



# Public Works

**Thomas C. Sliwoski, PWLF - Director**

**Dave Irvin, PE – Utilities Supt**

**Steve Yancey – Street Supt**

**Mark Holland – Equip Maintenance/Traffic Supt**

**Tim Powell – Facilities Services/Refuse Supt**

**Carol Milkman – Office Manager**

*“The Department of Public Works team of dedicated professionals provide essential services, necessary to sustain public infrastructure for the residents of Staunton, enhancing quality of life for all.”*



*“The Department of Public Works seeks to maintain its vital role in preserving Staunton’s past, providing for its present needs, and ensuring its future.”*

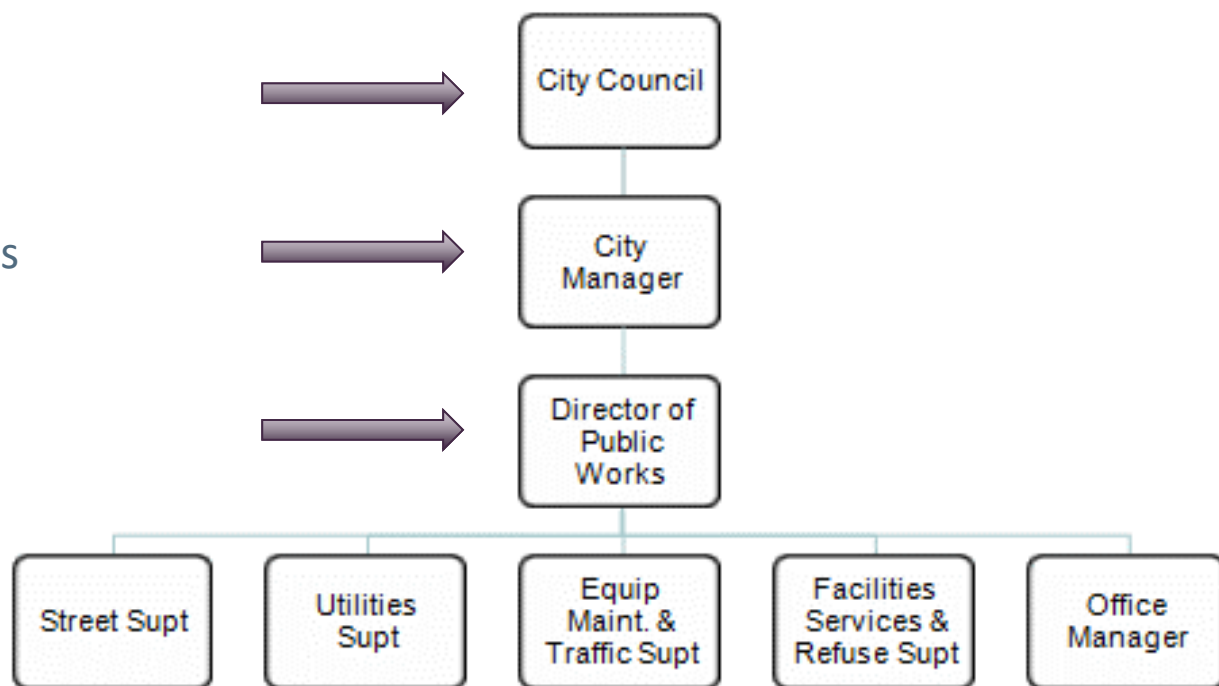


- 
- A horizontal bar composed of ten rectangular segments in various colors: purple, olive green, blue-grey, grey, yellow, dark red, dark blue, tan, teal, and dark olive green.
- ◆ City's largest operational department
    - ◆ 80 F/T employees
    - ◆ 15 P/T employees
    - ◆ Inmate labor (MRRJ)
  - ◆ City's largest departmental budget - \$13M
  - ◆ First Responder
  - ◆ Divisions
    - ◆ Streets
    - ◆ Utilities
    - ◆ Facilities Services/Refuse & Recycling
    - ◆ Equipment Maintenance/Traffic/Parking
    - ◆ Admin/Customer Service/Utility Payment

- ◆ Internal & external customer base
  - ◆ 1,800+ external service call requests
- ◆ Impact every citizen, everyday, everywhere



Citizens



- ◆ General Fund - \$5.9M
  - ◆ Admin
  - ◆ Streets
  - ◆ Facility Maintenance
  - ◆ Equipment Maintenance
  - ◆ Traffic Engineering & Signals
- ◆ Water Fund - \$3.9M
- ◆ Sewer Fund - \$1.3M
- ◆ Environmental Fund - \$1.5M
- ◆ Parking Fund - \$500K



- ◆ Admin – 4
- ◆ Streets – 19
- ◆ Equipment – 4
- ◆ Traffic – 4
- ◆ Water lines – 7
- ◆ Sewer lines – 5
- ◆ Water Treatment – 8
- ◆ Utility Technical Services – 6
- ◆ Facilities – 9
- ◆ Refuse – 10
- ◆ Recycling - 3



Steve Yancey – Superintendent – 2010

- ◆ Maintenance & repair of...
  - ◆ Streets
  - ◆ Sidewalks
  - ◆ Right-of-way
  - ◆ Storm drains
- ◆ Services
  - ◆ Snow removal/ice control
  - ◆ Leaf pickup
  - ◆ Heavy Trash
  - ◆ Street sweeping
  - ◆ Storm response
  - ◆ Street closures



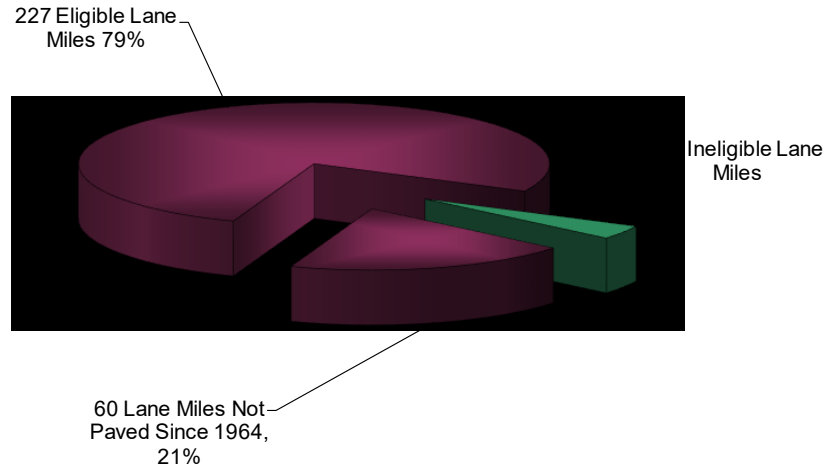
*Photo by Griffin Moores/Staunton News Leader*

- ◆ 20 square miles
  - ◆ 286.57 Lane miles of eligible streets
  - ◆ 134.76 Centerline miles
- ◆ 8.7 lane miles of ineligible streets
- ◆ 18 bridges
- ◆ 700+ acres right-of-way
- ◆ 60+ miles storm drain



# Growth and Inventory

- ◆ 1980 = 193 lane miles & 518 acres row
- ◆ 2019 = 287 lane miles & 700 acres row
  - ◆ 48% increase in lane miles
  - ◆ 35% increase in right-of-way



- ◆ Arterials --> collectors --> connectors --> subdivisions
- ◆ Re-paving based on:
  - ◆ Classification
  - ◆ Volume
  - ◆ Loading
  - ◆ Condition
  - ◆ Age
  - ◆ Construction
  - ◆ Ride-ability
- ◆ Pavement Condition Analysis
- ◆ VDOT Primary Extension Funding





# Equip Maint & Traffic Engineering

Mark Holland – Superintendent – 2007

- ◆ Vehicle Maintenance
  - ◆ Supervisor, 3 mechanics, 1 parts clerk
- ◆ Maintain 223 pieces of rolling stock
  - ◆ Average age 12.8 years
- ◆ Maintain 459 pieces of mechanical equipment
  - ◆ Average age 13 years





# Equip Maint & Traffic Engineering

- ◆ Parking Operations
  - ◆ 2 garages
    - ◆ 520 spaces
  - ◆ 7 lots
    - ◆ 443 spaces
  - ◆ On street parking
    - ◆ 769 spaces



## ◆ Signals

- ◆ 49 signalized intersections
- ◆ 7 flashing lights
- ◆ 10 school zone flashers
- ◆ 8 school zone rapid flashing beacons
- ◆ Video detection - 18 intersections
- ◆ Radio detection – 11 intersections
- ◆ Emergency pre-emption - 20 intersections
- ◆ Adaptive traffic control system - Richmond Ave

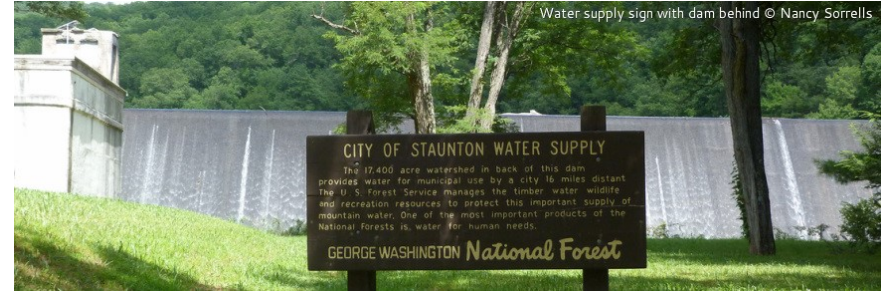
## ◆ Engineering

- ◆ 7,000+ signs
- ◆ 400,000LF of roadway markings



Dave Irvin – Superintendent – 2010

- ◆ Water Treatment Plant – 8 MGD Filtration Plant
  - ◆ 8 F/T Personnel
  - ◆ Avg daily production 3.0 MGD
  - ◆ Storage capacity 7.2 MGD
  - ◆ State awards for 14 consecutive years
- ◆ Excellent source water
  - ◆ Gardner Springs, Middle River
  - ◆ Staunton Dam, Elkhorn Reservoir
- ◆ Agreement w/ Augusta County



- ◆ Water Lines – 6 F/T personnel
  - ◆ 153 miles of distribution plus 22 miles raw water line
  - ◆ 966 fire hydrants
  - ◆ 6 tanks
  - ◆ 11 pressure zones
  - ◆ 10 pump stations
  - ◆ 2,500+ valves
  - ◆ \$300K annual investment for upgrade/repair
  - ◆ Recurring preventative maintenance
  - ◆ Average 110 breaks/leaks per year (50 on mains)
- ◆ Utility Technical Services - 5 F/T personnel
  - ◆ Pumps, meters, SCADA
  - ◆ 9,504 water connections



- ◆ Sewer Lines – 5 F/T personnel
  - ◆ 148 miles of collection system
  - ◆ 3,037 manholes
  - ◆ \$300K annually for upgrade/repair
- ◆ Preventative maintenance and I/I abatement
  - ◆ Average 120 blockages per year (20 – sewer mains)
  - ◆ TV inspection, MH inspection/repair, flow monitoring, smoke testing, dye testing
- ◆ Middle River Regional Waste Water Treatment Plant
  - ◆ Joint ownership w/ Aug Co; daily operations by ACSA
    - ◆ 80% ownership by City
  - ◆ 6.8 MGD plant
    - ◆ City owns 4.9MGD of treatment capacity
    - ◆ Use approximately 2.5MGD



*Photo by Brad Zinn/Staunton News Leader*

# Refuse & Facilities Services

Tim Powell – Superintendent – 1999

- ◆ Refuse & Recycling

- ◆ Landfill

- ◆ 85 acres under Permit #585
    - ◆ Joint ownership w/ County and Waynesboro
    - ◆ Daily operations by ACSA

- ◆ 7 Cells

- ◆ Cells 1-3 filled
    - ◆ Cell 4 currently being used; 5-6 more years
    - ◆ Cell 5 construction within 4-6 years
    - ◆ Capacity 35-45 more years at current acceptance rate

- ◆ Curbside recycling

- ◆ 766 tons collected FY18

- ◆ Regional recycling rate = 31.1%



# Refuse & Facilities Services

- ◆ Facility Maintenance & Repair
  - ◆ 78 facilities (369,000 SF)
  - ◆ Routine maintenance/repair
  - ◆ Minor construction
  - ◆ Custodial
  - ◆ USDA liaison



# Public Works ...

“The heart of every community”

Tom Sliwoski  
sliwoskitc@ci.Staunton.va.us  
540.332.3892