



# COLLINS PARK IMPROVEMENTS

## QUARTERLY UPDATE

### Plan of Capital Improvements Reaches Midpoint

The Collins Park Water Treatment Plant is now 5 years into the implementation of a 10-year, \$500-million Ohio EPA-approved Plan of Capital Improvements. Early projects included increasing chemical treatment capacity and adding monitoring devices to provide advance notice of changing lake conditions and improve the plant's ability to remove harmful algal bloom toxins and other organics from source water. In 2016, the reliability of the water system was improved through the addition of backup backwash facilities and replacing portions of the chemical conveyance and feed systems.

More than \$129 million was invested in the improvement of the Collins Park plant this year, including the replacement of automated computer-control systems, the start of construction of Basin 7 and Basin 8 and \$24 million in electrical upgrades. The current construction progress of four key projects that are a part of the plan are shown below. Great progress is being made as the study phase draws to a close and many of the remaining projects enter into the design and construction phases. By 2022, Collins Park Water Treatment Plant will be a state-of-the-art facility that will meet the needs of our region for the foreseeable future.

### Groundbreaking Ceremony Held for Basin 7 and Basin 8 Addition

On October 19, the City of Toledo celebrated the most significant expansion of the Collins Park Water Treatment Plant since 1956 with a groundbreaking ceremony for the Basin 7 and Basin 8 projects. When complete, the two basins will enable the plant to retain full treatment capacity while other portions of the facility are removed from service for upgrades and routine maintenance. Basin 7 will include 20 million gallons per day of redundant capacity, Basin 8 will include an additional capacity of 20 million gallons per day, and both include flocculation, sedimentation and recarbonation basins; dual media filters; piping and structures; and chemical feed facilities. The basins were designed by Arcadis US, Inc., will be built by Mosser Construction Co., and will be online in April 2020.

## Current Construction Progress

LOW SERVICE PUMP STATION	COLLINS PARK ELECTRICAL UPGRADE	TREATMENT BASINS 7 AND 8 ADDITION	MAINTENANCE FACILITY AND CHEMICAL BUILDING
<b>89%</b>	<b>57%</b>	<b>0%</b>	<b>0%</b>
WORK COMPLETE \$25.9 MILLION	WORK COMPLETE \$23.8 MILLION	WORK COMPLETE \$55.0 MILLION	WORK COMPLETE \$10.0 MILLION
UNDERWAY	UNDERWAY	UNDERWAY	UNDERWAY
<ul style="list-style-type: none"> <li>» Raw water pump replacements</li> <li>» Building renovations and security upgrades</li> <li>» Roadway and site restoration</li> </ul>	<ul style="list-style-type: none"> <li>» Energize First Energy substation</li> <li>» East and West Plant electrical switchgear</li> <li>» Conduit and power cable installation</li> </ul>	<ul style="list-style-type: none"> <li>» Contractor staging</li> <li>» Utility relocations</li> </ul>	<ul style="list-style-type: none"> <li>» Contract award</li> <li>» Contractor mobilization</li> </ul>

For more information about the General Plan of Capital Improvements, please visit <http://toledoh2o.com>.