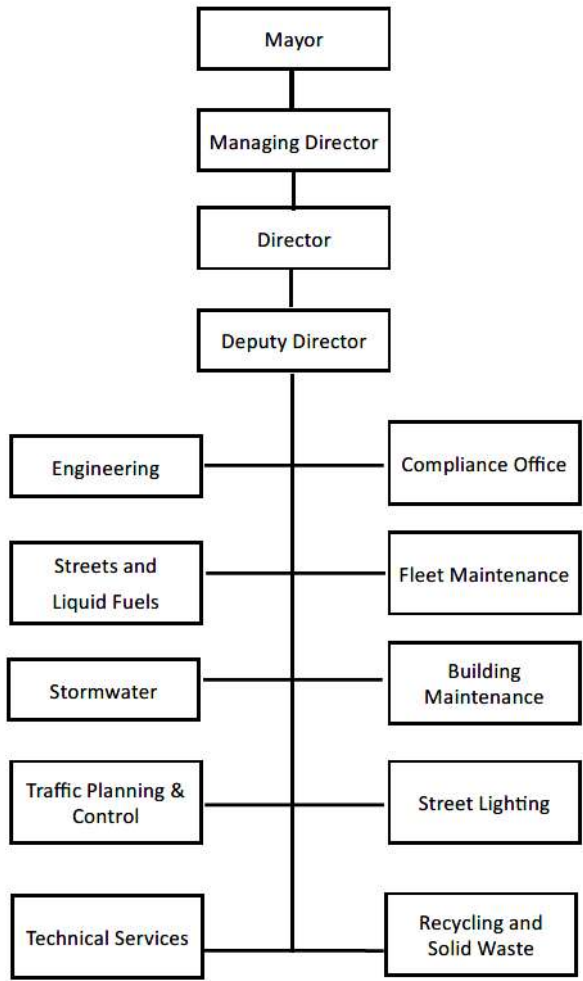




Public
Works
2022



182 Employees

158 Full-time
7 Part-time
17 Summer/Interns

2021 Final Budget / 2022 Final Budget

2021 Final Budget (w/o Personnel)

\$23,459,072

General Fund: \$7,068,201

Liquid Fuels: \$1,043,819

Recycling & Solid Waste: \$12,496,979

Stormwater: \$2,850,073

2022 Final Budget (w/o Personnel)

\$24,494,737

General Fund: \$7,406,939

Liquid Fuels: \$925,816

Recycling & Solid Waste: \$13,240,236

Stormwater: \$2,921,746

2021 Projects

Office of Compliance

- ▶ PADEP approved the Act 537 submitted back in September 2020 enabling development within the City to continue with the anticipated additional ~1.36 MGD in new sewage flows for 2021-2025
- ▶ Regional Flow Management Strategy -Cycle Two- for the reduction of Inflow and Infiltration (I&I) and provides longevity of system.

Engineering

- ▶ Coordinated with PennDOT on the construction of the Gordon Street Bridge; \$3.3M
- ▶ Inspected construction on Gordon Street streetscaping/ lighting 5th – 7th; \$420K (*State Grant \$250K, CDBG \$170K*)
- ▶ Inspected and approve construction for Riverside Dr and relocation of Lehigh Parkway East

Building Maintenance

- ▶ Completed the construction of the new lobby in Public Safety Building
- ▶ Worked with a contractor on the replacement of the City Hall chiller
- ▶ Renovated part of the IT training room to include 4 new offices for Stormwater staff

2021 Projects

Streets

- ▶ UGI Cost Sharing Program Received \$2,341,117
 - ▶ Paving Costs - \$1,081,950
 - ▶ ADA Handicap Ramps - \$1,259,167
- ▶ Assisted Parks:
 - ▶ Trexler Pond – dredging
 - ▶ Lehigh Parkway – stoned pathways – 7 miles
 - ▶ Golf Course – dug out and extended parking lot

Traffic Planning & Street Lighting

- ▶ American Parkway Solar Street Lighting from Union Street to Airport Road
- ▶ Martin Luther King Jr. Drive and Lehigh Street Intersection Modifications
- ▶ Street Light LED Phase 1 (1,300 lights) & Phase 2 (1,400 lights) completed

Technical Services

- ▶ Worked with APD on replacing 10 cameras that were originally installed in 2007 and have passed their useful life.
- ▶ Purchased and deployed multiple band radios for the Fire Department HazMat team and one Engine Company. Radios will be used with mutual aid radio coverage when leaving the city to assist other Fire Departments

2021 Projects

Recycling & Solid Waste

- ▶ Organized large cleanup of paper alley near Utica & N George Street and removed 6 tons of trash and debris
- ▶ Began work at the Recycling Drop Off Center



Stormwater Regulatory

- ▶ Successfully passed a PA Department of Environmental Protection audit with no violations or deficiencies.
- ▶ Hired an Education Manager who expanded outreach efforts to social media & began the development of public programs and a City-wide municipal training program.
- ▶ Hired an Environmental Compliance Specialist to perform inspections of industrial facilities and improve our Water Quality Monitoring Program.
- ▶ Implemented routine Pollution Prevention Audits of Municipal and Industrial facilities.

Stormwater Maintenance

- ▶ Completed construction of rain garden at 6th Street & Sumner Avenue
- ▶ Working on completing \$2,000,000 storm water lining project



2022 Projects



Office of Compliance

- ▶ Sewer Lining (AO Cost Relief):
\$2,000,000 ARPA Funding
- ▶ 2 miles Water Main Replacement:
\$4,200,000 APRA Funding
- ▶ Water Filters at Distribution Plant:
\$2,550,000 ARPA Funding

Engineering

- ▶ Inspection of Riverside Drive for phase 2 and 3
- ▶ Perform all Major and Minor Land Development and Subdivision Reviews and inspections.

Building Maintenance

- ▶ Renovate the Finance Suite
- ▶ Continue to work on LED lighting upgrades in City buildings

2022 Projects

Streets

- ▶ Continue to work with utilities on cost sharing projects to improve infrastructure and the repaving of roads.
 - ▶ UGI – adding an additional 6.57 miles costing around \$900,000 in material
 - ▶ LCA – approx. 2/3 of a mile, costing around \$90,000
- ▶ Assist Parks in paving:
 - ▶ Lot at Fish Hatchery (est. \$5,009)
 - ▶ Basketball court at Ithaca Park (est. \$5,049)
 - ▶ Old Parks building lot (est. \$12,345.25)
 - ▶ Gas pad at 2100 Linden St (est. \$3,096.75)
- ▶ Purchase new paving machine

Traffic

- ▶ Street Light LED conversion Phase 3 & 4 is started. Approximately 3,000 Lights.
- ▶ Mack Boulevard Street Lighting –56 new solar lights between Trout Creek Run & Emmaus Avenue. Grant received for \$650,000
- ▶ 15th Street Corridor Traffic Signals & System Extension, along with New Signals at 15th & Highland Street. Grant received for \$830,750
- ▶ Building 21 School Flasher, MLK Jr. Dr. & Parkette pedestrian crossing with rapid reflective flasher beacon with a TASA Grant \$181,471
- ▶ Hanover Avenue Corridor traffic signal improvements – between Albert Street and Wahneta Street. Grant being received for \$1,150,000

Technical Services

- ▶ Work with APD to continue replacing cameras that have passed their useful life. Working on replacement of 2007 to 2009 cameras.
- ▶ Work on upgrading and adding any additional cameras for security purposes on City Buildings.

2022 Projects

Recycling & Solid Waste

- ▶ No Trash/Recycling Fee increase for 2022
- ▶ Implement design and layout changes to the Drop Off Center for improved public safety and hauling operations.
- ▶ Submit for reimbursement, a DEP Section 902 Grant of \$324,438 for a day cab tractor, recycling bins, and a walking floor trailer.
- ▶ Update and replace covert dumpsite cameras. Continue SWEEP enforcement of ordinances.

Stormwater Regulatory

- ▶ Study and address the impairments of local streams by monitoring the water quality of runoff for the potential placement of green infrastructure retrofits.



Stormwater Maintenance

- ▶ Install 2,000 feet (0.4 mile) of new storm main and structures in Alton Park area.
- ▶ Storm Sewer Improvements: \$2,000,000 ARPA Funding

FUN FACTS

- ▶ Repaired 9,038 potholes (YTD)
- ▶ Swept 13,663.05 cubic yards of debris from City streets.
- ▶ Completed 134 curb backups.
- ▶ Collected 3,417 cubic yards of leaves (YTD, annual estimate of 25,000 cu.yds).
- ▶ Issued 7,350 SWEEP Tickets and received \$294,422 revenue in 2021
- ▶ Issued 130 SWEEP Tickets for illegal dumping at the Drop Off Center for \$23,000
- ▶ 342 tons of litter collected from receptacles and 40 tons of litter cleaned up in center city.
- ▶ 162 properties cleaned of graffiti
- ▶ Inspected over 40 industrial & municipal facilities.
- ▶ Tested >320 chemical & biological parameters in outfall and stream samples.
- ▶ Responded to >50 pollution events through complaint & spill response, enforcement & court action, regulatory notification, and field reconnaissance.
- ▶ Inspected & effected repair of 180 privately-owned and municipal stormwater detention and water quality facilities.
- ▶ Repaired 220 inlets & manholes.
- ▶ Televised & inspected 16 miles of storm main.
- ▶ Removed 750 tons of debris from the infrastructure.
- ▶ 126 Land Development reviews to date

To see the long version of the Public Works 2021 Accomplishments and 2022 Projects go to our website www.allentownpa.gov/PublicWorks