

MINUTES OF THE MEETING OF THE
CITY OF BRECKSVILLE COUNCIL COMMITTEE MEETING

HELD: November 17, 2021

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UTILITIES COMMITTEE

Call to Order at 7:00 PM

Chairperson Daryl Kingston.

Committee members L. Carouse, A. Koepke.

Roll Call

Present: Kingston, Koepke.

Absent: Carouse.

Items for Consideration:

Motion by Kingston Seconded by Koepke to open the Utilities Committee meeting at 7:00 PM.

Also in attendance: Council President Harwood, Councilmember Caruso, and Councilmember Veras. Mayor Hruby, Law Director Matty, Engineer Wise, Board of Health Representatives B. Lynch and M. Conklin, Myles Rapkin and Clerk Tammy Tabor.

Kingston: Hello, everyone and welcome to this public meeting to discuss the Chippewa Road and Calvin Drive, Sanitary Sewer Project. Tonight's meeting is set to be informational and introduce the project to impacted homeowners and will cover the history of the project. It's scope, schedule, and funding. This meeting will comprise of three parts including opening remarks from the Mayor, a PowerPoint presentation given by City Engineer Gerry Wise and conclude with an open question and answer forum. I like to first take a minute and introduce everybody from the city and from the Board of Health tonight. Obviously, Mayor Jerry Hruby, this is Gerry Wise, the City Engineer at the table. I see Law director Dave Matty. There's some other members of Council. We have Brian Lynch from the Board of Health, Megan Conklin from the Board of Health. I'm Darryl Kingston. This is my colleague, Council Person Anne Koepke. We're on the Utilities Committee. As far as this utilities committee goes, I want to make it clear from the onset of this project that we are here to represent you and will do so throughout this project's entirety. While the sewer project is a collaborative effort, Lou, Ann and myself are here to champion your interest and to advocate on your behalf. A primary goal of this Committee is to help facilitate the communication between the city and everybody here tonight. We will ask that before commenting or asking a question, please state your name and address for the record. Finally, this meeting is being live streamed and recorded. With that, I'll turn it over to the Mayor for his opening remarks. Thank you.

Mayor Hruby: Good evening, everyone. As many of you will know as I look around and I see the gray haired folks in the audience, we've been talking about this sewer for over 20 years for that entire area. Chippewa Road, Riverview Road, Weise Road, Glen Valley, they were all part of the original discussions when the county told us that the fecal counts that they were getting in the streams were way beyond Calvin

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Drive, I didn't mention, Calvin Drive is included in that. Without going in all the detail, as you know, we did a project with the people that live in Glen Valley, putting in a (pp) station at the end of Glenn Valley near Calvin Drive to deal with their non-functioning two septic tanks that serve them. From the time that it was built till the time that they finally were non-functional, and everything was just being dumped into the park. That was the first project. The second project was Riverview Road. After the development went in, called Emerald Woods. When that project went in, it was an assessed project on Riverview Road. We put that sewer in. The time it was about sixteen thousand I think we thought it was going to be and the City went ahead and threw in taxpayers, your funds, and brought the assessments down on that project. It was a difficult project because of the water and because of the soil's conditions. Just as it was when they put in the Emerald Woods project. The state trying to get funds so we could help pay the cost of this project because the pure overall cost to pass it on an assessment. Your assessments would be very, very high. So, finally, after all the try's that we made, we were very successful and we received four sources of funding and Gerry Wise will go over those and the amounts of money that have been awarded to the City which will be the first part of the payment of the project. So, I just want you all to know that the reason it's coming up now, there's pressure on us, and has been from the Board of Health all along. We have gotten rid of most of the septic systems in Brecksville. We've gotten rid of all of the, well, not all but almost all of the pump stations. We just recently, in the last couple years, Bradford Village. So, the pump stations are going away. We did several of those. We did the Echo's treatment plant. There have been a variety of projects and you're one of the last ones to come along. So, I just want you to be aware that timeliness of this was not necessarily intentional. We did want, and did apply for funding, and were that successful. Now is the time to go ahead and take advantage of this money. We don't know if we'll ever get it back again or if they'll ever offer it to us again. The last comment I have to make is you remember a few years ago there was an issue in town about the Four Seasons. This Council was heavily criticized for its decision on the Four Seasons. It wasn't criticized when it helped Echo Hills. It wasn't criticized when it helped Ashlawn in the Southern Estates. It wasn't criticized when it helped Riverview Road. It wasn't criticized when it helped the people on Whitewood and the people that had systems on Route (21)twenty-one. Because if the numbers are such that we can, as a city, help out and reduce that for each one of you, I would recommend and hope that Council will do that. And it's the same thing that happened in the Four Seasons. You can debate that and say, well, that was after the fact. That was after the sewer was already in. This is before. That's why everybody knew what the way it's going to be and the rules upfront. Sure, I understand that but the point is still this, tax payer dollars are taxpayer dollars. Whether you live at the north end, the south end, the east side, or the west side, it's all of your money. And when the city can take that money and put it to use to help the homeowner, because these aren't, they're not an inexpensive systems. So, to help the homeowner, Council has done that and they've done it over and over and over and over again. So, I know some of you have already called me and asked me, are we going to give you the same treatment that was given to the Four Seasons? The answer to that question is, I would encourage Council to do so and I think they will. It's Council's decision but I certainly will support that and certainly recommend something like that in some way to help you all. So, with that, I'm going to turn it over to our Engineer. I assure you that what you heard from Daryl Kingston is exactly their sentiment of Council. They want to represent you. They want to help you through this as we did with the folks that live on Riverview Road and on the other projects that we've done in the city. We're here to help you through it and make it the best as possible. So, Gerry, if you would, Gerry Wise is City Engineer. He's with the Donald Bohning and Associates Firm. He is a resident of Brecksville and he knows what a sewer project is for sure. Go ahead, Gerry.

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Engineer Gerry Wise: Thank you, Mayor. Alright. So, tonight, we're, this is our informational meeting and we're going to present the project in many slides. I'm going to go through them and I'll try to get through these if everyone could hold their questions to the end and then, I'm sure everyone's interest will be, I mean, it'll be general questions. Similar than that there was in the review project but then, a lot of people seem to be focused on their own yard and we will try to come back through the as needed to look at individual pictures. So again, to start it off, it's going to be the Chippewa Road, State Route 82 and Calvin Drive, Sanitary Sewer Project. That was the official name. It has expanded to include a storm sewer which I'll get to in the reason why in a little bit. But our project partners, obviously, this is a City of Brecksville project but Northeast Ohio Regional Sewer District is the major reason why we can proceed at this point. They have come through, we have applied for, and been a recipient of a major grant from them, Cuyahoga County Department of Public Works. They'll be two facets that they're assisting us in. One with the removal of the pump station, one with the storm sewer improvements, and then the County Department or the Cuyahoga County Board of Health, Megan and Brian sitting behind me. As with all these projects, they are right now, they're out there doing the monitoring of the septic systems and they maintain, well not maintain but they are in charge of them and then as the project is completed, and accepted by the city, we'll turn it over and we will inform the County Board of Health at which point they will be personally involved with all the residents. Again, the project purpose, installing a sanitary sewer eliminates a septic, up Chippewa, just shy of Emerald and then another leg coming off of that that runs down Calvin. It will go down Calvin and then go across some private property, easements that we're going to attain and where the Glen Valley which is a private system. There's a pump station and this sewer will intercept that pump station, eliminate the need for that pump station, and then their private system will flow into a public system by via gravity sewer. The next leg, there's an existing piece that was put in when Emerald Woods was installed. Started back when Preston Village brought it up to Emerald. Emerald took it. Actually, Emerald went first. Emerald brought it all the way through Preston Village all the way out SR 82 and then by county requirements, they had to go across the frontage. So, there was an existing pieces, excuse me, a piece of sewer there and at that point. So, Emerald Woods is already connected to a Sanitary Sewer and sends that, and made three parcels across the street accessible. They were given notice 10 years ago and they've since connected. So those people are already part of the existing sanitary sewer. We're going to take that leg of the sanitary sewer from there, run it up further, just shy of Wiese Road the rest of this street up. Regional sewer and the County have trunk sewers that run down SR 82, turn on the Wiese Road, and go down on Riverview back where the old treatment plant was. The interceptor sewer came through the valley and then came through that area which allowed us to, the reason why a lot of the sewers extended through Brecksville. The next slide here, this is probably what a lot of people are looking for. Yellow (marked properties) would represent parcels that are being benefitted or getting benefit from product. Benefit being a sanitary sewer connection. So, what I've done, is it's the previous slide, except we've now taken it and made it linear on the top slide. It would be on the top section would be Wiese Road. Over on the left going to Emerald Woods then in the middle section, it's Emerald Woods all the way down to Riverview and with that stub coming off which is Calvin Drive and then we had to break the rotation a little bit to show the rest of it. But that would be the extension of Calvin Drive. So, the yellow parcels would be ones receiving benefits. Gray (marked properties) already have sanitary service or are not part of this project. So, those are the people that are going to be again, eventually, assessed through this project. The next several slides, and we're going to stop several areas but these are the improvement plans. What we've done is we've changed them. The green is going to represent and we're going to blow up in a couple areas. But then like I said at the end, if people have specific questions, we can come back, try to zoom into your specific lot, look at the best, that we can, look at something in your lot if you have

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a specific question. But green (lines) would represent the storm sewer which is being replaced. Red (lines) would be the sanitary sewer. The green is just into the tree lawn that's out there. So, just into your grass area that's out there right now. Red is right into the edge of pavement, kind of into that berm area. It's right underneath it. On this (slide) you try and help clear it up. We've taken the addresses, put them in blue, try to blow them up a little bit and gray shaded the pavement. Just to try and give you some perspective. Again, we're starting up the improvement plans. The sewer runs the other way but the improvement plans are starting up at Wiese Road. So, that's the order we're going to go. Right down Wiese Road towards Riverview Road and then we'll have a small section that we're going to show you on Riverview followed by Calvin. So, the typical improvement just so everyone understands. Almost everybody except for a few will get a sanitary connection. Well, everyone's getting a sanitary connection that was (marked) in yellow will get a sanitary connection. And that will include inside the right of way. We'll run an extension out onto your, into your front yard, put a clean out. That is part of the sewer project. Once the sewer is finished and accepted by the City, the Board of Health will then issue notice at which point you can then run it from there to your house and abandon your septic system. This project does not extend back onto your private property and then again, everyone will get a storm connection. The difference with the storm and the sanitary in this one is right now the sanitary will be put out there. There'll be no flow into it until you tie your house into it. The storm, we will have it from the video of the storm system to the best of our ability. We try to locate it either from whatever we have seen on your property or from video marking where the cleanouts are. But that is going to be a little bit of a moving target as we go. The contractor will have to find that as he's digging, tie back because that is the one connection that will have to be connected back in. Your septic systems now tie into it, your downspouts tie into it. So, that will be one thing that will be connected live as we move down the street and then again, once you connect to the sanitary sewer, you will now separate your storm and sanitary flow. Your sanitary flow from your house will be directed into the sanitary and storm water will be directed to the storm sewer. To the next slide. So, again, we're going to use a couple addresses as examples. To try and, again, illustrate what we're doing. The intent, again, was both sewers on one side. Storm (sewer) was already over there. Sanitary (sewer), it makes the most sense that we leave it on that side. Trying to keep the utilities as close as possible because we have to maintain traffic. It's going to be difficult, one lane will be down. We'll have to work in zones. I'll come back to that at the end. The contractor will have some leeway but he'll have guidelines set and he'll bid it accordingly. He'll have to supply a plan to us but there'll be zones that he's allowed to work in. He'll have to complete the improvements in that zone and he'll move up the street in different zones because there's a limit on how far the temporary signals will work. So, it'll be a temporary signal on both sides during this work limit. He'll finish his work limit. He'll move up to the next work limit and then progress until he gets off of Chippewa Road. As far as the storm sewer, as we move up the line, right now, there are some basins out there. What we're going to do is we're going to set on the uphill side of the driveways. Again, it's relatively flat but in general, flow is heading to down to the river, down to the valley. So, on your uphill side of your drive, we're going to set a basin and re-establish a swale in your front yard. It will to the best of our ability. It will not be deep. We're trying to set them relatively shallow compared to the edge of the pavement. It just has to be enough. All it's collecting is a little bit of water from one driveway to the next driveway. So, we just want to try and collect it, get it off the road, and collect it into the storm system. Again just zooming in on using eleven three o three (11303) as an example. So, what we've done so far, our field crews have gone out. We've located items we've seen in your yard. So, across this one, I mean, the edge of payment was located. The sidewalk was located. You're drive aprons relocated. In some areas, we found existing storm systems. Septic systems which are up in the yard further, in there, we've located that. So, what we've done in general is we've tried to place the sanitary sewer in a location that would

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make sense and this is our placement. Now, there are rules on this that every year get more and more strict. What we've done is, there's separation requirements between the sanitary, the water, and the storm. And what we've tried to do, to the best of our ability is place that, honoring those separations. So, in this one, we place a sanitary sewer as it's shown in red with the intent that it would then be extended. The homeowner could use that, extend it right through their, right adjacent to their septic towards the house. Obviously, that's where it's coming out of the house and this one is right in the front. We do have lot the old logs from the Board of Health for most of your houses. So, we do know in general for the majority of homes if your septic was in the front, in the back, and we've tried in general to just in some cases, if it's in back, it doesn't make sense for us to force you guys to run a connection all the way around the back of your house. It's longer. So, if it didn't seem viable, we set the connection in the front. You do have the ability when you go to connect. A lot of them, you're coming out, your first floor drops down and then it just drops interior and goes out a wall. Well, a lot of that as opposed to spending the money to dig around the house, you can turn your plumbing internal around and come out your front wall. But everybody, that's going to be a case-by-case basis on how your basement set up, if it's finished, not finished, so you can make determinations and in some instances, we can adjust these connections. We've done that in the past. We'll do that when we get closer to the construction project. The Mayor included in our letter that went out, a sample letter that is put out typically right before construction and that's when we'll the connection, you'll know where your connection physically is, but at any point, you can, once we start moving forward, the plans will be public record and you can obviously obtain a copy, look at them for yourself, and you can see where they are but once we get close to construction, it'll be marked in the field. And then again, the storm system on this one, we knew where the storm connection was. So, we put the connection right back where it was and the intent is that the contractor, even though the plans are going in this direction, it's just because of stationing. The contractor will work up the road. He'll cross your storms through your storm connection. He'll then dig up your storm connection, put a lateral in, tie you back in at the location shown and you'll be functioning the second the sewer passes your yard. So, you should, you won't see any interruption in service during that time, that time period. Pavement, on these slides, again, we're bringing the storm system in and what I was, what I wanted to say was an important reason why we have the county, the storm sewer replacement was an advantage to add into this project. Number one, because it is antiquated and old and it needs to be replaced and up sized but because we've been introduced to storm system and the storm system was existing and we all pay maintenance fees based on our existing utilities. We are able to use our county funds for storms sewer replacement. We can't use it to install a new sewer but we can use it for sewer replacement. So, the advantage is obviously sewer up upsizing and the sewer replacement will be something that will be funded through the county but then, we also get to extend that. I mean, so I can, to a limited ability, drive aprons, and things like that can be included in that. If we just did a separate storm sewer project, the drive aprons would have to come out and so therefore, we can use money to pay for that which then helps in the overall cost of the project or any portion that is passed on to the residents. Just flipping through again, we'll try to know that that's hard to see. Just someone can see their yards again. We can come back at the end if people have specific questions. Long connections say for like (11407) eleven, four o seven. Longer connections, long connections would be the ones that are going across the street. Short connections would be on the going to north side, long connections going to the south side. Just there's no way around it. We're going to have to bore those connections. So, that's going to be a process in itself because we can't open dig that. We have to maintain traffic and so there's one lane that's going to always have to stay in service. Again, it'd be one lane, it'd be two-way traffic controlled by the temporary signals. But it's just so it is going to be, it's going to be difficult. It's how Snowville was done. Probably seven, eight years ago and it's going to, I'm not going to lie. It's going to

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make living there tough. Again, there's a lot of traffic on SR 82. A lot of that will, if it just pass from traffic, this project's going to go on. We'll have signage up there. They'll learn to go around and so some of the traffic can get cut down but local traffic will have to get through it. They're going to have to coexist for six months or better with contractors, school buses. We work with them. The school system is great to work with on all these projects. We inform them ahead of time. They will do everything in their ability. They look at them on a daily, weekly basis. They look at the construction zone. They understand how they have to route buses to get through and the contractors, we usually make a point to explain to the contractors, we have to get the buses through. Affecting one school bus tends to screw up the schedule for the entire day. A lot of times we like to try and time these projects that they're done over the summer. This project is too big for that. It can't go just, over the summer. So, stopping this is right in front of Emerald and I wanted just to kind of point this out just for example if you could zoom in there again. Again, there is other things. This is where that second leg takes off. It takes off from the existing sewer on Emerald but inside of here, there's, I mean, there's all kinds of stuff out there today. There's AT&T ducts. So, the AT&T ducts that are out there, there is different zones but this last section in here has twelve ducts. I mean, that's three four ducts wide, three deep, all encased in concrete which we have to move around, try to get connections under, and it's just another obstacle. The gas main is out there. Water mains under the pavement on the other side but so that's one utility that's not directly interfering with us but there's just a lot of stuff on the main road that is typically what happens. We've done what we can to locate it. The manhole vaults were out there in the pavement. The lids are out there in the pavement. The vaults are under the payment. And we've shown the in some areas we had OUPS come out. The Ohio Utility Protection marked the stuff to some level and then we collected it. They will do further marking as we go. They will, there will be field adjustments that have to happen. It's inevitable. It always happens. But we'll work through it as the project's progressing. So, skipping over Emerald, this is where the Riverview Road section will stop. Again, Emerald. So, twelve one o seven(12117), twelve one eleven(12111). All are served from the sewer within Emerald Woods and so then the sewer here starts over again, starts heading back down towards Riverview Road. We're going to stop here on this next page. The old Station Cycle the reason I want to point it out, we have the typically the way this works, we don't do this by front footage. There's many ways that we'll eventually go through the assessment. Assessments, again, we'll talk more in detail. They're not finalized. They will be finalized and then the first step is Council will weigh in on it. They'll be City portions and eventually, final assessment will be determined. It will be filed with the clerk. You'll be given notification of it. Today, again, is just an informational meeting to, we've done this on Riverview. It's just to get the residents involved, make them understand that the project is out here. But assessments, the way we do it here in Brecksville, assessments will be, if you're a residential house, you get one connection, that's one benefit. So, you have an equal assessment to your neighbor. Because it has no, the sanitary sewer has no bearing on front footage or anything like that. Now, you have two commercial operations in here and they will be assessed slightly different than you. They will be broken down into equivalent residential units which then which will be determined. There's a lot of factors that go into it and we'll follow formulas and they will then be given an assessment. The Old Cycle property has the business and a house. So, they get a house connection benefit, plus the whatever benefit, equivalent benefit it has for the commercial establishment. The only other commercial establishment included in this one will be Clippity Clop which again has multiple businesses inside. It has the main business but then other offices in the back and that will all be evaluated as we go through it. So, that will be the only people that are being assessed differently. There are some of the other examples that I want to point out as we're moving through. But one of them is already being resolved I've already seen a preliminary lot consolidation. The house that burnt down years ago, that's two parcels owned by one owner. He is

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consolidating them. I've seen the map. Based on such, he'll only be given one benefit if he would have left them unconsolidated. I really wouldn't have had any way to avoid it. He would have been considered as two parcels, two benefits, and we would have given them, provided them with (2) two connections. So, things like that are items that we have to evaluate as the project moves forward. If you have, and it really, there's only one that's even questionable and it probably can be ruled out if you have some, a normal amount of frontage where your lot could be split in the future. We have to evaluate that too because if it's being done, you might have to have, we provided two it's in the event that your lot is split in the future. But there are ways around that if you did restrict your property so it couldn't be split. But again, I don't think that's going to be an issue on this project. It did come up on the review project because some of the parcels were a little bit larger. At Calvin, again, some of the benefit, I've been out at several times at (12430) right at the corner. Again, our sewer system on, again, the reason this is beneficial, the sewer system on Chippewa Road, 1935 era is undersized. This residence sits low. It has the new owner took possession probably three, four years ago and he has contacted me probably four, five times due to basement flooding. This project will provide a new storm connection to them in addition to the sanitary connection and again, help, hopefully, alleviate the flooding because we're going from what's out there right now. I think it's like (18) eighteen-inch sewer in some areas at our discharge point right in this location, we're already up to a 30-inch sewer. As we get further down, it's got, it's an existing 12-inch sewer. So, you can imagine during today's standards, the sewer sizing increases it to a 30 inch and there's a 12-inch sewer out there that's old vitrified clay. And essentially collapsed in many locations. So, again, it's a vital project to be done as we close in on the intersection. The Sanitary Sewer turns the corner, ties in, there's a manhole right out in front of the County Line Saloon that we left as part of the review project and the storm sewer is going to turn, go down Riverview. It's going part way down and our endpoint which is shown on the next slide. Is the rotation just switch here but the end point, it's not all the way down the hill. The sewer actually goes from here, runs down old vacancies, was not vacated but Old Station Road, the abandoned section but there's a current project out there right now that the National Park started, Metro Parks is taking over. They're going to take the man hole right there, run a sewer, across the street into the ravine and they have a whole project to restore the ravine as it goes down into the bottom towards the Metro Parks. They're going to generate some additional wetlands down the bottom in that in the very back of that field and allow the water to dissipate. This is something that they want to do to help with the water quality in this area. So, again, that project will pick up from ours and then that would make this section of sewer going down Old Station Road obsolete. Coming back, going down Calvin. Again, Calvin being a little bit different from State Route 82. Being less traffic, obviously, more controlled. It will be restricted to local traffic only but it the contractor will have the ability. They'll be aggregate to the surface during construction. The contractor will have the ability to move through here which would obviously help increase his production and the speed that he gets down Calvin Drive. There is one limited area on Calvin Drive where it shows up on the next page where some of the houses have sewers that go out the back. We found that on old plot plans, old records. So, these few homes would only get a sanitary connection. They wouldn't get a storm connection because their storm connection's already functioning and going out to the rear the property. Then getting down to the bottom of this site. This is where we will the grade, you could kind of see the cul-de-sac on the end of Calvin. We are going to leave the end of Calvin which is the end of the public right away. We will obtain an easement. We will be running into Glen Valley and basically, we'll need easement from the eight, it crosses three properties. Two of them being owned by the Glen Valley Homeowner Association. One being individual property owner and which is where the pp is, we're going to intercept the gravity sewer. The gravity sewer then will abandon the section. The pp station is right is located right in that area on the end of Glen Valley. It has a main, it runs cross country up towards

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State Route 82 crosses in front of Emerald and ties into the manhole. Some of the things again I wanted just to talk about are some of our talking points. I covered most of these but every resident will get a new main within their frontage, a new connection. Sanitary Connection installed with a T on their front, in their front yard that they will then extend. That's the sewer project. The Storm Connection, again, replacing the existing line in the roadway, a new connection, with a T and you will be tied back in. We did talk about traffic. But again, I'm just estimating but probably (1,000) one thousand foot zones will be set up. But if you're the person laying the sewer, it's not. It's really only three sections of sewer. Every contractor is going to want that to be a little bit longer but within reason, we're going to have to work with them to try and keep this project progressing. When they're done, what you will see. I probably should have touched on this. Well, you're going to see when you're done. We do have a project coming up in the future. It uses, it's right now what Council has authorized the Mayor I have done. We have a couple different options we're pursuing. We've submitted for federal funding. It might possibly be included in infrastructure grant but we really took a long shot. We've asked for \$17 million. That would be a complete redo of State Route 82, the pavement section. It's probably not likely we're going to get that but if we do, that would be a home run for all the way from basically Heinen's all the way up to the bridge. That would, that project would have been increasing the lane width. That would be three lanes. It would allow turn lane, a center turn lane. It would have sidewalk on one side, trails, a trail on the other side, and again, that would be really a fantastic project. But as I said, it's \$17 million dollars and hopefully, it's included in the infrastructure grant but I'm not sure if it will be. The money that we do have right now is called Urban Paving Money. It's basically, it allows a mill and fill. A mill and fill is taking off three inches of asphalt, putting three inches back. It's six hundred and eighty-six thousand dollars and that includes a stretch all the way from the Chippewa Road Bridge to the bridge going over the Cuyahoga over the valley. So, \$686,000 is really on that road unfortunately, in my opinion, needs to be replaced but with the funding we have available, that is the project it affords us to do but there's an issue because Urban Paving is federal money. If we mix federal money with the local money that we're doing on this project, it causes different restrictions and it would cause our sanitary sewer project, the cost to increase. So, we are intentionally keeping them separate. So, the first year, we're doing this project you're going to see is the sewer project will go in. We will concrete cap it. Similar to what Dominion did on State Route 21 when they ran through and they replaced eye pressure up the middle. We'll have a concrete cap to the surface. We will let that sit, let this project terminate, and then we'll roll into the next project which will come in and it will mill that concrete down and it will do repairs to some limited curbing, some base repairs but then replace asphalt on the road. Again, it's not the ideal project but it is the project that we have currently a funding for going back to the easement. Again, this would be the exhibit that will go in an easement docent. It will be given to the HOA. We've already had preliminary conversation with them but again, I just, the reason I want to include is the importance of this homeowner at not involved in the project. He already has sanitary service. This is 12104. What he has allowed us to do for a preliminary conversation. If we intercepted the sewer at the pump station. The pump station is 16, 17 feet deep. We would have to intercept it at that grade, carry that elevation through the entire project. It would run the sewer in the ground five, six feet deeper throughout the entire project all the way out to Riverview Road. That is something, it's an expense we didn't need to incur. The sewer running up his yard, the way that Glen Valley, the Glen Valley Private System is a little bit odd. It runs through a lot of backyards and ties together at a sewer location here then runs into the pump station but by allowing us to run up his yard and grab that sewer back next to his house, it saves that elevation which is considerable money throughout the project. So, we're very thankful when we get this sign but very thankful that he's been considered offering that. So, a preliminary schedule. Again, rough, aggressive schedule. Right now, we're at an informational meeting. What we'll

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do from this point we will work with City Council. Well, I will finalize the plans. We'll go through various reviews. We will work with City Council. We'll finalize construction costs which will involve talking to some contractors, getting current pricing, and then, we will propose. The Mayor and I have sit down with the Finance Director, go through various funding options, present to the Council. Council will determine what the city share is and then that will discern, determine what the actual assessment will be. Once that is determined, it will be filed with Council Clerk. You will be given notification which starts the process. As far as the and that's the assessment proceeding which will from somewhere in mid January possibly through April. Somewhere along here, Council will, depending on what kind of comments we receive, things like that. Council will make a decision. Based on recommendations given to them by myself, the Mayor, the Law Director. We'll make it a determination if we're at a point that we can go out to bid. Personally, the sooner we got the, I feel the sooner we got the bid, the better off we are. We want this project bid early in the year. Being such, we catch the contractors that haven't filled their calendars. Typically, contractors bid work, early year, they bid it aggressive, towards the middle of the year, they kind of look at what they have and there's always contractors need work throughout the entire year. So, you can't necessarily pick or choose which one you get but anyway, typically, some contractors bid aggressive in the beginning of the year. It tapers out in middle year. At the end of the year, their bidding projects that they want to make money on. So, why we want to go out sooner than later and so hopefully, we're out to bid. This is going to be a little bit longer bid process. So, we're giving them 3 weeks to bid the project and then after they bid, there's a process that has to come back to City Council. I mean, obviously, the bids have to be reviewed. Then, it has to come back to City Council, be awarded. There's some process with that. Again, being an assessment project but the most optimistic time would be that we could start construction in early May. Again, that's a fairly aggressive schedule we are giving them right now. We would be giving them to the end of the season which is about mid - November. We would give them one year unless something changed. We could phase the project out. We could sit there and say, we want you to focus depending on how the bids are. If contractors input, we could determine somewhere in the bid process to change a construction format and we could sit there and say, okay, we'll give you, if are in agreement that you'll give us aggressive pricing or hold your pricing. We could do something where we allow them to hit SR 82 in one year, Calvin the next year. So, that would be some options that we could look at but hopefully, everything is done in one year and at the end of the year, we're finaling out the project and at that point, we would come back, we would get all cost involved in the project, final it out, and then, what you would get at that point would be back to the final assess preliminary assessments are just that. They're an estimated value of what the construction costs are going to be all associated cost and then your preliminary assessment is based on that. Final assessment is based on the closeout cost. The funding sources we talked about this but I wanted to include this in our presentation. We were reaching back starting in two thousand thirteen. So we did on Riverview Road. We started in 2008, 2009. We went after funding. Unsuccessful many times and finally got it. Did the project in 2011. Soon after that, just kind of understanding the way that the system works, We went after funding. So, there's many different sources of money. But projects that were funding that would do a project quite like this would come from Ohio Public Works Commission, which is run locally by DOPWIC, which is District One Public Works Integrating Committee. And so we went after this 2013, 2014, 2015, 2016. We skipped 2017, 2018, that's when we did start SR 82 replacement on the west side of SR 82 because we switch our funding went after it for that project. Came back again in 2019. All unsuccessful. We even dropped, we were very close. We missed by points in many of those years. That's why we kept going after this and again, this OPWC, that's some of the in all honesty as far as money goes. This is some of the best money sources you can get. Very little strings attached to it. You can get it. You can use it for the project. Very, very little overhead

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associated with it and again, it's a really good revenue for money. But again, we just, we're not lucky and could not, close the gap and get it down. Even the last year, which we didn't want to do. Knowing it was an assessment project. We cut the ask in half. We included a loan in 2019, but we put the grant application down to \$750,000 because that again, it affects the points in the application. And still, we just weren't, successful. Finally, we switched it. In 2019, we also, at the same time, went after when regional sewer brought out a program. It's the MCIP. It's a grant program. It's for the municipalities within the regional sewer district. The reason we were funded this money is because again, the effluent. That money is only available to basically clean the environment and water, water that's just charging to the environment. So, we applied for it and due to some of our discharge locations and results and testing that the County Board of Health had done. We were successful in getting that. It's a \$1.5 million dollar grant and then immediately following that, we switched our application to a loan. On the assessment project really weren't, wasn't the biggest fan of a loan but however, it's still, it's not a 0% loan but it's a really low percent loan and we did get the \$750,000 loan. As I said earlier, Cuyahoga County, it's County Department of Public Works. Used to be called County Sanitary. They committed \$300,000 to the project. They did that because that eliminates the pump station, it eliminates them having to come back completely. The pump station's at its last leg. It prevents them from having to come back, redo that at using our money at the county, to reconstruct it. It eliminates electric bills, other bills associated with it. So, they committed. They felt this was a good thing to get rid of it. They committed \$300,000 and then again, the last one being, the County Department of Public Works. This will be for the storm sewer component. I don't have a price on here, it will be all costs associated with the storm sewer. So, this will be a significant portion of the project and this is a big benefit to us. So at this point, I'm going to open it up.

Mayor Hruby: So, again, Mr. Chairman, could we have the Law Director explain the assessment process and what that assessment means. I'm not sure that the audience understands what that is.

Law Director Matty: Thank you, Mayor. Good evening, everyone. And if anybody has a problem with insomnia, you can look up Ohio Revised Code Chapter 727. You will see a number of sections that control this whole procedure. From start to finish, all the rules and regulations that we have to follow as a City are contained in that chapter. As Gerry said, this is a project which by that code has to follow one of three processes. He has used, and the City has used in the past and he thinks it's the per benefit system. You will see there is a benefit part to that process. We can either do that by benefit as he has chosen to do, by tax value of your property or by front footage. So, you all will be assessed as he indicated one benefit. No one will be treated differently than anyone else. The law also has in it that the City must pay 2% of the project but in that same section as the Mayor has indicated for the other projects that the city has done. It has language that reads, our Council may also pay what it deems just. So, there is the discretion that our Council has if they decide to pay more than 2%, which as the Mayor has indicated they have done that in the past. The whole process starts by Engineer Wise's office submitting to Mrs. Tabor, our Clerk of Council, the plans and the specifications for the entire project. So, if you have any interest in your particular parcel on file with her, you will be able to see the exact plan for your parcel as Engineer Wise has shown you this evening on this map in total detail. In case you or any of your consultants want to know what this project is all about. Once those plans are filed. There is an item in the code called a Resolution of necessity. And that is for our Council to discuss and or pass this Resolution which says this project is necessary to be done in the City. That Resolution needs to be passed by seventy-five percent of our Councilmembers. That Resolution once passed will be something that Mrs. Tabor will be sending to you by certified mail with the assessment value that you, as an estimate, are going to be charged for this project. That type of proceeding is very important for you to make sure that if you get a notice of certified

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mail, you go to the post office and pick it up. The reason that's important is if you have an objection to that assessment, you only have, under the law, two weeks to get that objection back to Mrs. Tabor. So, it's very important if you get a notice for certified mail, please pick it up. Because if you don't, then, the city has other ways in the code that we can notice you and one of them is just publication by a newspaper. So, you may never know what that date is if you don't notice it in the newspaper and if you pass up that two weeks, the law reads that you waive any right to an objection. Now, what happens if you have an objection? If you have an objection, the code reads that our Council, our City Council, must appoint three disinterested residents in our community to be on what's called an Equalization Board. That Equalization Board is charged with holding a hearing on your objection and reporting the City Council as to what your objection is and what their recommendation is either to accept partially accept, or deny your objection. Council then needs to make a decision of going forward with their plan to put this out to bid or if they do not accept the recommendation from the Equalization Board. Your objection would be heard by a second equalization board. So, there's a whole process in the code which treats your due process as it should if you have a legitimate objection to participating in this type of project. I must tell you that those objections are very limited and must be based on certain principles and your consultants. If you have any or they would have to assist you in that process. My part of this will be to represent the Council and represent the Equalization Board in this process if there happens to be that type of procedure. Payment of your assessment as we go, if the project is bid and it goes out to construction and it's constructed, those estimated assessments in the beginning of the project will eventually turn into final assessments. And the reason they may be different of course is in construction, if we run into issues, the cost could be more in the end than was anticipated in the beginning. But all costs of this project are what the assessment will be. Your share plus the City share will equal the total cost of the construction. At the end, you will have a choice to pay the assessment if you wish to pay it upfront or let the assessment go and pay it over 20 years as part of your real estate taxes. The City will use bonds to pay for this project and then you have the choice. Do you want to pay for it upfront or do you want to pay for it in this case, 20 years on your real estate taxes and there is some interest built into those payments. So, that's a choice that you will have. At the end of the 20 years, the assessment ends and there's nothing further. If there's an issue in paying the assessment that you have. If you do not pay the assessment as it goes, that's a totally different issue that will require collection at some point in time but that's the process under that chapter of seven twenty-seven that this project is done under. If you have any questions, Tammy (Council Clerk Tabor) has my Email, feel free to Email me. I would try to address your questions according to what the code says. If I see there's an issue that you had to deal with either your personal attorney or your personal consultants. I will tell you that but that's the process that this will go through. It will take if timely done from January of 2022 to probably December of 2022 to go through this whole process and this whole financial process of knowing what your initial assessment is and what your final assessment will be after the project is done. Thank you.

Chairman Kingston: Thank you, Mr. Matty. Do you have anything else, Gerry (Engineer Wise) or should we open it up? Does anyone else have anything to add at this point? Okay, why don't we open up to questions or comments? If anybody has any. No one wants to go first. There you go. Alright, hold on. Thank you. First one. Hi, neighbors.
Okay, I got a couple questions here.

Chairman Kingston: If you could just please state your name and address for the record.

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Barb Stark, 11115 Chippewa Road, and in fact, on that chart, I'm the third one and the yellow on the top. One of my questions is, across the street from me, the 11000 and the 11112 It looks gray. How come they're not tying it?

Engineer Wise: That is part of Glen Valley. They're already tied in. Again, Glenn Valley has a private system. It comes all the way.

Barb Stark: No, is it a sewer or is it septic?

Engineer Wise: No, it's a sewer system. It comes around to that pump station and then gets pumped out. So, they are already connected. The Board of Health monitors all, what we've done is we've gone to records from the Board of Health, Board of Health monitors all the septic systems.

Barb Stark: So, we are giving a connection to everyone with a septic system. Okay. Because you know the other thing you had on your one chart, you had a pump station removal of three hundred thousand. Is that the one on Glen? Is that the one for Glenn Valley?

Engineer Wise: It is a pump station removal and what that chart was saying is that the County, it's already there. It's in place. It's operated. No, it's operated by the city of Brecksville, County on our behalf. The county maintains it for us, but what the county has done is they have offered \$300,000 for the elimination that pump station that we get to utilize for the project because they feel that will be a long-term benefit for the County and the city.

Barb Stark: Right, because you're tying Calvin Drives sewers into that pump station, yes or no?

Engineer Wise: No, the Glen Valley, the pump station is there today. It runs. It pumps from the end of Glen Valley. It services Glen Valley. It pumps from Glen Valley, Cross Country II, Chippewa Road, and then it ties into the last mantle right there at the end of Emerald Woods. So, this It goes kind of right across the open space, the wooded area for the Glen Valley Homeowner Association.

Barb Stark: So, why are you having the sewers on Calvin tie into the pump station then?

Engineer Wise: It allows it, there's plans. I don't remember what year, it predates me, but I saw the plans. Glen Valley at one point was required to put the pump station in. Once they put it in, Per City Standards, the city accepted the pump station and then the City has maintained it since. City and the County has maintained it since. What we're doing now which we've done in other areas of the city, pump stations again, being a mechanical device, requiring tons of maintenance, we're eliminating it. Again, it's just a betterment. Gravity sewer is still the best way to go and that's a betterment to the system.

Barb Stark: Okay. Now, the other question I have is, you said, everybody on the north side, that's where you're going to run the sewers and the and sanitary, is that correct?

Engineer Wise: Yes, I mean, we're going to flip to a slide real quick. That one, that, go back to one. That's on her there. She's here? No, it's one more.

Barb Stark: That's me right there.

Engineer Wise: Okay. First one, she's right on two slide. Yeah. Yeah. So, yes. This storm sewer, you have a storm sewer out in your front yard right now. So, we're going to essentially replace that and almost identical location and then, the sanitary sewer right in the edge of the pavement right now today where it has that like the one side has a curve and the other side has that wider berm.

Barb Stark: Uh huh. The sanitary sewer is going to be right underneath that. So, the sidewalk that you put in a couple years ago. We run a what You're going to turn up the sidewalk pieces.

Engineer Wise: The sidewalk will stay except where we cross it with your connections and we will take out whatever amount of slabs we need to put two connections across and then replace them.

Barb Stark: Okay. So, you don't have to take the sidewalk out.

Engineer Wise: Not the entire sidewalk, no.

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Barb Stark: Okay. I know I got other questions. When you did Emerald Woods. Yeah, that's a down away. Mm hmm. That was done you said 10 years ago. And you tied in a couple. Emerald Woods.

Engineer Wise: We didn't do Emerald Woods. This City did not do Emerald Woods. The developer who built the subdivision, constructed Emerald Woods.

Barb Stark: Okay, that makes sense then. I was just going to say, how come we weren't done at that time? And there's no way this funding can be held off, right?

Engineer Wise: No, this funding, we have already been given notice that we need to use this funding this in 2022.

Barb Stark: So now, you're going to assess us in the beginning.

Engineer Wise: No, you will not be assessed in the beginning. You will be given a notification of the assessment. You will not be given an assessment until the project is completely finalized and then, it will, it will be finalized. When I say finalize, the contractor will be released. The sewer would have been inspected, tested, and then, you will then, at that point, it's accepted by the City and at that point, we estimate all cost into the project and the City also reviews it. They determine if they hold their original shared, adjuster shared depending on whatever the budgets are and then, at that point, a final assessment will be determined and issued.

Barb Stark: What are you considering for delays? Because under our current administration we have now, we have inflation that's sky rocketed. So, things are going to be triple.

Engineer Wise: There's, do they have the employee process. No, they have the employees. The so but then as far as your supply, that would probably be a more pertinent. Right now, sometimes getting some limited sizes of PVC, eight-inch PVC being one of them is difficult to do. The one advantage to the way this project will probably have to progress is the contractor will bid it. He might not be able to get all his supplies at once. However, the fact that he has to move in zones throughout the project. It allows him to take staged deliveries. It's not that they're not getting it. It's just a little bit delayed. So, as long as the contractor places his order, this project, it might actually progress in a logical manner that even if it was delayed, it will then, as he moves up, he's going to have to like start down at Riverview. He'll run sanitary. They'll run storm sewer. They'll run connections. They have to then drop back because there's no way around it. We have to re the payment because we have to, I cannot on State Route 82, leave gravel to the surface and have traffic on it. We will then pave it, concrete, cap it, and then the zone will move up. So, then, he can, during that time period, we have to drop back, redo driveways due to street replacement. Whatever time period that takes, he has the ability to get additional delivery of materials, manholes, and things like that.

Barb Stark: Okay. Well, see, 25 years ago when I came back into the City because I graduated from here. There was rumor going around that this was going to take place 25 years ago and at that time, Jeez Yeah, well. But oh, 25 years ago, I was told that the average homeowner would be assessed around \$10,000. Do you have a figure about approximately how much or is every month going to be assessed?

Engineer Wise: Nothing I can release because it's not a figure that I can, I have the ability to release. It will be something that will be presented. The Mayor and I will present at the City Council will evaluate it, look at the funding.

Barb Stark: So, you can't even ballpark it right now.

Engineer Wise: It's not that I can't. I'm just I'm not going to.

Barb Stark: Because it'll scare us.

Engineer Wise: No, I mean, no, it's not going to scare. Yeah, I mean, I'm sure, I'm sure people won't like it but it, I mean, it is what it is. I mean, it is the assessment, Riverview Road, same thing. People didn't like the assessment. No and it was delayed and I was told that their assessment came up pretty high but I

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heard you discussing the front. It wasn't delayed. These final assessment was less than the original preliminary assessment. It was. Well, there was delays in getting it completed. It was definitely the contractor struggle with the soils and so. I heard took longer but in all honesty, the bid on that one versus the there's an estimate that's put out, the bid that came in was ridiculously lower than the estimate that was used. There happen to be two contractors that bid that job. Very, very aggressive. Again, we are coming off of at that time that project was bid in 2010, awarded right around there, constructing eleven. We're coming out of 2008, 2009. The economy was terrible and contractors were very aggressive in the way they bid that.

Barb Stark: Well, I hope they're aggressive now.

Pat Hallock: I own the 12106 Chippewa which is the smallest property that's involved in this development and my question is, is my assessment going to be the same as properties that are two, three sizes bigger than mine?

Engineer Wise: Your assessment will be the same as any individual house on the project.

Pat Hallock: Yes. So, it's not going to make a difference that I'm the tiniest one of there. Oh Wonderful. Well, that stopped me. Okay, thank you.

Koepke: I'm sorry. How many homes are in this assessment? Again, there, I can't tell you that. Or properties.

Engineer Wise: There's around 73 but it's going to, the number will fluctuate because those are 73 residential equivalents. We have to still evaluate on a few of the lots whether or not the frontage is excessive. It's excessive. They then will turn into two lots. The commercial facilities. Uh that will then be broken down into equivalents so that number could go from 73 to 75 to possibly 77. So that number will fluctuate depending on the commercial equivalents and if any of the properties determine that they get two benefits.

Koepke: Thank you.

Hi, my name is Steve Biddell and I'm at 11608. You gave a date I think of November 15th when you had the projected time frame and it was a letter for the letter was for connection okay or so. My question is, you're providing us a connection. We are responsible from the connection to our house?

Engineer Wise: Yes.

Biddell: Besides the assessment.

Engineer Wise: Yes.

Biddell: Okay. Now, that's my question

My name is Charles Evans. 1280 Chippewa. I have just a general question. How from the existing roadway now, how far into our property will the trench be made?

Engineer Wise: Which one?

Evans: Approximately.

Engineer Wise: I mean, it's in the right of way. So, into your property.

Evans: Well, into what is my grassy area. I want to try to landscaping.

Engineer Wise: So, I mean, looking at this on this, I obviously, I can't scale anything today but off the edge of payment fifteen, 15 feet or so. I mean, that's guessing.

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Evans: So, if I have hedges all across that within that 15 feet, you're all going to come down, right? Wise: Yeah. That kind of, when the surveyors went out, what we do is we locate the edge so that kind of like the squiggle line would be the edge of where they thought the hedges were.

Wise: So, the two connections right there, we try to group them because of that. We try to group them together. And there's other areas like people have trees and things like that where you try to miss. Sometimes, the trees are unavoidable. We can't miss them or even if we do, we're bringing a sewer through. We'll be completely destroying the roots on one side. So, we try to take the entire tree but on yours, we try to group them a little bit tighter. Assuming that you're going to then connect bring them through in this location but somewhere on yours, you're right. You have hedges, you're going to have to bring it through. Okay. well, I was just wondering if the whole hedge would be. No, we're staying. We're staying out in front of it. Again, I'd like to sit there and say .the contractor won't damage any tree, any tree limb, or anything like that. they are going to bring in equipment that's big. It's going to hit limbs on trees that weren't were outside of the project limits. We will have notes in the plans. I mean, if it totally damages a tree that's outside the project limits, there's provisions plan about replacement but otherwise like if it damages limbs and things like that, there's notes about trimming the tree, limbs, cutting things back. I mean, again, your equipment is large and we do have to accommodate it.

Evans: Okay, I'm not concerned about losing the hedges. Frank, I just wanted to know. Yeah. Whether or not to be gone. Yes. The other thing is the tie-in points that is flexible to some extent.

Yes. Okay. And we'll handle that when we get a little bit closer to construction. We get closer construction, we'll put the markers out there and then, we will work with you like one on one to see if there's a way that we can relocate it. Now, again, there are there are reasons why some of them are located where they are. So, within limit, if it's something we can relocate, we would. Evans: Okay. And if there are other specific questions I might have, who is it that I get to talk to? Wise: It would, it would come to me. Mayor, do you want all questions to go through info at Brecksville Ohio.

Yes. Alright. So, all questions will go through

Mayor Hruby: Well, if they're going to Email it, yes, through info@brecksville@oh.us. If you want to call or phone, yeah. Call City Hall 440-526-4351 .And just tell the receptionist what you want and provide your phone number and someone will call you back.

Oh, okay. Alright, I'll do it that way. Thank you very much.

Hi, my name is Mike George. I'm at 12414 Calvin Dr. and my question is regarding the storm sewers. I know there are some houses on Calvin that you indicated would not have a storm sewer tying connection because they drain off the back of the property.

Engineer Wise: Yes.

Mike George: Will there be a different assessment for those homeowners?

Engineer Wise: Storm sewer, it is being funded separately. It's not included in the assessment.

Okay, thank you.

Councilmember Koepke: Gerry, I have another question. Industry standards for colors when people start to see these markers in their front. Is there an industry standard for the color for sanitary versus storm versus anything else they're going to see?

Engineer Wise: There is since we're doing sanitary and storm, we'll probably have markers and we'll write sand or as we'll write SAN for sanitary and storm and then if we do, if our surveyors put ribbon, we're going to use either green. We're going to definitely, going to use the green and but in any letter we send out will designate whether or not the green was associated with the storm or the sanitary and then the other ribbons we have are pink and orange and if we use those, we'll designate that as such but the marker,

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here'll be a physical wooden marker in the yard that will say sanitary and storm or sanitary connection, storm connection.

Koepke: Thank you.

Hi, Pat Vesco, 12703 Chippewa Road. I was wondering for the storm you had said there were some houses that didn't have to do it because they had the proper drainage. Is it possible to opt out of that if you think you have proper drainage to show you that so that you don't have to pay the monthly fee?

Engineer Wise: The way that the county does this storm assessments is every single property gets a storm sewer assessment and again, this is at the county and storm sewer assessments are run. We already have them on our taxes and they're done by front footage. They're on, they usually show up as special assessment on the bottom of your tax duplicate. So, every single person gets a storm assessment that's already there. Sanitary assessments are put on there. These are maintenance assessments. They're put on there to anyone who has a sanitary connection or even if you didn't connect, the sanitary across of your frontage. So, After that happens, that would be onto your property after you get a sanitary. So, that you cannot opt out of this, the sanitary or the storm. So, to answer your question.

Vesco: Okay, thank you.

Hello, there. My name is Rene Becker and I live at 12222 Calvin. So, and what I was wondering is what is the size of the storm and the sanitary sewers that you're putting in?

Engineer Wise: Sanitary sewer is eight inch. Which again, that's the industry standard, sanitary sewer, sanitary sewer at minimum grade and we're above that in some locations can handle around 250, 270 homes Storm Sewer that's it fluctuates on State Route 82. It's larger. We have it as all the way. It starts at the one end. It goes from 12 inch or possibly I don't know if our first run was a fifteen. Start at twelve and it goes all the way up to 36. On Calvin, we have it down as a bunch of twelve inch sewer and again, Calvin, we're kind of limited on the fact that the outlets, there there's very limited outlets on Calvin. So, we do have it. Let's see if this go.

So, it's 12 inch. What was your address?

Becker: Oh, I'm all the way down close to Glen Valley. I'm just, I'm looking at it from the perspective of there's people in Brecksville whose basement's flood currently and will this upgrade alleviate that?

Engineer Wise: I mean, right now, what you have out there, you're in there. I know where you're at now. I I think you have like either a four or six-inch little sewer in front of your house and we're putting in a 12-inch sewer and then taking it back the other direction. Right now, the sewer system on Calvin.

Becker: Well, I'm not worried about that. Okay. What I'm thinking about is, what I'm thinking about is, the guy up in the corner there, he's tying into a 12-inch pipe on Calvin in 82 and he floods, okay? The one that you've been to the house of multiple times. So, and he has a six-inch pipe running into that existing storm sewer and so, the question is, are you upgrading that?

Engineer Wise: Yeah, we are upgrading that and again, that one's a little bit different. He's running into, like again. emphasize a 1935 era's sewer. Mm hmm. It's vitrified clay pipe. We've had the county out there jetting it. It has a lot of calcification side of it, root structure that grows in there. So, we are putting in a modern sewer system. It will function a hundred time better than that. Right and Becker: so, that's why I'm wondering there's people in Brecksville who flood when there's heavy rains and I've seen the storm sewer on SR 82 where the water is shooting out of the manhole cover. So, and what my question is that, are you sizing it large enough to handle Wise: the sizing that we used was a 10-year design storm and that is industry standard for sizing the storms are.

Becker: Okay. And the other thing I want to know is what is the depth of the sanitary sewer? Sanitary lines and storm lines.

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Engineer Wise: Are you talking about the depth in the, I mean we have the profiles but are you asking if it's deep enough to service your basements?

Becker: Well, yeah. So, my pipe exits the backside of the house. 7 feet below grade. So, the question is that, you know, obviously, it has to go downhill when it leaves the backside of my house and comes around. I can't go through the front because I have, you, you know, water utilities in the basement, washer, dryer, toilet, etcetera. So, I'm underground.

Engineer Wise: So, I'm, there's this, this is at the end of the street. The so what we've done is we've made, we shot everyone's first floor. Is that the address right there?

Becker: Is it?

Engineer Wise: So, if there are only a couple, I mean, did we mark on that one? is there's was like only as a few that we couldn't reach the basement, I think. But there are a few that I didn't, you might be right there and I could check this afterwards. That the sewer system. So, that is the bottom of the bottom of footer. What we've done is we shot your first four elevation, surveyors physically took the shot. We then made an assumption of a basement depth, a typical it's deeper than what would be like a traditional older basement but and we made an assumption in your basement elevation and then set the sewer below that at. Some of these right at the end and that your location that we're speaking would be the tightest location on the entire project. Mm hmm. but we can we can double check that and with you and verify what it is and again, if we want to be even more precise as we move forward, we can try to get a verification from you like from your first floor down to your basement floor and then that we'll be able to adjust where we're showing right now as your core elevation.

Becker: Well, I mean, the thing is I measured it because I have a T connector behind the house and I just dropped the tape measure down into there and it's seven feet from the level ground. The base of the inside of the pipe. So. Yeah. Okay. Well, so that was my question as to the depths of the sanitary sewer because obviously, I have to go downhill, you know? Yes. And there's going to be some sort of backflow preventer, right.

Engineer Wise: No. No. No.

Becker: So, what's to prevent it from backing up into my house?

Engineer Wise: I mean, on a new traditional sewer, it's running at a grade that is typically suitable for that not to happen. Am I going to say that can never possibly happen? It occasionally happens but for the most rear of sewers all over Brecksville and the backups that we occur, the county's out there jetting on a regular basis. The sewers are videoed on a regular basis. I mean, these are maintained. So, but if it's going to back up, if you're going to ask me to say, it's never going to back up. I can't say that but the likelihood is low. Right. Well, I mean, I don't know what to say. I have a sewer. I have a connection in my house. Everyone has everyone who has a sanitary connection has a connection to your house. I don't know like there's no guarantee say the connection will never back up. Most time when it does happen, it happens on your own lateral. Mayor Hruby: And most of the time, the reason they back up is because they're, the storm sewer is also tied into the sanitary, which it shouldn't be. There's a cross connection. We find that more often than not. So, you supercharge the sanitary line with storm water.

Becker: Well, I mean, I understand that. I mean, my current, the way my house is currently set up, they're split. So, but nevertheless, I'm still concerned about having, you know, a backup coming into the house. Whereas, right now, I don't have that. I'm not saying I want to keep the system. All I'm saying is that what type of safeguards.

Engineer Wise: I mean, on your end, if that's something that you want to entertain when you connected a sewer, you could work with the building department to whatever legal limits there are is put that on your

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individual connection. It will not be put on the street, on the city side, which would be from the clean out, the main, and obviously up the clean out. Okay.

Becker: Alright. So, and then the final question which I asked earlier was that the people who are currently flooding when there's heavy rains, are they going to benefit from the upgrade on eighty-two?

Engineer Wise: If it's along, Calvin does not tie into eighty-two as far as the storm sewer. The one that I reference was at the corner. His connection does go straight out to SR (82) eighty-two. So, yes, there will be a benefit to it. There is but if again, there is one other house on SR 82 that I have visited over the years at floods on a regular basis because driveways downhill of State Route eighty-two. This project does not change the fact that their driveway runs downhill into the garage. It does not change that. I mean, we've improved the capacity of sewer. We've added inlets throughout the project. Will it decrease that possibly? Yes. Will you eliminate that possibility? No. I mean, the only thing that's going to eliminate that is removing that lower level. Becker: Okay. So, so what you're saying is just so I'm understanding is that this upgrade really only affects specific homes on SR 82 and Calvin and that it doesn't affect any surrounding areas because nobody else is tying into that

Engineer Wise: No. This this this sewer system goes from.

Stewart, the storm.

Engineer Wise: The storm system on SR 82 will run from where we started just shy of Weise Road. We'll run down State Route 82, turn on the Riverview, and then discharge into the Metro Parks. Then on Calvin, the sewer system, it runs, it, there is an existing sewer outfall that discharges out the back. It will tie into that and discharge in that same location it goes today.

Now, which brings me to my final question is that I know they did work on Calvin and there's like some storm sewer that's been put in in between the first and second house, the first house where you had been to. You're saying from the.

Yeah, in spite of the pond there, there's some sort of a storm sewer. Now, well, will that go away or will that also be replaced?

Engineer Wise: The sewer that leaves. Storm. The storm sewer that leaves the street, it goes between the houses, is staying in place.

Becker: Oh, it's because the guy, second house there on the end his basement floods also. When there's heavy rains. And so that's the reason why they put that extra storm system in there. Okay. Thank you very much for your hard work.

Kingston: Gerry. Did you say you'd stick around for a few minutes if people have specific questions on their property?

Engineer Wise :Yes. After the meeting. You asked them to sign in?

Kingston: Yeah. Actually, one last housekeeping item before we adjourn. I'll make sure we have no more questions because everyone, please sign in on the sign in sheet on their way out. It's on the table out there just for just for the record. We still know the question. Go ahead, sir.

Yeah, hi. I'm Chris Wolf. I'm at 12204 Chippewa. Similar to Renee's question about the depth of the sanitary sewer. I was wondering about the depth of the storm sewer and whether it would be deep enough to possibly eliminate sump pumps in basements.

Engineer Wise: We go to it. I mean, we try to because again, running the two new sewers, they're basically at the same, we try to match the crowns for the most part, the crown being the top of the sewer so that the laterals can actually cross over each other. So, yes, in general but we can get to your specific house here. And Actually, what, do you say your address was?

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12204, That's it.

Engineer Wise: Oh, in that house that I, yeah, yeah, you've been there before that. Okay. Yup. so, yeah, we're bringing it across, and please zoom in there. Yes, so we are below our intent is so that you can, if you do a sump, we're going to service it. We will provide a connection that is suitable to service the basement. We did the same thing. We didn't do sanitary or storm on Riverview Road but we did the same thing with the sanitary and then whether or not some of the residents, my recommendation is everyone takes it as low as they can underneath the footer services basement but ultimately, when it gets extended from the city system to your private home, that is up to you. Yup. Some people choose to shout up and save a few dollars on connection. I truly don't believe that's something that's worth it but. Okay. Because we are leaving it low to serve your basement.

Wolf: Awesome. Thanks. My other question was about when you mentioned if if you hit it, hit a home run with the roadway project. Yes. With the money and having to widen the road to three lanes. Like what kind of encroachment are we looking at on our properties then?

Engineer Wise: And haven't worked through it in detail yet but what we have out there right now is the way the was constructed when I was reviewing old road plans is obviously on your side, you have the formal curb. There used to be a formal curb on the other side. Soon after the project was constructed, they came back. I can't even understand why. This is back ODOT plans from again early 1900s. Cut the curve off, added on that piece. So, we have part of a lane. So, we already have part of a lane out there. So, really what we're doing is we need to and I'm not saying going one way or another that will have to be worked out but we somehow need to add another, if we were going to widen out the three lanes, somehow, we have to figure out how to get another six to eight feet of pavement and balance that between, there's a lot of other things to look at too. For instance, utility poles, other things. So, haven't, we haven't looked at that. It would be something that we would look forward to. What we've done is we've come up with preliminary estimates and to the best of our ability, thrown money at like some utility relocation, adding lanes, doing things like that, and then came up with that preliminary number and the contingency, increase the number, and put in for the federal hopefully getting the federal grant.

Wolf: Okay. So. Thanks. Appreciate it. Yes, yes.

Yeah. Hi, I'm Mike Sweet. I'm speaking on behalf of the owner Ray Zach at 12324 Chippewa. Couple questions I think they're pretty easy. So, if you elect to put the assessment on property taxes, I'm assuming if you sold the house, it would just go to the new owner.

Law Director Matty: Yes, correct.

Okay. Also, when you hook up, your house to the T, that's provided. You're basically in effect by-passing your septic system.

Wise: You will be. Some questions for the Board of Health. They've been hiding in the corner.

Sweet: So, you know, assuming you run a new line from the house to the T, you're basically in effect decommissioning your septic.

Board of Health: So, the question is, do you, do you have to do anything with that septic tank like remove it or fill it or. You are required by code to abandon the septic tank and then under certain circumstances, it could be filled with an inert material. If it's under say like a patio or something like that but in 99% of cases it needs to be crushed and abandoned and backfilled. Crushed. Okay. I just wanted to add some things while that sounds a little bit scary. The contractor who's doing the work is actually going to go ahead and run a new line from the foundation of your home out to that sewer tie in to that tee. They're going to go right by your septic system. So, the same person who's doing that work has a pumper who comes out and pumps it. They dig it up, they crush it down. They fill it with an inert material. Soil that's

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around it. They just move on. It's all part of the deal. It's part of the bid that they do with you. You don't have to get a separate person. So it's actually not as invasive as it as it sounds.

Sweet: And I'm assuming all that work has to be permitted.

Board of Health: There is a permit that you have to take out with us. (Board of Health) And we come and make sure that that's done so that you're not leaving a tank on your property that could collapse. You know be it cause pollution. Be a danger to a child passing by. You know whatever the case be. Okay, thank you.

Resident: Your neighbor's septic tank. Septic. Yeah. It is in your driveway.

Board of Health: That's, we can talk about that on an individual basis.

Yup, that's going to be an individual discussion after the group discussion, okay?

Roger Ruiz 12157 Calvin Drive. Uh my question is I'm butt up right to Glen Valley HOA and portion of my yard becomes a lake when it rains. Will, this storm drainage be able to handle that. So, it's behind the house. It's just.

Engineer Wise: You're saying where the lake is in the back of your house? Backyard. No, not the sewer system that we're adding. We will add a catch basin in the front of your house but that we're not doing anything that the city is not putting any kind of structure that's extending to you're the rear your house.

Ruiz: Okay. No, I just wondered if it would help. Thank you.

Hello, Judy George 12414 Calvin Drive. So, this is for these folks over here. My septic is in the backyard.

There's nothing on top of it. It's just underground, not by any trees. And it drains

out the back into the park. So, and speaking with Gerry, couple of months ago, we wanted to do our connection in front of the house. So, how is it then crushed? When the connection is in the front of the house and the septic is in the back.

Board of Health :So, what happens is, you know, again, that contractor is going to be on site. They're going to have a backhoe. They're going to go ahead and run your connection. They'll just come around the back. We may have a drawing of your system. I have to look that up to see you probably know the location. You've got a lid. They're just going to drive the backhoe over there. They're going to scrape off the top a little bit, break down a sidewalk, punch through the bottom, cover it up and that's it pretty much. It's, you know, even though it's not in the same location, they're just, they'll just drive around and just do it and if it's an older system too and way in the back, it probably won't take much to eliminate it. So, they'll just do that and make sure they fill it over so that nothing erodes away and that's that, you're ready to go.

George: Okay, thank you. Yeah. And thank you very much for your time this evening because I greatly appreciate it.

Kingston: Alright. Well, I think that's about it. Thank you everyone for coming. With that, I move to adjourn the Special Utilities meeting at 8:40 PM.

Second Koepke.

2-Ayes, 0-Nays.

Motion to Adjourn 8:40 PM

Motion made by Kingston, Seconded by Koepke.

Voting Yea: Kingston, Koepke

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Mayor and Safety Director: Jerry N. Hruby,

City Council Members: Michael T. Harwood, *President*; Laura C. Redinger, *Vice President*; Louis N. Carouse, Jr.; Dominic Caruso; Daryl Kingston; Ann Koepke; Kimberly A. Veras

Clerk: Tammy Tabor