CITY OF STOUGHTON, 207 S. Forrest Street, Stoughton, WI 53589

ORDINANCE OF THE COMMON COUNCIL			
Amending Sections 66-904 (8) of the Stoughton Municipal Code			
Committee Action:	Public Works Committee recommends approval 4 - 0		
Fiscal Impact:	None		
File Number:	O-7 - 2021	**First Reading:**	March 9, 2021
		Second Reading:	March 23, 2021

The Common Council of the City of Stoughton do ordain as follows:

Sec. 66-904. - Range of required improvements.

(8) *Stormwater drainage facilities.* Whenever in the opinion of the director of planning and development upon consultation with the city contract engineer there is within reasonable distance a storm sewer main, the subdivision or planned unit development shall be provided with a complete stormwater management system which shall connect with such main. If the subdivision or planned unit development is traversed by any watercourse or channel, stream or creek, either live or dry, the subdivider shall dedicate a right-of-way for storm drainage purposes conforming substantially with the lines of such natural watercourse or channel, stream or creek or, at the developer's option, subject to the approval of the plan commission and the public works committee, provide adequate storm drains or other means for the handling of storm flow from and through his property and including the conveyance thereof. In general, the entire stormwater management systems and the disposal of stormwater shall be planned and built to meet the approval of the director of planning and development upon consultation with the city contract engineer.

Aesthetics shall be taken into consideration in the design of stormwater detention basins. Curvilinear rather than rectangular shaped basins shall be used wherever possible. Exposed rip-rap shall be kept to a minimum. More extensive areas of rip-rap should be covered with a thin layer of topsoil, turf reinforcement, and sod or be covered by water. Fieldstone shall be used for rip-rap wherever possible to provide a more natural appearance. Structures shall be flush with the ground surface whenever possible. Outlet control structures shall be designed to blend into the side slopes of the basin rather than being exposed in the bottom of the basin. A landscaping plan with a minimum of one tree or substantial bush cluster per detention basin side or per 100 feet of the perimeter, whichever provides more plantings, is required. A minimum of 10 feet of level surface between the top of the detention basin slope and adjacent properties is desired.

The subdivider shall, at its own cost, construct curbs and gutters, catch basins and inlets, storm sewers, road ditches and open channel drainageways as may be required by the city. All such facilities are to be of adequate size and grade to hydraulically accommodate maximum potential volumes of flow; the type of facility required, the design criteria and the sizes and grades to be determined, to present no hazard to life or property; and the size, type and installation of all stormwater drains and wastewater or sanitary sewers proposed to be constructed, shall be in accordance with the stormwater management plan and the plans and standards specifications

approved by the director of planning and development upon consultation with the city contract engineer. Curb and gutter installation may be delayed pursuant to subsection (4). Where such installations are delayed, the stormwater to be conveyed by the curb and gutter management system shall be maintained by the city at the expense of the developer.

Subdividers shall refer to the official map for site-specific standards related to the requirements of this section.

This ordinance shall be in full force and effect from and after its date of publication.

Dates

Council Adopted:_____

Mayor Approved: _____ _____

Tim Swadley, Mayor

Published:_____

Attest:_____ _____

Holly Licht, City Clerk

CITY OF STOUGHTON
DEPARTMENT OF
PLANNING & DEVELOPMENT
207 S. Forrest Street, Stoughton, WI. 53589

(608) 873-6619 www.ci.stoughton.wi.us

RODNEY J. SCHEEL
DIRECTOR

Date: February 11, 2021

To: Public Works Committee

From: Rodney J. Scheel
Director of Planning & Development

Subject: Stormwater Pond Aesthetics

The Public Works Committee has requested changes to the City regulations regarding the aesthetics of large stormwater basins. We have prepared draft language to begin the discussion. It is modeled off regulations in Kenosha.

If you have any questions, please contact me.

Sec. 66-904. - Range of required improvements.

The following set of improvements shall be constructed within subdivisions or condominium plats within the corporate limits of the city, to the specifications provided:

(1) *Survey monuments.* The subdivider or condominium developer shall install survey monuments placed in accordance with the requirements of Section 236.15, Wisconsin Statutes, and as the director of planning and development may require.

(2) *Street grading.* After the installation of temporary block corner monuments the subdivider or condominium developer shall grade all streets proposed to be dedicated in accordance with standard specifications approved by the city. The subdivider or condominium developer shall grade the roadbeds in the street rights-of-way to subgrade.

(3) *Street surfacing.* After the installation of all utility and stormwater drainage improvements, including necessary lateral connections, the subdivider or condominium developer shall surface all roadways in streets proposed to be dedicated to the widths prescribed by subsection 66-706. The surfacing shall be done in accordance with standard specifications approved by the city.

(4) *Curb and gutter.* Within one year after the installation of all utility and stormwater drainage improvements including necessary lateral connections, the subdivider or condominium developer shall construct a 30-inch barrier concrete curb and gutter at pavement edges in accordance with standard specifications approved by the city. This requirement may be waived at the discretion of the city in areas designated for permanent rural use as reflected in the city's comprehensive plan. Wherever possible, provisions shall be made at the time of construction for driveway access curb cuts. The breaking or cutting of curbs will only be allowed for driveway aprons.

(5) *Sidewalks and multiuse paths.* Concrete sidewalks shall be a minimum of five feet in width, and shall be required in accordance with the requirements of section 66-712. The construction of all required sidewalks, walkways, and multiuse paths shall be in accordance with standard specifications approved by the city.

Subdividers shall refer to the official map for site-specific standards related to the requirements of this section.

(6) *Public sanitary sewerage systems.* The subdivider or condominium developer shall construct sanitary sewers in such a manner as to make adequate sanitary sewerage service available to each lot within the subdivision or condominium plat. The size, type, depth, minimum grade, and installation of all sanitary sewers proposed to be constructed shall be in accordance with standard specifications approved by the utilities director. The subdivider shall assume the cost of installing all wastewater or sanitary sewers 12 inches in diameter or less in size. Proposed sanitary sewer lines shall extend to the boundary lines of the tract being subdivided unless prevented by topography or other physical conditions or unless, upon consultation with the city contract engineer, such extension is not necessary or desirable for the coordination of the layout of the subdivision or condominium plat or for the advantageous development of the adjacent tracts. The minimum depth at the boundary lines shall be as proscribed by the utilities director. The subdivider or condominium developer shall install and complete the installation of sewer laterals to the street lot line prior to any paving, curbing or sidewalk construction. The subdivider or condominium developer shall assume the cost of installing all sanitary sewers

(7) *Private sewage disposal systems.* If public sewer facilities are not available, the subdivider or condominium developer shall make provision for adequate private sewage disposal systems. If at the time of final platting, sanitary sewer facilities are not available to the subdivision or condominium plat, but will become available within a period of five years from the date of recording, the subdivider or condominium developer shall install or cause to be installed sanitary sewers and sewer laterals to the street lot line in accordance with this section and shall cap all laterals as may be specified by standard specifications approved by the utilities director.

(8) *Stormwater drainage facilities.* Whenever in the opinion of the director of planning and development upon consultation with the city contract engineer there is within reasonable distance a storm sewer main, the subdivision or planned unit development shall be provided with a complete stormwater management system which shall connect with such main. If the subdivision or planned unit development is traversed by any watercourse or channel, stream or creek, either live or dry, the subdivider shall dedicate a right-of-way for storm drainage purposes conforming substantially with the lines of such natural watercourse or channel, stream or creek or, at the developer's option, subject to the approval of the plan commission and the public works committee, provide adequate storm drains or other means for the handling of storm flow from and through his property and including the conveyance thereof. In general, the entire stormwater management systems and the disposal of stormwater shall be planned and built to meet the approval of the director of planning and development upon consultation with the city contract engineer.

Aesthetics shall be taken into consideration in the design of stormwater detention basins. Curvilinear rather than rectangular shaped basins shall be used wherever possible. Exposed rip-rap shall be kept to a minimum. More extensive areas of rip-rap should be covered with a thin layer of topsoil, turf reinforcement, and sod or be covered by water. Fieldstone shall be used for rip-rap wherever possible to provide a more natural appearance. Structures shall be flush with the ground surface whenever possible. Outlet control structures shall be designed to blend into the side slopes of the basin rather than being exposed in the bottom of the basin. A landscaping plan with a minimum of one tree or substantial bush cluster per detention basin side or per 100 feet of the perimeter, whichever provides more plantings, is required. A minimum of 10 feet of level surface between the top of the detention basin slope and adjacent properties is desired.

The subdivider shall, at its own cost, construct curbs and gutters, catch basins and inlets, storm sewers, road ditches and open channel drainageways as may be required by the city. All such facilities are to be of adequate size and grade to hydraulically accommodate maximum potential volumes of flow; the type of facility required, the design criteria and the sizes and grades to be determined, to present no hazard to life or property; and the size, type and installation of all stormwater drains and wastewater or sanitary sewers proposed to be constructed, shall be in accordance with the stormwater management plan and the plans and standards specifications approved by the director of planning and development upon consultation with the city contract engineer. Curb and gutter installation may be delayed pursuant to subsection (4). Where such installations are delayed, the stormwater to be conveyed by the curb and gutter management system shall be maintained by the city at the expense of the developer.

Subdividers shall refer to the official map for site-specific standards related to the requirements of this section.

(9) *Public water supply facilities.* The subdivider or condominium developer shall construct water mains in such a manner as to make adequate water service available to each lot within the subdivision or condominium plat. The subdivider shall assume the cost of installing all water mains 12 inches in diameter or less in size. Proposed water supply lines shall extend to the boundary lines of the tract being subdivided unless prevented by topography or other physical conditions or unless, in the opinion of the utilities director, such extension is not necessary or desirable for the coordination of the layout of the subdivision or condominium plat or for the advantageous development of the adjacent tracts. If public water service is not available, the subdivider or condominium developer shall make provision for adequate private water systems as specified by the city, state, county and/or town. The subdivider or condominium developer shall install and complete the installation of all required water laterals to the street lot line prior to any paving, curbing or sidewalk construction.

(10) *Other utilities.* The subdivider or condominium developer shall cause gas, electrical power, telephone, cable television, and other telecommunications facilities to be installed in such a

manner as to make adequate service available to each lot in the subdivision or condominium plat. No such utility service shall be located on overhead poles. All installations must be underground. Plans indicating the proposed location of all utilities required to serve the plat shall be approved by the city.

(11) *Street lights.* The subdivider shall fund the installation of street lights along all streets proposed to be dedicated of a design compatible with the neighborhood, the type of development proposed, and city maintenance costs, as approved by the utilities director. Such lights shall be placed at each street intersection and at such interior block spacing as may be required by the utilities director.

(12) *Street signs.* The city shall install at the intersection of all streets proposed to be dedicated a street name sign of a design specified by the city. The city shall also install regulatory signs along all streets as necessary. The subdivider or condominium developer shall be responsible for reimbursing the city for all costs associated with the purchase and installation of required street name and regulatory signs.

(13) *Terrace trees.* The developer shall install or pay a fee to fund the installation of terrace trees. The number of required trees shall be determined using the methodology in section 10-2(5) of this Code. If the developer elects to install the required terrace trees, such installation shall be done in accordance with a tree planting plan approved by the public works director or their designee. The tree planting plan shall specify the number, species and location of required trees. If the developer elects to pay a fee to fund the installation of terrace trees, the fee shall be calculated using the methodology in section 10-2(6) of this Code.

(14) *Driveways.* Where driveways are to be provided, a concrete apron from all property lines to the pavement edge of adjacent streets shall be installed and shall otherwise comply with the applicable requirements of the city's municipal code.

(Ord. No. 0-7-09, 6-23-2009; Ord. No. 0-8-2016, 5-24-2016; Ord. No. 0-5-2018, § 2, 2-13-2018)

Public Works Committee
Thursday, September 17, 2020
(Virtual Meeting)

Members Present: Tom Majewski, Sid Boersma, Fred Hundt and Mayor Swadley

Absent/Excused: Lisa Reeves

Staff: Public Works Director Brett Hebert and Vickie Erdahl

Guests:

Call to Order: *Majewski* called the meeting to order at 6:10 PM

1) Communications: *Hebert* reported:

- No large increases were requested in the 2021 Public Works Operating Budget, however, an additional $3,000 increase was requested for tree planting infill since there is no more funds in the EAB account.
- A staff position for an Equipment Operator was requested for the Parks Department

2) Approve August 20, 2020 Meeting Minutes: Motion by Boersma seconded by Hundt to approve the minutes. Motion carried 3-0.

Old Business:

3) Review Rollout of Curbside E-waste Program:

The Public Works Committee approved the program for e-waste to be part of the bulk pick up for the City and will now be discussed at Council. The electronic pick up can occur twice a year in place of a regular monthly bulk pick up and must be called in to schedule.

The program will begin on January 1, 2021 at a charge of $6.00/yr. or .50 cents per resident which will be put on the tax roll.

New Business:

4) Review Council Goals Pertaining to Public Works: Committee reviewed with the goals from the City Council for 2020. Staff will provide responses to various items pertaining to Public Works and Planning. Several items were discussed in greater detail see item #'s 5 & 6.

5) Approve the Director of Public Works or Their Designee to Apply for the DNR Urban Forestry Projects Grant to Purchase Trees to Distribute to Residents to Replace Ash Trees on Their Property that were removed due to the Emerald Ash Borer:

Hundt addressed the committee regarding the grant in which 40 bare root trees will be purchased and placed in a gravel bed. In the fall of 2021 these trees will be given to city residents who have had to remove ash trees on private property to restore canopy coverage.

DRAFT

The funds will be spent from the Tree Commission Donation Fund. Total Cost of the project of $4,144.60 with half of that cost being reimbursed back to the city by the DNR upon completion. The city's share of the project is $2,072.30 with $1,344.60 of that cost being covered by staff and volunteer time. Therefore, the city portion of the project is $727.70. This cost will be borne by the Tree Commission Budget, which currently has in excess of $4,800 in that account.

The grant needs to be submitted by October 1, 2020 to be considered.

Motion by Hundt and seconded by Boersma to move forward with the process and submit the application for the 2021 Grant to the Department of Natural Resources Grant.

Motion carried 4-0 with the Mayor voting yes.

6) **Discuss the creation of a storm water basin design standard:** *Majewski* would like a storm water basin design standard/ordinance developed for the city stating that he would like the shape and esthetics of the basins to be more natural.

Scheel stated that the DNR has standards and design criteria in place that could be reviewed. *Hebert* stated that the committee should also consider and discuss the maintenance after installation.

Committee members will research topography and designs for basins and bring the information to a future meeting.

7) **Discussion on the Minimum Terrace Widths for New Developments**: *Majewski* would like a review of the right-of-way standards and minimum terrace widths. *Scheel* stated that the standards were updated in 2009 and in newer subdivisions the terrace widths are substantially larger along and remember there is a lot of competition for the right-of-way.

A suggestion made was that when designing a new subdivision, terrace widths be determined by what category the road is (i.e. main or collector street) and a width that can support the urban forest.

8) **Discussion Pertaining to the DOT Inspection of the Jefferson St Pedestrian Bridge:** *Hebert* stated that as of September 17, 2020 the bridge had been closed until further notice as the State had deemed the bridge structurally unsafe. The annual inspection report should be received by next week. At that point Strand can develop a design and costs to either remove or repair the bridge. *Hebert* will bring the costs to the committee when available.

The bridge was already in the CIP budget for 2021 to remove or replace. *Mayor Swadley* stated that a federal grant had been applied for, however, we did not receive the grant –

- should we apply again in 2021 and put off making a decision for another year?
- Is the bridge even worth repairing?
- Remove and not replace? *Majewski* stated that the last time this issue was brought up, a lot of people showed up at the public meeting in support of keeping the bridge
- Get data on usage of the bridge and other similar structures
- Look at another type of grant through the DNR

9) **Future Agenda Items:** Storm Water Basins, Pedestrian Bridge and Terrace Widths

DRAFT

10) <u>Adjourn:</u> Motion to adjourn by Majewski, seconded by Hundt to adjourn the meeting at 6:52 pm. Motion carried 3-0. Respectfully submitted by Vickie Erdahl

DRAFT