

# PennDOT

Organizational Structure  
Fleet Overview  
Asset Management/Funding  
Training

# Organizational Structure

- Central Office , 5 Deputates
- Bureau of Maint. And Operation reports to Highway Administration
- Fleet Management Division reports to BOMO
- 11 Engineering Districts, Report to the Deputy Secretary for Highway Administration
- 67 County Organizations report to their respective District Offices

# Fleet Management Division Overview

- Operates 3 sections:
  1. Administration Section: Ken Swezey  
Highway Equipment Manager 3 (HEM3)
  2. New Equipment / Specifications: Tom  
Douville HEM 3
  3. Fleet Operations: Mike Connor HEM 3

# Administrative Section

- Training: conducts FM101, operator (truck, loader, excavator, grader, backhoe) and mechanics training
- Fuels: Responsible for both in-house fuel dispensing/storage, retail purchase tracking and data
- Human Resource: All hiring, union issues, intake of new employees and disciplinary conferences
- Statewide storeroom/warehouse: Maintain a >\$3 million dollar inventory for field parts and supplies (filters are a big item)

# New Equipment and Specifications Section

- Specs Section: Develops specifications for all equipment. Works with our Department of General Services to bid equipment
- New Equipment : Responsible for the review of all new equipment for meeting specs as written. 1 person in the intake section.
- Warranty: Department has in-house warranty capability with Mack, International, Component Tech, J&J Bodies. System identifies warranty repair , shop generates warranty work order, FMD warranty person responsible to submit claim to vendor and monitor return

# Fleet Operations Section

- Regional Service Advisors: Field personnel perform quality assurance reviews and provide liason support between the field and the vendors
- Fleet Automotive Shop: Maintain a fleet of 200 “personnel” and specialty vehicles used by C.O.. Maintains pool cars section.
- Component Rebuild: Rebuild and maintain a JIT supply of various heavy and light diesel engines
- Policy and Oversight: Write and oversee the implementation of various policy.

# Fleet Size

- 22,000 pieces of numbered equipment
- 2,252 Dump trucks (1750 tandem Axle, 471 Single Axles and 31 Tri Axles)
- 8,486 pieces of motorized equipment (includes trucks)

# Fleet Value

- Replacement Value \$ 880 mil
- Current “backlog” exceeds \$120 million
- Funding levels decreasing, currently at \$34 mil which is the same level as 1994.



# Funding

- Provided by Motor Licensing Fund (appropriation 582) , equipment funding level is at the discretion of the Secretary of Transportation
- Distribution of funds based on actual utilization
- Utilization considers 27 types of equipment
- Optimum budget is calculated and % of budget calculation is applied to actual budget.

# Funding

- The county orgs are given the *authority* to use Appropriation 582 funding by the Secretary of Transportation
- Distribution of authority is the same as the Capital Budget
- Auction funding is returned to FMD and the Districts

# Challenges

- To sustain the Life Cycle of 12 years on our dump trucks we must replace 186 per year
- Last year (12/13) we replaced 148, this year 125. (can you say hard to recover?)
- Light duty vehicles are under the scrutiny of the Governor's officer.

# Challenges

- Availability of qualified techs
- Maintaining pace with the training related to new technologies
- Sustaining operable and current laptops for the repair facilities this is an issue that the requires constant support from the IT units across the state

# Future Concerns

- Use of alternative fuels
- Consideration being given to CNG (currently have 2- F-350 4 X 4 "shop Trucks"),,, diesel electric hybrid (2- medium duty Freightliner Box Trucks), all electric.