

EXECUTIVE SUMMARY

DATE: **November 8, 2021**

TITLE: **5 Year Capital Plan and 2022 Capital Roadway Improvements**

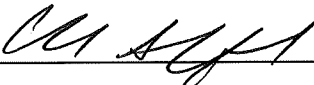
BACKGROUND: Using the PASER pavement rating system projects have been identified for 2022 through 2026. The five-year capital plan is revised and approved each year to adjust for levels of funding, unanticipated deterioration of specific roadways, coordination with Sturgeon Bay Utilities, and other issues that warrant the delay or acceleration of various planned roadway projects. For 2022 the proposed capital roadway improvement projects include:

- 1) N 18th Ave (from Florida Street to Iowa Street): Mill & pave. This project will include manhole and water valve adjustments, spot replacement of the curbing, and replacement of the pavement.
- 2) Michigan Street (from 12th Ave to 18th Ave) and S 16th Place (from Michigan Street to 950' south of Michigan Street): Mill & pave. This project will include manhole and water valve adjustments, misc. storm sewer repairs, spot replacement of the curbing & sidewalks, and replacement of the pavement. In addition, WPS will be replacing the gas infrastructure within the Michigan Street portions of this project. The gas line replacements will likely begin in March or April with the roadway work to follow shortly after.
- 3) W Ironwood Street (from N Fulton Ave to N Hudson Ave) and N Geneva Ave (from W Juniper Street to termination north of W Hickory Street): Mill & pave. This project will include manhole and water valve adjustments, spot replacement of the curbing, and replacement of the pavement. In addition, WPS will be also be replacing the gas infrastructure within the N Geneva Ave portions of this project. The gas line replacements will likely begin in April or May with the roadway work to follow shortly after.
- 4) W Walnut Drive (from S Duluth Ave to S Hudson Ave): Mill & pave. This project will include manhole and water valve adjustments, spot replacement of the curbing, and replacement of the pavement.
- 5) W Redwood Street (from S Lansing Ave to termination east of S Lansing Ave): Pulverize & pave. This project will include manhole adjustments, misc. storm sewer repairs, replacement of the pavement, and grass shouldering. This roadway is the lowest rated improved street in the City of Sturgeon Bay. It has been put off for many years in hopes of being coordinated with redevelopment of the West Side School property. Now that the Sawyer School Lofts development is underway this roadway replacement is being coordinated with the development's new parking lot and drive access areas.
- 6) N 14th Ave (from Egg Harbor Road to Bluebird Street): New Sidewalks. This project will include the addition of sidewalks on the west side of the roadway. Typically, the City has assessed the abutting property Owners for the cost of new sidewalks while the City pays for the remainder of the restoration work (driveway patching, concrete aprons, landscaping restoration, etc.) to complete the project. The 2022 Capital Roadway Improvements include an estimated special assessment of \$37,619.25. This special assessment would be proportionately distributed to 5 parcels.

- 7) Rhode Island Street (from Girls LL Ballfield to Address #417): New Sidewalks. This project will include the addition of sidewalks to fill in the gap and complete the sidewalks on the north side of the roadway. Typically, the City has assessed the abutting property Owners for the cost of new sidewalks while the City pays for the remainder of the restoration work (driveway patching, concrete aprons, landscaping restoration, etc.) to complete the project. The 2022 Capital Roadway Improvements include an estimated special assessment of \$8,540.50. This special assessment would be proportionately distributed to 4 parcels.
- 8) DOT – Hwy 42/57 Improvement Project (including City funded intersection improvements at S Ashland Ave, S Neenah Ave & Clay Banks Road): In 2022 the WI DOT will be completing a resurfacing level improvement project on Hwy 42/57 from the south junction of Highways 42 & 57 to the Bayview Bridge. This work will include concrete repairs, an asphalt overlay on existing asphalt sections, a new asphalt overlay on the section from S Duluth Ave to the Bayview Bridge, beam guard replacements, and pavement markings. The City of Sturgeon Bay has previously requested, and agreed to pay for, improvements at the following intersections:
- S Ashland Ave: This improvement will modify the northeast radius of the intersection and make it much easier for westbound traffic on the highway (particularly trucks and vehicles with trailers) to turn north onto S Ashland Ave.
 - S Neenah Ave: This improvement will modify the northeast radius of the intersection and make it much easier for westbound traffic on the highway (particularly trucks and vehicles with trailers) to turn north onto S Neenah Ave. This modification will also allow for the addition of a right turn lane for southbound traffic on S Neenah Ave to allow for more efficient access off of S Neenah Ave onto the highway.
 - Clay Banks Road: The costs for the improvements at this intersection will be shared equally by the City of Sturgeon Bay and the County of Door. The County has agreed to assist with these costs because these improvements will benefit CTH U (locally named Clay Banks Road). The following improvements will help to improve access onto and off of Hwy 42/57.
 - A right turn lane will be added onto Clay Banks Road to allow for easier eastbound access onto the highway.
 - A right turn lane will be added onto westbound Hwy 42/57 to allow for safer right turns onto Circle Ridge Road.
 - The median between Clay Banks Road and the Bay View Bridge will be modified to keep southbound traffic on Hwy 42/57 to one lane until traffic is past Clay Banks Road. This improvement is intended to make it easier to access Hwy 42/57 when attempting to make a left turn off of Clay Banks Road onto Hwy 42/57. This modification to the median will still allow for through traffic onto, or off of, Circle Ridge Road and left turns off of westbound Hwy 42/57 onto Clay Banks Road.
 - A right turn lane will be added onto eastbound Hwy 42/57 to allow for safer right turns on Clay Banks Road.

FISCAL IMPACT: The engineering estimates for the proposed 2022 capital roadway improvement projects are currently \$5,000.00 above the budgeted amounts available. Ideally, the engineering estimates will not be the low bidder. Therefore, if the bids come in favorably all of the projects should be able to be completed as proposed. If not, the S 16th Place project could easily be shortened as needed to allow for the for the projects to stay within the overall 2022 capital roadway improvement budgets.

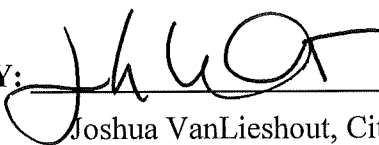
RECOMMENDATION: Staff recommends approval of the five-year capital plan, including the authorization for the preparation of bid documents for the 2022 capital roadway improvement projects as described above.

SUBMITTED BY: 
Chad Shefchik, City Engineer

Date: 11.8.21

REVIEWED BY: 
Marty Olejniczak, Community Development Director

Date: 11-8-2021

REVIEWED BY: 
Joshua VanLieshout, City Administrator

Date: 11/8/21