read the book *Turn the Ship Around* by L. David Marquet and understand and embrace the leader-leader intent based leadership philosophy. Must understand and embrace the notion that we learn all the time to serve our coworkers and Geauga County. Must understand and embrace that this employment learn constitutes both hands-on learning and theoretical learning.

**EQUIPMENT OPERATED:** The following are examples only and are not intended to be all inclusive: Traffic control tools, hand tools, power tools, chainsaw, dump-truck, snowplow truck, tractor, chipper, roller, loader, power broom, air compressor, weed whacker, crack sealer, tack buggy, lawn mower, etc.

### INHERENTLY HAZARDOUS OR PHYSICALLY DEMANDING WORKING CONDITIONS:

The employee must negotiate, use, work with, or in the vicinity of: public roads floor and wall openings; open-sided floors; platforms and runways; portable and fixed ladders; stairs and scaffolding; compressed gases (e.g., oxygen, argon, acetylene); flammable and combustible liquids (e.g., gasoline, diesel fuel, propane); corrosives; air contaminants; hazardous chemicals; human blood or other potentially infectious materials; personal protective equipment including eye and face protection, respiratory protection, head protection, foot and head protection; overhead or gantry crane and other vehicles on a construction site; woodworking equipment; hand and portable tools; abrasive wheels; arc welding and cutting; electrical wiring; other construction activities; lift up to one hundred fifty (150) pounds and carry up to eighty (80) pounds.

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Date Adopted: 1-19-18

Date Revised: 1-19-18

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Note: In accordance with the U.S. Department of Labor physical demands strength ratings, this is considered medium work.

### **JOB DESCRIPTION AND WORKER CHARACTERISTICS:**

JOB DUTIES in order of importance

**ESSENTIAL FUNCTIONS OF THE POSITION:** For purposes of 42 USC 12101:

- 30% (1) Performs snow and ice control activities and applies brine material;
- (2) Performs traffic control and maintenance of traffic in active work zones within and outside of the right-of-way.
- (3) Performs various tasks related to crack-seal operations.
- (4) Installs, removes and repairs guardrails; performs bridge maintenance and repair; operates light equipment such as saws, chippers, rollers, front end loaders, power broom, air compressor, and welders to assist in construction and repair of roads, ditches, bridges, and related areas. Performs routine preventative maintenance on various equipment operated (e.g., checks fluid levels, tire pressure, lights, brakes and other safety devices, washes vehicles, etc.) and reports problems and/or malfunctions to the proper authorities; maintains records reflecting fuel used to operate equipment; stock piles salt and cinders. Operates mowers, road side mowers, and boom mowers.
- 20% (5) Performs sewer/drive pipe/crossover jetting; performs unskilled and semi-skilled labor to assist other maintenance workers in constructing and repairing roads, ditches, bridges, and guardrails; operates small hand tools and power tools such as chain saws, rakes, air tools, and shovels; performs culvert installations and repairs; removes and trims trees from roadways.
- 20% (6) Performs hydroseeding; performs berm and ditch maintenance as needed; performs heavy manual labor tasks such as shoveling, raking, and other tasks necessary on road, bridge and drainage crews in maintenance or construction type situations.
- 20% (7) Assists the Maintenance Repair Worker in completion of projects at the highway maintenance facility.
- (8) Performs additional traffic control activities, including flagging, sign placement, and use of traffic control vehicles.
- (9) Performs mowing, janitorial services, building maintenance.

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- 5% (10) Maintains required licensures, certifications, and continuing education requirements, if any.  
(11) Meets all job safety requirements and all applicable safety standards that pertain to essential functions.  
(12) Demonstrates regular and predictable attendance.
- 5% (13) Performs other related duties as assigned.  
(14) Attends staff meetings, educational sessions, work session, and training sessions as assigned.

NOTE: May be required to be on call 24 hours a day, as necessary.

**MINIMUM ACCEPTABLE CHARACTERISTICS:** (\* indicates developed after employment)

**Knowledge of:** \*Engineer's goals and objectives; \*Engineer's policies and procedures; department goals and objectives; department policies and procedures; safety practices and procedures; emergency response operations for release, or threats of release, of hazardous substances (asphalt); two-way radio operations; road construction, maintenance, and repair; proper lifting techniques; snow and ice removal. Must have an understanding of the theoretical and practical application of the leader-leader philosophy of leadership, and must completely read the book *Turn the Ship Around!* by L. David Marquet.

**Skill in:** Traffic control, road maintenance, building maintenance, janitorial services, grounds maintenance, motor vehicle operation; snow and ice control operation; equipment operation; operation of light and heavy hand held equipment.

**Ability to:** carry out instructions in written, oral, or picture form; deal with problems involving several variables within familiar context; recognize unusual or threatening conditions and take appropriate action; communicate effectively; cooperate with co-workers on group projects; develop and maintain effective working relationships; resolve complaints; perform heavy manual labor for extended periods of time in often adverse conditions; travel to and gain access to work sites.