



CITY OF ANTIGO

PUBLIC WORKS COMMITTEE MEETING

COVANTAGE CREDIT UNION
723 SIXTH AVENUE

Wednesday, May 22, 2019
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 April 24, 2019 Meeting
2. Approval of the Most Advantageous Bid for the 2019 Sidewalk Replacement Program
3. Formation of a Project Information/Implementation Staff Team Designed to Adequately Inform the Public Relative to the 2019 Sanitary Sewer Smoke Testing Program Study Area (Essentially Extending from 4th to 10th Ave & Lincoln to Aurora St.)
4. Presentation of Design Parameters for the 5th Avenue Reconstruction Project (Superior to Lincoln Streets) Including Staff Recommended Lane and Parking Configurations - Information Only

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: May 17, 2019

TOM BAUKNECHT



To: Mayor and City Council
From: Charley Brinkmeier, Land Surveyor/Project Manager
Date: May 22, 2019
Re: Approval of the Most Advantageous Bid for the 2019 Sidewalk Replacement Program

We had 2 bidders for the 2019 sidewalk replacement program this year. Their bids are as follows:

Rock Hard Concrete - \$6.40 per square foot

PSI Concrete - \$8.00 per square foot.

Rock Hard is a local company that has been in business for a couple of years now. I would need a motion to approve Rock Hard's bid for this year's replacement program.

Attachment: BID SHEET FOR SIDEWALK 2019 (2794 : Sidewalk bid)



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: May 22, 2019
Re: Formation of a Project Information/Implementation Staff Team Designed to Adequately Inform the Public Relative to the 2019 Sanitary Sewer Smoke Testing Program Study Area (Essentially Extending from 4th to 10th Ave & Lincoln to Aurora St.)

Based on the concerns raised at the April Public Works meeting regarding the desire to adequately inform residents within the proposed 2019 smoke testing efforts (designed to identify sanitary sewer infiltration & inflow) I am recommending the formation of an employee team to adequately address the topic. I have engaged the following staff to become part of this panel:

- Mark Desotell
- Charley Brinkmeier & Beth McCarthy
- Kirk Packard + 2 staff members to be determined
- Jon Petroskey + 1 staff member to be determined
- Police Department representative as needed
- Taryn Nall of MSA as a Consultant Advisor
- Additional participants to be included as necessary

You were sent an e-mail on April 25th providing preliminary information regarding this 2019 effort. Please take the necessary time to familiarize yourself with those materials as they will likely become part of our ongoing discussions.

It is my goal to provide the Public Works Committee with periodic updates regarding the progress of the assigned “smoke testing” employee team and to keep an agenda item available for discussion at each of the May, June & July meetings. This approach will allow you to remain informed and provide staff the opportunity to address any specific questions that you might have.

Drafts of a notice letter to residents/business owners along with a sample door hanger are attached for discussion at this meeting. As always, please feel free to contact me in advance of the May Public Works Committee meeting with any of your comments, suggestions or questions.



Mark A. Desotell, P.E.
 Director of Administrative Services
 (715) 623-3633 Ext. 155

Date:

Re: City of Antigo Smoke Testing of the Sanitary Sewer Collection System

Dear Resident:

During rain storms and periods of high groundwater conditions, the City of Antigo experiences increased volumes of flow into the sanitary sewer system. These increased flows of clear-water into the system eventually contribute to higher operating costs such as the increased sizing of mainline sewers and the final treatment costs at the wastewater plant. The high flows are primarily due to the infiltration and inflow (I & I) of surface water and ground water into the sewer system. Given the problems experienced with inflow & infiltration it is extremely important to take steps to eliminate clear-water that does not belong in the sanitary sewer system.

A Smoke Testing project will be conducted on the City of Antigo Wastewater Collection System within the identified study area to detect sources of inflow and infiltration. A prioritized list identifying the most cost-effective and potentially largest contributors to infiltration and inflow will be developed by the City's consultant. The purpose of the Smoke Testing Program is to identify and correct defects before they become major failures; address capacity issues (with main line and interceptor sewers) to handle existing and future growth; to reduce treatment costs at the City's wastewater treatment plant and to reduce infiltration and inflow to help alleviate future sewer overflow events.

The smoke testing program is scheduled to take place within the identified study area during the week of _____. We plan to test on _____ through _____. In case of inclement weather, the smoke testing process will resume the following day or days, whichever is necessary, until completed.

Each section of the sanitary sewer collection system will be examined for sources of clear water entry into the system. During the smoke testing process, smoke will be blown throughout the entire system within the study area via manhole structures. As the forced smoke travels through the system it will appear from such areas as roof drains, catch basins, and vent stacks connected to the system. In addition, smoke

may appear from cracks in the pavement above the sewer system, from turf areas, or around homes which have foundation drains connected to the system. Smoke may also appear in basements by means of: unused floor drains, disconnected plumbing fixtures, faulty plumbing fixtures, or any direct open connection to the sanitary service lateral. In an effort to reduce these possibilities, please take the following precautions:

- Pour a small bucket of water down all floor drains (typically found in your homes basement and in utility rooms of buildings built on a concrete slab, sinks, or other seldom used and unused plumbing fixtures
- Check for and fill all other plumbing traps with water to avoid the entry of smoke into the structure

Be advised that the smoke utilized in the testing process is a non-staining, non-toxic material and will dissipate rapidly, leaving no residual odor. Any and all smoke that may enter your structure will dissipate at a more rapid rate if a window or door is opened. Be advised that any person or persons, who suffer from heart and/or lung diseases, such as emphysema, should vacate the structure prior to the testing process. In addition all housebound persons and those who anticipate to be sleeping during the testing (i.e. shift workers) should make special arrangements for the anticipated testing days. Any confined pets should be moved from the premises if there is any possibility or likelihood of direct exposure to the smoke during the testing process. It takes only a short amount of time to test an average City block area. It is not necessary for anyone to be home during the testing process or testing period.

If for any reason, smoke should appear in your building during the testing process, please contact a member of the survey team that will be working in the area or call City Hall at 715-623-3633 for additional assistance.

The materials to be used in this smoke testing process have been analyzed by a team of experts in the fields of Industrial Hygiene, Toxicology, and Medicine. Their mutual report has concluded: "none of the smokes (tested) appear capable of causing even minor injury to people who may be exposed during controlled use."

Your understanding and cooperation during this testing process will be most appreciated. If you have any questions, please feel free to contact our Public Works staff at City Hall by dialing 715-623-3633 (Extension 154).

Sincerely,

Mark A. Desotell, P.E., Director of Administrative Services

City of Antigo Smoke Testing of the Sanitary Sewer System

1) **Why are you doing the smoke testing?**

We are trying to identify the leaks in or the improper connections to the sanitary sewer system which can overload the sewer pipes and the treatment plant during wet weather events. Smoke testing also can identify faulty or unused plumbing sections in your home or building that could lead to larger problems for the owner..

2) **Will the smoke enter my house or building?**

If everything is functioning properly with your plumbing there should be no pathway for the smoke to enter your house or building; and the smoke should simply exit through your roof vent. The best way to ensure that smoke does not enter your house or building is to pour a small bucket of water down any basement floor drains and any other seldom used plumbing fixtures prior to the smoke testing.

3) **If smoke enters my house what color is it; how soon will it dissipate?**

The smoke is white to light gray and will dissipate in 15- 20 minutes unless there are no open windows or doors; in which case it could take a couple of hours.

4) **If I am in my home or building and smoke enters what affect will the smoke have on me?**

If you breathe it in, you may experience a temporary sore throat and/or a burning sensation in the nose or lungs. The sore throat should go away in less than a half a day. Testing has indicated this smoke is non-toxic and will not cause any long lasting health effects but is best for you to exit the house or building if smoke enters.

5) **What affect will the smoke have on pets?**

Pets may react similarly as humans to the smoke. Smaller pets may experience more serious effects if exposed to the smoke for longer durations. If possible, move your pets to another location for the testing period or arrange to have someone there to let them out if smoke enters your house. At a minimum, try to leave windows open if you cannot make other arrangements.

6) **How will I know who the survey team members are?**

They will wearing lime green or orange safety vests and carrying photo identification.

PLEASE CONTACT THE CITY HALL OFFICE AT (715) 623-3633 IF YOU HAVE SPECIAL NEEDS WE SHOULD BE AWARE OF (Including people who are ambulatory or utilize respirators and etc.)

NOTICE

Smoke Testing Sewers

The City of Peshtigo will be conducting smoke tests of sanitary sewers in your area on:

Insert Dates of Testing Here

The smoke testing program will assist us in locating defects and sources of infiltration and inflow in the sewer system. During the smoke testing process, smoke will be blown throughout the sanitary sewer system in the study area from sanitary manholes. You may see smoke coming from vent stacks on buildings or from holes in the ground. Don't be alarmed. The smoke is non-staining/non-toxic and does not create a fire hazard, and will dissipate in a few minutes.

Smoke may also appear in basements by means of unused floor drains, disconnected plumbing fixtures, faulty plumbing fixtures or any direct connection to your sanitary service lateral. In an effort to reduce these possibilities, please pour water into your basement floor drains, any unused sinks or toilets and other seldom used or unused plumbing fixtures and traps. This should seal the drain traps to avoid the entry of smoke into your home or building.

If smoke should enter your home or building during the smoke testing program, please note the location of the smoke and try to immediately inform one of our inspectors (who will be canvassing the area) or call the number at the bottom of this card to arrange a timely inspection. Any and all smoke that may enter your building will dissipate at a more rapid rate if windows and/or doors are opened.

Please notify us before we conduct the test if you have any of the following situations:

- A person who will be housebound and incapable of leaving the home during the test if smoke is encountered
- Any individuals with respiratory problems who will be in the home or building
- Elderly persons who are alone and might be alarmed/confused by the smoke
- Dogs, cats, birds or pets that will be confined in your home during the tests

If you have any of these situations, or have questions regarding the smoke testing program, call:

Mark A. Desotell, Director of Administrative Services
City of Antigo
(715) 623-3633

DRAFT

DRAFT

NOTICE

Smoke Testing of Sanitary Sewers

The City of Antigo will be conducting smoke tests of sanitary sewers in your area on:

Insert Dates

The smoke testing program will assist us in locating defects and sources of infiltration and inflow (I & I) in the sanitary sewer system. During the smoke testing process, smoke will be blown through the sanitary sewer system from sanitary manholes. You may see smoke coming from vent stacks on buildings or from holes in the ground. Don't Be Alarmed. The smoke is non-staining, non-toxic, does not create a fire hazard and will dissipate in a few minutes.

Smoke may also appear in basements by means of unused floor drains, disconnected plumbing fixtures, faulty plumbing fixtures or any direct connection to the service lateral. In an effort to reduce these possibilities, please pour water into seldom used and unused plumbing fixtures and traps. This should seal the drain traps to avoid the entry of smoke into your building.

If smoke should enter your building during the smoke testing program, please note the location of the smoke and try to immediately inform one of our inspectors who will be canvassing the area or call the number at the bottom of this card to arrange a timely inspection. Any and all smoke that may enter your building will dissipate at a more rapid rate if windows and/or doors are opened.

Please notify us before we conduct the test if you have any of the following situations:

- Dogs, cats, birds or pets that may be confined within your home or building.
- A person who will be alone and is not capable of helping themselves during the test.
- Any individuals with respiratory problems who will be in the home or building.
- Elderly persons who will be alone and might be alarmed or confused when they see smoke.
- A person who likely be home alone sleeping during this daytime test (8 am to 5 pm)

If you have any of these situations, or have questions regarding the smoke testing program, call:

Insert Name of person

City of Antigo
715.623.3633
Extension 155



City of Antigo

700 Edison Street

Office: 715-623-

Packet Pg. 11



To: Mayor and City Council
From: Mark Desotell, Director of Administrative Services
Date: May 22, 2019
Re: Presentation of Design Parameters for the 5th Avenue Reconstruction Project
 (Superior to Lincoln Streets) Including Staff Recommended Lane and Parking
 Configurations - Information Only

Staff along with representatives from MSA Professionals as the project design consultant will lead a discussion identifying project design characteristics including recommended lane and parking configurations. Project funding mechanisms will also be highlighted along with the anticipated project schedule. Power Point Presentations, drawings and displays will be incorporated into the evening's presentations and participants will be encouraged to participate in a question/answer session as part of the event.

Downtown business owners will be the intended audience for the evening but as an open public meeting we should anticipate participation from the general public as well. The regular Public Works meeting for May is scheduled for a 5:30 p.m. start in the basement conference room of CoVantage Credit Union (Please utilize their east parking lot entrance off of 6th Avenue). The 5th Avenue presentation is anticipated to begin at 5:45 p.m. allowing most Downtown business owners to close shop and join the event. You should anticipate the meeting to last until at least 7:00 p.m. in order to accommodate the Q&A session.

As always, please feel free to contact me in advance with your questions.

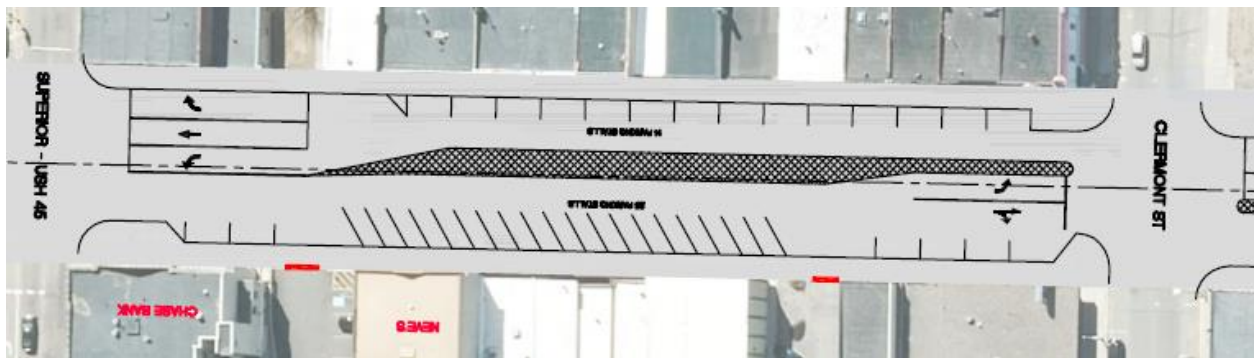
Mark

CITY OF ANTIGO PRESENTATION **5TH AVENUE DESIGN PARAMTERS**

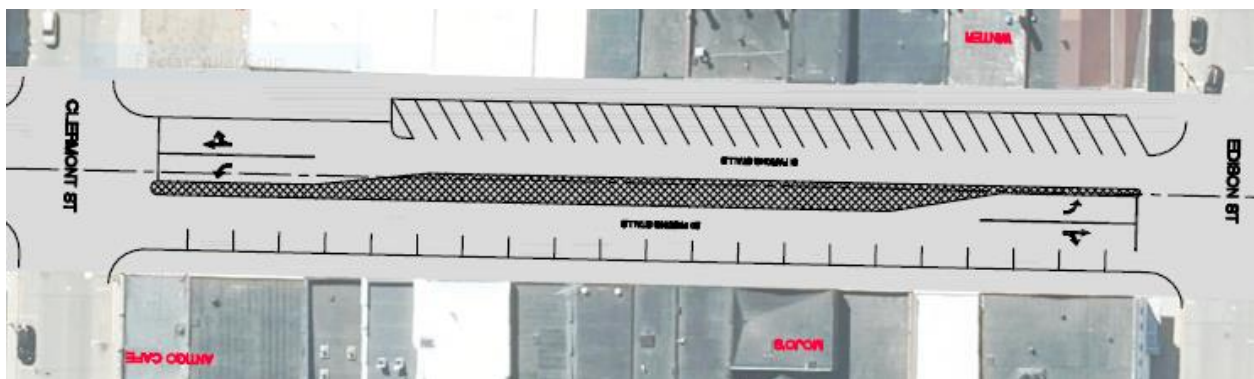
**MAY 22, 2019 @ 5:45 P.M. TO BE HELD IN THE
BASEMENT CONFERENCE ROOM OF
CoVANTAGE CREDIT UNION**

(PLEASE UTILIZE EAST PARKING LOT ENTRANCE)

**PROPOSED 2020 RECONSTRUCTION OF
5TH AVENUE (SUPERIOR TO LINCOLN STREETS)**



PROPOSED AERIAL VIEW OF 700 BLOCK



PROPOSED AERIAL VIEW OF 800 BLOCK

**PRESENTATION TO INCLUDE POWER POINT
PRESENTATIONS, COMMENT BOARDS AND Q & A SESSIONS**