

Palo Pinto County Pct. 2
Job Description for Road and Bridge Employees
(Full, Part time, or Temporary)

Brief Description of Job: Road building and general road repair. Be able to operate all heavy equipment, tractors, backhoes, brush cutters, front end loaders, dump trucks (large or small), motor graders, welders, cutting torch, air compressors, hand tools. Perform maintenance on all types of equipment (large or small).

Essential Functions of the Job: 1. Road rebuild and general repair. Using heavy equipment including dump trucks, motor graders, front end loaders, backhoes, etc... Hauling gravel and rock from pits to designated locations. Spreading oil and rock (chip seal)... Operating durapatcher.
2. Use of hand tools, such as: shovels, rakes, axe, sledge hammer, t-post driver, chain saw, etc... Haul and spread cold mix, asphalt, sand oil etc...
3. Use of tractors to clear right of ways and remove brush, including operation of wood chipper. Use backhoe and or front end loader to clean ditches. Use of dump trucks to haul debris away.
4. Use of mechanical tools and welder, lawn mower, do maintenance on equipment, possibly overhaul engines, transmissions, and ability to learn or do whatever is required.

Physical Demands (overall strength): Ability to use shovels or rakes, (shovel of rock-50lbs.) raking or smoothing asphalt (30lbs.), operate a jackhammer (80lbs.). Clean trucks and equipment. Ability to walk on uneven terrain, or through asphalt, concrete, water, mud, rock.

To operate trucks, heavy equipment, make reports. Read maps and find locations.

Hand loading of materials:

Gravel - 50 lbs	Loose asphalt - 30lbs	Sand oil - 40lbs
Jackhammer - 80lbs	Cement sacks - 94lbs	Axe - 15lbs
Brush - 25 to 50lbs	Culverts - 100 + lbs (with assistance)	

To install culverts, lift tools from ground, work and climb on heavy equipment.

Operate telephones, radios, take and read memos, use of reference manuals & materials.

Ability to use mops, brooms, paint brushes.

Write reports on work done, estimate amount of materials needed to do the job you are assigned.

To operate vehicles and equipment in a safe manner. To read orders and complete paper work.

Climbing under bridges, up or down embankments to inspect culverts, bridges, collect trash, remove dead carcasses.

Many jobs require repetition, up and down, or back and forth, bending etc...