

## EXECUTIVE SUMMARY

**DATE:** December 13, 2023

**TITLE:** 2024 Capital Roadway Improvements and 5 Year Capital Plan

**BACKGROUND:** Using the PASER pavement rating system projects have been identified for 2024 through 2028. The five-year capital plan is revised and approved each year to adjust for levels of funding, unanticipated deterioration of specific roadways, coordination with Sturgeon Bay Utilities, and other issues that warrant the delay or acceleration of various planned roadway projects. For 2024 the proposed capital roadway improvement projects include:

1) N 18<sup>th</sup> Place & Vicinity: Mill & Pave. This project will include the following roadway segments:

- N 18<sup>th</sup> Place (from Georgia Street to Jefferson Drive)
- Jefferson Drive (from N 18<sup>th</sup> Place to N 18<sup>th</sup> Ave)
- Iowa Street (from N 18<sup>th</sup> Place to N 18<sup>th</sup> Ave)

Included within this project will be manhole and water valve adjustments, spot replacement of the curbing, and replacement of the pavement.

2) Huron Street & Vicinity: Mill & Pave. This project will include the following roadway segments:

- Huron Street (from N 14<sup>th</sup> Place to N 15<sup>th</sup> Place)
- Huron Court (from Huron Street to N 15<sup>th</sup> Place)
- N 15<sup>th</sup> Place (from Huron Street to Georgia Street)

Included within this project will be misc. storm sewer repairs, spot replacement of the curbing, and replacement of the pavement. Also, a new storm sewer inlet will be added at the southwest corner of Huron Street & Huron Court to improve the drainage of the area.

3) Louisiana Place & Vicinity: Mill & Pave. This project will include the following roadway segments:

- N 17<sup>th</sup> Drive (from Michigan Street to Jefferson Place)
- Kentucky Place (from N 16<sup>th</sup> Place to N 17<sup>th</sup> Drive)
- Louisiana Place (from N 17<sup>th</sup> Drive to N 16<sup>th</sup> Place)
- N 16<sup>th</sup> Place (from Louisiana Place to Kentucky Place)
- N 16<sup>th</sup> Drive (from Kentucky Place to Louisiana Place)

Included within this project will be manhole and water valve adjustments, misc. storm sewer repairs, spot replacement of the curbing, and replacement of the pavement. Also, at 9 sanitary sewer manholes, deteriorating block cones will be removed and replaced with new precast cones. In addition, WPS will be replacing some of the gas infrastructure within the Louisiana Place and N 16<sup>th</sup> Place portions of this project.

4) Oregon Street & Vicinity: Mill & Pave. This project will include the following roadway segments:

- Oregon Street (from S 10<sup>th</sup> Ave to S 7<sup>th</sup> Ave)
- S 9<sup>th</sup> Ave (from Michigan Street to Pennsylvania Street)
- S 8<sup>th</sup> Ave (from Pennsylvania Street to Oregon Street)
- S 7<sup>th</sup> Ave (from Oregon Street to Pennsylvania Street)
- Pennsylvania Street (from S 7<sup>th</sup> Ave to S 8<sup>th</sup> Ave)

Included within this project will be manhole and water valve adjustments, spot replacement of the curbing & sidewalks, and replacement of the pavement. Also, WPS will be replacing some of the gas infrastructure within the Oregon Street, S 8<sup>th</sup> Ave, and S 7<sup>th</sup> Ave portions of this project. In addition, a new sidewalk will be added to the west side of S 9<sup>th</sup> Ave from Oregon Street to Pennsylvania Street to improve the sidewalk connectivity in the area. NOTE: the project budget does include a \$14,071.25 special assessment to 3 properties for the new concrete sidewalks only. All other associated costs for the new sidewalk are included within the project budget.

- 5) N 12<sup>th</sup> Place (from Bluebird Street to Eagle Street) and Eagle Street (from N 12<sup>th</sup> Place to N 12<sup>th</sup> Place): Mill & Pave. This project will include manhole and water valve adjustments, misc. storm sewer repairs, spot replacement of the curbing, and replacement of the pavement.
- 6) W Maple Street (from Bayfield Ave to Baraboo Ave): Mill & Pave. This project will include manhole and water valve adjustments, spot replacement of the curbing, and replacement of the pavement.
- 7) N Fulton Ave (from W Hickory Street to W Juniper Street): Mill & Pave. This project will include manhole and water valve adjustments, misc. storm sewer repairs, spot replacement of the curbing, and replacement of the pavement.
- 8) Cove Road (from 715' north of Zenith Street to south termination at City Limits) and Zenith Street (from Cove Road to west termination): Mill & Pave. This project will include replacement of the pavement and new gravel shoulders.
- 9) N 2<sup>nd</sup> Ave Parking Lot: Pavement Replacement. This project will include removing the current concrete island along with spot replacement of the sidewalk, curbing, and driveway aprons along N 2<sup>nd</sup> Ave to allow for a modified parking layout as shown on the attached plans. Also, included is the replacement of the adjacent alley on the east side of the parking lot between Michigan Street and Louisiana Street. In addition, roll curbs will be added as shown on the attached plans to create landscaping islands (that will include trees) to improve the aesthetics of the area.
- 10) Alleys E46 and E47: Pavement Replacement. These projects will include replacement of the pavement. Pavement removal, base replacement (if needed), and final grading will be completed by the City of Sturgeon Bay DPW crews.

For 2024 there are also several TID projects proposed and include:

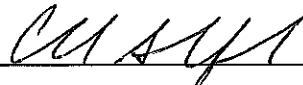
- 1) Geneva Ridge Subdivision:
  - a) S Fulton Ave and S Geneva Ave will be extended as shown on the attached plans. Storm sewer, sanitary sewer, and water infrastructure will be added to these street extensions to service the new lots created. Roll curbing will be added to the streets to allow for driveway location flexibility, and as the houses are completed, sidewalks will be added to the east side of the roadway extensions.
  - b) S Hudson Ave (from W Walnut Drive to south termination): Mill & Pave. This project will include manhole and water valve adjustments, spot replacement of the curbing on the east side of the roadway, new roll curbing on the west side of the roadway, and replacement of the pavement. Also, storm sewer will be added to the west side of the roadway (ending at the south termination) to aid future development to the south.

- c) S Hudson Ave (from W Walnut Drive to south termination) and S Hudson Court (from W Walnut Drive to north termination): New Sidewalks. On both roadways sidewalks will be added to the east side of the roadway to connect the path under the HWY 42/57 overpass to the trail that ends at the south termination of S Hudson Ave. NOTE: the project budget does include a \$38,495.50 special assessment to 11 properties for the new concrete sidewalks only. All other associated costs for the new sidewalk are included within the project budget.
- 2) Alabama Place (from termination east of Bonnie View Drive to N 12<sup>th</sup> Place: Storm sewer, sanitary sewer, and water infrastructure were completed this summer. Currently the gravel road base is being installed. Next spring / early summer the ponds will be constructed. After that work is completed the concrete curbing and asphalt will be installed as the apartment buildings near completion.
- 3) Proposed 911 Parking Lot: On the western portion of the property at 911 N 14<sup>th</sup> Ave a new parking lot will be constructed. The parking lot will include barrier curbing on the south side of the parking lot that will direct water to a new rain garden that will be constructed near the southeast corner of the parking lot. Landscaping islands with trees will also be included along with an arborvitae hedge line to provide screening between the parking lot and existing home. Lighting for the parking lot will also be provided using flood lights mounted to the 2 existing power poles on the south side of the parking lot.


**FISCAL IMPACT:** The proposed 2024 capital roadway improvement projects are estimated to cost approximately \$1,797,903.00. The 2024 budget includes \$1,796,000.00 for these projects. Therefore, the proposed projects are \$1903.00 over budget. However, if the bids come in favorably (ideally the engineering estimates will not be the low bidder) all of the projects should be able to be completed as proposed. If not, modifications to the plan may be needed in order to stay within the overall 2024 capital roadway improvement budgets.

The engineering estimates for the TID projects described above have been shared with the Community Development Director, and the TID budgets will be able to support the proposed projects.


**RECOMMENDATION:** Staff recommends approval of the five-year capital plan, including the authorization for the preparation of bid documents for the 2024 capital roadway improvement and TID projects as described above.

**SUBMITTED BY:**   
Chad Shefchik, City Engineer

Date: 12-13-23

**REVIEWED BY:**   
Marty Olejniczak, Community Development Director

Date: 12-13-2023

**REVIEWED BY:**   
Joshua VanLieshout, City Administrator

Date: 12/13/2023