



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

MULTI-PURPOSE ROOM

Wednesday, February 28, 2018

CITY HALL, 700 EDISON STREET

5:30 PM

Call to Order

Discussion and Action May Occur on Any of the Following Agenda Items:

1. Approval of the Minutes from the January 24, 2018 Meeting
2. Review Quotes solicited by Infrastructure Alternatives for the Replacement of a Variable Frequency Drive for a Back-up Blower for the Aeration System @ the Springbrook Waste Water Treatment Plant
3. 2018 Sidewalk and Driveway Approach Replacement Program
4. Gowan Road Design Update
5. Consideration of a Winter Sidewalk Maintenance Exemption for Residences located along Birch Street Cul-de-Sac

Any Other Matters Authorized by Law to be Considered

Adjournment

Upon reasonable notice, efforts will be made to accommodate disabled individuals through appropriate aids and services. For additional information, contact Jaime Horswill, 700 Edison Street, Antigo, Wisconsin 54409. (715) 623-3633 extension 100. Members of and possibly a quorum of members of other governmental bodies may be in attendance to gather information. Any governmental body other than that specifically referred to above will take no action.

DATE MAILED: February 22, 2018

TOM BAUKNECHT



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: February 28, 2018
Re: Review Quotes solicited by Infrastructure Alternatives for the Replacement of a Variable Frequency Drive for a Back-up Blower for the Aeration System @ the Springbrook Waste Water Treatment Plant

In your packets you will find a letter from Tommy Horswill, Project Manager for Infrastructure Alternatives, summarizing two quotes (3 solicited with only 2 responses) for the replacement of a variable drive frequency drive to replace the failed device serving our back-up blower to the aeration system of the wastewater treatment plant. The quotes received from the firms that responded to the request are also included for your review and consideration.

Because of the need to get this important back-up system into service as soon as possible it is my recommendation to waive the normal bidding process as allowed within the City's Purchasing Policy and to follow Infrastructure Alternatives recommendation for the quote of Crane Engineering in the amount of \$13,984.00 subject to verification of the warranty information that IAI will provide on the night of the meeting. The costs for this project are to be derived from the City's Plant Replacement funds.



**INFRASTRUCTURE
ALTERNATIVES, INC.**

Antigo Public Works

February 28, 2018

The variable frequency drive (VFD) that controls the motor for the backup blower for the aeration system at the Springbrook WWTP has failed. Given its age, replacing the drive is more economical than having it repaired. After reaching out to three or four companies, I have received the following quotes.

1. Popelka Electric has quoted a replacement Allen Bradley with installation for \$16,942.00. This price does not include freight.
2. Crane Engineering has quoted a replacement ABB with installation and freight for \$13,984.00. The quote has the option of an Allen Bradley for an additional \$2,000.00 but there is a five week lead time.

To the best of my knowledge ABB and Allen Bradley are of comparable quality. I would recommend the committee choose the quote from Crane Engineering at \$13,984.00. I am asking the committee to approve funds from plant replacement to cover costs.

Thank you for your time,

Tommy Horswill
Project Manager for Infrastructure Alternatives

(715) 627-2710 (office)
(715) 216-6243 (cell)



707 Ford Street
Kimberly, WI 54136

Phone: 920-733-4425
Fax: 920-733-0211

www.craneengineering.net

To: Tommy Horswill
Springbrook WWTP
N2420 Koszarek Rd
Antigo, WI 54409

Phone: 715-627-2710

Fax: 715-627-2710

E-mail: thorswill@infralt.com

Desc: VFD Drive Install

Quotation #: T_W1124
Customer RFQ #: Verbal
Crane Job #:

Today's Date: 2/2/2018
Quote Expiration 3/4/2018
Date:

Item	Description	Qty	Unit Price	Subtotal
1.00	Install ABB VFD Drive ACS880-01-180A-5+P940, 150HP, 480VAC, IP21-UL Type1, +P940 - Cabinet Mounted Price Includes ABB VFD Drive, HIM Kit, Labor, and Travel If you want to go to the Allen Bradley Powerflex 753 150hp drive add \$2000.00 The Powerflex drive is a 5 week lead time verses 2-3 day lead time on the ABB. Please verify cabinet dimensions..	1 LS		\$13,984.00

Thank you for the opportunity to provide you this proposal. Please do not hesitate to contact me if you have any questions or require any additional information.

Sincerely,

Travis Walker
Fluid Technology Sales
Ph: 920-219-1090
Fax: 920-733-0211
t.walker@craneengineering.net

Terms & Conditions			
Lead Time	1-2 Weeks After Receiving Order	Payment Terms	N15
F.O.B.	Warehouse	Shipping Terms	Prepaid and Added to Invoice

ACCEPTANCE OF QUOTATION (Please Circle Selections)
(In Accordance with Terms and Conditions of Sale as Listed Above)



707 Ford Street
Kimberly, WI 54136

Phone: 920-733-4425
Fax: 920-733-0211

www.craneengineering.net

Signature: _____ Date: _____
Print Name: _____
Customer Purchase Order Number: _____

Popelka's Electric LLC.
1301 Lake Street
White Lake, WI 54491

Proposal

To: Tommy Horswill
From: Jim Popelka
Subject: Furnish new 125 HP variable frequency drive for air pump
Date: February 5, 2018

Dear Tommy,

We propose to furnish & install one of the following.

Option 1

- A-B 20F1AND186AAONNNNN POWERFLEX AIR COOLED 753 AC DRIVE.
- A-B 20-750-2262D-2R POWERFLEX 750 115V AC IO OPTION MODULE.
- A-B 1204-TFB2 REFLECTIVE WAVE TERMINATOR.
- A-B 20 HIM-C6S POWERFLEX 20 IP66-UL NEMA TYPE 4X-12 HIM.

Total cost of option 1 is \$16,942.00 plus freight.

Option 2

- A-B R1336SB125AXENL6/D DRIVE AC 125 HP REPAIR 4-6 WEEK LEAD TIME. 12 MONTH WARRANTY.
- A-B 1204-TFB2 REFLECTIVE WAVE TERMINATOR.

Total cost of option 2 is \$20,163.00 plus freight.

Option 3

- A-B R1336SB125AXENL6/D DRIVE AC 125 HP RUSH REPAIR 1-2 WEEK LEAD TIME. 18 MONTH WARRANTY.
- A-B 1204-TFB2 REFLECTIVE WAVE TERMINATOR.

Total cost of option 3 is \$21,875.00 plus freight.

Notes

- This price is valid for 30 days from the date of this proposal.

Thank you for this opportunity to quote this work.

If you have any questions at all, please do not hesitate to call me at 715-219-2811

Sincerely

Jim Popelka

**City of Antigo Public
Works Department**

Memo

To: Public Works Committee
From: Charley Brinkmeier
Date: February 21 2018
Re: Sidewalk & Driveway Approach Replacement Program

The attached map are the areas where we are planning on the 2018 sidewalk replacement assessment program. These areas do not meet the criteria set by the City's Sidewalk and Inspection Policy. Under the assessment rules the property owner is responsible for 75% of the cost of replacement and the City is responsible for 25%. Some of the sidewalks this year fall within the driveway approach area. Some of the driveway approaches are either gravel or the concrete has deteriorated to such a point that the contractor can not pour the new sidewalk along the approach.

Therefor we are assessing the property owners for the driveway approaches under the driveway approach assessment ordinance.

We are requesting that the Public Works Committee recommends to Council theses address for the 2018 Sidewalk Replacement Program.

Charley Brinkmeier
Project Manager

2018 SIDEWALK AND DRIVEWAY APPROACH PROGRAM LOCATIONS

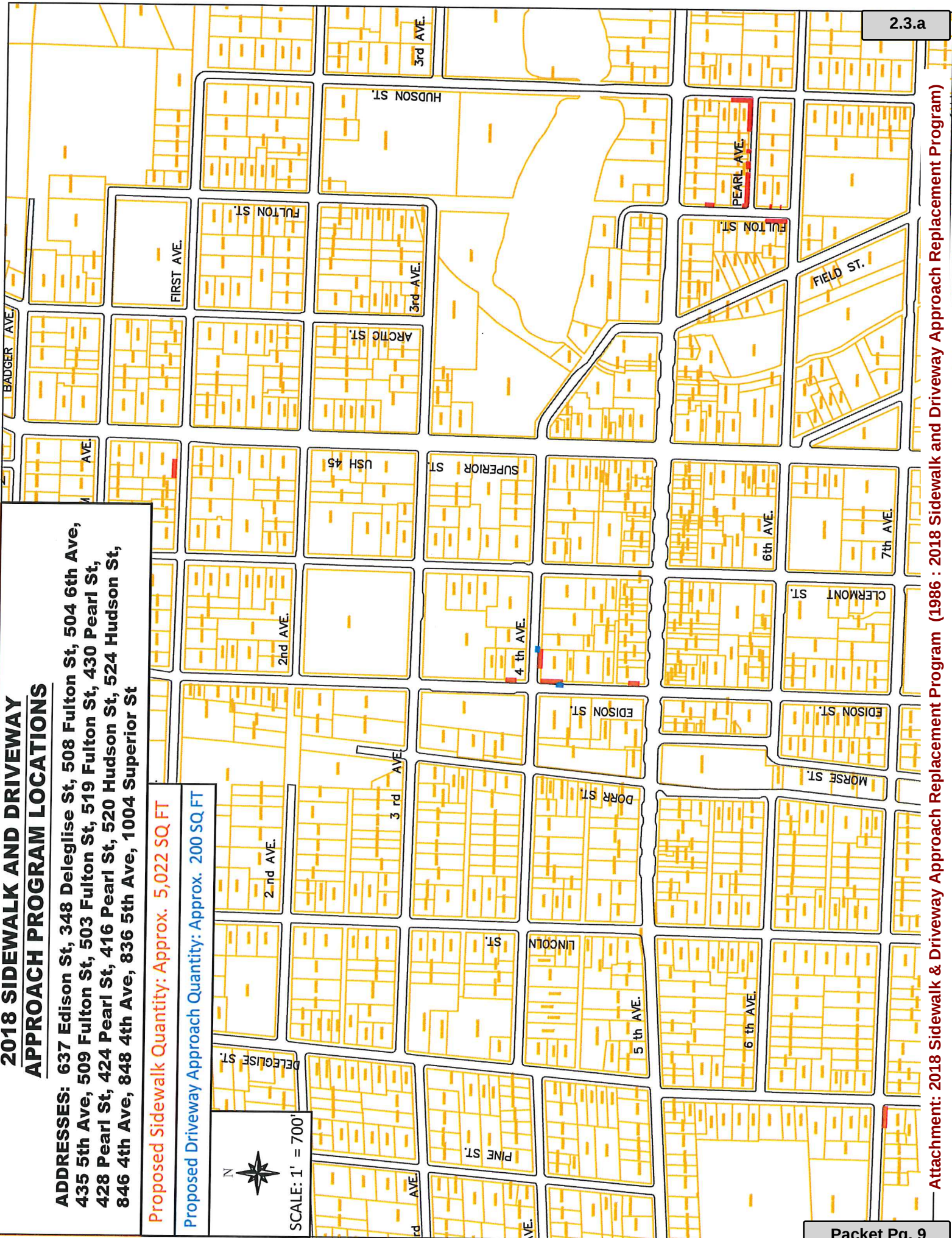
ADDRESSES: 637 Edison St, 348 Deleglise St, 508 Fulton St, 504 6th Ave,
435 5th Ave, 509 Fulton St, 503 Fulton St, 519 Fulton St, 430 Pearl St,
428 Pearl St, 424 Pearl St, 416 Pearl St, 520 Hudson St, 524 Hudson St,
846 4th Ave, 848 4th Ave, 836 5th Ave, 1004 Superior St

Proposed Sidewalk Quantity: Approx. 5,022 SQ FT

Proposed Driveway Approach Quantity: Approx. 200 SQ FT



SCALE: 1" = 700'



2.3.a

Attachment: 2018 Sidewalk & Driveway Approach Replacement Program (1986 : 2018 Sidewalk and Driveway Approach Replacement Program)

City of Antigo Sidewalk Inspection and Repair Policy

Purpose:

-To ensure continued safe passage of pedestrians, within established paved designated Right-of-Ways (sidewalk), through an annual inspection and maintenance program.

Sidewalk Repair Program:

- Program responsibility falls under the City of Antigo Engineering Department.
- Sidewalk inspections and assessments will be conducted throughout the calendar year to establish maintenance or repair priorities for the following year.

Annual Inspections:

- Complaints or areas of concern noted by any member of the public, elected official, or city employee.
- Area (s) adjacent or directly adjoining a complaint area.
- High pedestrian traffic volume areas (i.e. downtown, business districts, major city/community facilities, parks, schools, hospitals.... Etc.
- All sidewalk within Right-of-Way are inspected through a physical inspection and prioritized accordingly.

Sidewalk Inspector Procedures:

1. The Sidewalk Inspector shall mark a white painted circle on each sidewalk section that meets the defected criteria and is put in the replacement program.
2. The Sidewalk Inspector shall record the location of each defect and the area subject to replacement due to said defect.
3. The Sidewalk Inspector, utilizing parcel records, shall determine the owner of the property where each defective sidewalk exist, owner's mailing address, parcel number, and legal description.
4. The Sidewalk Inspector shall send a notification by mail to all property owners with defected area to be repaired.
5. Each notification will include the amount of sidewalk to be replaced and an estimated price on the replacement sidewalk. It will also include a public hearing date in which the replacement of a property owner's sidewalk may be disputed.

Criteria for Defects:

(One or more will be present to constitute condemned sidewalk)

1. Vertically Misaligned Slabs
 - a. A difference of greater than one (1") inch in elevation of adjacent sidewalk slabs.
 - b. A difference of greater than one and one-half (1 ½") inches in elevation of adjacent interior driveway and over one (1") inch in elevation of adjacent driveway approach slabs. Driveway approach repairs shall be done at a minimal pavement disruption.

2. Spalled
 - a. Loose or spalled concrete which has resulted in surface irregularities greater than one-half (1/2") inch in depth relative to the sidewalk surface over more than one-quarter (1/4") inch of the sidewalk slab.
3. Cracked Slabs
 - a. Cracks which have resulted in a difference of elevation of one-half (1/2") inch or greater.
 - b. More than one crack in a slab.
 - c. Longitudinal cracks one-half (1/2") inch or wider
4. Settled Walk
 - a. A settled sidewalk of one and one-half (1 1/2") inches or more over a ten (10) foot span. The depth of settlement will be determined by measuring parallel to the street on adjacent unsettled walk to the lowest point of the settled walk.
 - b. Settled sidewalk will not be considered a problem if there is a drainage out of the settled area.
5. Heaved Walk at Trees
 - a. Walk slabs heaved three-quarters (3/4") inch or more due to tree roots. Walk will be removed, roots cut and removed and walk slabs replaced.
6. One Slab Between Two Defective Slabs
 - a. If one sidewalk slab in good condition is located between one or more slabs to be removed on each side, the good slab will be removed except for condition described in (b).
 - b. This does not apply if good slab abuts other structures such as steps, service walks and carriage walks. Inspection judgment will determine extent of repairs in such areas.
7. Two Slabs with Two to Go on One Side, One or More on Other
 - a. Same as No. 6
 - b. Three remaining slabs in good condition may be removed if moderately defective and between long sections of walk repair on each side.
8. Additional Work Requested by Property Owner
 - a. Any requests will be reviewed by the City of Antigo Engineering Department

ATTACHMENT 4

Driveway Approach Policy

C & G with Sidewalk

All new curb and gutter streets with sidewalk shall have a concrete approach between the new curb and sidewalk. Owner cost/city participation shall be as follows, within the discretion of the Public Works Director.

Existing New Concrete	100%	City	0%	Owner (Excellent Condition)
Existing Concrete	50%	City	50%	Owner
Existing Blacktop	25%	City	75%	Owner
Existing Gravel	0%	City	100%	Owner

Curb & Gutter – No Sidewalk

All new curb and gutter streets without sidewalk, will have concrete or blacktop from new Curb and gutter to property line. Owner cost/city participation shall be as follows, within the Discretion of the Public Works Director.

Existing New Concrete	100%	City	0%	Owner(Excellent Condition)
Existing Concrete	50%	City	50%	Owner
Existing New Blacktop	100%	City	0%	Owner(Excellent Condition)
Existing Blacktop	25%	City	75%	Owner
Existing Gravel	0%	City	100%	Owner

New Driveway Approaches

All new Driveway Approaches with Existing sidewalk will have a concrete approach between the sidewalk and curb and gutter.

All new Driveway Approaches without existing sidewalk will have concrete or blacktop approaches between their lot line and curb and gutter.



To: Mayor and City Council
From: Charley Brinkmeier, Land Surveyor/Project Manager
Date: February 28, 2018
Re: Gowan Road Design Update

During the street design of Gowan Rd it has become apparent that the proposed sidewalk on the West side of Gowan Rd will not fit within the right of way. This is due to the fact that the road alignment and the bridge has been shifted to the west side to help accommodate the sanitary sewer going under Spring Brook. We are planning on widening the road by 2 feet to allow an on street bike ped lane on the roadway. New sidewalk is being planned on the east side of the northern block to complete it to Langlade St.



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: February 28, 2018
Re: Consideration of a Winter Sidewalk Maintenance Exemption for Residences located along Birch Street Cul-de-Sac

In January of 2014 the Public Works Committee exempted the residents located along the Birch Street cul-de-sac (see attached map) from the requirements of Ordinance 34-46 for the remainder of the 2013/14 snow season on a 1-year trial basis. The recommendation was subsequently adopted as Resolution #017-14 by Council in February of 2014. Other locations in the City were exempted via Committee/Council action in January/February of 2012 of which Birch Street had been inadvertently omitted at that time.

As an oversight, this matter was not brought back to the Public Works Committee for the 2014/15 winter season as anticipated and has not presented any problems until a recent inquiry. In speaking with the Street Superintendent, the removal of snow from Birch Street remains a difficult challenge due to its narrow construction and close proximity of the sidewalk to the edge of the pavement.

In fact, in order to expect our operators from repeatedly covering portions of the sidewalk with snow, special equipment (loaders and snow-blowers) would need to be dispatched for most storms. This would be both time consuming and economically damaging to our street budget. With this in mind, it is my recommendation to add the following addresses to the existing exempt list previously authorized by Council in February of 2012 from the requirements defined in Ordinance 34-46 until such time as determined otherwise by the Public Works Committee/Council process:

- 505, 509, 517, 523, 529, 533, 537 Birch Street Cul-de-sac & 510, 514, 518, 522, 526, 534 Birch Street Cul-de-sac along with 120 Wilson Street.



DISCLAIMER: This data is provided by the City of Antigo for informational purposes only. The City does not warrant or guarantee the accuracy or reliability of this data. The recipient of this data assumes any risk of its use for any purpose.

City of Antigo GIS



Print Date: 1/31/2018

ORIGIN: PUBLIC WORKS COMMITTEE

February 12, 2014

RESOLUTION NO. 017-14

WHEREAS, residents living at 509 and 517 Birch Street have requested exemption from Ordinance No. 34-36 requiring the removal of snow and ice from the sidewalks of their property; and

WHEREAS, the Street Commissioner and the Parks, Recreation and Cemetery Supervisor have reviewed the locations and concur that these locations were not included as exempt properties in Ordinance No. 1241B adopted February 8, 2012; and

WHEREAS, the Street Commissioner and Director of Administrative Services have conducted a site review of all residential properties along Birch Street and recommend that all locations be exempt from Ordinance 34-46 for the remainder of the 2013/2014 winter season; and

WHEREAS, the Director of Administrative Services met on-site with the Antigo Postmaster to review the recommendation to exempt the home owners located along Birch Street from the requirement to remove snow and ice as the postal carrier does not utilize the sidewalk for mail delivery and received concurrence from the Postmaster; and

NOW, THEREFORE, BE IT RESOLVED, By the Common Council, City of Antigo, to exempt the landowners along Birch Street listed as follows from the requirements of Ordinance 34-46 for the remainder of the 2013/2014 winter season:

505, 509, 517, 523, 529, 533, 537 Birch Street
510, 514, 518, 522, 526, 534 Birch Street
120 Wilson Street

BE IT FURTHER RESOLVED, that the Street Commissioner, Park, Recreation and Cemetery Supervisor and the Surveyor-Project Manager conduct a review of the Birch Street sidewalk condition, it's role in the overall infrastructure goals for sidewalk connectivity, impacts to mail delivery service and the annual snow/ice removal requirements under Ordinance 34-46 subsequent to the 2013/2014 winter season and bring forward a recommendation to the Public Works Committee for a long term solution prior to the 2014/2015 winter season.

(Committee Approved 4-1)

Attest:

Kate M. Matichesk
Clerk-Treasurer

2/12/14 Approved by Council


Mayor

COPY

Parks Sec 2009
509 517

Attachment: Resolution 017-14 (1954 : Winter Sidewalk Maintenance Exemption along Birch Street Cul-de-Sac)

Sec. 34-46. - Snow and ice.

- (a) *Removal from sidewalks.* Within 48 hours after any fall of snow, sleet, or rain (which causes ice to accumulate), it shall be the duty of the owners and/or the occupants of any lot or parcel of land in the city to remove or cause to be removed the snow, sleet, or ice from any and all sidewalks and the nearest cross-sidewalks adjacent to the premises of such owner or occupant and to keep them free and clear of snow, sleet and ice for the full width of the sidewalk.
- (b) *Failure to remove.* For the failure or neglect of any owner or occupant of any land to remove the snow, sleet, or ice from sidewalks as specified in subsection (a) of this section:
 - (1) If snow or ice is not removed within 48 hours after any fall of snow, sleet, or rain (which causes ice to accumulate), the city without notice shall remove or cause the snow or ice to be removed from any and all sidewalks and cross-sidewalks that may be so neglected, and bill the property owner accordingly.
 - (2) A fee, established by the common council, shall be assessed against the owner or occupant for the cost and expense of moving such snow. The fee will be charged against the respective lots and parcels of land adjacent to which such work shall be done, as a special tax, and such sum shall be collected in the same manner as other special taxes.
- (c) *Prohibited placement.* No person shall deposit or cause to be deposited any snow taken and removed from his premises upon any sidewalk, alley, boulevard, or street in the city, except that snow removed from a sidewalk and driveway approach in the front of or abutting his/her premises may be deposited on the boulevard or, where no boulevard exists, at the curbline. In addition to the forfeiture provided, the city may remove any snow so deposited and cause the cost of removal to be charged to the owner of the property from which the snow was removed.
- (d) *Nuisance.* The deposit of any snow or ice upon any sidewalk, alley or street of the city contrary to this article shall be and is declared to be a nuisance. In addition to the penalty provided for violation of this section, the city may similarly remove any snow or ice so deposited and cause the costs of such removal to be charged to the owner or occupant of the property from which such snow or ice has been removed.
- (e)

Penalties. In addition to the liability of the owner or occupant of lands under subsection (b) of this section, the penalty for violation of this section will be a penalty as provided in section 1-14. A separate offense shall be deemed committed for each day of which a violation of this section occurs or continues.

- (f) Locations/addresses listed on the attachment to Ordinance No. 1148B shall be exempt from the requirements of this section and the owners shall not be required to remove snow and ice from the sidewalks abutting these parcels.

(Code 1999, § 6-2-8; Ord. No. 1041B, § 1, 2-14-2001; Ord. No. 1120B, § 1, 11-10-2004; Ord. No. 1124B, § 1, 4-27-2005; Ord. No. 1125B, §§ 1, 2, 4-27-2005; Ord. No. 1148B, § 1, 1-11-2006; Ord. No. 1180B, § 1, 4-9-2008; Ord. No. 1207B, § 1, 3-10-2010; Ord. No. 1241B, § 1, 2-8-2012; Ord. No. 1255B, § 1, 10-9-2013)

State Law reference— Sidewalks generally, Wis. Stats. §§ 66.0627, 66.0907(5).