



PUBLIC WORKS DEPARTMENT

The Public Works Department provides a number of services to the citizens of Berlin. They include: the maintenance of over 60 miles of streets and many more miles of sidewalks that need to be swept, patched and overlaid with pavement. We also provide snow removal, street striping, street marking, and the fabrication and installation of street and traffic signs. We construct retaining walls, install guard rails and guard fence. We maintain sewer and storm water collection systems. We provide equipment maintenance for all of the Public Works, Fire, Recreation, Health, Police and Berlin Municipal Airport. We maintain a gas and fuel distribution system for all City Departments. We also provide and maintain 151 sand and salt barrels for winter use. We periodically seal concrete sidewalks, retaining walls and bridge abutments. Members of the Department also provided utility information and project inspection for water and sewer capital improvement projects.

Transportation - Street Markings

Center lines, edge lines, railroad crossings and crosswalks were painted as they are every year, excluding three exempt railroad crossings this year. The cost of this work is approximately \$11,000. The work includes approximately 220,000 linear feet of striping and 5 railroad crossings. PWD crews paint over 130 crosswalks throughout the City, all the Stop Bars, and Yellow No Parking Zones and the Handicap Parking areas.

Projects in progress/completed the 2015-2016 Season

- Replaced/repared retaining walls and railings on Denmark and Cheshire Streets. Project was constructed with PWD crews.
- The Phase 2 Route 110 Project was completed early this summer.



Route 16 Planning Phase Public Meeting

- Hutchins Street Re-Construction was started April 2016, which re-constructed this street, up-graded drainage system and constructing new sidewalk between Napert and Turcotte Streets.

Solid Waste

The East Milan Road Landfill closure was substantially completed in October of 1996. Closure of the landfill launched the 39 year post-closure monitoring program.

The Cates Hill Landfill Closure project was completed in August of 2006. The costs for Engineering Services, Certified Lab Testing Services, Gas Monitoring, Administrative Services and Grounds Maintenance is almost \$18,000. Groundwater quality and methane gas production is being monitored on both landfills in accordance with the program.

The Public Works Department does curbside pickup of household garbage. Recycling became mandatory in September 2012 and solid waste tonnages went from 4200 tons per year to approximately 3300 tons per year at a cost saving of \$60,000.

The Public Works Department collects paper, glass, plastics, tin, aluminum and cardboard for recycling. We continue to increase efforts to reduce the household garbage tonnage to the landfill by working with local media to inform and educate the public for the need to

improve our recycling efforts. We have eliminated curbside bulky waste pick-up in favor of having residents use the AVRDD transfer station.

Sanitary Sewer & Storm Collection Systems

The planning phase of gathering data for our long term combined sewer overflow program has begun. We will be conducting video inspections of the sanitary sewer collection systems in the suspected areas of higher levels of Inflow and Infiltration. These areas we selected from a previous 18 month flow monitoring study conducted throughout the City of Berlin. House inspections will also be conducted to seek out other sources of I&I such as sump pumps, roof and perimeter drains that currently are connected to the sanitary sewer system. We plan have another project ready for the next construction season.

Recreation and Parks Maintenance

We have overcome the major issues with bug infestation and fertilization on our major fields (Memorial, High School and Community College). We still have been closely working with Northeast Agriculture and Diamond Turf to guide us to keep up the good field conditions. In working with Diamond Turf we continue to gain the valuable knowledge that will help us avoid



the reoccurrence of these issues in the future. The fields are currently in tremendous shape even with the increased demands of the high school aged (Gladiators) football and high

school women's soccer and youth football (Gladiators) for the past three seasons.

Projects in progress/completed the 2015-2016 Season included two new buildings, the new Recreation and Parks maintenance building at 52 Gilbert Street and a new building at Central Park/Community Field. These two buildings were constructed by the Berlin High School Trades Program over a two year period.

The Rec. & Parks Maintenance crew constructed three new shelters with tables at Community Field, Friendship Park on Granite Street and at Brown School. These are the three sites where the youth Summer Food Program is conducted.

The Community Field Baseball Field was re-constructed with the help of a \$20,000 donation from Burgess BioPower. The whole infield was replaced, outfield grades were repaired, the backstop was replaced and a collapsible outfield fence was purchased.

Following is a summary of the tasks and services provided by the crew listed by the different seasons.

Winter :(Dec., Jan, & Feb.)

–Continue with downtown Christmas decorations, repairs, replacements, etc. – All snow, ice, and rain events are attended to as they occur. This involves plowing, shoveling, sanding and salting parking lots, walkways, stairs and entrances. The places we maintain are; 1) Police station-Rec. center, two First Ave. parking lots. 2) City Hall 3) Court House.4) Heritage Park 2 lots. 5) Bickford Place. 6) Memorial and Community Fields storage. 7) 5 skating rinks. –We maintain 5 skating rinks as long as weather permits. These rinks are located at Green St., River St., Ramsey Park, Horne Field, and Hutchins Park.

–Everyday custodial duties are performed at the Rec. Center, and the building is maintained for all winter programs. Equipment maintenance, usually performed during springtime, is started in the garage when the weather is not favorable for skating rink maintenance activities.

Spring :(March, April, & May)

–All equipment is inspected and repaired, painted, or replaced. As snow melts the crew gets outside and starts to “spring clean” (litter and leaves are picked up, areas are swept, and sod repairs completed) all areas that we take care of. High School baseball and softball games, are played and practiced on the two Little League Fields at Community Field, at Memorial Field. JV and Varsity play about 20 home ball games not counting playoffs. .
–Grass mowing starts and the cemetery crew from Northern Human Services starts in May. We equip them, service them, and they do a great job. The Community Gardens are tilled and staked out.

Summer :(June, July, & Aug.)

–High School athletic seasons wind down with playoffs at their fields and Jr. High games at Community and Horne Fields. Grass mowing and trimming are everyday tasks. All places we maintain are: Track field, Memorial and Memorial Annex, Green St., Veterans Park, all downtown (Vodoukis, PSNH, Gill, Library, St. Anne, Dead River, all Pleasant St., Green St., and Cole St. islands, Tondreau,) Parks, Cleveland Bridge Road and Botanical Gardens, Central Playground, Community Fields, Hutchins Park, the ball field at Horne Field and playground, Rotary Park, Brown School playground, and Ramsey Park Playground.
–Full schedule of girls’ softball (Bobcats) games at Horne Field, Cal Ripken at Community, and their respective tournaments.

–Summer Soccer league games at Community

–Ongoing field maintenance at all fields that include, aerating, seeding, topdressing, fertilizing and weed-killing.

–Cemetery work

–Trash removal, tree pruning, fence repairs, and playground safety, etc., are attended to weekly.

Fall :(Sept., Oct., and Nov.)

–Very busy fall schedule of High School field hockey and soccer games and practices that start in August and go on every day with practices at Community Field and Community College field for JV and Varsity teams.

–7th and 8th grade soccer and field hockey games and practices at Horne field and Memorial Annex field

–5th and 6th grade soccer and field hockey games and practices at Memorial and Community fields.

–Rec. Dept. Soccer program at Green St. Field

–Worn areas of all fields were repaired and we continue the field maintenance program

–All bleachers, nets, benches, picnic tables, summer equipment, etc. are put away for the winter.

Respectfully Submitted by,

Michael P. Perreault

Public Works Director