

## OFFICIAL NOTICE AND AGENDA

Notice is hereby given that the Public Works Committee of the City of Stoughton, Wisconsin will hold a regular Public Works Meeting as indicated on the date, time and location given below.

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Meeting of the: Public Works Committee of the City of Stoughton
Date /Time: Thursday, December 15, 2022 at 6:00 pm
Location: This meeting will be available as Hybrid meeting
Stoughton Public Works Facility, 2439 County Rd A
Virtual Meeting - Join from your computer, tablet or smartphone:
https://meet.goto.com/360079677
Access Code: 360-079-677
United States: 1 (571) 317-3112
Tom Majewski, Jean Ligocki, Fred Hundt, Rachel Venegas, Kay Rashka, Jeffrey Bartzen and
Mayor Tim Swadley
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## Item \# CALL TO ORDER

1. Communications
2. Approve Minutes of the November 17th, 2022 Meeting

## OLD BUSINESS

## Item \# NEW BUSINESS

3. Discuss Public Stormwater Pond Aesthetics Ordinance
4. Discuss the Sidewalk Assessment Policy as it Pertains to Multi-Use Paths
5. Discuss Winter Trash Can Placement in the Winter Months
6. Future Agenda Items
7. Adjourn

## ADJOURNMENT

cc: Council Members, City Leadership Team, City Attorney Matthew P. Dregne, Library Administrative Assistant Sarah Monette, Stoughton HUB stoughtonreporter@wcinet.com, stoughtoneditor@wcinet.com

# Public Works Committee 

Thursday, November 17th, 2022
(Hybrid Meeting)

# Members Present: Tom Majewski, Jean Ligocki, Kay Rashka, Rachel Venegas, Jeff Bartzen and Mayor Swadley 

Absent/Excused: Fred Hundt \& Rodney Scheel
Staff: Public Works Director Brett Hebert

## Guests:

Call to Order: Majewski called the meeting to order at 6:01 PM

## 1) Communications:

- Hebert advised that the street projects have finished for the year and surface restoration will begin in spring.
- Hebert stated that leaf collection is still ongoing and two weeks ago it took two weeks to get through the entire City due the leaves all dropping at once. Crews are in much better shape now and are back on track.

2) Approve September 15th, 2022 Meeting Minutes: Motion by Rashka to approve and seconded by Venegas to approve the minutes. Motion carried 5-0.

## Old Business:

## New Business:

## 3) Review and approve the proposed cost increase for tree procurement and planting for 2023

Hebert presented a letter proposing the increase and advised that he spoke with other nurseries, they are expecting another $5 \%$ increase for 2023 . We were charging about $\$ 300.00$ per tree but with the increase, it would go up to $\$ 325.00$ which includes install costs as well.

Motion by Venegas to approve the increase, seconded by Bartzen. Motion carried 5-0.

## 4) Review and approve the price increase for interments at the Riverside and Wheeler Prairie Cemeteries:

Hebert stated Meitner's provided a cost increase sheet and presented a breakdown of this year's costs vs what will be charged for 2023.

Motion by Venegas to approve the increase, seconded by Rashka. Motion carried 5-0.
5) Review 2023 road construction initial design input as it pertains to sidewalks:

Hebert presented a letter on behalf of Scheel regarding the proposed pulverization project on Felland Street. Hebert then also provided a map of the area that is under consideration showing a gap in the sidewalk on the north side of 1508 Sundt (on the Felland St Side) where there is a retaining wall that would need to be removed and replaced to add sidewalk in this area; which is costly. Discussion also was had that there is indeed a sidewalk on the other side of the street and this area is not a high pedestrian area. The committee had a general consensus that sidewalk should not be incorporated into the construction design in that section of Felland on the north side of 1508 Sundt.

Hebert also stated Jackson St is slated as a pulverization project from USH 51 to Silverado Dr. and asked if the committee would like to consider adding a 10 -foot-wide shared use path as part of this project or not. He did advise that some trees would need to be removed and replaced to accommodate for the path. The committee generally liked the idea of a 10 -foot-wide multi-use path, but wanted more information regarding special assessments when installing a multi-use path.
Hebert stated that he would need to look further into the assessment policy and report back to the group regarding multi-use paths. The group discussed, and the consensus was, to design for a 10 ft -wide path and having the ability to pair it back to the traditional five-foot-wide sidewalk if needed.

Motion by Venegas to not add sidewalk on Felland Street and to include a 10 ft multi-use path in the design on the south side of Jackson St, seconded by Ligocki. Motion carried 5-0.

## 6) Review and approve the tree trimming contract extension for Tree Wise Men for 2023:

Hebert stated that Tree Wise Men have given us the option to extend for 3 more years with keeping the current prices as is and a flat rate. He advised that they have been great to work with over the years and continue to do great work.

Motion by Venegas to approve the increase, seconded by Rashka. Motion carried 5-0.

## 7) Future Agenda Items:

Revisit retention/detention ponds organic in shape
Pedestrian path between Prospect and Forton St
Discuss possible option for more trash receptacles out in the winter for dog waste
8) Adjourn: Motion to adjourn by Ligocki, seconded by Venegas to adjourn the meeting at 6:54 pm. Motion carried 5-0

Respectfully submitted by Jen Wagner 11/18/22


CITY OF STOUGHTON DEPARTMENT OF

RODNEY J. SCHEEL DIRECTOR PLANNING \& DEVELOPMENT
207 S. Forrest Street, Stoughton, WI. 53589
(608) 873-6619 www.ci.stoughton.wi.us

Date:
December 12, 2022
To: Public Works Committee

From: Rodney J. Scheel Director of Planning \& Development

Subject: Public Stormwater Pond Aesthetics
In 2021, the City amended our ordinance to provide additional guidance regarding aesthetics for public stormwater basins. I have attached the materials associated with that action. This year, the City received Preliminary Plat materials for Magnolia Springs located at the south end of Page Street. The developer's designers provided their stormwater management layout along with anticipated contour lines for the development. The Plan Commission determined the proposed stormwater management ponds are not acceptable under the City Ordinance 66-904(8) and recommended that the plat be conditionally approved with this additional condition:

Before the City will sign a Final Plat, the proposed stormwater management basin for Outlot 2 is to be modified to comply with the aesthetic, curvilinear, expectations of City Ord. 66-904(8) to the satisfaction of the City.

The development team made their submittal (with knowledge of our ordinance requirements) and the process allowed for the City to evaluate their proposal through the Plan Commission and ultimately the Common Council.

If you have any questions, please contact me.


## PRELIMNARY PLAT OF <br> MAGNOLIA SPRINGS

PART OF THE SE1/4 OF THE SW1/4 AND THE SW1/4 OF EAST, CITY OF STOUGHTON, DANE COUNTY, WISCONSIN




| C31 | $71.26^{\circ}$ | $16.32^{2}$ | $24^{19} 530^{\circ}$ | $576^{\circ} 5400^{\circ} \mathrm{W}$ | $70.74^{4}$ |
| :--- | :--- | :--- | :--- | :--- | :--- |



SURVEYORS CERTIFCATE



















LOT AREA TABLE


## ORDINANCE OF THE COMMON COUNCIL

|  |  |  |  | Amending Sections 66-904 (8) of the Stoughton Municipal Code |
| :--- | :--- | :--- | :---: | :---: |
| Committee <br> Action: <br> Fiscal Impact: | Public Works Committee recommends approval 4-0 |  |  |  |
| File Number: | O-7-2021 | First Reading: <br> Second Reading: |  |  | | March 9, 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: $3-23-21$
Mayor Approved:323-21
Published: 4-1-21
Attest: 3-23-21



## CITY OF STOUGHTON

 DEPARTMENT OFRODNEY J. SCHEEL DIRECTOR PLANNING \& DEVELOPMENT 207 S. Forrest Street, Stoughton, WI. 53589 (608) 873-6619 www.ci.stoughton.wi.us

Date: $\quad$ 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 $\$ 6.00 / \mathrm{yr}$. 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.

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
10) Adjourn: 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


## CITY OF STOUGHTON

## PUBLIC WORKS DEPARTMENT

2439 County Rd A, Stoughton, WI 53589
(608) 877-8684 Office
(608) 877-8387 Fax

BRETT HEBERT
Director of Public Works
BHebert@ci.stoughton.wi.us

Date: December 12, 2022
To: Public Works Committee

From: Brett Hebert
Director of Public Works
Subject: Multi- Use Paths and Assessments

Currently, the removal and replacement of traditional sidewalks are assessed to the property owner at $50 \%$ of the cost. Traditional sidewalks are typically 5 feet in width or less. As we begin to incorporate more multi-use paths, which are greater than 5 feet in width, the question was asked if we assessed for the installation of multi-use paths. Neither Ordinance 64-5 Sidewalk Replacement and Repair Costs or 64-6 New Sidewalk speak to assessing for multi-use paths.

Of course, it is up to the elected body to interpret the respective ordinances and make a final determination as to if multi-use paths are indeed assessable. With that being said, it is my opinion that multi-use paths would not be assessable. Ordinance 64-5 and 64-6 only speak to sidewalks. Multi-use paths serve a much broader purpose and do not function like a traditional sidewalk. Multi-use paths are designed to carry a multitude of non-motorized pedestrian travel means. Multi-use paths are also designed for two-way traffic.

Respectfully,

Brett Hebert
Director of Public Works

## - Sec. 64-5. - Sidewalk replacement and repair costs.

The city shall pay 50 percent of the cost of repair and/or replacement for sidewalks designated in need of repair or replacement by the department of planning and development, provided the work is contracted by the city. These costs shall include construction administration, restoration, etc. If sidewalks are found to be defective and it is less than five years from the date of issuance of an occupancy permit, the property owner shall be 100 percent responsible for all costs. Repair and replacement of retaining walls and associated railing shall be 100 percent the responsibility of the property owner.

- Sec. 64-6. - New sidewalk.

The city shall pay 50 percent of the cost of new sidewalks ordered installed by the city, provided the work is contracted for by the city. These costs shall include items such as engineering, administration, restoration, etc. The property owner shall be 100 percent responsible for retaining walls less than four feet in height from finished grade of the sidewalk, railings for retaining walls less than four feet in height from the finished grade of the sidewalk, etc. including the associated engineering, administration and restoration. Railings are optional for retaining walls four feet or less in height. The city shall be responsible for 100 percent of the cost of the portion of a retaining wall over four feet in height including a required railing. Retaining walls often can be minimized or eliminated if the property owner grants a grading easement on their property to allow the grade to be modified to an acceptable slope. The city standard retaining wall materials and railing shall be used unless the property owner pays 100 percent of all expenses for any upgrade.

