



Public Works

Dave Irvin, PE - Director

Seth Hoilman – Utilities Superintendent

David Stokes – Streets/Traffic Superintendent

Lloyd Otte – Facilities/Refuse Superintendent

Lyle Hartt, PE – City Engineer

Joesette Huffman – Office Manager

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

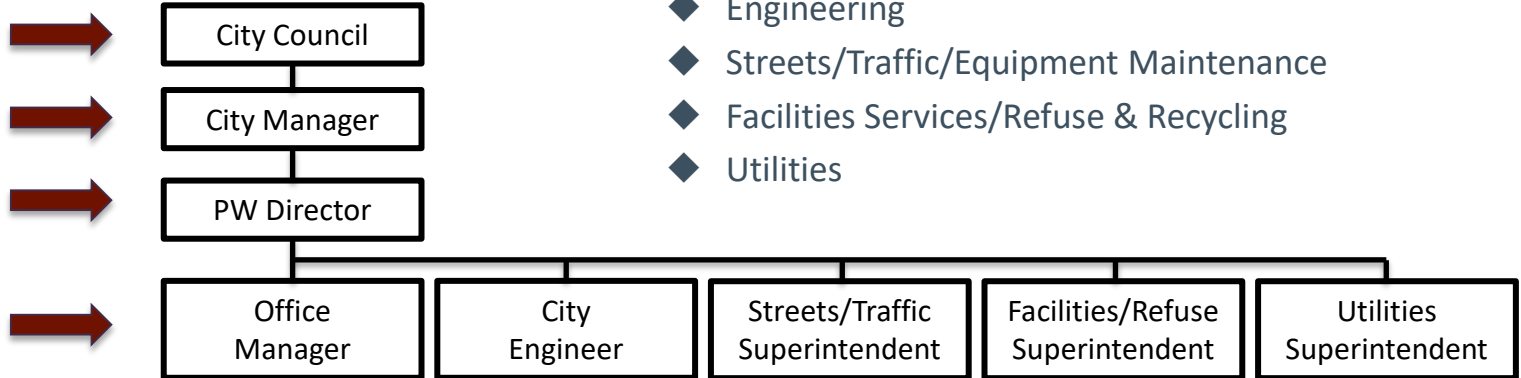


“The Department of Public Works diligently strives to maintain its vital role in preserving Staunton’s past, providing for its present needs, and ensuring its future.”



Organization

Citizens



- ◆ Largest operational department – 86 F/T, 15 P/T employees
- ◆ Largest departmental budget - \$30M
- ◆ Five Operational Divisions
 - ◆ Administration/Customer Service/Utility Payment
 - ◆ Engineering
 - ◆ Streets/Traffic/Equipment Maintenance
 - ◆ Facilities Services/Refuse & Recycling
 - ◆ Utilities

Manpower Allocation

Funded Full-Time Positions

- ◆ Administration – 3
- ◆ Engineering – 5
- ◆ Streets/Traffic/Equipment – 24
- ◆ Facilities/Refuse/Custodial – 27
- ◆ Utilities/Water Plant – 27

We're Hiring!



Billy Davis

Funding Allocation

- ◆ General Fund - \$8.4M
 - ◆ Administration
 - ◆ Streets Maintenance
 - ◆ Facility Maintenance
 - ◆ Equipment Maintenance
 - ◆ Traffic Signals and Control
- ◆ Water Fund - \$10.2M
- ◆ Sewer Fund - \$6.7M
- ◆ Environmental Fund - \$4.5M
- ◆ Parking Fund - \$472K



Administration Division

Joesette Huffman – Office Manager – 2025

Service Oriented Organization

- ◆ External & internal customer base
 - ◆ 5,000+ service call requests
 - ◆ 24/7/365
- ◆ Impact every citizen, everyday, everywhere
- ◆ First Responder



“Quick to Respond, Last to Leave”

Engineering Division

Lyle Hartt, PE – City Engineer – 2020



Michael Faulkner

Engineering Staff

- ◆ City Engineer
- ◆ Senior Project Manager
- ◆ Transportation Manager
- ◆ Construction Manager
- ◆ Special Projects Owner's Representative



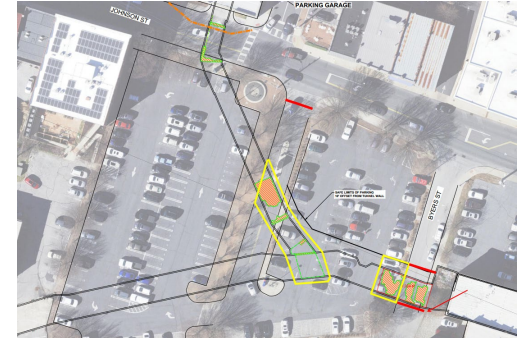
Engineering Functions

- ◆ Oversees Public Infrastructure Design
- ◆ Administers Construction Contracts
- ◆ Administers VDOT-funded projects
- ◆ Maintains City Design and Construction Standards
- ◆ Reviews Development Plans
- ◆ Inspects City Infrastructure Installed by Developers
- ◆ Maintains City Maps
- ◆ Assists with Capital Improvement Plan (CIP)
- ◆ Administers driveway/entrance permits
- ◆ Determines Water & Sewer Facilities Fees



Current Projects

- ◆ Gardner Springs Pump Station Upgrade
- ◆ Juvenile & Domestic Relations District Court House
- ◆ Staunton Crossing Water & Sewer Extensions
- ◆ Gypsy Hill Park Pool House Replacement
- ◆ Storm Tunnel Repairs & Evaluation
- ◆ North Madison Street Improvements
- ◆ Paige/Pierce/Wayne/West Water & Sewer
- ◆ Uniontown Water & Sewer
- ◆ Edgewood Road Sidewalk (VDOT-funded)
- ◆ HSIP Intersections Improvements (VDOT-funded)
- ◆ VDOT Administered Projects
- ◆ Multiple Subdivisions by Private Developers



Streets/Traffic Division

David Stokes – Superintendent – (2019) 2024

Streets

- ◆ Staffing – Supervisor and 10 F/T Personnel
- ◆ Maintenance/Repair of ...
 - ◆ Streets, curbs, sidewalks
 - ◆ Right-of-ways
 - ◆ Storm drainage system
- ◆ Services
 - ◆ Snow/Ice removal
 - ◆ Storm response
 - ◆ Leaf collection
 - ◆ Heavy trash/brush
 - ◆ Street sweeping
 - ◆ Ditch clearing
 - ◆ Inlet cleaning
 - ◆ ROW mowing
 - ◆ Event staffing
 - ◆ Street closures



Size

- ◆ 20 square miles
 - ◆ 380 lane miles of eligible streets
 - ◆ 9 lane miles of ineligible streets
 - ◆ 32 bridges
 - ◆ 750+ acres right-of-way
 - ◆ 70+ miles storm drain

Growth

- ◆ 1980 = 193 lane miles & 518 acres ROW
- ◆ 2025 = 380 lane miles & 750 acres ROW
 - ◆ 97% increase in lane miles
 - ◆ 45% increase in ROW



NO INCREASE IN MANPOWER!

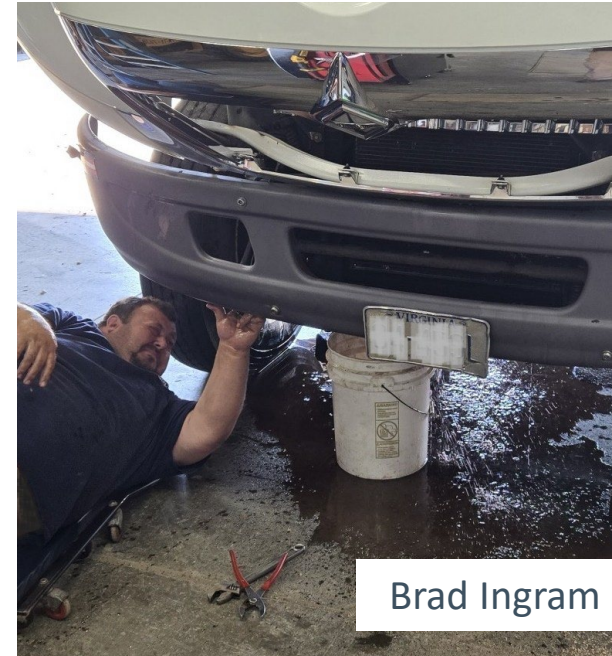
Paving

- ◆ Priorities based on:
 - ◆ Classification
(Arterials, Collectors, Local)
 - ◆ Volume
 - ◆ Loading
 - ◆ Condition
 - ◆ Age
 - ◆ Construction
 - ◆ Ride-ability
- ◆ Pavement Condition Analysis
- ◆ VDOT Primary Extension Funding



Vehicle and Equipment Maintenance (The Shops)

- ◆ Staffing – Supervisor, 3 F/T mechanics, 1 P/T parts clerk
- ◆ Maintain 225 pieces of rolling stock
 - ◆ Average age 8 years
- ◆ Maintain 450 pieces of mechanical equipment
 - ◆ Average age 6 years



Brad Ingram

Parking

- ◆ Staffing – 2 P/T Attendants
- ◆ Parking Facilities and Operations
 - ◆ 2 garages – 520 spaces
 - ◆ 7 lots – 443 spaces
 - ◆ On street parking – 769 spaces



Traffic Signals/Traffic Control

- ◆ Traffic Signals – Staffing: 3 F/T Personnel
 - ◆ 48 signalized intersections
 - ◆ Video detection - 28 intersections
 - ◆ Emergency pre-emption - 20 intersections
 - ◆ Adaptive traffic control systems
(Richmond and Greenville Avenues)
 - ◆ 18 school zone flashers/rapid beacons
 - ◆ 10 flashing caution lights
- ◆ Traffic Control – Staffing: 3 F/T Personnel
 - ◆ 8,000 signs
 - ◆ 400,000 LF of roadway markings



Jason Byram

Facilities/Refuse Division

Lloyd Otte – Superintendent – 2025

Refuse and Recycling

- ◆ Refuse
 - ◆ Staffing – 5 Crews
 - ◆ Trash Modernization
 - ◆ Trucks Retrofitted: January 2025
 - ◆ Residential Cans: March 2025
 - ◆ Yard Waste Added: June 2025
- ◆ Recycling
 - ◆ Staffing – 1 F/T and 1 P/T Attendants
 - ◆ Center opened at Public Works 2023
 - ◆ 427 tons collected FY25



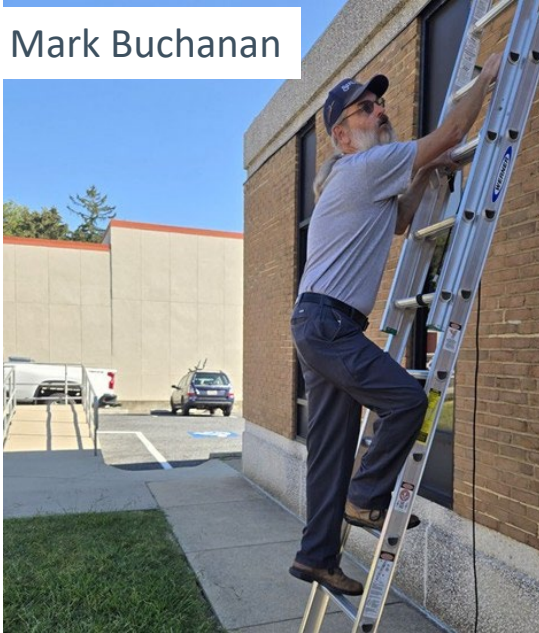
Landfill

- ◆ Landfill
 - ◆ 78 acres under Permit #585
 - ◆ Joint ownership w/ County and Waynesboro
 - ◆ Daily operations by Augusta Water
- ◆ 7 Cells
 - ◆ Cells 1-4 filled
 - ◆ Cell 5 construction complete, filling began 2025
 - ◆ Capacity 30-40 more years at current rate

Marty Stuples

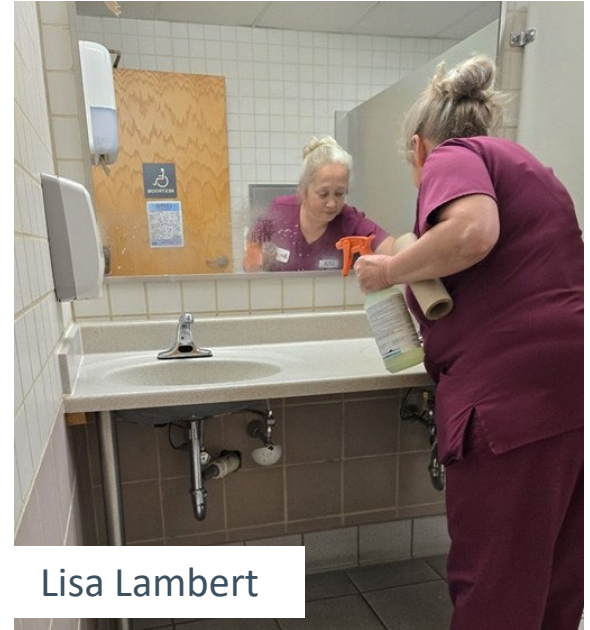


Mark Buchanan



Building Maintenance

- ◆ Staffing
 - ◆ 4 Tradesworkers
 - ◆ 12 Custodians (FT/PT)
- ◆ 98 facilities (375,000 SF)
 - ◆ Roofs
 - ◆ HVAC
 - ◆ Plumbing
 - ◆ Electrical
- ◆ Routine maintenance/repair
- ◆ Minor construction
- ◆ Custodial services



Lisa Lambert

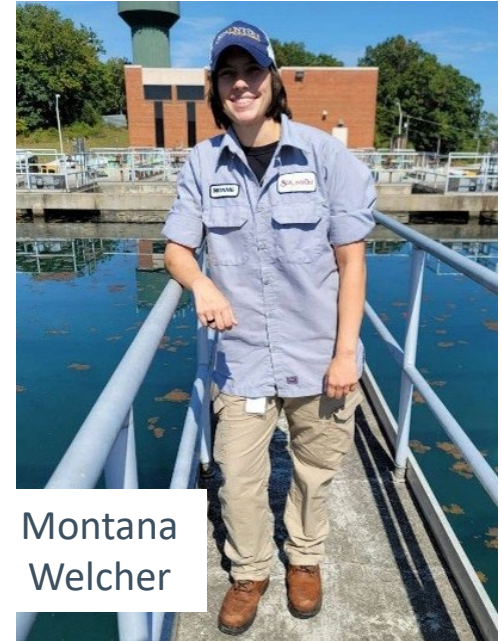
Excellent Source Water

- ◆ Staunton Dam Impoundment
 - ◆ Surrounded by National Forest
 - ◆ Built in mid-late 1920s
 - ◆ Supplemented by Elkhorn Lake
 - ◆ Dam Rehabilitation Upgrade Project (2015)
- ◆ Gardner Springs
 - ◆ Recharge area located in rural Augusta County
 - ◆ Originally built in late 1940s, early 1950s
 - ◆ Supplemented by Middle River Intake
 - ◆ Resiliency Issues (flooding, power outages)
 - ◆ New Pumphouse Upgrade Project (\$10M)



Water Treatment Plant

- ◆ Staffing - 13 F/T Personnel
- ◆ Current plant capacity 8.0 MGD
 - ◆ (Expandable to 12.0 MGD when needed)
- ◆ Current average daily production 4.0 MGD
 - ◆ (3.2 MGD five years ago)
- ◆ Current system storage capacity 7.2 MG
 - ◆ (plus 1.0 MG with new Staunton Crossing Tank)
- ◆ State awards for 21 consecutive years (last 3 gold!)



Montana
Welcher

Water Distribution

- ◆ Staffing – 5 F/T Personnel
- ◆ 160 miles of water mains plus 22 miles raw water line
- ◆ 1,000 fire hydrants and 3,500+ valves
- ◆ 10 pressure zones, 9 pump stations, 6 storage tanks
- ◆ \$400K annual investment for upgrade/repair
- ◆ Average 40 main breaks/leaks per year

Utility Technical Services

- ◆ Staffing – 6 F/T Personnel
- ◆ Pumps, tanks, meters, SCADA
- ◆ 10,129 water connections
- ◆ Advanced Metering Infrastructure (AMI)



Wastewater Collection

- ◆ Staffing – 4 F/T personnel
- ◆ 150 miles of collection system
- ◆ 3,500 manholes
- ◆ Recurring preventative maintenance (RPM) and I/I abatement
- ◆ Average 120 blockages per year (20 – sewer mains)

Wastewater Treatment – MRRWWTP

- ◆ 6.8 MGD ENR Plant
- ◆ Joint ownership w/ Augusta County
- ◆ Daily operations by Augusta Water
- ◆ 80% ownership by City – 4.9 MGD
- ◆ Current city flow average is 3.0 MGD



Will Davis

Public Works ...

“The heart of every community”

Dave Irvin, PE
irvindh@ci.staunton.va.us
540.332.3892