

CITY OF ANTIGO
PUBLIC WORKS COMMITTEE
MINUTES OF MEETING HELD
JANUARY 23, 2019

Public Works Committee of the City of Antigo met in Regular Meeting on the above date at 5:30 PM in the Multi-Purpose Room, City Hall, Ward 4 Tom Bauknecht presiding.

Attendee Name	Title	Status	Arrived
Tom Bauknecht	Ward 4	Present	
Rick LeBrun	Ward 6	Absent	
Barb Rebstock	Ward 1	Present	
Sandra Fischer	Ward 2	Present	
Scott Henricks	Ward 9	Present	

Others in attendance: Mark Desotell, Director of Administrative Services; Kirk Packard, Street Commissioner; Tommy Horswill, Infrastructure Alternatives; Scott Martin, MSA Professional Services; Kaye Matucheski, Clerk-Treasurer/Finance Director; and Jaime Horswill, Lead Office Assistant.

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

1. Approval of the Minutes from the November 28, 2018 Meeting

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Scott Henricks, Ward 9
SECONDER:	Barb Rebstock, Ward 1
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

2. Approval to Purchase Tandem Truck for Street Department

Kirk Packard, Street Commissioner, provided a memo requesting permission to purchase a tandem truck from money already in the 2019 CIP budget.

Mr. Packard advised that originally he was going to purchase a swap loader and now he intends on purchasing a dump truck.

Upon inquiry by Alderperson Bauknecht, Mark Desotell, Director of Administrative Services, advised that a tandem truck is a straight duty dump truck.

Mr. Packard will come back to the committee with quotes once received.

INFORMATION ONLY

RESULT:	INFORMATION ONLY
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3. Purchase of Grapple Bucket for Street Department

Mr. Packard provided a memo requesting permission to get quotes and purchase a new grapple bucket from money already in the 2019 CIP budget.

Upon inquiry by Alderperson Fischer, Mr. Packard advised a grapple bucket is an attachment for the front of a skid steer that allows for pickup of logs and has the ability to move things. The grapple bucket he is looking at will fit on a skid steer as well as the loaders.

Mr. Packard will come back to the committee with quotes once received.

INFORMATION ONLY

RESULT:	INFORMATION ONLY
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4. Approval of Booster Pump Additional Labor and Material Costs for Water Plant

Tommy Horswill, Infrastructure Alternatives, provided a memo advising that in the 2018 CIP budget under WTI-31, there was \$6,500 available for rebuilding of one of the booster pumps at the Water Treatment Plant. The boosters are pumps that transfer water from the storage tank at the water plant to both elevated water towers. At the November Public Works meeting, the committee accepted a quote from Crane Engineering for \$6,128 in order to replace one of the aging motors. The installation crew from Crane Engineering ran into trouble attempting to move the heavy motor down the steps into the booster pump room. In order to safely lower the motor down, a wooden platform was built in which the motor was moved onto and lowered to the floor with the gantry. The additional labor and cost of materials has increased the cost of the project to \$7,123.65. Mr. Horswill is requesting approval of the additional funding to cover the cost of the overage.

Mr. Desotell advised that within the 2018 budget, \$6,500 was budgeted for this item. The total cost came in over budget, therefore the additional funds will need to be requested from the Finance, Personnel and Legislative Committee from the Plant Replacement Fund.

Mr. Desotell noted that Mr. Horswill authorized a coupler replacement at the time of replacement. Mr. Horswill noted that Crane Engineering asked if a coupler replacement was needed before the quote was submitted and Mr. Horswill indicated that it would need to be replaced. He is unsure why this was not included in the original quote.

Alderperson Bauknecht commented that the platform was necessary to get the motor in place without breaking it and without hurting employees.

Mr. Desotell has instructed Mr. Horswill to work with Crane Engineering to see if they can credit the project for some of the costs as they should have known what would have been needed when looking at the project.

Motion to approve the additional cost of \$995.65 for the booster pump additional labor and material costs for the water plant for Crane Engineering.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 3/13/2019 6:00 PM
MOVER:	Scott Henricks, Ward 9
SECONDER:	Barb Rebstock, Ward 1
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

5. Consideration of a Service Agreement with MSA Professionals for the Design of various Storm Sewer System Improvements to the Industrial Park's Existing Storm Water Outlet (located along the West Side of the Bridge/Saratoga Street Intersection) traveling south to the Remington Detention Pond Area

Mr. Desotell provided a memo advising that the Professional Service Agreement being proposed for the design (and future construction depending on identification of funding sources) is a long-form document consisting of 50 plus pages. The document is being reviewed by staff and Attorney Winter's office to assure its content is in the best interest of the City. It is Mr. Desotell's recommendation to advance the design portion of the proposed agreement at this time and to address the construction services aspect of the proposal at a future meeting once funding and the project scope are more precisely identified. The flooding conditions require attention and it is the hope that a partial funding source will be identified. Staff is currently scheduling a meeting with MSA Professional Services and a potential funding source/agency at

this time. Other potential funding sources include TIF funds, borrowing/bonding, the storm sewer enterprise account and potentially some street improvement funding.

Mr. Desotell's memo concluded by noting an amount of \$75,000 was placed into the 2019 budget for design efforts to advance this effort and the committee is being asked to authorize \$64,500 based on the following information from MSA's proposal:

Preliminary Design Phase	\$35,000
Final Design Phase	\$28,200
Bidding and Negotiating Phase	<u>\$ 1,300</u>
	\$64,500

Scott Martin, MSA Professional Services, commented that this storm sewer is the first part to address the overall solution. This pipe is more like an equalization pipe to give the flood waters an exit so it will not sit stagnant for weeks like it has in the past. The area will still flood, but it will now have an outlet. Over time, detention can be built as the area develops. This is the first step which achieves an acute problem.

Mr. Desotell commented the City is trying to focus on the economics on what can be delivered. He believes this will help dissipate the water trapped in the storm sewer before it rains. The storm sewer pipe is submerged under the ground water at all times. The storm sewer will drain into the Remington Detention Pond.

Motion to approve entering into a Service Agreement with MSA Professional Services in the amount of \$64,500 for the design of various storm sewer system improvements to the Industrial Park's existing storm water outlet traveling south to the Remington Detention Pond area utilizing budgeted funds.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Barb Rebstock, Ward 1
SECONDER:	Scott Henricks, Ward 9
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

6. Proposed Service Agreement with MSA Professionals for the Submission of a \$1,000,000 CDBG Public Facilities Grant Application for a 5th Avenue Reconstruction Project from Highway 45 to Lincoln Avenue with the Potential Project Limit Extension for Resurfacing to Western Avenue depending on Available Funding

Ms. Desotell provided a memo advising that the Community Development Block Grant (CDBG) Public Facilities Grant Application has been revised to allow for requests of up to \$1,000,000 (formerly \$500,00 maximum) for a 50/50 cost share for roadway projects. While the reconstruction of Fifth Avenue will easily exceed this amount, receiving this grant would go a long ways towards allowing this long awaited project to advance. Other sources of funding to be considered will include TIF, utility enterprise balances, Street Improvement CIP budgets, STP Urban and TAP grants as examples. The first step in advancing this project comes in the form of the CDBG Public Facilities Grant Application due this spring. MSA Professional Services have been very successful in acquiring this type of funding for their clients and it is Mr. Desotell's recommendation to enter into a Professional Services Agreement allowing them to proceed.

Mr. Desotell's memo concluded by noting that due to the limited funding available it is his recommendation to concentrate on the portion of Fifth Avenue from Highway 45 west to Lincoln

Street for reconstruction eliminating the costly portion of the Highway 45 intersection at this time. It is Mr. Desotell's belief that it is better to try to coordinate this with a future Wisconsin Department of Transportation project when appropriate. If funding is available, it would be his recommendation to add the resurfacing of Fifth Avenue from Lincoln Street to Western Avenue including any required infrastructure improvements between Lincoln and Elm Streets.

The lump sum fee for the work to be provided from MSA Professionals is \$10,000.

Mr. Desotell advised that this is the program the City utilizes every two years. The projects on Gowan Road and Field Street are utilizing a \$500,000 CDBG Public Facilities Grant.

Mr. Desotell noted that typically the grant is for \$500,000 and starting with the next cycle, the grant has been raised to \$1,000,000 and lessened the amount of match money required.

Mr. Martin commented that you could get 50% of a match previously, which was \$500,000 locally and a \$500,000 grant, this time the City is looking at \$500,000 locally and \$1,000,000 grant. It is a one-third match, not half.

Mr. Desotell noted that with this opportunity he is looking at accelerating the process of Fifth Avenue. Originally the scope was from Field Street to Lincoln Street. This concept would be from the west side of Superior Street west to Lincoln Street with the potential of resurfacing from Lincoln Street to Western Avenue. It is unlikely that the resurfacing will be able to be included, however, you cannot change a project scope once it is submitted.

Upon inquiry by Mr. Desotell, Kaye Matucheski, Clerk-Treasurer/Finance Director, indicated that there will be enough TIF funds available for the local match.

Mr. Desotell indicated that the CDBG grant funds are typically awarded to shovel ready projects. Therefore, specialized funding is difficult to include in this grant submission.

Upon inquiry by Alderperson Rebstock, Mr. Desotell indicated that the City would be applying for the grant in May 2019, with expected construction in 2020. Construction would need to be completed in 2021. This would accelerate very quickly. Other funding sources may be able to be applied for, for the resurfacing from Lincoln Street to Western Avenue.

Mr. Martin commented that the reason for the larger grant is staff has been overwhelmed and they want to award fewer projects. They have reduced the number of projects from thirty to fifteen. This means that the amount of grant awards will be cut in half. This is not a guaranteed grant.

Mr. Martin commented that this is a good project and will compete well.

Mr. Desotell indicated that these funds have not been budgeted. He is recommending that funding be taken from the Conservation and Development 100-560-56710-52280. Typically this fund is used for economic development activities, which this project would fit within. This may mean borrowing funds for completion to which Ms. Matucheski indicated that the City does have the debt capacity at this time.

Motion to approve the Service Agreement with MSA Professionals in the amount of \$10,000 for the submission of a \$1,000,000 CDBG Public Facilities Grant Application for a Fifth Avenue reconstruction project from Highway 45 to Lincoln Street with the potential project limit extension for resurfacing to Western Avenue depending on available funding with funding derived from Conservation and Development 100-560-56710-52280 as presented.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Scott Henricks, Ward 9
SECONDER:	Barb Rebstock, Ward 1
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

7. Consider a Service Agreement Amendment with MSA Professionals for the Combined Year 3 & 4 WPDES Phosphorus Compliance Alternative Plan Requirements for the Wastewater Treatment Plant

Mr. Desotell provided a memo advising that the Department of Natural Resources (WDNR) through their Wisconsin Pollutant Discharge Elimination System (WPDES) permit process set a series of annual milestone criteria for municipalities with wastewater treatment plants. Those milestone dates/directives were as follows:

1/1/16	Submit an Operational Evaluation Report
1/1/17	Submit a Compliance, Alternatives, Source Reduction, Improvements and Modification Status Report
1/1/18	Submit a Preliminary Compliance Alternatives Plan
1/1/19	Submit a Final Compliance Alternatives Plan
1/1/20	Submit a Progress Report on Plans and Specifications
1/1/21	Submit Final Construction Plans and Specifications
3/3/21	Initiate Construction of any Plant Upgrades
1/1/22	Construction Upgrade Progress Report #1
1/1/23	Construction to be Completed
12/31/23	Achieve Compliance based on Final Phosphorus WQBEL's

The amendment to the original Professional Services Agreement represents an overall savings from the projected costs to deliver consulting services in order to achieve compliance under the WDNR milestone submittal dates. This has been accomplished by a successful testing of the introduction of additional Alum (by mechanical means) during a pilot test at the Wastewater Treatment Plant. Those tests have provided the means for devising a plan for the eventual design and construction of multiple automatic chemical feeding locations of Alum into the effluent stream. It is anticipated that such costs will require future investments of +/- \$300,000 for plant upgrades plus an estimated \$30,000 annually in additional chemical treatment to achieve final compliance.

Mr. Desotell and Mr. Martin noted that the WDNR still has not set its Total Maximum Daily Load (TMDL) requirements for the Wisconsin River Watershed. It is anticipated that improvements can be made to the plant instead of a major plant upgrade.

Mr. Desotell noted that \$20,000 was budgeted in 2018 for this purpose. MSA Professional Services was able to deliver this for \$17,500. There became some overlap because of the requirements not being set so \$20,000 was budgeted again in 2019. MSA Professional Services is hopeful they will be able to deliver the 2019 compliance for \$5,600.

Mr. Martin commented that the phosphorus levels are going to be significantly lower. The City is in the fourth year of taking appropriate steps to lower the limit of the discharge of phosphorus required by the WDNR permit.

Motion to approve a Service Agreement Amendment with MSA Professional Services for \$5,600 for the combined year three and four WPDES Phosphorus Compliance Alternative Plan Requirements for the Wastewater Treatment Plant utilizing budgeted funds.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Tom Bauknecht, Ward 4
SECONDER:	Sandra Fischer, Ward 2
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

8. Summary of Final Compliance Report as Submitted by MSA Professionals under the City's Wastewater Treatment Plant WPDES Permit Regarding Phosphorus Loading - INFORMATION ONLY

Mr. Desotell provided a memo advising that the Final Compliance Alternatives Plan (due 1/1/19) has been submitted through MSA Professionals to the Wisconsin Department of Natural Resources (WDNR) and is currently under review. The following is a summary of the report's conclusions/recommendations:

Compliance can be achieved by modifying the existing plant operations

\$280,000 to update the current chemical (Alum) feed system

Requires the burying of 4 new chemical feed lines

(2 duty + 1 spare) to the aeration basins

4th line to the effluent channel of the final clarifiers (potentially achieves further phosphorus reductions)

Purchase of two continuous orthophosphate analyzers

Results in projected \$30,000 additional operational costs per year

\$25,000/year in additional chemicals (Alum)

\$3,000/year in additional sludge removal

\$2,000/year in added labor costs

Final Design plans and Specifications (PS&E) is due by 1/1/2021

Requested an estimate of design costs from MSA for 2020 budget

Initiate Construction by 3/31/2021 and complete construction by 1/1/2023 (should not take long to complete)

Achieve phosphorus compliance by 12/31/2023

The project is estimated to add \$0.13 per month to the average residential sewer rate. The success of this recommendation is a result of pilot testing with additional manual Alum applications completed by MSA Professional Services and Infrastructure Alternatives during 2018.

Mr. Desotell indicated that the projected cost of \$280,000 is a far cry from what was first envisioned with a \$2,000,000 plant upgrade. This is all good news, however there is an extra investment in the Wastewater Treatment Plant.

Mr. Desotell explained that the orthophosphate analyzer will let the plant know if the alum needs to be adjusted so that large amounts are not being unnecessarily added.

Alderperson Bauknecht noted that this is a nation wide initiative.

Mr. Desotell indicated that not all plants will be addressing the problem in the same way.

Mr. Martin explained that for many of the types of treatments, the limits that are going to be set are not technically feasible yet. One of the options available is a multi-discharge variance, which is payment to discharge phosphorus until technology is available to reach the limits. The limits are a quantum step change. The typical treatment is at a 0.1 and the City is currently at 0.375, which can be met.

Mr. Desotell indicated that construction is to be completed by January 2023 and the City should have this completed ahead of time as the project is not large or an extension on the start of construction could be requested.

INFORMATION ONLY

RESULT:	PLACED ON FILE-NO VOTE
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9. WisDOT's as Read 8th Avenue Bridge Replacement Bid Results and Potential Impacts to the State Municipal Agreement in regards to Project Funding

Mr. Desotell provided a memo noting the as-read bids for the removal and reconstruction of the Eighth Avenue bridge over Springbrook were opened by Wisconsin Department of Transportation (DOT) on January 14, 2019. The apparent low bid is considerably over the approved State Municipal Agreement with the City and will need further scrutiny. The bridge designer, Ayres Associates, will be working to solicit the additional funding that is necessary to accomplish the project based on an 80% Federal and 20% local basis. The results were as follows:

Pheifer Brothers Construction	\$665,884.06
Contractors Inc. Lunda Construction	\$678,128.00
Janke General Contractors, Inc.	\$761,589.83

The DOT requested a response from the City by January 17, 2019 and they were provided initial justification for the City's request for additional funding. However, the City and the DOT are in disagreement regarding the extent to which the DOT will recommend the 80/20 match for all costs over and above the initial State Municipal Agreement (DOT wishes to apply the 80% only to the amount over the engineer's estimate). Because of this the City has requested and anticipates receiving a one week extension for making a final recommendation as to whether or not the City wishes to proceed with the project.

Mr. Desotell commented that the approaches have been shortened, the decorative concrete has been removed, etc. to continue to knock the project costs down. Even with doing this, the DOT believes the cost to be too much. The City was able to lobby to get approximately \$50,000 in additional federal aid. Total construction has been authorized at \$452,947, the original authorization was approximately \$403,000. The City is lobbying for additional funds.

Mr. Desotell noted that he has recommended to the DOT to take two items from the project and make those 100% local cost. These items include the storm sewer, approximately \$25,000 (which typically the DOT does not like to cost share on) and electrical conduit and wiring, approximately \$10,000. This \$35,000 would be considered non-participating items, which the City would be responsible 100% for. The City is requesting to take the remaining approximately \$635,000 and split it 80/20. This is the current proposal submitted to the DOT.

Mr. Desotell cannot guarantee that this proposal will be accepted. If the City walks away from the project, it will be responsible for the design of which federal aid has paid 80% of, or approximately \$68,000.

Motion to approve the recommendation to remove the storm sewer (approximately \$25,000) and the electrical conduit and wiring (approximately \$10,000) and make these items non-participating items which the City would be responsible 100% for and the remaining amount of approximately \$635,000 be split 80% federal and 20% local basis as presented.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Tom Bauknecht, Ward 4
SECONDER:	Barb Rebstock, Ward 1
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

10. Approving 511 Clermont Street Tank Removal Contract with REI Engineering

Charley Brinkmeier, Surveyor/Project Manager, provided a memo advising that during demolition of the Langlade Laundromat staff discovered what they thought were two underground storage tanks. In September 2018 staff contracted with REI for the removal of the tanks and Department of Natural Resource permitting. While removing the tanks, staff discovered three more tanks for a total of five. REI is requesting an additional contract for an estimated amount of \$7,513. The prior contract was for \$5,000, so the total estimate to remove all five tanks will be between \$12,000 and \$14,000. Funding for the tanks will come from the Demolition Fund account.

Upon inquiry by Alderperson Rebstock, Mr. Packard advised that the five tanks tested positive for heating oil and water.

Upon inquiry by Alderperson Henricks, Mr. Packard indicated that one of the tanks was 2,500 gallons and the other ones were smaller, approximately 300 gallons.

Upon inquiry by Alderperson Bauknecht, Mr. Desotell indicated that the funds will come out of the demolition fund.

Motion to approve up to \$14,000 for removal of the tanks and Department of Natural Resource permitting with REI Engineering for the tanks at 511 Clermont Street with funding derived from the demolition fund.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Tom Bauknecht, Ward 4
SECONDER:	Scott Henricks, Ward 9
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

11. New Parking Lot at 511 Clermont Street

Mr. Brinkmeier provided a memo advising that after demolition of the Langlade Laundromat, staff has discussed that the area is to be municipal parking lot with the Post Office drive up mail box. The design of the parking lot dictates that staff install some storm sewer and lighting. If the City were to contract out the entire project, the estimated cost would be \$80,000. Staff has been working with the Street Department to complete as much as possible with City crews to lessen the cost of the project. The only items staff are looking at bidding out at this time would be the curb and gutter and the asphalt surface. The Street Department will be constructing the gravel base, storm sewer, concrete flat work and installation of lighting and wiring with the City's electrician, VanOoyen. The funds for the project will come from the following accounts, Parking Lot CIP, Storm Water Utility and Street Lighting CIP.

Mr. Desotell provided the committee with a map depicting the proposed parking stalls. The mailbox drop off box will be re-established to the north side of the Post Office property. There will be eighteen additional parking stalls at this location. There are five parking stalls to the north envisioned for temporary snow storage. Some of the parking stalls were moved further to the east so that delivery trucks can get through easier.

Motion to approve the new parking lot at 511 Clermont Street as presented.

RESULT:	RESOLUTION TO COUNCIL [UNANIMOUS]
	Next: 2/13/2019 6:00 PM
MOVER:	Sandra Fischer, Ward 2
SECONDER:	Scott Henricks, Ward 9
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

Any Other Matters Authorized by Law to be Considered

None

Adjournment

1. **Motion to:** Adjourn at 6:20 pm

RESULT:	CARRIED [UNANIMOUS]
MOVER:	Scott Henricks, Ward 9
SECONDER:	Barb Rebstock, Ward 1
AYES:	Tom Bauknecht, Barb Rebstock, Sandra Fischer, Scott Henricks
ABSENT:	Rick LeBrun

Tom Bauknecht, Chairperson

Date