



Engineering • Construction • EH&S • Energy  
Waste • Facility Services • Laboratory

## **In the Works**

### **Volume 17, Issue 6, June 2016**

In The Works is a monthly newsletter providing Environment, Health and Safety (EH&S) news and regulatory updates. The newsletter is provided by Loureiro Engineering Associates, Inc. of Plainville, Connecticut.

## **CONNECTICUT**

### **Governor Molloy Announces State Grants to Encourage Transit-Oriented Development and Responsible Growth Across Connecticut. Twenty Projects to Receive Nearly \$11 Million for Projects that Will Generate Economic Activity, Create Jobs**

The grants come under the state's Responsible Growth and Transit-Oriented Development Grant Program, which is administered by the Office of Policy and Management (OPM) and relies on a combination of funding from the Responsible Growth Incentive Fund and the Transit-Oriented Development and Pre-development Fund.

"Investing in transportation is critical. Transportation and the future of our economy are fundamentally linked. Our focus is on not only improving overall quality of life for residents in these areas, but also encouraging economic development by making our towns and cities more accessible," Governor Malloy said. "These grants will help us take another step towards making our state more competitive."

"The grants announced will make Connecticut a better place to live, work, and compete in the 21st Century. These projects will improve pedestrian connections, increase multimodal transportation options, encourage infill development and discourage sprawl. And they complement the historic investments being made in public transit under the Let's Go CT! initiative," OPM Secretary Ben Barnes said. "By promoting transportation alternatives, the projects will decrease emissions and road congestion in high traffic areas. This is the type of critical funding that we must continue to invest in our towns and cities."

## **The grants announced include:**

### **Berlin**

Facade and Landscape Program: \$500,000 to fund additional projects under the Town's successful Facade and Landscape Program, which was previously funded through STEAP. This program provides assistance to commercial property owners in the rail TOD zone, and core shopping districts to upgrade their facades and landscaping. The program will help retain and attract new businesses and encourage pedestrian activity in the vicinity of the rail station.

### **Branford**

Branford Station TOD Master Plan: \$125,000 to develop a comprehensive master plan for the area surrounding the Branford Train Station. The plan will recommend the regulatory, infrastructure, and economic incentives needed to facilitate TOD and encourage increased use of transit services. The plan focuses on promoting growth and redevelopment that is more transit oriented which will increase the Town's tax base, and create stronger linkages between the Town center and the Branford Station.

### **Canton**

Collinsville Village Center Infrastructure Improvements: \$1,297,100 to complete the Collinsville Village Center Streetscape Master Plan infrastructure improvements and stimulate additional foot traffic and economic activity. The infrastructure improvements would provide safe pedestrian and bike access, organized parking, and critical linkages between areas of business and areas of activity. The improvements are to protect the true village character of Collinsville and supports its economy.

### **Clinton**

Route 1 Border-to-Border Sidewalk Design: \$114,000 to develop engineering plans and construction drawings for a border-to-border sidewalk network along Route 1. This project will ultimately improve the pedestrian and multi-modal network along the entire corridor, and connect the currently under-served East End and West End of Towns with Clinton Center. The sidewalk will offer enhancement to the economy, community, and the environment.

### **Capitol Region Council of Governments**

Regional Complete Streets Policy and Action Plan: \$450,000 to conduct a comprehensive inventory of completed and planned infrastructure related to complete streets, identify key gaps and needs, and develop a regional complete streets policy and action plan.

### **Danbury**

Downtown Transit-Oriented Development Planning Study: \$225,000 to conduct research on land use and transportation conditions in the downtown, and issue recommendations to further transit-oriented development, responsible growth, and infill development in the City's downtown area. The planning study will also focus on analyzing existing transportation modes of ridership and provide recommendations that promote intermodal coordination and co-location of transit services.

**Hartford**

Parkville Storm-Water Infrastructure and Streetscape Improvements: \$2,000,000 for storm-water infrastructure and streetscape improvements along portions of Bartholomew Avenue, Hamilton Street, and Park Street in the Parkville neighborhood. This project corrects an immediate water overflow that is damaging to existing businesses and historic buildings. Additionally, it establishes infrastructural capacity to accommodate future infill density proximate to the Parkville CTfastrak Station, and improves pedestrian and bicyclist connectivity to multi-modal transit options.

**Madison**

Tunxis Walkway and Bradley Road Improvements: \$400,000 for repair and improvements to the Tunxis Walkway and pedestrian improvements to Bradley Road, in order to enhance pedestrian connectivity between the Madison Station area and the Boston Post Road. The project will enhance the safety of pedestrians and encourage rail ridership, while providing pedestrian and bike access to businesses along the Boston Post Road.

**Meriden**

Sidewalk Reconstruction and Complete Streets Implementation: \$869,389 for sidewalk reconstruction and complete streets implementation in the areas of West Main Street, Colony Street, State Street, and the Hub site, to improve pedestrian and bicycle circulation within the City's central business and Transit Oriented Development (TOD) districts. A portion of this reconstruction was recommended by the City's 2015 TOD Planning Grant awarded by OPM.

**New Canaan**

Downtown Pedestrian Loop- Weed Street Sidewalk Connection: \$150,000 to construct sidewalks and crosswalks along a portion of Weed Street between Elm Street and Irwin Park. The proposed walkway is within a half mile from the train station and downtown. The walkway aims to enhance pedestrian access to the train station and decrease the demand for motor vehicles.

**New Haven**

Long Wharf District Responsible Growth Plan: \$935,000 to fund a comprehensive set of projects and planning initiatives in the Long Wharf/Union Station section of New Haven. This includes economic planning for infill and redevelopment, constructing streetscape improvements, traffic and transportation planning, aesthetic and mobility improvements, and urban park planning.

**Northwest Hills Council of Government**

HouBike Trail Alignment Study: \$26,250 to study alternative routes for a seven-mile segment of the HouBike Trail which currently runs along US-7 between Kent and the Cornwall Bridge. The study will focus on re-routing the trail off of Rte. 7 in order to improve connectivity and accommodate a broader user group including casual riders, walkers, and families with children.

**Northwest Hills Council of Governments**

Water/Wastewater solutions for infill development in West Cornwall: \$45,000 for a study to identify potential options for water and wastewater infrastructure that would enable infill development within the historic village center, and protect the Housatonic River from wastewater pollution.

### **Naugatuck Valley Council of Government**

Naugatuck River Greenway Study: \$110,000 to study and establish an official route for the final 10.9-mile segment of the Naugatuck River Greenway, between Thomaston and Bogue Road in Torrington. This includes re-routing a 3.9 mile section of trail from Thomaston Dam south through downtown Thomaston to Old Waterbury Road where the town is currently designing and has funding to build a trailhead and section of trail running to the Watertown town line.

### **Old Saybrook**

Saybrook Junction Infrastructure Planning: \$125,000 for a traffic study, planning and preparation of construction drawings related to streetscape enhancements around the Old Saybrook train station and town center. Planning for this project will address sidewalk gaps, crosswalks, ADA compliance, and other streetscape amenities.

### **Torrington and Winsted**

Sue Grossman Still River Greenway: \$1,825,000 to construct a two-mile extension of the existing three-mile Sue Grossman Still River Greenway into downtown Winsted, and prepare final design & construction plans for the remaining five miles into downtown Torrington. The extension is designed to establish safe routes for pedestrians and bicyclists between two city centers.

### **Waterbury**

Freight Street redevelopment Strategy: \$189,000 to develop and implement a TOD strategy for the Freight Street District, including a review of existing physical conditions, market analysis, public outreach, conceptual plans, and zoning assessment. The redevelopment strategy plans to attract, cultivate and retain talent that drives Waterbury's future.

### **Westport**

Saugatuck Station Area TOD Master Plan: \$440,000 to fund a detailed master plan of the Saugatuck Station Area including an existing conditions analysis, public outreach, district planning, identification of partnerships, and preliminary design. The plan is focused on improving the Saugatuck area in a manner that will benefit local residents, new residents, commuters, and businesses.

### **Windsor**

Animal Shelter Relocation and Site Development: \$993,000 to create a development-ready site in Windsor Center adjacent to the state's planned commuter rail station. This project includes relocation of the existing animal shelter, clearing existing buildings and completing an environmental assessment and remediation planning.

### **Windsor Locks**

Main Street Property Acquisition and Pre-Development: \$137,000 for the acquisition and pre-development costs associated with three properties adjacent to the state's planned commuter rail station. This project is intended to better position these properties for redevelopment in-line with the town's vision for TOD.

## MASSACHUSETTS

### **The Baker-Polito Administration in Massachusetts Recently Awarded \$917,000 in Grants to Seven Companies Under the Commonwealth's Recycling Business Development Grant (RBDG) Program to Help Increase the Recycling of Glass, Mattresses and Other Hard-to-Recycle Materials.**

“Recycling plays an important role in the Massachusetts economy, employing thousands of people and converting recyclable materials into valuable end products,” said Governor Charlie Baker. “Continuing to advance opportunities to increase recycling not only helps protect our environment, but also creates jobs and supports our economy.”

“This grant program will help recycling processors and manufacturers in the Commonwealth to create sustainable markets for these materials and recycle items that would otherwise end up in landfills,” said Lieutenant Governor Karyn Polito. “This investment also supports our communities, which benefit from increased demand and higher prices for recycled materials.”

The grant program, administered by the Massachusetts Department of Environmental Protection (MassDEP), will enable these companies to expand their recycling operations and increase the amount and quality of recycling now occurring across the Commonwealth. The program is funded through dedicated contributions of waste-to-energy facility renewable energy credits.

As a condition of receiving funding, grant recipients commit to meeting tonnage goals over a two-year period. The RBDG program targets difficult-to-recycle materials and this round of grants includes funds to promote the recovery of mattresses, packaged food, plastics and glass.

“These businesses exemplify the innovative Massachusetts business environment and are making a positive impact on our environment,” said Energy and Environmental Affairs Secretary Mathew Beaton. “Investments like this not only support the growth of viable Massachusetts businesses, but also help us reduce our greenhouse gas emissions and protect the environment for future generations.”

“As individuals, one of the more impactful things we can do to protect our natural resources and reduce greenhouse gas emissions is to fully participate in community recycling efforts,” said MassDEP Commissioner Martin Suuberg. “Under this program, these businesses complement our individual efforts and add value to the environment and our economy.”

#### **The grant recipients are:**

##### **Aaron Industries, Leominster: Up to \$75,000**

Aaron Industries is a manufacturer and distributor of polypropylene, polystyrene and polyethylene. Grant funding will be used, in part, to procure equipment for processing post-consumer and post-industrial polypropylene and polystyrene. This machine will significantly increase through-put volume, reduce downtime by continuous extrusion, increase raw material flexibility, and reduce production waste by 96 percent. The new machine will allow the company to purchase materials previously determined to be too difficult to process due to high levels of contaminants.

**Abby Enterprises, Inc., Marshfield: Up to \$150,000**

Abby Enterprises is an asphalt, brick and concrete recycling operation seeking to introduce a new product line using a recycled glass/manufactured sand material. Funding will be used, in part, to procure a new system for processing and recycling mixed-color glass that cannot be converted back into glass containers. The processing equipment will crush the glass to an appropriate size for use as utility backfill material, drainage media, and sub-grade construction and sub-soil drainage system applications.

**Casella Waste Management of Massachusetts, Inc., Auburn: Up to \$100,000**

Casella is a fully integrated solid waste organization, processing and marketing more than 270,000 tons of traditional recycling material in Massachusetts. Funding will be used, in part, to implement glass system upgrades to improve the marketability of processed curbside glass by removing a significant percentage of contaminants.

**Northstar Pulp & Paper Company, Inc., Springfield: Up to \$90,000**

Northstar is a paper, plastic and metal recycling company looking to improve their capacity to produce quality post-consumer plastic regrinds. Northstar will purchase and install three separate methods for reducing ferrous contamination within their finished product. The company intends to target plastic pallets, which are generally hard to manage because they are often contaminated with dirt and fiber, and frequently have metal or fiberglass reinforcement bars.

**Raw Material Recovery Corporation, Gardner: Up to \$150,000**

Raw Material Recovery will purchase a coil spring compactor and a specialized container transport frame. RMR manually disassembles mattresses and box springs from residential and commercial sources to divert wood, steel, foam and textiles for recycling. The new equipment will compact bedsprings into dense cubes for more efficient shipping and the transportation equipment will enable more efficient collection of mattresses.

**Recycleworks, Inc., East Weymouth: Up to \$200,000**

Recycleworks will purchase a specialized baler that de-packages food and beverage products, allowing the recovery of containers and liquids. The 10,000-square-foot facility is dedicated to the destruction, disposal and recycling of non-conforming goods, market returns and out-of-code beverage products. The company intends to market the packaging materials and find outlets for the liquids, including, but not limited to, animal feed, anaerobic digestion, composting, gray water and natural detergent ingredients.

**United Teen Equality Center (UTEC), Lowell: Up to \$152,000**

UTEC will purchase a roll-off truck, forklift, five roll-off containers, a trailer setup for heat-treating mattresses, and assorted warehouse tools including a pallet jack, air compressor, strapping tool and rolling bins. UTEC employees manually disassemble mattresses and box springs from residential and commercial sources to divert wood, steel, foam and textiles for recycling. The roll-off truck and containers will enable more efficient collection of mattresses. The hot trailer is set up to sanitize mattress springs so that they can be sold for use in “rebuilt” mattresses. The warehouse tools will increase the efficiency of the mattress-processing operation.

## **NEW HAMPSHIRE**

### **Several New Hampshire Award Winners Were Among 18 Individuals and Organizations Recently Honored by the Gulf of Maine Council**

Several New Hampshire award winners, including a NHDES employee, were among 18 individuals and organizations recently honored by the Gulf of Maine Council at an international ceremony in Fredericton, New Brunswick for making a significant difference in protecting the health and sustainability of the Gulf of Maine watershed. Recipients from N.H. include Carroll Brown Jr., NHDES; Linda Schier, Acton Wakefield Watersheds Alliance; and the town of Durham.

The Council, a U.S.-Canadian partnership dedicated to protecting environmental quality in the Gulf of Maine, annually recognizes extraordinary work in each of its five jurisdictions, which include the states of New Hampshire, Maine, and Massachusetts as well as the Canadian provinces of New Brunswick and Nova Scotia.

"We are very pleased to honor 18 incredible award winners from New Brunswick, Nova Scotia, Maine, Massachusetts and New Hampshire. Their volunteer and professional efforts have supported the Gulf of Maine Council's Canadian / U.S. collaboration to protect the unique habitat, marine life, and economic resources of the Gulf of Maine ecosystem," said NHDES Water Division Assistant Director and Council Co-Chair Rene Pelletier.

#### **The following were awarded to N.H. recipients:**

##### **Visionary Awards**

The Gulf of Maine Visionary Awards are given to two individuals or organizations within each state and province to recognize their innovation, creativity, and commitment to marine protection.

##### **Carroll Brown, Jr., Coastal Oil Spill Response Coordinator, NHDES**

Since 2002, Carroll has been tireless in his work to plan for and make sure the region is equipped and ready to respond to an oil spill in the coastal waters of New Hampshire and Southern Maine. Following the disbanding of the Piscataqua River Cooperative, he was instrumental in continuing coastal oil spill preparedness efforts by helping to form and chair the Portsmouth Oil Spill Response Workgroup. NHDES retained the former Cooperative's spill response equipment, and Carroll ensured that this equipment was accounted for, repaired and kept in service to continue a high level of response readiness in the region. In addition, Carroll's outreach efforts and coordination have led to strong partnerships between different agencies and stakeholders, including a Memorandum of Understanding with the Portsmouth Naval Shipyard that was successfully put into practice during an oil spill release this past year. During this spill event, the agreement with the Navy and coordination with the Coast Guard resulted in a swift response, and the mutual use of equipment provided responders with the tools necessary to quickly contain the spill and effectively remove the oil. The region's response capabilities have been greatly increased by Carroll's dedication, creativity and the relationships that he has been able to build.

### **Linda Schier, Acton Wakefield Watersheds Alliance Executive Director**

Linda makes a significant difference to the lakes and communities in the Acton-Wakefield region of Maine and New Hampshire by initiating and implementing innovative projects and programs as well as bringing the lakes to the attention of municipalities, local businesses, educational institutions, governmental agencies, residents, visitors, and students. In 2005, she founded a Youth Conservation Corps in the watershed to provide summer jobs in lake conservation for local youth. Under Linda's guidance, the Corps has installed over 750 stormwater management practices that have prevented tons of sediment and many pounds of phosphorus from reaching lakes. She has also served as the leader for two significant watershed management planning efforts for Province Lake and the Salmon Falls headwaters lakes, bringing together diverse groups of people to analyze pollution and recommend ways to reduce it. The full list of Linda's accomplishments is extensive, including creating Weed Watcher Programs, organizing water quality monitoring volunteers, hosting special interest workshops, advocating for lake protection at town board meetings, organizing educational events and lake clean ups, conducting watershed assessments and leading hands-on school programs. Linda takes on the technical, environmental, and social challenges inherent in lake protection work, and through her enthusiasm and curiosity, she motivates others to care about lakes too.

### **Sustainable Communities Award**

The Sustainable Communities Award is a Gulfwide award that recognizes one community, or group within a community for exemplary work in achieving sustainable outcomes related to the environment and economy within the Gulf of Maine.

### **Town of Durham**

The town of Durham received the Sustainable Communities Award for its commitment and leadership in its vision for achieving long-term sustainability. The town's forward-thinking vision incorporates modern strategies, such as Smart Growth Principles, into every aspect of its community development. Durham has achieved many Smart Growth successes, including substantial investments in improving the downtown, strong support for the preservation of natural and historic resources, numerous stormwater projects, and progress towards economic security and energy independence. Throughout the town's Master Planning Process, the Planning Board and Master Plan Advisory Committee, in coordination with the Strafford Regional Planning Commission, captured the ideas of local residents to address local issues, including housing, natural and cultural resources, recreation, land use, zoning, business and industry, and infrastructure to incorporate into the Plan. This commitment to public engagement has empowered the town of Durham to work towards a sustainable and prosperous future that retains the core values and principles of a town with an engaged community, a vibrant downtown, and an abundant, accessible natural environment.

## **RHODE ISLAND**

### **The Rhode Island Department of Environmental Management (DEM) Begins Treating Shippee Sawmill Pond in Foster to Help Control Invasive Weeds That Are A Nuisance to Fishermen and Boaters.**

The Rhode Island Department of Environmental Management (DEM) recently announced plans to treat Shippee Sawmill Pond in Foster to help control invasive weeds that are a nuisance to fishermen and boaters. The chemical treatment, which will be applied three times throughout the summer, poses no public health risk or harm to fish or other aquatic life.

Treatment got underway on Friday, July 8 and targeted nuisance plants such as white and yellow waterlily and variable water milfoil. The public should avoid fishing and boating on the pond on treatment days. Signs will be posted around the pond regarding temporary water-use restrictions during these times.

To help control the spread of invasive species, the use of external felt soled or any natural or synthetic porous material capable of absorbing water is strictly prohibited in Rhode Island's freshwaters. This includes any waters shared with adjacent states in which Rhode Island fishing regulations apply.