

# General Obligation (G.O.) Bonds

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MAYOR JOHN HAMILTON

APRIL 13, 2022





# PUBLIC WORKS G.O. BONDS POTENTIAL PROJECTS

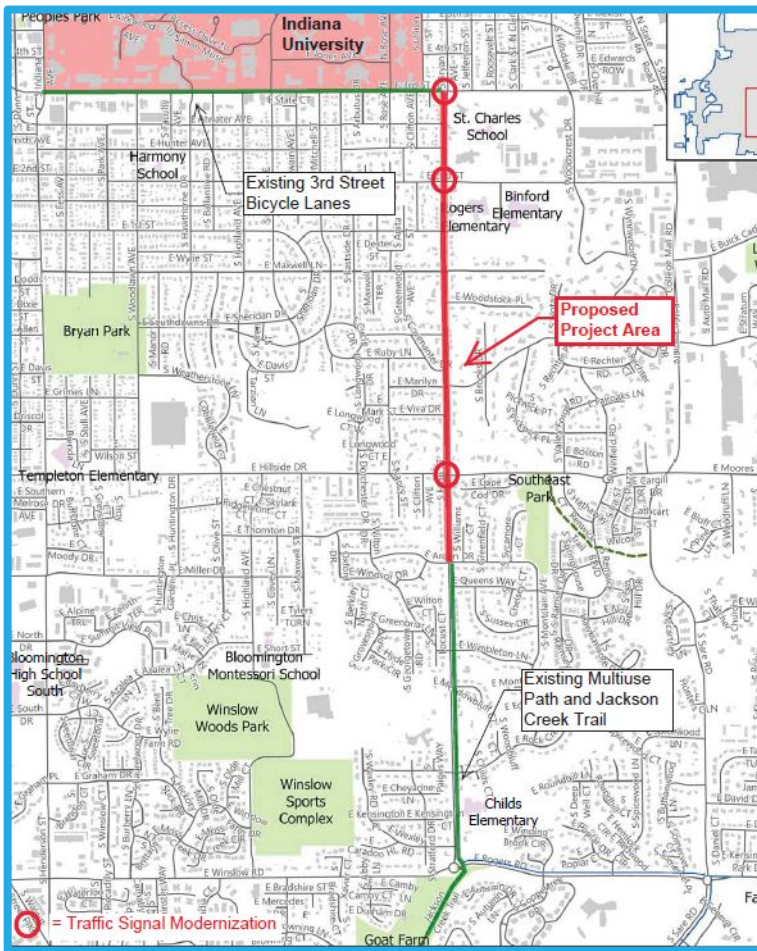
# PUBLIC WORKS GENERAL OBLIGATION (G.O.) BONDS

Item	Minimum Estimate	Maximum Estimate
High St. Multiuse Path and Intersection Modernizations (Arden Dr to 3rd St)	\$2,500,000	\$5,000,000
Citywide LED conversion of street lights	\$1,500,000	\$2,000,000
Downtown ADA Curb Ramps (e.g., W Kirkwood and Indiana Ave)	\$500,000	\$1,000,000
Sidewalk projects (TBD)	\$300,000	\$1,000,000
Energy efficiency retrofits for all City buildings	\$1,000,000	\$3,000,000
City fleet vehicle hybrid/electrification fund	\$1,200,000	\$2,200,000
GPS for city fleet	\$250,000	\$250,000
Create green waste yard at Lower Cascades Park	\$400,000	\$500,000
Citywide traffic signal retiming	\$42,500	\$425,000
	<b>\$5,192,500</b>	<b>\$10,375,000</b>

# HIGH ST MULTIUSE PATH AND INTERSECTION MODERNIZATIONS

**GOAL:** Construct multimodal safety, accessibility, and mobility improvements on High St between Arden Dr and 3rd St. Provide continuous bike and pedestrian facility from 3rd St to Rhorer Rd connecting parks, schools, trails, neighborhoods, etc.

**COST:** \$3,403,866 of federal funding has been programmed to pay for up to 80% of construction costs and right of way acquisition costs. The City must provide the local match for these funds in addition to design and construction inspection costs. The total local portion necessary to leverage the federal funds is estimated to be between \$2.5M and \$5M.



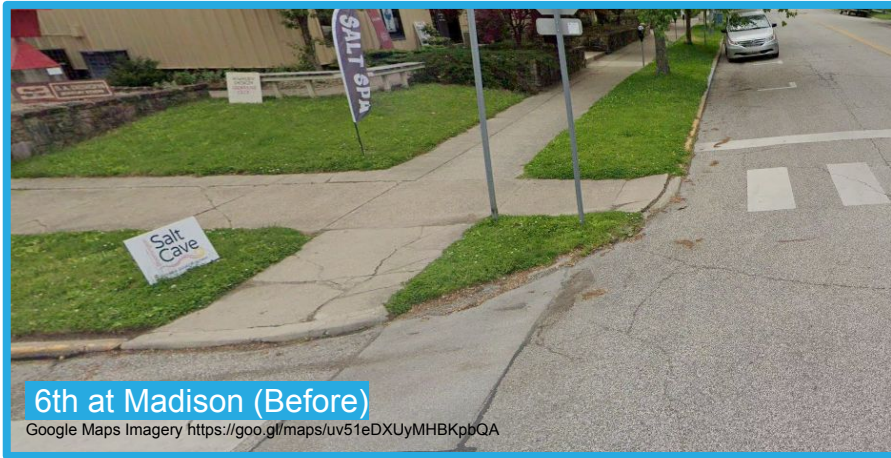


# CITYWIDE LED CONVERSION OF STREET LIGHTS

**GOAL:** Convert over 2,400 obsolete high pressure sodium vapor lights to modern, energy-efficient LED fixtures.

**COST:** \$1.5 to \$2.0 million on head to head conversion of existing leased roadway street lights. This approach will result in savings of \$725,000 in equipment costs.

LED technologies reduce energy consumption, operating costs, and reduce carbon emissions.



6th at Madison (Before)

Google Maps Imagery <https://goo.gl/maps/uv51eDXUyMHBKpbQA>

# DOWNTOWN ADA CURB RAMPS (E.G., W KIRKWOOD AND INDIANA AVE)



6th at Madison (After)

**GOAL:** Design and construct accessibility and safety improvements in the downtown area

**COST:** The project can be scaled to reflect the available funding (e.g., \$500,000 to \$1M).



Rockport Rd (Before Sidewalk Installation)

Google Maps Imagery <https://goo.gl/maps/yWkWkcazviQfvF9F7>



Rockport Rd (After Sidewalk Installation)

Google Maps Imagery <https://goo.gl/maps/yWkWkcazviQfvF9F7>

# SIDEWALK PROJECT(S)

**GOAL:** Design and construct sidewalk projects. Project selection TBD based on funding and objective prioritization tool.

**COST:** The project can be scaled to reflect the available funding (e.g., \$300,000 to \$1M).



# ENERGY EFFICIENCY RETROFITS FOR ALL CITY BUILDINGS

**GOAL:** Conduct retrofits on all primary City owned facilities to increase energy efficiency

**COST:** \$1.0 to \$3.0 million to conduct an initial energy efficiency audit and targeted facility retrofits and improvements to reduce energy consumption and costs.

Successful facility retrofits eligible to receive Duke Energy financial rebates for reducing energy use and consumption.



# CITY FLEET VEHICLE HYBRID/ ELECTRIFICATION FUND



**GOAL:** Replace conventional gasoline powered vehicles in the City's fleet with hybrid technology.

**COST:** \$1.2 to \$2.2 million, depending on the number of vehicles targeted for replacement. Approximately 25 vehicles can be replaced for \$1 million.

Utilize Replacement Analysis to prioritize specific vehicles replacement to obtain the fastest return on investment.



# GPS FOR CITY FLEET

**GOAL:** Implement a GPS telematics system to provide real time data on vehicle usage citywide.

**COST:** \$250,000

Reduction throughout the City's fleet in fuel usage, driving amounts and vehicle idling.



# CITY GREEN WASTE YARD

**GOAL:** Create a green waste yard for the City of Bloomington to compost woody waste generated by Urban Forestry and the Street Department, potentially at Lower Cascades. Presents opportunities for partnerships with other agencies.

**EST. COST:** \$500,000 plus annual operating costs.



# CITYWIDE TRAFFIC SIGNAL RETIMING

**GOAL:** Optimize the citywide traffic signal infrastructure in place to be as safe, efficient, and smart as possible.

**COST:** The project cost is \$425,000 of which 90% (\$382,500) will be reimbursed with Highway Safety Improvement Program (HSIP) federal funding awarded through the MPO.

**THANK YOU.**

Questions?





# PARKS G.O. BONDS POTENTIAL PROJECTS

# PARKS GENERAL OBLIGATION (G.O.) BONDS

Item	Minimum Estimate	Maximum Estimate
Replace gas powered equipment with electric equipment	\$25,000	\$25,000
Replace missing sidewalk on Rogers St. by Switchyard Park	\$200,000	\$200,000
Covenanter Drive Protected Bicycle Lanes (College Mall to Clarizz Blvd)	\$2,400,000	\$2,880,000
N Dunn St Multiuse Path (45/46 Bypass to Old SR 37)	\$800,000	\$960,000
Griffy Loop Trail dam crossing and community access	\$375,000	\$375,000
W. 2nd Street Modernization and Protected Bike Lanes (Walker St to B-Line)	\$1,500,000	\$1,500,000
Cascades Phase 6 - path/connection to Miller Showers Park	\$3,200,000	\$3,200,000
	<b>\$8,500,000</b>	<b>\$9,140,000</b>

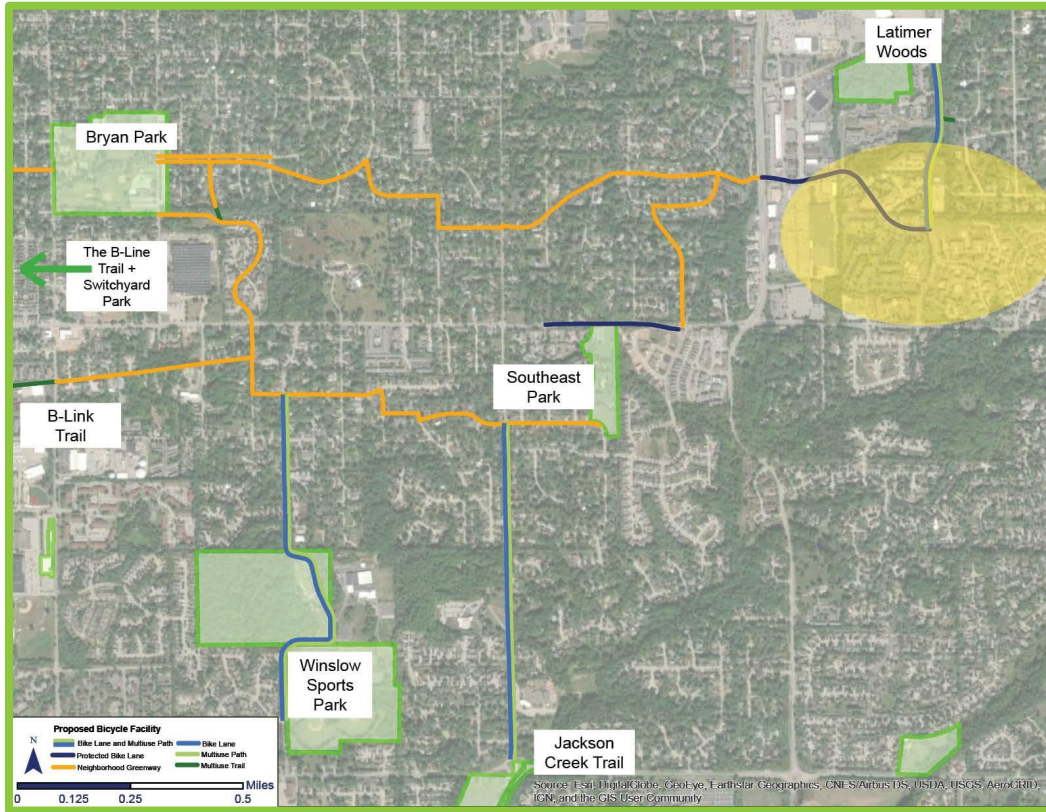
# EAST COVENANTER PROTECTED BIKE LANE

## PROPOSED PROJECT #3

**GOAL:** Increase access for residents by improving E. Covanter Drive by adding protected bicycle lanes, sidewalk improvements, and bus stop enhancements.

The census block has the highest population density on the southeast side of town.

**COST:** \$2.4-\$2.88 million to design and construct this facility.



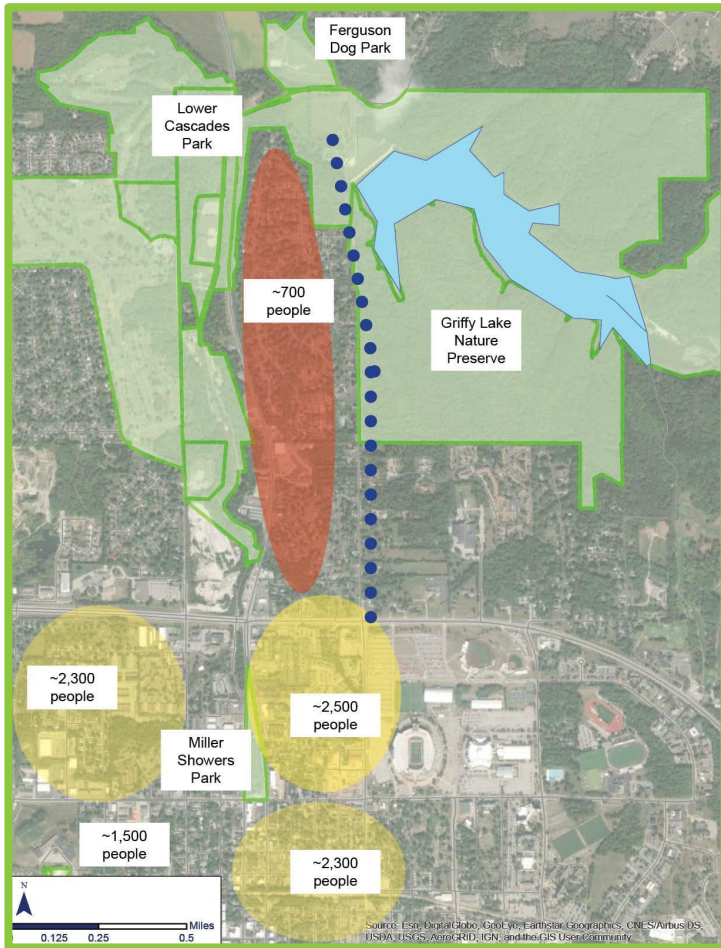


# N. DUNN MULTI-USE PATH

## PROPOSED PROJECT #4

**GOAL:** To design a multiuse path along Dunn Street from the 45/46 Bypass to Old State Road 37 in order to create a way for residents to access Griffy Lake Nature Preserve.

**EST. COST:** \$800,000 - \$960,000 to fund design. The intention is to create a project ready for possible state trails funding.

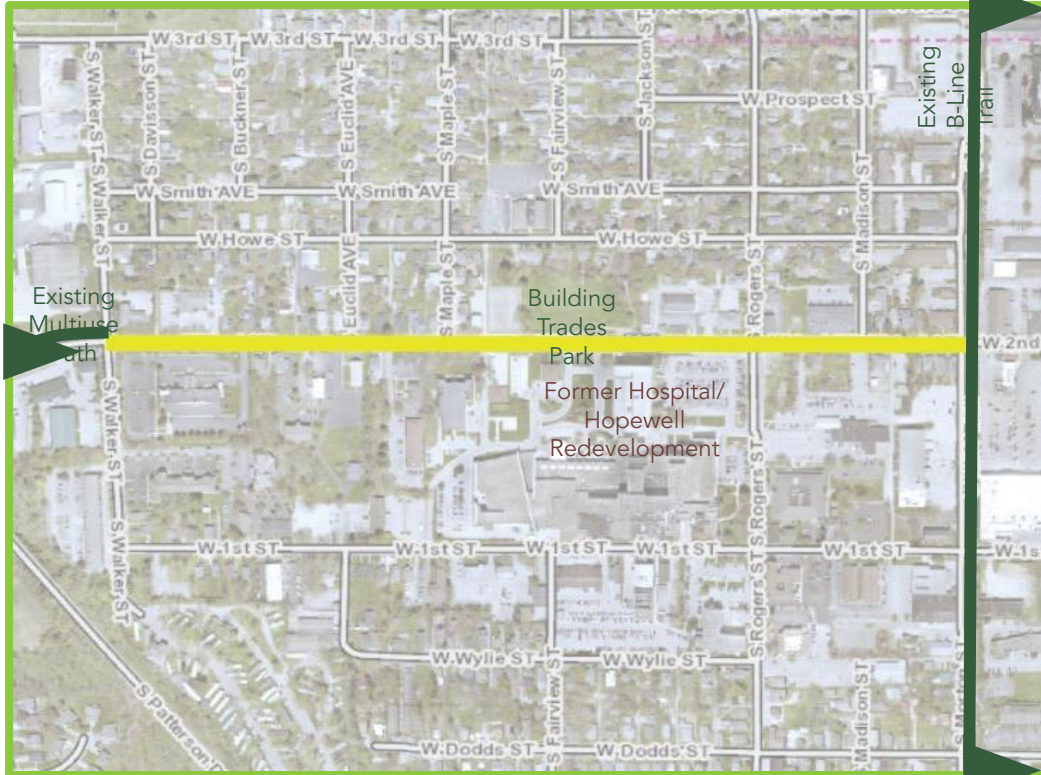


# W. 2ND PROTECTED BIKE LANE

## PROPOSED PROJECT #6

**GOAL:** Construct safety, accessibility, and mobility improvements including protected bicycle lanes and new traffic signals to connect to the B-Line Trail. Project also supports infill redevelopment of the former hospital site.

**COST:** \$3,161,756 of federal funding has been awarded to pay for up to 80% of construction and inspection costs. The City must provide the 20% local match in addition to design and potential right of way costs. The total local portion necessary to leverage the federal funds is estimated to be \$1,500,000.





# REPLACE GAS EQUIPMENT

## PROPOSED PROJECT #1

**GOAL:** Replace gas equipment used to maintain parks, trails, and cemeteries with battery equipment.

**COST:** \$25,000 or more. New opportunities exist to invest in battery mowers that could utilize further investment. Replacement helps meet Climate Action Plan goals.

Battery mowers have the potential to pay off their additional cost within 1-2 years.



# REPLACE ROGERS ST. SIDEWALK

## PROPOSED PROJECT #2

**GOAL:** Replace approximately 250 feet of missing sidewalk along Rogers St. Includes culvert extensions on west fork of Clear Creek. Fulfills a zoning requirement.

**EST. COST:** \$200,000. Design already funded and in progress.



# GRIFFY LOOP DAM CROSSING

## PROPOSED PROJECT #5

**GOAL:** Close the western end of the Griffy Loop trail with improvements to the dam that were value engineered out of 2021-2022 bond project. Fulfills Parks Strategic Plan & Capital Improvement Plan.

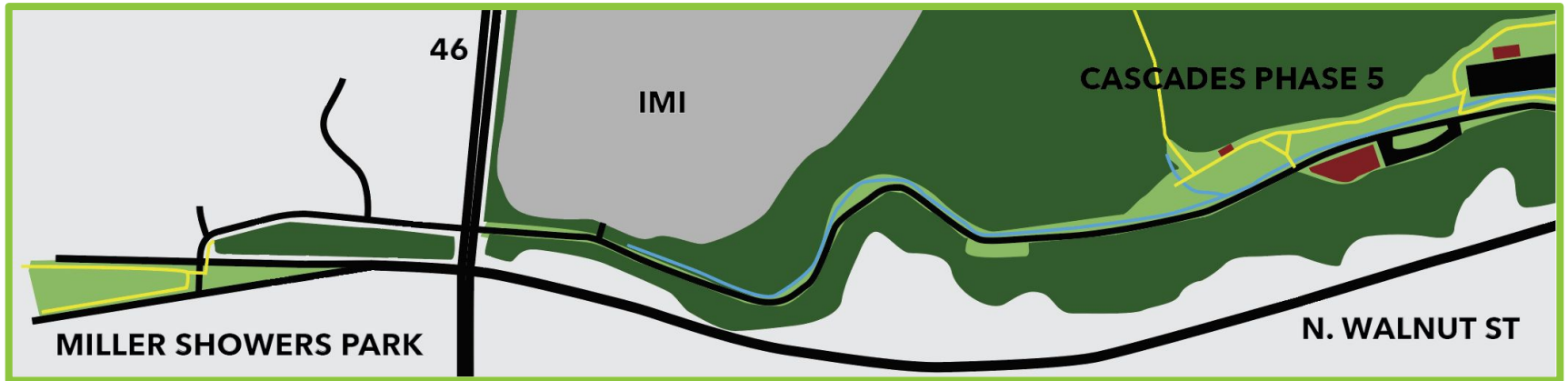
**COST:** \$375,000, based on bids received in fall 2021.

# CASCADES PHASE 6 TRAIL

## PROPOSED PROJECT #7

**GOAL:** Create a path/trail connection from Miller Showers Park to Cascades Phase 5 Trail & beyond. Create connection indicated in Transportation Plan.

**EST. COST:** up to \$3.2 million, including potential necessary infrastructure work coordinated across several city departments.



bloomington.in.gov/newrevenue

