



# 2017 GTLC Annual Report

for Appleton's participation in the Sustainability Component of the Green Tier Legacy Communities Charter

## **MISSION STATEMENT:**

*The City of Appleton is dedicated to meeting the needs of our community and enhancing the quality of life.*

## **TRANSPORTATION**

- Implemented fourth year of City's new Sidewalk Poetry Program.
- Adopted the City of Appleton Trail Master Plan.
- Installed a new Bike Fix-It Station at the Library.
- Installed a Pet Waste Station in College Avenue beautification strip near Houdini Plaza promoting walking in the downtown.
- Added 1.27 miles of new bike lanes (Eisenhower Drive, Lawrence Street and CTH JJ) and 1.77 miles of shared use lanes (Washington Street, Drew Street, Franklin Street and Water Street) as part of the City's On-Street Bike Lane Plan. Also added 1.09 miles of side-paths on CTH JJ and Eisenhower Drive.
- Total of 108 CEA vehicles equipped with GPS units. Original goal was 100.
- Collaborated with Lawrence University on their class "Environmental Studies 300: Bicycling & Sustainable Communities" Class project deliverables are (1) Count bike parking facilities in the downtown, (2) Map bike parking facilities, (3) Draft survey about bike parking for downtown business owners.
- Worked with Valley New School to install bike racks adjacent to the Blue Parking Ramp on City Center Street.
- Obtained designation of Silver Level for Bicycle Friendly Community by the League of American Bicyclists.
- Partnered with Outagamie and Calumet Counties on a signal optimization project for the Calumet Street corridor.
- Total of 1.0 mile of sidewalk was added along Edgewood Drive and various other locations, for a total of 444 miles of sidewalk.
- Lawrence Street was converted into a complete street.
- Valley Road was converted to a complete street.
- Adopted Crosswalk Marking/Enhancement Policy for Uncontrolled Intersection Crossings.
- Acquired (3) Train Trestles to covert to trails. Two will be connecting trails and one will be a fishing pier.
- Re-paved the North Island trail.
- Repaved 0.5 miles of the CE trail.

## **LAND USE**

- Utilized mulch from damaged trees. Have used on playgrounds and various landscaping.
- Recognized by WDNR with a biosolids composting permit at the Wastewater Plant. This is the only facility in the state that operates a biosolids composting facility.
- Developed RFP for preliminary study of a City owned biosolids compost facility.
- All plastic bottles and containers are now accepted as part of the County's residential recycling program.
- Incorporated horticultural vinegar for weed control in park playgrounds.
- Acquired additional land adjacent to Memorial Park (1.1 acres).
- Created a reforestation area as part of the Leona Pond Project scheduled for construction in 2019.

- Developed a Master plan for Jones Park.
- Implemented fourth year of our Urban In-fill Tree Planting Program.
- Donated material from demolition of bridge tender storage building to restore and bicycle to Riverview gardens.
- Received Tree City USA Award for 26th consecutive year.
- Council approved R/R Quiet Zone Plan to be implemented in 2018/2019.
- Remediated invasive plants at Pierce Park, Telulah Park and various trails (multi-year initiative).
- Worked with Atlas Coffee Shop to convert a piece of street right-of-way into a flower garden between the railroad tracks and Water Street.

## **ENERGY**

- Wastewater Plant - Working with engineers to analyze and design a third methane boiler.
- Wastewater Plant - Engineering an additional high efficiency turbine that will ensure a reduction of 180 kW at the facility. This will be a second high efficiency turbine installation.
- Water Treatment Facility is projected to reduce electrical by 15% in 2017. The reduction is a result of the addition of the ultraviolet light process. This reduction equates to 970,000 kWh annually.
- Water Plant is expected to reduce gas usage by 27% in 2017. This equates to a reduction of 48,000 therms. This change in use is a result of the transition to the ultraviolet light process.
- Continued street light LED conversion project. 1094 city-owned lights of which 680 are now LED.
- Worked with We Energies to convert 315 leased lights to LED.
- Installed new high efficiency HVAC system in the office area at the Facilities & Grounds Operations Center.
- Installed new LED lighting in the office at the Facilities & Grounds Operations Center.
- Installed new LED lighting throughout all of Alicia Park.
- Installed new LED exterior lighting at the Municipal Services Building.
- Installed motion sensors in the garage area at the Municipal Services Building.
- Installed new LED lighting at Wastewater Treatment Facility. This is the first phase of a multi-phase project.

## **WATER**

- Constructed a stormwater retention pond in Erb Park to mitigate flooding in adjoining neighborhoods and within the park. City now has a total of 40 wet ponds and 8 dry ponds to provide water quality and quantity benefits to the community.
- Constructed a stormwater retention pond at Cotter Street to address water quality and quantity issues in that neighborhood.
- City mowers are now equipped with mulching decks. In addition, leaves are mulched in place on City properties.
- Wastewater Plant is projected to reduce phosphorus discharges to the river by 4,290 pounds (i.e., 2017 vs 2016 discharge data).
- WDNR issued Appleton a WPDES permit with biosolids composting. This elevates the biosolids composting initiative from a pilot to a permitted entity.
- Replaced 30 lead services.
- Relayed 2.9 miles of old leaking, undersized watermain.
- Completed installation of new Advanced Metering Infrastructure system for water meter reading and residential cross connection survey.

## **WASTE**

- Utilized chips from street tree removals as playground and landscape mulch.
- Performed recycling in all City parks.

### **HEALTHY COMMUNITY PLANNING**

- Updated City Comprehensive Plan 2010 – 2030.
- Staff from the Department of Public Works participated in Fox River Cleanup Day on April 22, 2017.
- Partnered with Evergreen Credit Union on a Stormwater 101 Education Program.
- Continued to provide and expand recreational opportunities with a focus on health through the Parks and Recreation Department.

### **LEGACY COMMUNITIES SUSTAINABLE STRATEGIES**

A copy of the Legacy Communities Sustainable Strategy Spreadsheet (aka Appendix 3 of the Legacy Communities Charter) is included as an attachment to this report.