A wide-angle photograph of a large industrial garage or workshop. The space is filled with various pieces of equipment and vehicles. On the left, a white truck with a blue cab is parked. In the center, a yellow front loader with the number '772CH' is visible. To the right, there's a large yellow piece of machinery, possibly a generator or a large pump, with the number '359' on it. The floor is concrete with yellow safety lines. The ceiling is high with exposed pipes and several bright overhead lights. The overall atmosphere is that of a busy, well-equipped maintenance facility.

# Facilities and Fleet Management

Alisha Reis  
*Deputy County Manager*  
*Adams County*

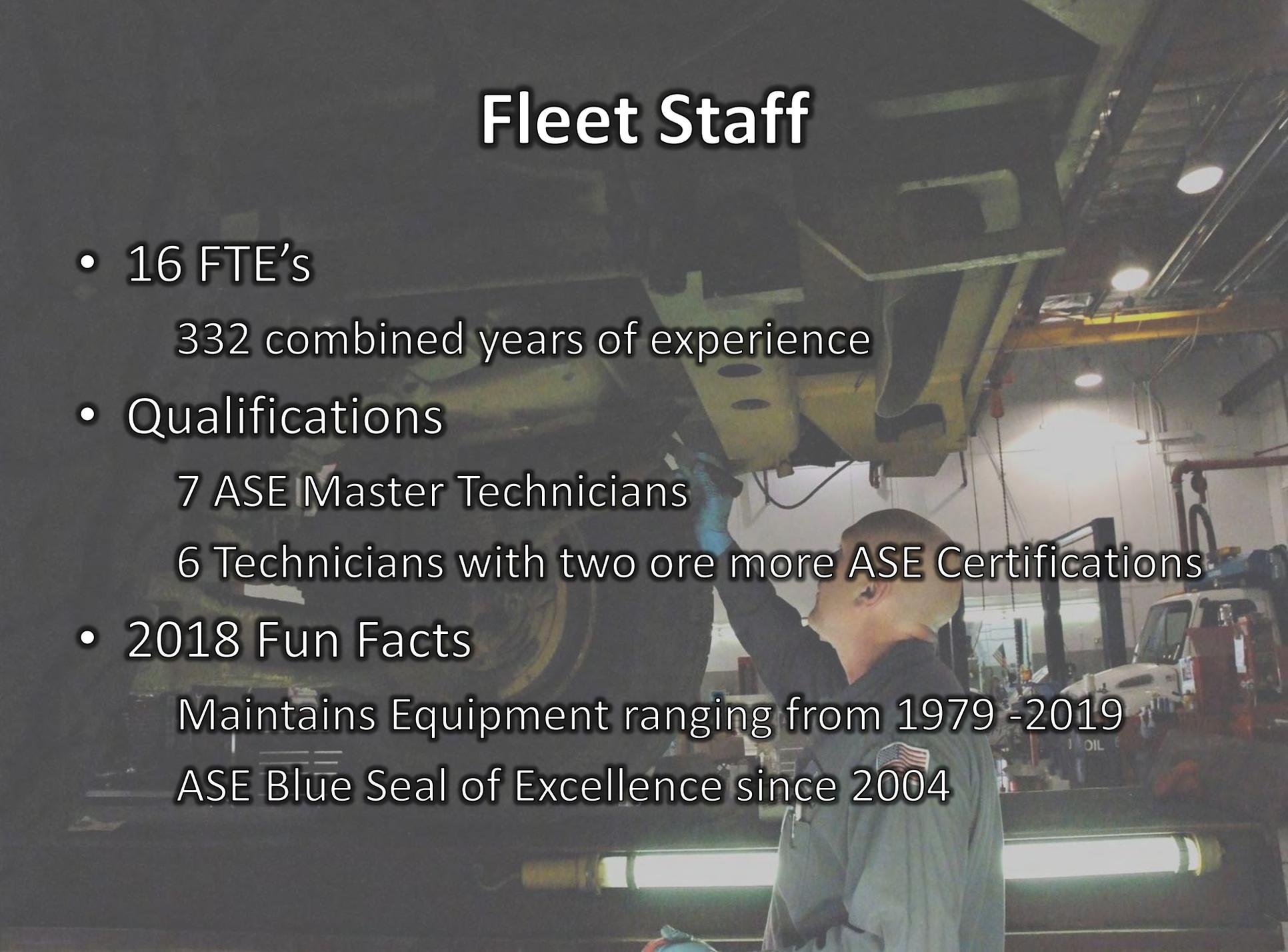


# Fleet Department Overview

- Fleet Staff
- Fleet Management Fund
- Fleet Vehicles and Equipment
- Operations and Maintenance
- Depreciation and Rental Rates
- Environmentally Friendly Programs



# Fleet Staff

A technician in a dark uniform with an American flag patch on the sleeve is working on a vehicle that is elevated on a yellow lift in a garage. The technician is wearing blue gloves and is focused on the underside of the vehicle. The background shows the interior of a well-lit garage with various tools and equipment.

- 16 FTE's
  - 332 combined years of experience
- Qualifications
  - 7 ASE Master Technicians
  - 6 Technicians with two or more ASE Certifications
- 2018 Fun Facts
  - Maintains Equipment ranging from 1979 -2019
  - ASE Blue Seal of Excellence since 2004

# Fleet Vehicles and Equipment

A yellow backhoe loader is the central focus, parked on a paved lot. A person in a dark uniform stands to the right of the backhoe. In the background, a large blue truck is partially visible. The scene is set outdoors under a clear sky.

- 564 Vehicles and Equipment
  - 40 Classes of Vehicles and Equipment
- 14 Departments / Elected Offices
  - 41 Sections / Divisions
- 2018 Fun Facts
  - Purchased 70 Vehicles/Equipment
  - Repaired 60 Hail Damaged Vehicles
  - 4,536,922 miles traveled

# Fleet Management Fund

- Fund accounts for vehicle depreciation and operating and maintenance rates charged to user departments and offices for the maintenance and future replacement of County-owned vehicles and heavy equipment
- Special Revenue Fund (Internal Service Fund only)
- Asset sale reinvest into the Fund



# Depreciation of Vehicles

	Years	Miles	Hours
Small Equipment	6	N/A	5,000
Sedans & Pickups	3-10	100,000	N/A
Dump Trucks & Semi Tractors	10	300,000	N/A
Semi Trailers	10-12	N/A	N/A
Light Duty Trailers	10-12	N/A	N/A
Heavy Construction Equipment	10-12	N/A	12,000

\* This is set by Industry Standard / Best Practices for Adams County



# Example: Depreciation Rate

$$\frac{\text{Cost of Vehicle}}{\text{Life Cycle (months)}} = \text{Monthly Rental Rate}$$

John Deere Grader Unit #404:

$$\$281,109 / 84 \text{ Months} = \$3,347$$



**EQUIPMENT HISTORY  
 COST AND QUANTITY - DETAIL REPORT  
 FOR THE PERIOD 01/01/2018 TO 12/31/2018**

ADAMS CTY FLEET SERVICES  
 3150.rpt

PAGE: 1  
 DATE: 5/20/2019

Dollar values shown in this report represent costs to the equipment. They do not include markup.  
 You can choose to include warranty costs in Maint \$ and Repair \$ or not. Warranty costs are always included in Total \$.

COMPANY: 001 - Adams County Fleet

CLASS: 5800 - GRADER

EQ NUMBER: 404    UID: 2555    DESCRIPTION: 2017 JOHN DEERE 772G    CLASS: 5800    DEPARTMENT: 570

MO/YEA	TOTAL \$	OPERATING \$	MAINT & REP \$	MAINT\$	REPAIR \$	WARR \$	ACCIDENT	FUEL \$	FUEL QTY
01/2018	503.35	503.35	5.47	0.00	5.47	0.00	0.00	497.88	230.6
02/2018	1,755.14	1,755.14	1,045.36	998.21	47.15	0.00	0.00	709.78	333.8
03/2018	1,012.17	1,012.17	11.75	0.00	11.75	0.00	0.00	1,000.42	477.0
04/2018	2,203.05	2,203.05	1,203.81	0.00	1,203.81	0.00	0.00	999.24	441.7
05/2018	2,205.30	2,205.30	772.47	0.00	772.47	0.00	0.00	1,432.83	587.1
06/2018	1,094.08	1,094.08	702.78	0.00	702.78	0.00	0.00	391.30	156.0
07/2018	2,107.75	2,107.75	981.56	796.47	185.09	0.00	0.00	1,126.19	454.8
08/2018	3,431.17	3,431.17	2,113.95	0.00	2,113.95	0.00	0.00	1,317.22	553.5
09/2018	736.98	736.98	30.63	0.00	30.63	0.00	0.00	706.35	288.8
10/2018	961.70	961.70	50.16	0.00	50.16	0.00	0.00	911.54	360.4
11/2018	2,135.48	2,135.48	1,619.13	1,619.13	0.00	0.00	0.00	516.35	211.0
12/2018	2,503.56	2,503.56	2,022.28	1,400.46	621.82	0.00	0.00	481.28	241.4
EQUIP	20,649.73	20,649.73	10,559.35	4,814.27	5,745.08	0.00	0.00	10,090.38	4,335.9
METER DRIVEN	TOTAL CPM	OPER CPM	M & R CPM	MAINT CPM	REPAIR	WARR CPM	ACC CPM	FUEL CPM	MTR/GAL
1,113	18.553	18.553	9.487	4.325	5.162	0.000	0.000	9.066	0.26

**2020 O&M Costs -Reconciliation to 2018 Fleet Rental Reate for O&M**

Total O&M Costs Pertaining to Unit 404	\$20,650.00
Divide by 12 to calc 2020 monthly O&M Rental Rate Report	\$1,721.00
2020 O& M Rental Rate (monthly)	\$1,721.00



**Monthly Rental Rate  
 for O&M:\$1,721**

# Rental Rate for John Deere Unit #404

Depreciation Rate *plus* O&M  
Rate *equals* Total Monthly Rate

$$\$3,347 + \$1,721 = \$5,068$$



# Fleet Management Fund Start Up

- Stakeholder Committee
  - Budget, Accounting, Fleet, Purchasing, and all end users
  - Draft Policy/Procedures
- Set aside unrestricted funds
- Identify asset tracking
- Establish timeline



# Benefits of Fleet Fund Approach

- Establishment of ongoing replacement fund vs. one-time capital purchases (budget competition)
- Service, replacement standards and reliability
- Fleet staff knowledge of program needs
- Stable revenue allows for long-term planning for program, vehicle needs
- Open book cost transparency to end users



# Environmentally Friendly Programs

- Mack Dump trucks – 25
  - Idle timers enabled and set to 5 minutes once reaches operating temp
- Hybrid – 8 vehicles
- Electric Vehicles – 1 pool vehicle
- Electric Charging Stations – 9 stations (installing 4 more in 2019)
  
- GPS on Vehicles
  - Tracked vehicles in emergency situations



# Fleet and Public Works Building: 2020



Questions

