

# FLEET SERVICES/ MANAGEMENT

2019

# The Fleet Team



# Fleet Function

- ▣ Maintenance and repair
- ▣ Parts inventory and management
- ▣ Fleet capital plan, life cycle management
- ▣ Fuel sites management
- ▣ Wash Bay upkeep maintenance
- ▣ 24/7 on-call for any departments vehicle or equipment problem
- ▣ Public works snow removal and yard maintenance

# Fleets Goal

## Accomplishments & Standards

- ▣ Keeping the public and staff safe out in the County, through quality maintenance and repair of the County's rolling assets
- ▣ Strive for less than 5% of Fleet out of service at any given time
- ▣ Keeping operations running around the clock with correct equipment and support needs
- ▣ Continue to keep up with the growing Fleet
- ▣ Keep up with vehicle and computer management technology
- ▣ We are an ASE Blue Seal Shop, Master Technicians
- ▣ Also we have master EVT, Emergency Vehicle Technician in the shop

# Fleet Size

- ▣ Fleet Services & Maintains 492 Vehicles and Equipment
- ▣ 438 County Department Assets
- ▣ 54 Aspen Fire



# Vehicle and Equipment usage

- ▣ Over 1,225,000 miles a year
- ▣ Sheriffs account for 600,000
- ▣ Large Trucks and Equipment are used over 35,000 hours a year
- ▣  $\frac{3}{4}$  of that during the Winter for Snow removal operations

# Fleet Service

- ▣ Fleet performs over 2700 different services and repair jobs every year
- ▣ 550, Preventive maintenance, oil changes and routine service
- ▣ 350 Field repairs, AOC, Landfill and Other Road calls in the county, and even some times out side the county
- ▣ That is 225 different repairs a month, 45 repairs per person, or 2.8 Different tasks a day for the 5 Mechanic on the shop floor.
- ▣ Some tasks can take weeks or 2 people, It's a busy place

# Annual supplies

- ▣ Fleet procures and disperses 15,000-25,000 individual parts a year, averaging
- ▣ \$750,000 to \$1,000,000
- ▣ We supply and Monitor 3 Fuel Dispensing sites
- ▣ 70,000 gallons of Gasoline and 130,000 gallons of Diesel
- ▣ Cost of over \$500,000 pending the market



# Fleets Growth in the last 10 years

- ▣ Outside Agency 54 assets (Aspen Fire Contract)
- ▣ County department growth is over 200 assets
  - Vehicles/equipment, and specialty attachments
    - ▣ Department operations in-house changes (Landfill)
    - ▣ Airport Growth and others
- ▣ Added staffing
  - two full time Mechanics
  - one Fleet analyst
    - ▣ Two additional request coming in 2020 budget process
- ▣ 2/3 of all the growth has wheels, 1/3 is the special equipment and attachments

# Yearly Capital Plan Implementation

- ▣ Fleet get with departments the year before and work on there operational needs and look at there Fleet replacement schedule
- ▣ Once the budget has been adopted we proceed with specification building and then Use Formal RFP's, State bid piggy back contracts, National Cooperative purchase agreements to find and purchase vehicles and equipment planned to be replaced.
- ▣ We administrate and help with the install of aftermarket equipment to meet the department needs, IE plows, Lift Gates, Lights, anything needed to equip the asset for the using Department

# Aspen Fire truck water pump test & certification day





# New equipment coming In Landfill loader



# Installing a new plow on an Airport pick up





# Inspecting a new R&B plow truck at equipment installer Colorado Springs





# Vehicle and Equipment Complexity

- ▣ The new age of Computers is all around us
- ▣ Automobiles have changed, from Checking tire pressure with a computer to using computers for everything aspect of the vehicle maintenance and repair. 5-50 Computers are on each vehicle these days.
- ▣ Every system has a computer component that monitoring it functions and static.
- ▣ 10 plus software programs with 3 Dedicated computers for Diagnosing the wide verity for vehicles and equipment in the County's Fleet.

# Trouble shooting transmission noise



# Checking tire press on a sheriff Tahoe





# Computerized Alignment on R&B pick up



# On Line Auction

- ▣ Fleet Auctions off 20-50 Items a year generating revenue of \$150,000-200,000
- ▣ We strip all the County Assets of their Decals, give them a good check over to make sure they are safe and in good working order before auctioning them to the public.
- ▣ This can take from hours to days depending the vehicles and equipment's outfitting, IE decals, equipment being reused, radios, lights.



# Vehicles ready for auction block





# Pictures of what goes on out at the Fleet shop





# Split Tractor for special low range gear install





# New Electric Vehicles





# Pulling an Engine to repair Fly wheel missing teeth





# Where is the cab?



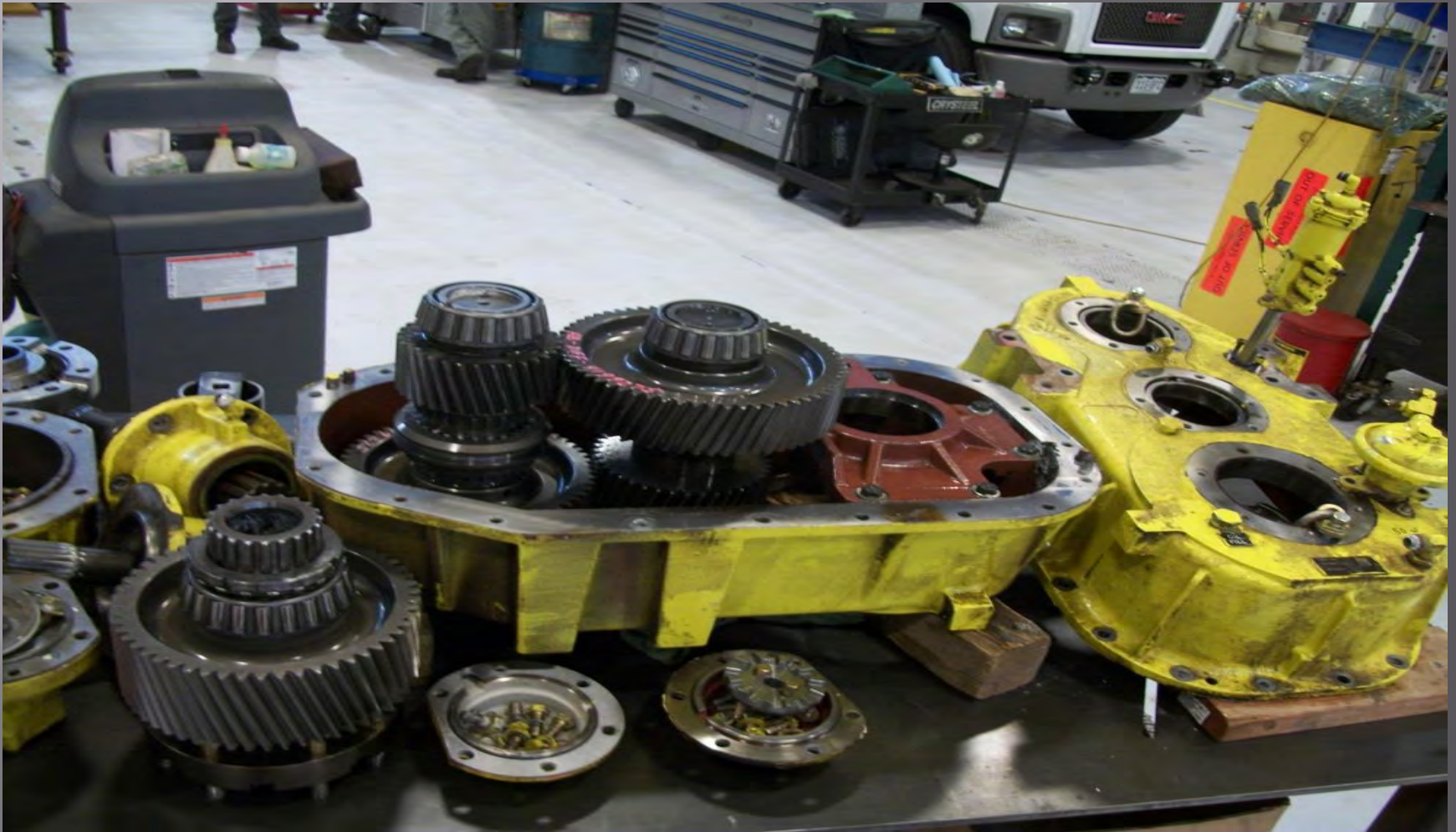


# Cab removable for hydraulic/ transmission leak repair





# Transfer case repair



# Special High Torque tools for the Job





# Late all night service on Airport ARFF Truck





# Airport Equipment Summer Seasonal Repairs





# Road Call work on Motor Grader



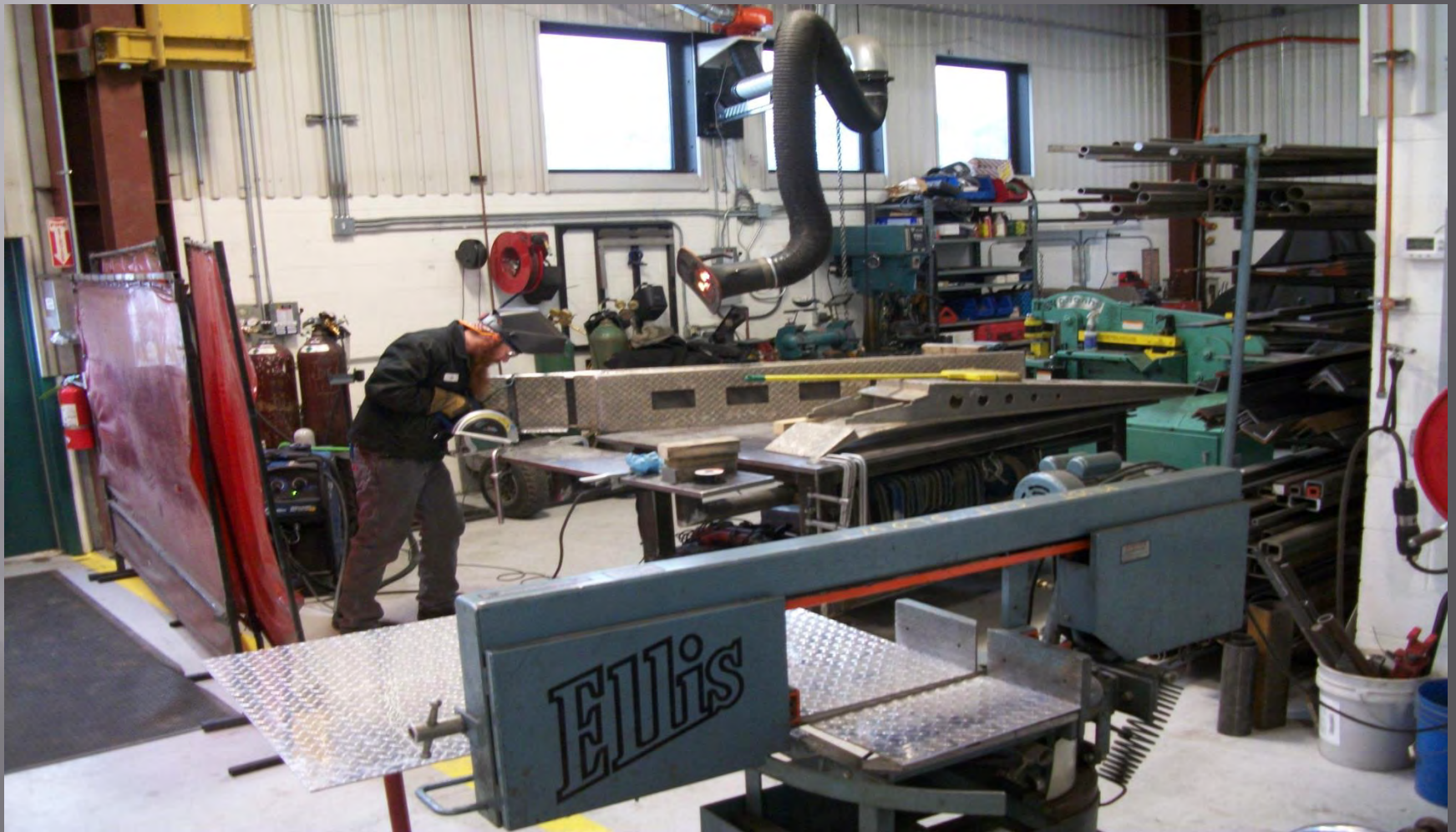


# Working on Emergency response Vehicles





# Working in the Metal Fabrication Room, Repairing Trailer ramps

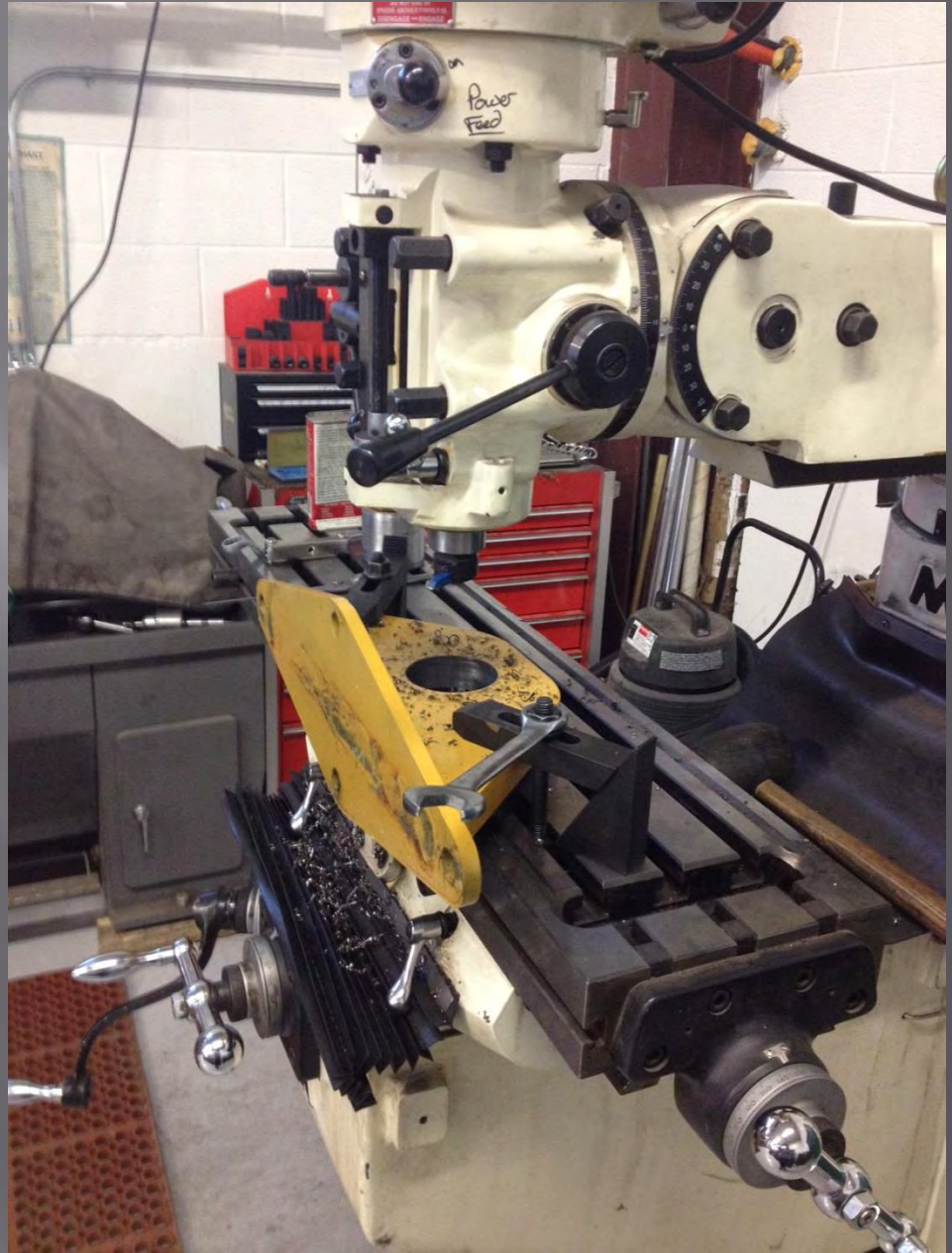




# More Metal Working, Getting ready for Landfill operations



# Using the Drill Press/ Mill for Grader Plow repair





# Seasonal Tire change over



# Winter/ Summer preparations Preparations Installing and Removing Equipment



# Pitkin County Fleet

▣ Questions