

**HIDALGO COUNTY
ROAD & BRIDGE
PAVED/UNPAVED**

Job Title:	Mechanic II	FLSA Status:	Non-Exempt
Department:	2121, 2521, 3121, 3521	Civil Service Status:	Non-Exempt

SUMMARY

Maintain and repair assigned equipment with responsibility for quality on this equipment. Perform all kinds of welding, brazing, and cutting using gas and electric welding equipment. Maintains and repairs all gasoline and diesel-powered vehicles, machinery, small engines and equipment. Maintains and repairs heavy equipment and rebuilds engines and transmissions. Employee will service road equipment and perform miscellaneous vehicle/equipment maintenance duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Fabricates equipment by cutting, burning, and welding various metal materials.
- Repairs equipment by using welding techniques and appropriate welding equipment.
- Operates and provides services utilizing service truck as directed.
- Cleans and prepares surfaces to be welded.
- Sets up, assembles, and tacks weld parts.
- Builds up worn or defective surfaces.
- Uses burning equipment to dismantle assemblies and to cut material to size and shape.
- Repairs and performs preventative maintenance on all Precinct equipment.
- Trouble-shooting and cost estimates on repair jobs and preventative maintenance.
- Plans work schedule and sets priorities.
- Removes unit such as engine, transmission or differential.
- Raises vehicle with hydraulic jack or hoist to gain access to mechanical units bolted to underside of vehicle.
- Repairs parts such as crankshafts and cylinder blocks. Rewires ignition system, lights and instrument panels.
- Relines and adjusts brakes, repairs or replaces shock absorbers and solders leaks in radiators.
- Repairs hydraulic systems, diesel engines, gasoline engines and heavy equipment.
- Able to read wiring diagrams and oil circuits.
- Able to work with a variety of hand and power tools.
- Regular attendance is a must.
- Ability to work well with others.

QUALIFICATION REQUIREMENTS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

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EDUCATION and/or EXPERIENCE

- High School diploma or general education degree (GED) preferred;
- Five years of increasingly responsible auto repair/welding experience; or
- Any equivalent combination of experience and training which provides the required knowledge, skills and abilities.

CERTIFICATES, LICENSES, REGISTRATIONS

- Must possess valid Texas Motor Vehicle Operator's license;
- Must be able to be insured by County's insurance carrier.

OTHER SKILLS AND ABILITIES

- Ability to read and interpret documents such as safety rules, maintenance instructions and procedure manuals.
- Bilingual ability (Spanish and English) with the ability to converse in both languages, preferred.
- Ability to calculate figures and amounts such as simple addition, subtraction, multiplication, and division.
- Ability to understand and follow written and oral instructions and directives.
- Must be able to perform duties of Mechanic I.
- Employee may be assigned other duties in addition to those listed; duties may change according to the changing needs of the County.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is required to talk or hear. The employee is required to stand. The employee is required to walk; sit; use hands to finger, handle, or feel objects, tools, or controls; reach with hands and arms; climb or balance; stoop and kneel.

The employee must occasionally lift and/or move over fifty (50) pounds. Specific vision abilities required by this job include close vision, depth perception and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job.

Work involves considerable stooping, bending, and working in overhead structures and on scaffolds. Considerable glare emits from work, requiring the wearing of personal protective equipment. Exposed to moderate burns and exposed to flying objects, such as chips and scale. Work also involves varying degrees of precision and control where damage could be considerable.

The noise level in the work environment is usually loud.

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SAFETY REQUIREMENTS

Maintain physical conditions appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time
- operating assigned equipment

Maintain mental capacity which permits:

- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle work environments and conditions which involve:

- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

- making observations
- reading and writing
- operating assigned equipment
- communicating with others

ACCIDENT PREVENTION PROGRAM

Required to follow all department's safety regulations.