RAPID CITY STREET DEPARTMENT

Patches, Potholes, Snow removal and much more
Department Employees

- 45 Employees
  - 6 Operators + 1 Night Shift Crew Chief
  - 20 Operators + 3 Day Shift Crew Chiefs
  - 1 Supervisor
  - 1 Superintendent
  - 1 Administrative Secretary
  - 1 Fleet Coordinator
  - 10 Equipment Mechanics
  - 1 Equipment Supervisor
STREET DEPT EQUIPMENT

- We have a total of 165 different pieces of equipment.
- The equipment is for all of the various different issues we address.
- We have a concrete and a guard rail van
- Plus saws, viber plates, jack hammers, asphalt rollers, various other equipment.
- Pick ups for various jobs.
- Trailers and compressors.
- We have 2 pot hole patching trucks   POT HOLE HOT LINE 394-4152
- Safety trailer set up primarily for emergency situations to assist PD and Fire
- 1999 Gilcrest Paving machine
57 Different Pieces of Snow Equipment

- 26 Sanders with Plows
- 5 Double Wing Trucks with Sanders
- 4 Pickup Trucks with Sanders and Plows
- 2 Pickup Trucks for Salt Brine
- 5 Motor Graders with wings and 2 Without Wings
- 2 Front Loader Mounted Snow Blowers and 1 Self-propelled Snow Blower
- 4 Bobcats
- 1 Backhoe
- 3 Front end loaders
- 5 trucks with just plows
DUTIES OF THE DAY CREW

The Street Dept. does patches for the contractors that are up to 300 square foot, so as to not compete with the private contractors.

• In our 2017 season we did approximately 450 plus patches
• Patches for the Water and Sewer Dept.
• Additional work for other Divisions throughout the year.
• We also do street patches that are going to become problem areas in the future.
• While staying in communication with Engineering to make sure they are not on up-coming projects
DUTIES

• We blade and maintain the alleys and gravel roads within the city.

• Concrete work is another item we address

• We address and fix any guard rail that is impacted by vehicles throughout the city. Then bill the responsible party for the repair of the damaged guard rail system.

• Our division puts out barricades for special events held in our community.

• The Street Department also supports the Police and Fire Departments.

• (The fire at the Ultra Max ammunition facility this season.)

• We sweep numerous islands, by hand to keep the city looking as clean and inviting as possible.
DUTIES

• Our Division goes through the entire city in an orderly fashion and sweep the residential streets on a daily basis.

• In 2017 we swept 2307 tons of material, in 2018 we have swept 2596 tons of material off the streets to date, to comply with air quality standards and the fresh water fishery.

• This is then hauled and stored at our facility until it is dry enough to take to the Material Recovery Facility to be used for cover.

• The Street Dept. is always ready and on call for any natural disaster or emergency situation.

• Our Division is on call 24/7.

• Re-route calls from PD to the right Divisions, Traffic, Parks, Water, Wastewater, State, County, or other Emergency agencies

• We also address any concerns the citizens may have.

• Working closely with City Code Enforcement
DUTIES

• The employees put up snow fence in various different locations throughout the city in the fall. Then remove it and store it for the next upcoming season.

• In the fall we put all of the sander bodies and snow plows on the dump trucks.

• Then in the spring we toughly clean them and inspect them for damage and remove them.

• We also remove any of the snow build up that becomes a hazard throughout the winter.

• There are various city sidewalks that we remove the snow from after a snowfall event.

• In a work day our employees can go from working on the patch crew to operating a sweeper to running a sander plow truck to operating a motor grader depending on the changing weather.
Night Shift

- Works Sunday to Thursday hours are 9:00pm – 5:30am
- Duties include, but are not limited to
  - Sweep Main lines on nightly basis
  - Sweep Downtown core every Sunday Night
  - Contractor Patches and general patching that are in high traffic areas
  - Doing pot hole patching in high traffic areas
  - Our eyes and ears at night
    - SNOW REMOVAL
  - The Night Crew has 7 different snow routes that they are responsible for
  - They have 23 different Schools to address and maintain within those routes
  - They also take calls from PD, Fire Dept., and Dispatch for trouble areas
MAINTAINING GRAVEL ROADWAYS
SWEEPER DUMPING DEBRIS
POT HOLE PATCHER AT WORK
WEATHER RELATED DUTIES

• The Street Dept. works in all extreme weather conditions, while continuing to utilize the best techniques at our disposal.

• We closely monitor the weather forecasts for our surrounding area to be prepared for any upcoming events.

• During a winter storm event we plow from center line to curb line for the safety of the public and for liability issues.

• We currently have 19 different snow routes for the day crew and 7 different routes for the night crew.

• During a snow event we have 2 shifts working 15 hours each with a continuous overlap of employees.

• Rapid City has an estimated 1500 lane miles.

• An average cost of salt ordered from 2014 to 2017 was $557,750.00 in 2013 it was $951,000.00 and for 2018 it is estimated at $739,000.00.
PLOWING WITH DOUBLE WING TRUCK
SNOW PLOWING PROCESS
DOUBLE WING  6 WHEEL DRIVE
SNOW REMOVAL & SANDING STEETS
MECHANICS DUTIES

• Our mechanics are responsible for a wide variety of repairs.
• They service all City Depts. with the exclusion of the Parks Dept. and the Sanitation Division.
• Repairs cover general maintenance items such as oil changes, tire repair, brakes, lights and etc.
• They also do Major repairs on engine, transmission, and drive trains.
• The mechanics are required to know how to work on large and small gasoline and diesel equipment.
• They must also be able to operate diagnostic tools for all electrical repairs.
ADDITIONAL MECHANICS DUTIES

• They must have a basic knowledge of fabrication, welding and hydraulic repairs.
• The equipment they are asked to work on range from a small concrete saw to a front end loader, street sweeper, maintainer (blade).
• They do all the maintenance on all the Police Dept. Vehicles.
• PLUS Come in to assist with Snow Removal after hours.
ADMINISTRATIVE SECRETARY

- Our Administrative Secretary assists with all of the correspondence from the other Divisions.
- Pays all of the bills and keeps records of any purchases made.
- They are also our first line of contact with the public when they call with a concern.
- Directs citizen concerns to the appropriate personal.
- They also keep track of all of our staffs vac, sick leave and all annual leave.
- Is in charge of payroll for the Street Division.
FLEET MAINTENANCE COORDINATOR

- There is also a Fleet Maintenance Coordinator in our Division that assists in the writing of the specifications for the equipment purchased by the city.
- Their assistance is there for any division to utilize as needed.
- Prepares the advertising authority, agenda summary and bid packets needed for purchase of equipment.
- Maintains the records for the equipment repairs.
- Does the payroll for the Street Dept. Mechanics.
SNOW EQUIPMENT
STREET DEPT DUTIES

• In closing the Street Department does what ever we are called upon to do to make Rapid City the best possible place it can be to live, work, and enjoy the beautiful community where we are fortunate enough to live.