

PUBLIC WORKS COMMITTEE

October 26, 2022

8:45 A.M.

Attendees:

George Haynes
Bill Layton
Dennis Valente
Susan McIntyre

Joe Cetta
Jerry Vernold
John Kosier
Lisa Henderson

GENERAL

• Approval of Prior Meeting Minutes

- The minutes of the October 12, 2022 meeting were approved as presented.

• Authorization to Fill Vacancy

- SM, Have three of these, first is a Compost HEO, one of our people is transferring to the highway side.

- Committee approved.

- SM, Next we have an upgrade at the SWMC, have an MEO we want to bump up to HEO.

- Committee approved.

- SM, The last is for my position.

- Committee approved with regret.

• 2023 Budget

- SM, The tentative budget has been sent to Departments. We did not have any cuts to our requests.

- LH, I did make one change to the budget. I have to add the POP money to the revenue so there will be less coming out of our surplus.

• Upcoming actions

- SM, just a few things that you will be seeing in the next few meetings.

4 Day work week vote, that will show up in December.

Winter Maintenance Hours, will prefile that for the next meeting.

- GH, Does Colchester still plow Cat Hollow after hours?

- LH, Yes, they do that because of the number of residents they have working at the nursing home in Roscoe.

Tip Fee Adjustments, still working out the details on this.

• Dam Safety Meeting

- SM, DEP is having a Dam safety meeting. I don't think anything is changing, they are just required to do this. This is a virtual meeting on the third.

- GH, Is anything changing drastically?

- SM, I don't believe so but I will let you know after the meeting. Usually it's just updating the contact list.

• Fuel Island Upgrades

- SM, We had EF&S down here to review what we needed last week. They are getting things ordered so we are moving on that.

- Masonville Winter Rental Agreement

- SM, We will have a non-prefiled resolution today to renew the contract with the Town for storing a plow there. Rates and terms are the same.
- GH, What are our plans after this year? Will we continue with Masonville?
- SM, That's the plan but eventually the trucks will be too big, but for now we are there.
- Committee approved.

SOLID WASTE

- Compost Shut Down Update

- SM, Going well. They anticipate being done by Friday and back up to full service by next week.
- SM, I will give you a heads up, the bioreactor is starting to show signs of its age. Remember that has been running basically nonstop for 17 years. We will be doing some nondestructive testing to determine the thickness of the shell and the ovality (how round it is), to see if there are any bends. We have been in discussion with Delta Engineering, they do 3-D scanning and modeling. So they can send a 360 degree laser into the bioreactor and create a scan then they send it around the outside and they use that to tell if there are any sags or if it is truly round and what the relative thickness is. Will give us a better evaluation of its condition today and its rate of deterioration.
- GH, Was that set in place before the building? That could be a problem.
- SM, It was but we knew that going in. It had to be dropped in with a crane. So depending on who you talk to you are either very worried or not worried at all.
- GH, Is it showing signs of wear?
- SM, It has developed a few stress cracks that we have repaired. But they keep coming back. What we don't know is if that's because our repair is inadequate or if it is because of wear. We are also showing some thinning that was discovered when we were repairing the angle iron on the inside.
- GH, How thick is it?
- SM, It varies depending on where you are on the bioreactor. But the base thickness is anywhere from $\frac{3}{8}$ and $\frac{1}{2}$ inch.
- SM, But there is a fair amount of abrasion that just naturally occurs. The bioreactor is happiest when it is $\frac{3}{4}$ full, that is the ideal condition, and the inside has channel iron and the biological media grows on that so there is this 1 inch crust that also protects the bioreactor and you want that because that's what makes the biology happen; it keeps the bioreactor happy from a mechanical and functionality perspective. But if the bioreactor is running low, you lose that protective layer.
- SM, So when we shut down, we do not run the bioreactor, we shut it down and clean it.
- GH, Do you keep some of the bacteria?
- SM, Yes, we don't scrub it perfectly clean so yes. And the media is very resilient, if there is a shock to the system it will recover in a couple days.
- JC, Is there like a liner idea to this so if something happened we could line it?
- SM, The patchwork that is usually done on rotary drums are done on the exterior. Part of the channel iron that we put in acts like a liner and on the inlet end we have a hard oxidized steel plate that we put on but even that wears down enough that we replace it every year. So the drum is like a paper towel tube and the ends, especially the inlet end are removable, it is actually on tracks and you can back it off. There is a lip that keeps things from oozing you. You can tell when the lip is getting worn because you will see some crud on the floor.

- SM, So moving on, shutdown went really well. The 112 is in and running well, we are very happy with that. The repairs we did on the inside of the bioreactor worked well. We are thinking that for the testing of the drum, we will try to do that in April while we are doing the panel replacement. We need to empty the drum for that too so we can create a drier, more friendly environment while we do the work. So that will be the perfect time to do it.

- Cell 4s ALRs

- SM, Action leakage rates, I know we talked about this before, we have actual numbers, we have to be below 20 gallons per acre per day, we are very happy with what we are seeing.

- C&D Cover Resumed

- SM, So one of the issues we have run into with DEC this year was that they did not like that we were using C&D for cover on cell 6 and on the C&D cell. They wanted some additional testing that they could hang their hat on. We have provided what they wanted and we can now resume using the C&D as cover. This is good because we were having to use soil and that is just not good, it's a waste of good native soils and it makes bad cover. So now that we can use the C&D again, that will help our export issue as well.

- Cell 6 Temporary Pump Station Installation

- SM, This has been done, we have installed the pump and it is working well.

HIGHWAYS/BRIDGES

- BR 80 Bridge Closeout Items

- SM, We have transferred the bridge to the Village. We are waiting on the final change order and the final pay request. We hope to have that for the next meeting.

- SM, There was some question on ADA compliance, we had the contractor make some modifications and we are good to go there. So now we wait for the final pay request and a set of as built drawings that we will pass on to the Village.

- SM, We do have a request for additional funds from Modjeski and Masters for \$11,000 and change. We are agreement with this as there was additional work for the ROW.

- Committee approved the increase.

- BR 10-2 - Reopen Friday

- SM, This is the bridge by Hanford Mills, this will be open Friday afternoon.

- DV, Right on schedule.

- SM, Yes, this was a good project. Paving is done we just need to get the rail up.

- BR 32 – scheduled for mid-November bid letting

- SM, We are hoping to get this approved to go out to bid this fall. That is slated for construction next year.

- BR 83 Knox Ave – Rail is Complete

- SM, Have some minor rail adjustments to complete on this.

- BR 136 Dug Road
 - SM, this is the twin pipes in Deposit. We inherited this from the State in the late 70's. This is getting worse. We have run into an issue with the hydraulics so we are looking at a structure that would go from 60 some feet to 100 feet because of a backwater issue. We have kicked it back to McFarland to reevaluate this and they didn't really come back with anything good so we have a meeting with them on Friday to see what we can come up with. There are two issues here, Bridge NY has a pretty strict time frame. The other issue is that we have a fixed dollar amount, anything that goes over we would be responsible for.
 - GH, But if we don't use Bridge NY then we have to fund the entire thing.
 - SM, Let's see how the conversation goes on Friday. It is a low volume road, the actual road is load posted. So let's just wait and see.
 - GH, Do we have to monitor that every day?
 - SM, Every week. If there is a flood watch we just close it. We work with Deposit when that happens.

- Bridge Preservation
 - SM, I'd like to talk a little bit about the bridge preservation that is being awarded today. We bid this back in August and it came back way high. So we rebid it as one bridge with the second bridge as an alternate and with the work scheduled to be done next year. Prices came back in much better, we saved over \$100,000 by doing this. Same low bidder.
 - GH, What roads are they on?
 - SM, Bridge 67-21 and Bridge 28-11. We do these projects on bridges that are not going to be easy to replace.

- Highway Crews doing routine maintenance & prepping for Winter
 - SM, Vast majority of our maintenance work is done. We have some minor asphalt work left to do but we are basically in get ready for winter mode. Cutting trees, cutting brush, last minute shoulder work. Just cleaning things up. Highway crews were very productive this year.

- Paint Truck – work done for year, being cleaned, will be stored for winter by Friday
 - SM, Last project was the Village of Sidney. Truck is now being cleaned and should be stored downstairs by the end of the week.

- Vac Truck
 - SM, Finishing up at Solid Waste, then a couple other small projects and this will be cleaned up and stored at the NYSEG building in Hamden for the winter.
 - SM, Both of those trucks will be stored in Bloomville once that facility is complete.

- NYC Culvert 18 Project Ongoing thru end of November
 - SM, Proceeding very slowly. We have the outlet side in, we will now move traffic over to the other lane and get this done. We are hoping to be able to get the asphalt down before the plants close. We will be right down to the wire on that.

- GOSR Asbestos Abatement did not receive approval.

- SM, We did a resolution at the last meeting to award this pending GOSR approval, GOSR did not approve. They did a cost analysis and determined that the cost was too high. So now we can either negotiate with the bidder or put it back out to bid. It's just one more wrinkle in this never ending project.

- SM, We still do not have the written approval to take the historic features to Coventry. They had a meeting last night but we still haven't heard from them.

DPW BLDG PROJECT

- Construction status report

- SM, the project is still moving. No big schedule deviations. We do have some outstanding cost considerations. We have the J&K delay claim. We are having a meeting after our project meeting tomorrow to discuss how we want to proceed with that because they are pushing it. Truthfully the burden of this is on Mancini but as the owner we are tied up in it. There are also some price requests relative to the LP now that we have Amerigas on board we are adjusting the size of the pads and the supply lines going into the building. This is just a price adjustment to reflect what is actually going in. Then there is a request for price adjustment for the welder plugs, this was missed in the original design, now that we have figured out what we want, we will get the pricing and know how we have to proceed. If it's not bad we can include it in the field change, if it is high we will have to do a change order.

- GH, I see we were setting the fuel tanks in Bloomville yesterday.

- SM, Yes. We were getting nervous about having them here in town.

RESOLUTIONS

Prefiled

Appropriate Fund Balance – SWMC

- SM, This is mostly due to the increase in cost for the export of C&D. We didn't know what it was going to be and it went up more than we expected. It was compounded by the issues with DEC.

Award Prop 31(2)-22 – 2022 Bridge Maintenance (work to be done in 2023)

Not Prefiled

Agreement with Masonville

Budget amendment for Road Fund