



Village of Maple Park

302 Willow Street ♦ P.O. Box 220 ♦ Maple Park, Illinois 60151

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INFRASTRUCTURE COMMITTEE MEETING MINUTES

Tuesday, May 14, 2019

Maple Park Civic Center

302 Willow Street, Maple Park, IL

7 p.m.

1. CALL TO ORDER / ESTABLISHMENT OF QUORUM

Chairman JP Dries called the meeting to order at 7:03 p.m.

Village Clerk Liz Peerboom called the roll call and the following Committee members were present: Trustee JP Dries, Trustee Chris Higgins, Trustee Chris Rebone.

Others present: Public Works Director Lou Larson, Village Engineer Jeremy Lin, and Village Clerk Liz Peerboom.

2. PUBLIC COMMENTS – *Any resident wishing to address the Board may do so according to the Rules of Public Comment and should register with the Village Clerk prior to the meeting.*

None.

3. APPROVAL OF MEETING MINUTES

- April 11, 2019

Trustee Rebone made a motion to approve the minutes from the April 11, 2019 meeting, seconded by Trustee Higgins. Motion carried by voice vote.

4. Village Operations Status Update: Both Public Works / Lintech

- Waste Water Capacity / 70% Threshold – Current Reading –
 - Current operations – Water Tower –
 - New panel – status?
 - New heaters- status?
 - Old/Outstanding items
 - Anticipated maintenance
 - Current operations – Waste Water Plant –
 - Capacity
 - Flow meter?
 - Sludge test
 - Anticipated maintenance

- Lift Stations
 - Status
- Storm water
 - Status

Mr. Larson advised that with the amount of rain that the village has been getting, he and the Public Works assistant have been out checking storm drains. He advised that there is a lot of issues that will need to be addressed.

The committee also discussed the possibility of paving Kennebec Street, behind the downtown businesses, but agreed that storm water drainage would need to be fixed. Mr. Larson advised the committee that the owner of Bootlegger's added gravel.

- Status of mains
 - Valve replacement
 - Hydrant replacement
 - Any breaks or leaks

Mr. Larson advised that a valve on the corner of Washington and County Line will be replaced and hydrant at Maple and Broadway will be replaced. Trustee Dries advised that those items have been budgeted.

- New Concerns / Problems
- Old/Outstanding Items

Village Engineer Jeremy Lin distributed a Waste Water Treatment Plant Capacity summary. He then discussed capacity and how much is left at this point in time. He said that he will distribute this report once per month. Mr. Lin advised that the village is at almost 55% capacity at this time.

Mr. Lin advised that there is a new NPDES permit in the works that includes the construction of a new treatment plant. He then explained that the permit was scaled back a few years ago because the village was not ready to construct a new plant.

Trustee Rebene asked about generalized concerns. Mr. Lin said that the village has been sitting at this capacity for a few years and the new homes will not add very much. Trustee Dries advised that the Glasgow capacity reserve has expired.

Mr. Lin also discussed reasons why the village needs a new elevated water storage tank.

Trustee Higgins asked if the village could say they only want to go up to 70%. Mr. Lin said that they could do that, but that is not common.

Mr. Lin then discussed the 2019 pumpage and he said that operations are going fine. He added that the barium is now quite low, now that they replaced the resin.

Public Works Director Lou Larson discussed replacing the panel. He said that he will need Board approval. Mr. Lin said that it took a few days to troubleshoot the panel in the water tank, but it is back and working. Mr. Larson advised that the phone in the water plant wasn't working because an animal had chewed the wires and the phone company came out and fixed it.

Mr. Larson advised that the heaters have been installed at the waste water treatment plant, and a new in-flow meter has been ordered.

Trustee Dries asked about the boat. Mr. Lin advised that they found the boat and a member of his staff will be going out for a sludge test sometime next month.

Trustee Dries then asked about the affluent meter. Mr. Lin said that it is his recommendation to put the installation of the meter in next year's budget.

The committee discussed the replacement of the blower, and the possible replacement of the other blower. Mr. Lin advised that replacing the blowers with more energy efficient system, including the control panel, would help a lot.

Trustee Higgins asked about the blown oxygen level. Mr. Lin advised that this is a lagoon system, but you could certainly check that. Trustee Higgins asked if you could slow down the speed of the blower to save money. Mr. Lin said that is a good possibility. Trustee Rebone advised that he thinks that replacing the entire system will be expensive, but will be worth it.

Trustee Dries asked about the lift station. Mr. Larson said that he has Pat Rogers that works on the lift station and he says that it wouldn't be a bad idea to replace the chains.

Trustee Rebone asked if Mike Miller left a maintenance history of the waste water treatment plant. Mr. Lin said that he did and his staff is working on the maintenance.

5. Lintech Projects:

- Water Tower – Site selection and testing
 - Process
 - Anticipated timeline?
 - Outstanding needs

Mr. Lin discussed the reasons for a new water tower. He said that if the village did not grow at all, they would still need to construct a new water tower to handle fire flow needs. He said that he will look at sites, adding that the places could either be at the current site or another site. He will also look at topography, and it will prioritize what needs to be replaced first. He said that the village cannot meet the fire flow for any new commercial development at this time. Trustee Rebone asked when they would discuss

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what kind of tank the village would purchase, i.e., elevated or ground level. Mr. Lin advised that that would be decided in the design phase. Trustee Dries asked about a timeline. Mr. Lin said that he is focusing on Center Street before he does the water tower site study.

- Center Street Construction
 - Status – MFT Prep
 - Timeline
 - Bid process
 - Goal deadline – mid to late August

Mr. Lin advised that paving prices are going up. The committee reviewed a preliminary drawing of center street. Mr. Lin said that they will mill the surface to the base, and then pave it. He said that the goal is to have a straight lane when they are done, so some areas may need to be widened, adding that they will settle on a 20-foot size from edge to edge. Mr. Lin also discussed the drainage. He advised that he will have a final plan set and a time-line for the next Infrastructure Committee meeting. He said that he is looking at a 30-day bid process. Trustee Dries asked if it could be done by August. Mr. Lin said that, yes that is aggressive, but it depends on the MFT process.

- Open discussion / Other topics

6. Public Works Department

- Well House status / property up keep

Mr. Larson advised that the well house needs to come down. The committee also discussed the property next to that well house and Mr. Larson said that the Village President has been in contact with that owner and the owner was given a deadline of September 15th to get the property cleaned up. Mr. Larson said that he is going to do his due diligence and get back to the committee.

- Street Lighting mapping project – Resolution 2019-11
 - Timeline / status

This resolution was approved at the May meeting, but Mr. Larson doesn't have a timeline.

- Road conditions
 - Patching and repair
 - Status of Pearl / Maple
 - Solutions/Options?
 - Other others of concern focus
 - Curb repair

Mr. Larson advised that they will be working on patching tomorrow. Trustee Dries asked if Mr. Larson could look at the basketball court in the rear of the building and see if that can be fixed.

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The committee then discussed the status of Pearl and Maple. Mr. Lin said they could mill some areas to get the village by until it is repaved next year. Trustee Dries advised that the engineering for Pearl will need to be done in advance. Trustee Dries advised that Maple needs some work, also.

Trustee Rebene asked about the sink hole by the railroad tracks behind the American Legion. Mr. Lin said they have filled that several times, but they will look into it and find out what needs to be done to fix it.

- Status of the gym roof – Proposal #219016 – Wooden Roof Structures
 - Timeline

Mr. Larson said that the contract hopes to be on site this week.

- Village hall
 - Outstanding projects
 - Heat
 - Maintenance
 - Boiler status

Mr. Larson suggested having a study of the building for heating and air conditioning. Mr. Larson said that he would look into getting the contractor to give him a price to do the study.

- Property Maintenance Issues
 - Open items
 - House fire Green Street
 - Maiden
 - Main Street
 - Other

Mr. Larson advised that he is working with a contractor to get the house on Green Street demolished, adding that the contractor hopes to have this building demolished within 3 weeks.

Mr. Larson said that the contractor is trimming out the Maiden Lane property, adding that the house should be done within 3-4 weeks.

Mr. Larson said that he is working with the property owner at 18663 County Line Road and the process is slow, but it is moving.

- Parking space striping – Kennebec Street

Mr. Larson advised that he got a price of around \$500 to stripe the street, but with all the rain, the process has been slowed. He said that he expects to start work as soon as the weather stays dry.

Trustee Higgins asked if Mr. Larson could get the contractor to give them a price to stripe the parking spots in front of village hall.

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- New fleet truck
 - Need
 - Equipment
 - Bid process

Mr. Larson said that he has not had a time to get this process started.

- Summer work

Mr. Larson said that right now he doesn't need any summer work. But, Mike Miller has been coming back to work on small projects. The committee was okay with using Mike Miller, instead of hiring someone.

- Discussion Items
 - Sidewalk repair

No discussion

7. Committee Projects

- GIS Project
- Engineering contract review and operation review – by September 2019

Trustee Dries said that he is going to talk to Trustee Harris to work with this. Trustee Higgins said that he got prices for training. He added that it will be on the Finance Committee agenda to discuss the price before it goes to the Board. He said that the price is approximately \$1,100.

8. Strategic Plan Items – Are we on task?

- **Short Term**
 - Explore water tower site selection for needed water system functionality and capacity
 - Proactively evaluate and develop 5-year capital improvement plan (CIP) that focuses on short- and long-term prioritized infrastructure improvements including:
 - Water tower, sewage plan, Village hall maintenance/replacement, broadband connectivity and open space usage.
- **Long Term**
 - Address facility needs and structure issues
 - Plan for our 100-year-old building / Village Hall
 - Implement an ongoing Civic Center Maintenance / Replacement Plan

The committee briefly discussed the items above.

Mr. Larson said that he got a price of approximately \$13,000 to replace the lighting, but he told the vendor that the village really couldn't afford that and they knocked that price down to \$1,000.

The committee also discussed high grass and weeds. Village Clerk Liz Peerboom will send the letters tomorrow.

Trustee Higgins said that the Planning Commission is starting

9. ADJOURNMENT

Trustee made a motion to adjourn the meeting, seconded by Trustee. Motion carried by voice vote.

Meeting adjourned at 8:39 p.m.

Liz Peerboom, CMC
Village Clerk

Committee Members:

Trustee Dries, Chair
Trustee Harris
Trustee Higgins
Trustee Rebore

Village of Maple Park - Infrastructure Project List			
Current Operations			
Date	Item	Status	Comments
6/19	Waste Water Capacity		70% level - 45.03% in May
Water Tower - Open			
5/19	Control Valves	Pending cost	Lou will provide Kathy cost of total repair to be sent to Board with notification. Committee ok with the repair
5/19	Painting of the tower	Timeline - Budget Item	When was the tower last painted and when will it need to be painted again for budget reasons. Pending Jeremy
Water Tower - Closed			
5/19	New heaters	Completed	4 new heaters installed in the well house
5/19	New Control Panel	Completed	Working normal, alarm notification repaired also. Wiring damaged by birds and squirrels. Alarms received by 4 people
Waste Water - Open			
5/19	In Flow Meter	Ordered	Waiting on part, electrical waiting for part arrival
5/19	Sludge Check	Pending weather	Boat located, will be completed in the coming weeks. Should be completed annually going forward.
6/19	Grounds	Discussion	Landscaping needs?
5/19	Anticipated Maintenance	Timeline - Budget	Out flow meter
			DOE probe and blower replacement (Energy reduction/end of life)
Waste Water - Closed			
Lift Stations - Open			
5/19	Annual Maintenance	Pending Weather	Replace chains at WWTP, Pump and clean out tanks
Lift Stations - Closed			

Storm Water - Open		
5/19	Open Item	Timeline - Budget item Storm drains in Kennebec before black top.

Storm Water - Closed		

Water Mains - Open		
5/19	Valve replacement	Pending weather Countyline and Washington - Budgeted item
5/19	Hydrant replacement	Pending timeline Maple and Broadway - Budgeted item

Water Mains - Closed		

Lintech Projects - Open		
5/19	Center Street - Rebuild (budgeted)	8/19 Jeremy will finalize the plans and prepare the MFT paperwork Letter to residents on Center Street
5/19	Water Tower - Site Selection and needs (budgeted)	Pending Center St Will have an update at the next meeting along with final plans Determine the best location for a new water tower
5/19	Pearl Street	Pending Infrastructure needs and timeline to replace What short term repair can be done until rebuild? Engineering to be done next with storm water needs (for budget)

Lintech Projects - Closed		

Public Works Projects - Open		
5/19	Old Wellhouse on Main	Pending Recommendation to tear it down / Pending due diligence
5/19	Street Lighting Mapping	Approved / Pending Notification has been made to USIC, possible start in 2 to 3 weeks Need the GIS documents
5/19	Street Repairs	Ongoing Pothole repair / Basket ball court / Maple
5/19	Gym Roof	Approved / Pending Insurance check received, pending the contractor starting
5/19	Curb repair	Pending Needs to be reviewed

5/19	Sidewalk repair	Pending	Needs to be reviewed
5/19	Parking space stripping	Pending weather	Plan has been approved - Kennebec
5/19	New 1 ton plow/dump	Budgeted	Pending bid process, currently reviewing equipment specs
6/19	Trees	Discussion	Blvd trees, dead and missing, replacement plan?
6/19	Park - Settlements	Follow-up	ComEd damaged park area driving through
6/19	Memorial Park	Timeline - Budget item	Gravel replacement for path

Public Works Projects - Closed			

Public Works - Property Maintenance Issues - Open			
5/19	Maiden	Code violations	Currently meeting timeline
5/19	County Line	Demo/Repair	Pending walk through of house, demo permits soon for barns, exterior of property needs cleaned, fence falling down and tree
5/19	Main Street	Old Village Hall	Notice sent
6/19	Village	Garbage cans	Need a schedule to empty? Where are they going?
6/19	Pheasant Street	Code violations	Garage roof hole and garage door hanging, tall grass

Public Works - Property Maintenance Issues - Closed			
5/19	Squirres Crossing	Grass	Liz will send letter that grass needs mowed, HOA or Developer? Grass was mowed May 17th
5/19	Green Street	House fire	Pending permit required for demo / Demo complete 06/01

Village Hall - Open			
5/19	Heating	Pending	Need a proper zone plan for future needs / replace/remove boiler. Lou will reach out to vendor and walk building with JP and Lou
5/19	Maintenance	Pending	Identify needs
5/19	Lighting replacement	Discussion	ComEd rebate - Need further information
6/19	Lentel repairs	Timeline - Budget item	West side of the building needs to be completed.

Village Hall - Closed			

Committee Items - Open			
5/19	GIS Project	Ongoing	Chris Higgins is working on pricing/training and set up
5/19	Engineering Contract	19-Sep	Contract and Operation review