



# COLLINS PARK IMPROVEMENTS

## QUARTERLY UPDATE

### Getting to the Heart of the Plan of Capital Improvements

The Collins Park Water Treatment Plant is a hub of activity with 10 projects under construction and six additional projects moving into the bid and award phase in 2018.

Projects of note include construction of Basins 7 and 8 and Filter Improvements, which began last fall and has progressed according to schedule through the winter months. When complete in 2020, these two basins will enable the plant to retain full treatment capacity while other portions of the facility are taken offline for maintenance. The plant-wide power improvements are progressing as well, with preparations to energize the new electrical substation underway. When complete later this year, the new system will improve power distribution within the plant for improved reliability, operations safety and increased capacity.

More recently, crews broke ground on the new Maintenance Facility and Chemical Building Renovation project. This new facility will provide much-needed space for staff, equipment and supplies required to keep the plant operating efficiently. This quick-paced \$16.4-million project is slated for completion in 2019.

Upcoming projects moving into bid phase this year include the construction of additional ozone treatment facilities and Phase 2 chemical conveyance upgrades. The ozonation process will provide an additional treatment barrier for removal of Lake Erie harmful algal blooms and further protect the City's drinking water supply. The chemical conveyance updates include the installation of new equipment in compliance with current design standards to improve the reliability and efficiency of water treatment processes.

We are proud to report that as we proceed through the heart of the \$500-million Ohio EPA-approved Plan of Capital Improvements, we are on budget and on schedule to complete all projects by 2022.

### Low Service Pump Station Improvements Nearing Completion

Work at the Low Service Pump Station is coming to a close, with substantial completion expected in late March. Improvements include a new electrical substation and switchgear; replacement of four pumping units and standby generators; restoration of building masonry, large valves and related piping systems; a new HVAC system and added security. This work will significantly improve the long-term efficiency and reliability of this essential facility, which pumps raw water from Lake Erie to the Collins Park plant for treatment.

### Current Construction Progress

LOW SERVICE PUMP STATION	COLLINS PARK ELECTRICAL UPGRADE	TREATMENT BASINS 7 AND 8 ADDITION	MAINTENANCE FACILITY AND CHEMICAL BUILDING
<b>94%</b>	<b>75%</b>	<b>7%</b>	<b>5%</b>
WORK COMPLETE \$26.3 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>» Building renovations</li> <li>» Site restoration</li> <li>» Security upgrades</li> </ul>	<ul style="list-style-type: none"> <li>» Energize substation</li> <li>» East and West Plant new power cutover</li> <li>» Conduit and power cable installation</li> </ul>	<ul style="list-style-type: none"> <li>» Basin excavation</li> <li>» Auger cast piling installation</li> <li>» Plant drain piping</li> </ul>	<ul style="list-style-type: none"> <li>» Building excavation</li> <li>» Foundation installation</li> </ul>

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