



First in Connecticut. First for its citizens.

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Design Services

Develop the town's infrastructure for non-building related projects in accordance with the Plan of Development and the Capital Improvements Program (CIP). Provide engineering support services to design roads and sidewalks, prepare and update engineering maps and drawings, and serve internal needs as well as those of the general public.

Budget: \$576,450

WHAT WE DO

Road Improvements

- Provide survey, design and engineering support for major road improvement projects.

Professional and Technical Advice

- Provide engineering and technical consulting to other service units and boards & commissions.
- Review subdivision and site plan development review.
- Provide computer-aided design, drafting and design support.

Information Services

- Provide data and information for GIS mapping.
- Maintain and update town engineering /architectural map files.
- Provide information to the public regarding highway lines, construction projects, town properties, flood plain and subdivisions.

Stormwater Management

- Administer and implement the provisions of the *Stormwater Management Ordinance* and the *Erosion and Sediment Control Ordinance*.
- Implement applicable portions of the Stormwater Management Plan; monitor staff reporting requirements.
- Continue to inventory and assess the drainage system, and identify and resolve local drainage issues.

Capital Improvements

- Obtain and develop funding opportunities in support of the Capital Improvement Plan.
- Implement capital improvement plan projects.
- Work with regional, state and federal agencies to facilitate the implementation and completion of projects in the CIP.
- Monitor major project progress and resources to ensure all specified and applicable requirements are met.

Landfill Regulatory Issues

- Provide technical and administrative guidance for the Windsor-Bloomfield Landfill to ensure that engineering related tasks and projects are in compliance with the Landfill Consent Order.

Flood Plain Management

- Administer and implement the provisions of the *Flood Plain Ordinance* and associated requirements.

PROJECTS

Recently Completed Projects

- **Maple Avenue, Spring Street, Court Street Rehabilitation** – This project was initiated in 2012 and put on “hold” due to MDC’s unforeseen plans for pipe replacement in the project area. However, the MDC did contribute funds towards the project, which allowed the town to replace all of the sidewalks in town. The project was complete in July 2014.
- **O’Brien Stadium Improvements** – Improvements included the installation of a synthetic turf field, resurfacing of the track, replacement of the bleachers and press box, as well as other miscellaneous improvements.



- **Oliver Ellsworth Field Improvements** – Improvements included the relocation of the lacrosse field and upgrades to the baseball field including the addition of a new bullpen, infield surfacing, bleachers, fencing, and an irrigation system.
- **Day Hill Road Pedestrian Circulation Enhancements, Marshall Phelps Road to Northfield Drive** – The town has developed a multi-year program to complete pedestrian circulation enhancements throughout the Day Hill Road Corridor. Two sidewalk segments were completed: one section of multi-use path along the Konica property and one section along Northfield Drive to complete a pedestrian connection from Marshall Phelps Road to Northfield Drive.

- **River Street Rehabilitation Concept Study** – The existing roadway between the River Street Park and Poquonock Avenue is narrow and site constraints including the proximity of homes to the roadway as well as the abutting Farmington River pose unique challenges. In 2014, the town contracted with a consultant to develop a concept study plan evaluating various alternatives for improvements and presented the findings to the neighborhood.

Ongoing Projects

- **Reconstruction of Prospect Hill Road, Phase 1 (Route 75 to West Street)** – Construction began in February 2014 and is expected to continue into Spring 2015. The proposed improvements include reconstructing the roadway, installing sidewalk, installing storm drainage, and upgrading the intersection at Poquonock Avenue.
- **Kennedy Road Rehabilitation** – The town received approximately \$750,000 for the rehabilitation of a section of Kennedy Road along the southbound lanes beginning at the Windsor Locks townline and extending to the shopping center. Work began in October 2014.

Upcoming Projects

- **Batchelder Road Reconstruction** – The design of roadway improvements between Broad Street and Mechanic Street will begin for future construction in 2015.
- **Pigeon Hill Road Rehabilitation** – The design for roadway improvements between Poquonock Avenue and Lamberton Road have begun for potential construction in FY16.
- **Stone Road Rehabilitation - Winterwood to town line** – The town has begun the design of improvements to this section of Stone Road. Construction is slated to be completed in two phases potentially starting in late 2015.