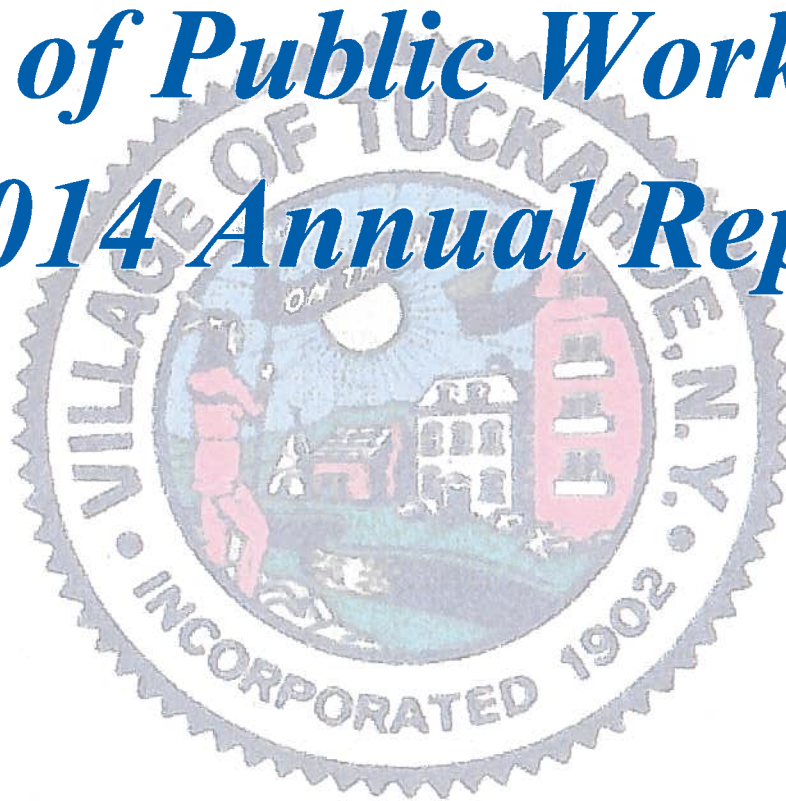


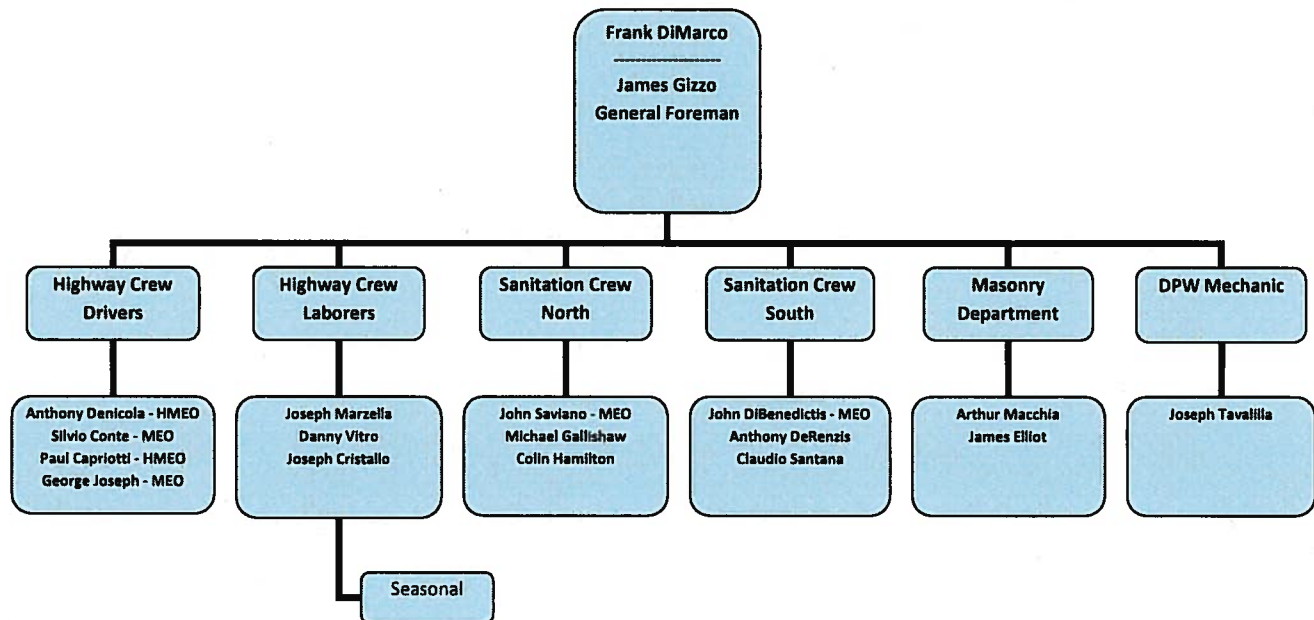
Tuckahoe Department of Public Works 2014 Annual Report



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I. DPW Overview and Organizational Chart

- The Department of Public Works is responsible for maintaining 14 miles of open space and right-of-way including paving & curbs, street lights, parking lots, village sidewalks, vegetated and grass areas, basins, culverts, storm and sewer systems.
- The Department of Public Works consists of the following staff that are broken up into various classifications and departments:



(MEO) – Motor Equipment Operator (Class B commercial driver's license)

(HMEO) – Heavy Motor Equipment Operator (Class A commercial driver's license)

- Maintains vehicle and equipment fleet : 28 vehicles & equipment
- Provides supervision, management and labor for public works staff of: 17-20
- Provides refuse collection to over 6500 residents & businesses
- Collects household refuse, recyclables, yard waste, bulk, metals, e-waste, furniture, and leaves
- Provides snow and ice control
- Maintains village parks, playgrounds and parking lots
- Provides labor for annual planting & maintenance in open spaces/parks including hanging baskets of flowers throughout the village
- Issues and inspects street opening permits
- Provides planting and maintenance of trees
- Implements and updates of all GPS/GIS mapping of underground infrastructure
- Implementation and update of all GPS/GIS mapping of tree inventory
- Coordinates village trolley schedule and activities
- Provides education and outreach of community and municipal services
- Office administrative functions
- Maintaining village right-of-way

II. Street Right-of-Way Maintenance

Regular Services

- Issued street and sidewalk permits - 68
- Responded to (Code 753) Dig Safe notices from Underground Utilities Protection Organization for DPW to mark out underground sewer and storm drainage pipes – 72 calls
- Snow Removal – DPW maintained 73.5” inches of snow fall in 2014
- Street light repair – 109 repairs
- Sewer calls – 18
- Traffic light repairs – 4
- Rebuild storm-water basin - 24
- Planting new trees – 89 trees between 2”-4” inch DBH
- Tree & stump removal
- Pothole repairs
- Maintain flag poles
- Pruning and care of all village trees
- Watering of all flowers and trees
- Street sweeping services daily
- Infrastructure, parks, street, & sidewalks inspections

Emergency Services

No Emergency Weather Conditions in 2014

Curb-Side Leaf Pickup

(During October – December) crews consist of the following;

- 2 -Dump Trucks & 2-Leaf machines
- 2-HMEO drivers (Heavy Machine Equipment Operator)
- 2- Laborers
- 2-Seasonal

III. Parks, Parking Lots and Strips Maintained by DPW

The following locations are maintained by the Department of Public Works annually. Some of the maintenance functions of the Department of Public Works include, but are not limited to:

- Cutting and maintaining grass areas
- Planting and maintaining trees, flowers and shrubs
- Clearing and cleaning sidewalks and parking lots
- Plowing, salting and removing of snow & ice
- Inspect and repair playground equipment
- Maintain basketball & tennis court
- Installation & maintenance of street lighting
- Trash & recyclable containers throughout village streets & parks
- Clearing of litter

Parks & Municipal Buildings

- | | |
|-----------------------------|---------------------------------------|
| ▪ Circuit Park | ▪ Sylvan Avenue Park |
| ▪ Community Center | ▪ Tara Park |
| ▪ DPW Building | ▪ Triangle @ Armourvilla |
| ▪ Fisher Park | ▪ Triangle @ Circuit |
| ▪ Garrett Park | ▪ Washington Street Park (Playground) |
| ▪ Library | ▪ Village Hall |
| ▪ Main Street Park | ▪ Winslow Circle |
| ▪ Quarry Park @ Young Place | ▪ Winterhill Monument Park |

Village Vegetated Areas & Grass Strips

- | | |
|--|--|
| ▪ Circuit Avenue (corner along fence) | ▪ Jackson Avenue |
| ▪ Consulate Drive (along wall & island) | ▪ Lincoln Avenue (by new wooden fence) |
| ▪ Dante Avenue exterior (sidewalk) | ▪ Main Street (Westchester funeral home to Winterhill Monument) |
| ▪ Elm Street (along river) | ▪ Midland Avenue (Westchester funeral home to Bronxville border) |
| ▪ Fisher Avenue (corner) @ Oakland Avenue | ▪ Midland place |
| ▪ Fisher Avenue (new corner) @ Marbledale Road | ▪ North Columbus Avenue (parking lot) |
| ▪ Fisher Avenue (parking lot) | ▪ Oak Avenue (parking lot) |
| ▪ Harrison Street | ▪ Pleasant Place (behind church) |
| | ▪ Railroad Avenue (along track) |
| | ▪ South Columbus Avenue (both sides) |
| | ▪ Young Place (along quarry fence) |

Village Islands & Extensions

- Crestwood Plaza
- Dante Avenue extension (both sides)
- Marbledale Road @ Lincoln Avenue
- Route 22 @ Winterhill Road
- Summit Avenue

Village Dead Ends

- Alpine Place
- Bronx Street
- River Street
- South High Street
- Underhill Street
- Washington Street

Parking Lots

- Cameron Place
- Community Center
- Consulate Drive
- Crestwood Plaza
- Depot Square
- Fisher Avenue
- Library
- Oak Avenue
- Main Street
- North Columbus
- North Columbus Avenue
- Thompson Street
- Underhill Street
- Upper & Lower Lake Avenue
- Van Duzen Place
- Village Hall

Sidewalks

- Cameron (parking lot)
- Circuit & Pleasant (park)
- Columbus Avenue (Library & Community Center)
- Consulate Drive
- Crawford Drive (bunny path)
- Crestwood Station
- Dante Avenue extension (both sides)
- Depot Square
- DPW yard
- Fisher Avenue & Marbledale (park & quarry)
- Fisher Avenue (corner of Oakland Avenue)
- Garrett Park
- Lake Avenue (parking lot)
- Lincoln Avenue (quarry fence)
- Main Street
- Main Street (bridge)
- Main Street (Village Hall)
- North Columbus Avenue (parking lot)
- Oak Avenue (parking lot)
- Pleasant Avenue (across from church)
- Thompson Street (parking lot)
- Underhill & Columbus (parking lot)
- Underhill Road (Village Hall)
- Village Hall
- Wallace Street (Triangle Park)
- Fisher Ave (parking lot)

IV. Mason Department

The Mason Department consists of one mason and assistant. This department is used for various in-house projects as needed and specified.

- Implementation of a new masonry project
- Installation and repairs of curbs & sidewalks
- Installation and repairs of retaining walls
- Storm-water catch basin cleanout, repairs & rebuilding
- Rebuilding sewer & storm-water lines
- Road repair and replacement
- Infrastructure maintenance & repairs
- Demolition work where needed

V. DPW Projects

Crestwood Underground Utility (in-kind service)

Fisher Avenue Parking Lot Project

Oak Avenue Parking Lot Project

Main Street Parking Lot Project

Hollywood Avenue Flooding Mitigation Project

Projects throughout the Village

- In-kind conversion of over 95 LED street light fixtures (Cost Saving of approximately \$30,000.00)
- In-kind conversion of over 20 LED traffic signal lights (Cost savings of approximately \$6,000.00)
- Christmas decorations throughout the village
- Planting of the New Christmas Tree and landscape design at Depot Square
- Park inspections and repairs to playground equipment
- Utility road and sidewalk repair
- Paving of Marbledale Road, Cedar, Railroad, Lake, Warren, Coolidge, and Oak Street Parking Lot.
- Annual Village planting of hanging baskets & flowers together with the Beautification Committee

Sidewalks, Curbs & Steps Repaired

- Repairs to brick border on Cameron and Main Street sidewalks
- Winterhill & Fulling sidewalk and handicap ramp at intersection
- Pour new section of sidewalk and handicap ramp on Winterhill Road
- Raise curbing on Lincoln Avenue between Marbledale Road & Young Place
- Various sidewalk repairs throughout village

Annual Festivals

DPW's involvement with annual events:

- | | |
|----------------------|----------------------------------|
| ▪ New Year | ▪ 4 th of July events |
| ▪ Padre Pio | ▪ Car Show |
| ▪ Winter Fest | ▪ Arbor Day |
| ▪ Tuckahoe Road Race | ▪ Parades |

VI. Sanitation and Recycling

DPW is responsible to provide refuse and recycling collection services to approximately 6,500 residents and businesses within the village. Refuse from businesses collected by DPW generated revenue for the village in the amount of \$80,000.00. The following sanitation and recycling totals were collected in 2014:

- Household Waste – 2,650 tons
- Commingled Containers- 270 tons
- Commingled Paper – 520 tons

- Yard Waste – 900 tons
- Metals – 42 tons
- E-waste – 28 tons
- Vegetable Oil – 8000 gallons

VII. Snow and Ice Control

The Department of Public Works provided snow removal and ice control to all Village streets, parking lots, sidewalks and paved areas associated with municipal buildings and properties.

- DPW maintained 73.5" inches of total snow-fall and icy conditions for 2014
- Used approximately 997 tons of salt
- Used approximately 2000 gallons of Brine (Liquid Calcium Chloride)
- Used approximately 900 pounds of calcium chloride pellets

VIII. DPW Vehicle Fleet

Master Mechanic

Our Master Mechanic maintains the entire Department of Public Works & Police Department fleet & equipment.

DPW Fleet consists of the following trucks and machinery:

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|--|--|
| ▪ 2003 Ford Explorer | ▪ 2014 Ford 4dr Rack body with tail gate lift |
| ▪ 1991 International Dump | ▪ 2005 John Deere 2210 mower/plow |
| ▪ 1997 John Deere Backhoe | ▪ 2006 |
| ▪ 1997 Mack 27 yard Sanitation Truck (Spare Truck) | ▪ Chevrolet 1500 Foreman's Truck |
| ▪ 1998 Mack 27 yard Sanitation Truck | ▪ 2006 International 7500 Plow/Sand/Dump |
| ▪ 2013 Ford Explorer | ▪ 2007 International 7500 Plow/Sand/Dump |
| ▪ 2012 Ford F350 Rack Body / Plow | ▪ 2006 American Road 17 yard leaf collector |
| ▪ 2000 Chevrolet S10 Mechanics truck | ▪ 2007 American Road 17 yard leaf collector |
| ▪ 2014 Tymco Sweeper | ▪ 2007 Falcon 2 yard asphalt reclaimers |
| ▪ 2001 Dodge 3500 Dump / Plow | ▪ 2006 Ford F250SD Pickup/Plow |
| ▪ 2001 Mack 27 yard Sanitation Truck | ▪ 2010 Ford F350SD Plow. Sand Dump |
| ▪ 2002 Chevrolet Aerial Truck | ▪ 2010 Ford E450 Mason Box Truck |
| ▪ 2013 Bobcat Skid steer S250 | ▪ 2011 International Dura Star 4300 Dump Truck |
| ▪ 2012 Ford Rack Body | ▪ 2011 Freightliner Trolley |
| ▪ 2005 John Deere 624J Loader | ▪ 2003 Dodge 2500 4dr pickup/ plow |

IX. Grants & Assistance

- New York State Special Winter Recovery Appropriation (\$8,020.00)
- New York State Department of Transportation CHIPS reimbursement (\$71,304.00)
- National Fish & Wildlife Foundation / Bronx River Watershed Initiative Grant for Fisher Avenue Parking Lot (\$331,180.00)

X. Awards

- **Certificate of Commendation Award for design of Parking Lot and Green Infrastructure at Fisher Avenue. Demonstrating Excellence in Soil and Water Conservation.**

XI. Education and Public Outreach

- **Arbor Day involvement with Cottle Elementary School and Immaculate Conception School**
- **Lectures at various locations on the implementation and development of the Village Tree Ordinance and Master Tree Plan**
- **Collection and processing of vegetable oil used to fuel two sanitation trucks**
- **Involvement with the Tree Committee**
- **Involvement with the Environmental Committee**
- **Department of Public Works Educational projects:**
 - **Rain Garden**
 - **Rain water harvesting for irrigation of DPW shrubs**
 - **Bio-Swale and vegetation along Jackson Avenue (sponsored by Lucente Landscaping and Greenskeeper Tree Service)**
 - **Collection and processing of vegetable oil for the fueling of two sanitation trucks**