

A wide-angle photograph of a large industrial facility, likely a warehouse or a large garage. The space is filled with various pieces of equipment. On the left, a white truck is parked. In the center-right, a large yellow excavator is the main focus. The floor is concrete with yellow safety lines. The ceiling is high with exposed metal beams and numerous bright lights. The background shows large white garage doors.

Facilities and Fleet Management

Alisha Reis
Deputy County Manager
Adams County



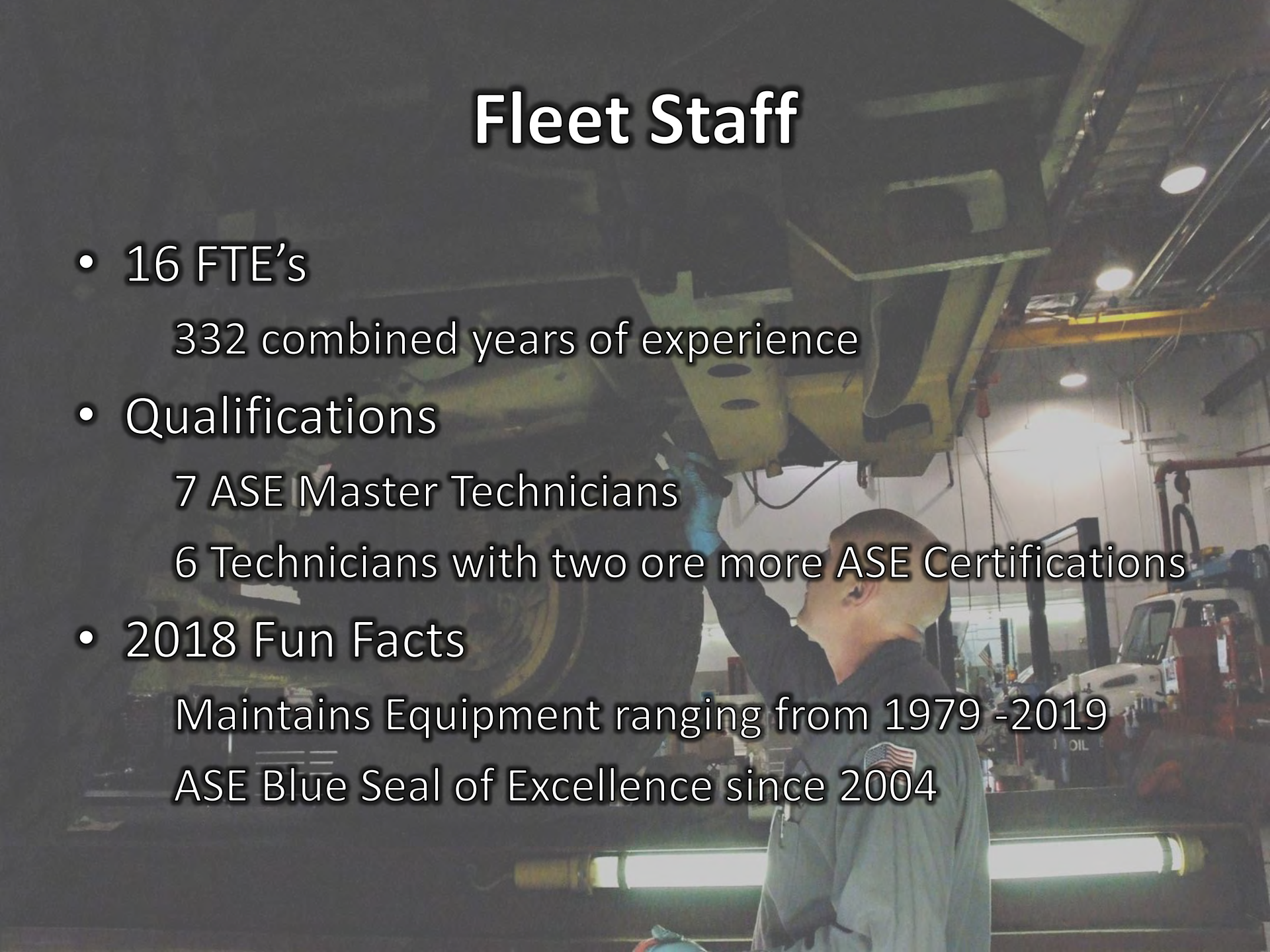
Fleet Department Overview

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



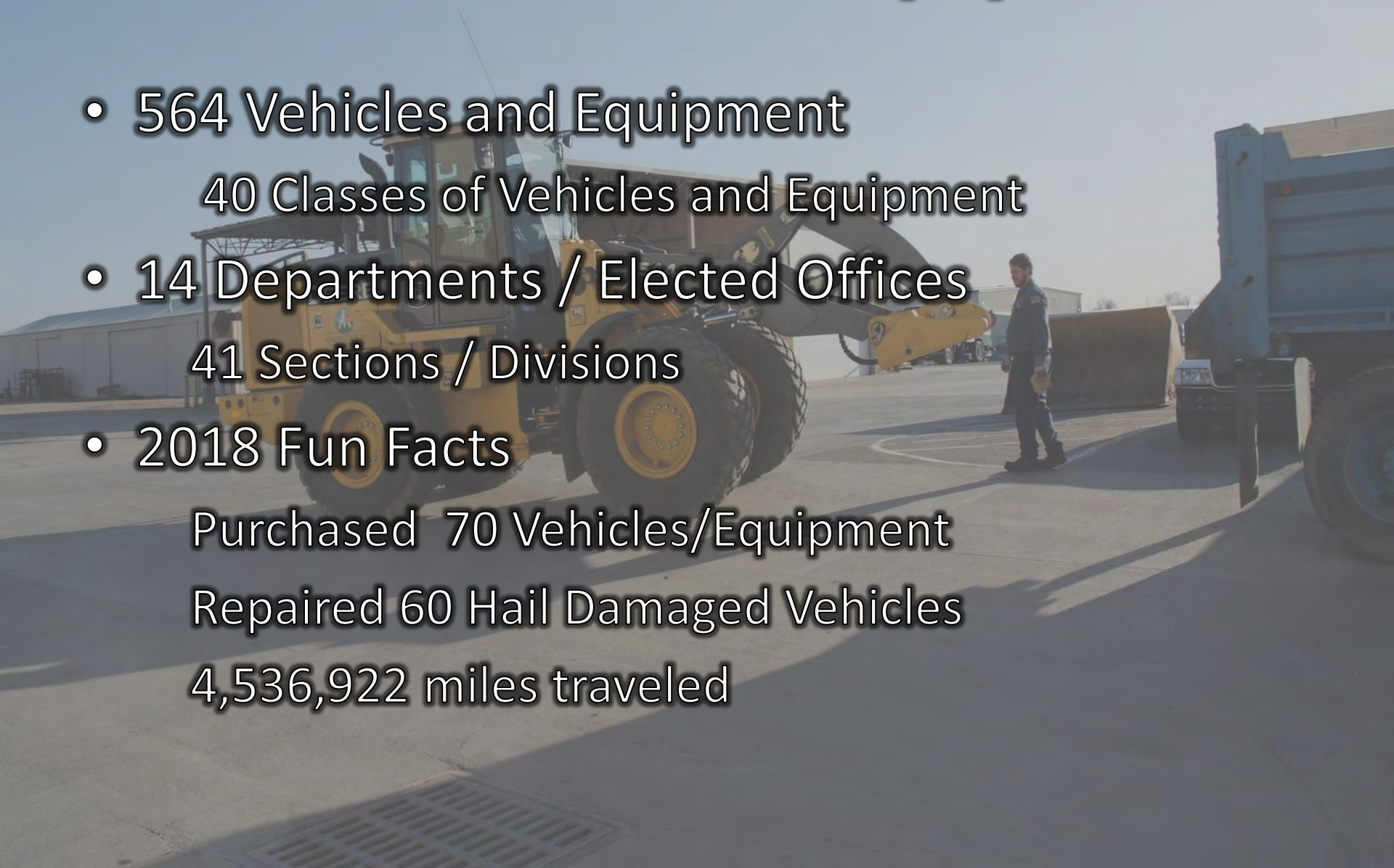
Fleet Staff

- 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

- 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

