

CITY OF WINSTON-SALEM, NORTH CAROLINA  
 PROPOSED PROJECTS TO BE FUNDED WITH  
 GENERAL OBLIGATION TWO-THIRDS BONDS, SERIES 2023

<b>Projects</b>	<b>2023 Issuance</b>
<b>Safe and Secure Community</b>	
Fire Station Repaving Projects	\$485,000
Public Safety Facility Renewal	500,000
<b>Subtotal</b>	<b>\$985,000</b>
<b>Livable Neighborhoods</b>	
Granville Park Improvements	260,000
Park Bridge Improvements	230,000
Playground Safety Resurfacing	150,000
Recreation and Parks Facility Renewal	400,000
Recreation Maintenance Projects	720,000
<b>Subtotal</b>	<b>\$1,760,000</b>
<b>Quality Transportation</b>	
Bridge Repair and Replacements	\$1,500,000
Street Resurfacing Projects	1,500,000
Controlled Access Highway Streetlighting Maintenance	180,000
Decorative Streetlight Replacement	70,000
<b>Subtotal</b>	<b>\$3,250,000</b>
<b>Service Excellence</b>	
City Yard Security Fencing and Controlled Access	\$250,000
Salt Dome Conveyor System	150,000
General Government Facility Renewal	2,375,000
Solar PV System Installation	125,000
<b>Subtotal</b>	<b>\$2,900,000</b>
<b>Total Projects Funded by 2023 Two-Thirds Bonds</b>	<b><u>\$8,895,000</u></b>

**PUBLIC SAFETY - \$985,000****Fire Station Repaving Projects - \$485,000**

Planned appropriations in FY 2021-22 would fund repaving the front apparatus pad and rear parking lot at Station 18 with 8" reinforced concrete, repaving the front apparatus pad at Station 11, and resealing the parking lot and driveway at Station 5.

**Public Safety Facility Renewal - \$500,000**

Under the City's asset management program, Property & Facilities Management has performed facility condition assessments on all buildings in general fund departments, including all fire stations. Facilities Management has documented needs and established a schedule for the replacement of roofs, replacement of heating and air conditioning systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, bathroom and kitchen renewal, and miscellaneous systems maintenance at each of the City-owned public safety facilities.

**RECREATION AND PARKS - \$1,760,000****Granville Park Improvements - \$260,000**

In 2018, a condition assessment was completed for Granville Park to correct deficiencies. In FY 2021-2022, appropriations provide for Phase I to minimize erosion control through improvements of the storm drainage.

**Park Bridge Improvements - \$230,000**

This project is to provide for the repair/improvements of park bridges at Runnymede Park, Shaffner Park, and Bowen Park. The stone work, steel pipes and support of the bridges has washed out rusted, and has exceeded the life expectancy. Each bridge require extensive work, has been closed due to safety hazards. Appropriations would provide for the equipment, mobilization, and materials for the bridge improvements.

**Playground Safety Resurfacing - \$150,000**

This project provides for the annual maintenance of playground safety surfacing at various parks throughout the city. Playground resurfacing is needed for compliance with the Americans with Disabilities Act, Consumer Product Safety Commission and the American Society for Testing and Materials. All playground sites require safety resurfacing and will be prioritized for funding based on condition assessments and legal requirements.

**Recreation and Parks Facility Renewal - \$400,000**

Under the City's asset management program, Property and Facilities Management has performed facility condition assessments on all buildings in general fund departments, including the Recreation and Parks Department. A schedule has been established for the replacement of roofs, replacement of heating and air conditioning systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, and bathroom and kitchen renewal.

**Recreation Maintenance Projects - \$720,000**

This funding will be used to smooth out sinkholes and ruts in fairways, facilitate re-growth of grass, and address areas of erosion and encroachment of invasive species at Winston Lake Golf Course.

**TRANSPORTATION - \$3,250,000****Bridge Repair and Replacement - \$1,500,000**

This project provides for the repair and replacement of bridges on the City's maintenance system. Bridges are repaired to ensure safety and to extend their life. Consultants working for the North Carolina Department of Transportation (NCDOT) evaluate bridges every two years, and replacements are scheduled based on those evaluations and sufficiency ratings. Currently, a federal program provides 80% of the funding for bridge replacement projects (those over 20 feet in length). These funds are passed through the NCDOT.

**Street Resurfacing Projects - \$1,500,000**

The City of Winston-Salem maintains 1,033.36 centerline miles (2,324.32 lane miles) of hard surface streets and 6.75 miles of dirt streets. The benchmark for city streets is that 85% of the streets have a pavement condition rating of 85 or higher. Available resurfacing funds are applied and distributed throughout the City with an overall goal of improving the commute for citizens and achieving the benchmark.

**Controlled Access Highway Streetlighting Maintenance - \$180,000**

This project will provide for maintenance and upgrades to the lighting along Salem Parkway from Peters Creek Parkway to Silas Creek Parkway. There are 176 lights on this portion of Salem Parkway. Previously, these lights were maintained by Duke Energy, but this agreement ended in 2020. The current year funding will cover installing electric meters on all the lights, which is required by Duke Energy. Future work could include upgrading the existing lights to LED, replacing missing and damaged poles, and replacing bulbs.

**Decorative Streetlight Replacement - \$70,000**

This project provides for replacement of decorative streetlighting systems mainly in the downtown area. Due mostly to automobile accidents, 13 light have been destroyed. The lights are located on Main Street, Liberty Street, Research Parkway Town Run Lane, and 1st Street.

**OTHER - \$2,900,000****City Yard Fencing and Controlled Access - \$250,000**

The project allocates funding for the installation of chain-link, perimeter security fencing and three (3) ID badge activated/automated gates at City Yard. Two gates are needed to control access to City Yard from Rams Drive and one gate is needed to control access to City Yard from Research Parkway. Funding would also provide for an automatic gate with keycard controlled access to the Fleet Services location at City Yard.

**Salt Dome Conveyor System - \$150,000**

This project provides for the purchase and installation of a Salt Dome Conveyor System for City Yard. This system would improve and facilitate compliance for safety requirements per OSHA regulations and alleviate the hazardous angle of operation entailed for the track loader to perform the salt loading procedure. The conveyor would also address the safety concern of staff being subject to diesel fumes during the salt dome loading procedures.

**General Government Facility Renewal - \$2,375,000**

Under the City's asset management program, Property and Facilities Management has performed facility condition assessments on all buildings in general fund departments, including those located at City Yard, City Hall, and the Bryce A. Stuart Building (City Hall South). Facilities Management has documented needs and established a schedule for the replacement of roofs, replacement of heating and air conditioning systems, painting, renewal of interior finishes, replacement and repair of electrical and lighting systems, bathroom and kitchen renewal, and miscellaneous systems maintenance at each of the City-owned general government facilities.

**Solar PV System Installation - \$125,000**

With the recent commitments made by City Council to utilize renewable energy in city operations, this is an action that will help the City reach those goals by placing solar panels on City facilities.