

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

STATE OF MICHIGAN
COUNTY OF OTTAWA

IN RE: PERRY RIDGE ESTATES DRAIN
BOARD OF DETERMINATION

Proceedings commenced at 10:00 a.m., on Thursday,
January 18, 2018, at the Holland Charter Township, 353 North
120th Avenue, Holland, Michigan, held before Marjorie A.
Covey, CSR-2616, Certified Shorthand Reporter and Notary
Public.

APPEARANCES:

- Mr. Joe Bush, Ottawa County Water Resources Commissioner
- Ms. Jennifer Vandenberg, Secretary to Water Resources Comm.

- Mr. Bill Cargo, Board Chairman
- Ms. Peggy Weick, Board Secretary
- Mr. Larry Bruursema, Board Member

- Mr. Don Komejan, Manager, Holland Charter Township

- Mr. Ken Bosma, P.E., Engineer, Prein & Newhof
- Mr. Lucas Timmer, P.E., Engineer, Prein & Newhof

- Mr. Jerry Olman, Ottawa County Road Commission

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

Holland, Michigan

January 18, 2018 - 10:00 a.m.

PROCEEDINGS

WATER RESOURCES COMM. JOE BUSH: Good morning, everyone. Welcome to Holland Township for the Board of Determination for the Perry Ridge Estates, which was a petition that I received from Holland Township.

And the reason we got a petition is because Holland Township is on this mission to establish a lot of the orphan drains, and that's the reason why we're here this morning is it's part of the process per Drain Code.

And per Drain Code, you have to have a public hearing so people can have testimony whether to give comments on whether they see this being a benefit or not or why we're doing it. So that's why we're here this morning, so welcome. I appreciate you taking the time this morning.

Some people say, why do you have it in the morning? Why not at night? Well this is about the outcome I have at night too because people complain about supper or we have sporting events, or homework. We're just too busy, Joe, so have it in the morning. So I try to make them in the morning to be consistent.

So I do appreciate your time. Again this is an orphan, which nobody owns it. The township doesn't own it, the county doesn't own it, and the road commission don't own

1 it. So really nobody owns it.

2 It's a system put in years ago. And in today's
3 standards we would not allow that without any agreements, and
4 there is a whole another process in the development
5 standard -- we don't have BODs on orphan drains any longer.
6 So these are ones that were prior to that time frame.

7 So again, I'm the Water Resources Commissioner,
8 also known as the drain commissioner, and this is just a
9 little piece of the big puzzle of what my job details, and
10 this is all per Drain Code.

11 So it's all state law and this is recorded to have
12 a public hearing.

13 So in that public hearing there will be time for
14 public testimony. Everything is court recorded. Margie is
15 here and every word is court recorded. And it's on my
16 website, usually about four to six, maybe eight weeks later,
17 after today, it will be on my website at MIOttawa.org. Just
18 click on Water Resources Commissioner, there will be a link
19 on there and you can click on all the past BODs, the Board of
20 Determinations, and all the minutes if you want to read them.
21 And this will be on there too.

22 Is it required to have a court recorder? No. I do
23 it for your benefit, our benefit, so everything is word for
24 word.

25 And if you have questions, you can always go back

1 and read it, or what did I say then? You can go back and
2 read it, which is handy for me and for you.

3 As of right now there is no issues in Perry Ridge.
4 We haven't really had any complaints. It's just -- this is
5 just the legal process to get it under my jurisdiction for
6 future maintenance in the future. If you have a collapse,
7 you can always call our office and we will go fix it.

8 In the past you call somebody, they'll say, sorry,
9 it's an orphan. And the township had probably a hundred of
10 these at one time. We're having a lot of these public
11 hearings to establish them, because some of them do have
12 issues and some of them do not. So that's why we're here
13 today.

14 I'll quickly do introductions. We've got Jen,
15 she's my secretary who signed you in. And she answers the
16 phones or takes care of a lot of the concerns or comments if
17 you call.

18 We have Don Komejan, he's your township manager.
19 He's the one that's kind of been going through a list and
20 we've been prioritizing which ones are top priority and
21 working our way down trying to get these orphan drains
22 established. And they're in every township, every township
23 has orphan drains. We've been doing a lot in Park,
24 Georgetown, but mostly Holland has been very proactive trying
25 to get all these orphan drains under the county jurisdiction

1 so we can have some kind of mechanism and somebody to call if
2 there is flooding concerns or with the aging types of
3 infrastructure that is starting to need replacing, you can
4 always call me and we'll put it out for bid and we'll get it
5 taken care of, that's our job.

6 So again, Don Komejan has done a great job of
7 trying to get this organized and having all the petitions
8 come in and putting these meetings together so we can move
9 forward.

10 Then we have Jerry Olman, he's from the road
11 commission. He participates in all these orphans and all of
12 the Board of Determinations, so they always have a
13 representative from the road commission.

14 And then Ken Bosma, he is the engineer. He's been
15 doing a lot of these, so they have a good understanding of
16 Holland Township as a whole. And he does a lot of drainage
17 work, his firm does a lot of drainage work for us.

18 We have Lucas Timmer, he's probably the one doing
19 the presentation today, as well as he's been understanding
20 these orphan drains very well.

21 So he's been going out, they do a snapshot of
22 what's going on currently and do the drain district, and
23 they'll talk later on his presentation on what he's seeing
24 out there and what he's doing; and the district, again, if
25 you have any questions on that.

1 And then we have Margie, again, she's our court
2 recorder. She does these for me. It's not required by law,
3 but I do it for the protection of everybody who talks for
4 future reference.

5 Then we have my three-panel board, this lady and
6 these two gentlemen are appointed by me. They have no
7 affiliation with Perry Ridge or Holland Township.

8 I usually appoint these people who are those people
9 who actually have drainage experience. They know Drain Code.
10 They're either past or former Farm Bureau members, farmers,
11 township managers, township supervisors, road commission
12 engineers, but I'll introduce these.

13 From your left going to the right towards me we
14 have Larry Bruursma. And then we have Bill Cargo. Bill
15 Cargo might be chairing this particular BOD and he is the
16 township manager at Grand Haven, so he understands drainage
17 and Drain Code. And then we have Peggy Weick.

18 And they've been on boards before, so they do
19 understand what the process is per Drain Code.

20 They make the determination to move forward. Once
21 I give them the oath, this Board makes the choices and it's
22 their decision, and you'll see when we go through the agenda,
23 they're the ones that move forward and have me -- well,
24 today, we don't know of anything yet until you give public
25 testimony.

1 By the way, if you do speak, please speak loudly
2 for Margie and give your name and address when you do come up
3 to the podium if you have any comments or anything, if you
4 should be in the district or should not, or you've got
5 issues.

6 Sometimes we hear about issues today that we didn't
7 know about before. So that's why we do public comment too
8 is, oh, we didn't know, nobody called in.

9 So if you have an issue or you think it could be an
10 issue, please let us know. We're more than happy to go out
11 and investigate. Because if you don't tell us -- I have over
12 a thousand drains, and it's hard to keep track with one
13 person and a limited staff on all these drain issues.

14 So if you do know of something, or, hey, my
15 neighbor has a plugged culvert or back yard drain isn't
16 flowing or anything, please let us know.

17 Again, back to this three-panel board, they will
18 actually make a decision with their motions and their -- if
19 they have any questions for me or the engineer, they'll ask
20 us.

21 So please, they'll be running the meeting after I
22 give them the oath, and then anything to follow up on that,
23 I'm more than happy to answer questions based on their
24 comments.

25 So please rise and raise your right hand.

1 Do each of you solemnly swear to faithfully perform
2 and discharge the duties imposed upon you as members of the
3 Board of Determination, appointed by the Water Resources
4 Commissioner of Ottawa County to determine the necessity of
5 drainage improvements on a certain drain to be known and
6 designated as Perry Ridge Estates Drain, in the Township of
7 Holland in said county, as required by law?

8 BOARD MEMBER BILL CARGO: I do.

9 BOARD MEMBER LARRY BRUURSEMA: I do.

10 BOARD MEMBER PEGGY WEICK: I do.

11 WATER RESOURCES COMM. JOE BUSH: Thank you.

12 BOARD MEMBER BILL CARGO: Okay. The first thing we
13 need to do after the oath of office is the election of
14 secretary and chairperson.

15 So first of all do I have a motion to elect the
16 chairperson?

17 BOARD MEMBER PEGGY WEICK: I make a motion to elect
18 Bill Cargo.

19 BOARD MEMBER BILL CARGO: Do I have support for
20 that motion?

21 BOARD MEMBER LARRY BRUURSEMA: You have support.

22 BOARD MEMBER BILL CARGO: So we have a motion on
23 the table from Peggy, supported by Larry, to have me be the
24 chairperson for this Board of Determination meeting.

25 All in favor, say aye.

1 BOARD MEMBER LARRY BRUURSEMA: Aye.

2 BOARD MEMBER BILL CARGO: Aye.

3 BOARD MEMBER PEGGY WEICK: Aye.

4 BOARD MEMBER BILL CARGO: Any opposition?

5 And we don't.

6 BOARD CHAIRMAN BILL CARGO: Then I'm going to make
7 a motion that Peggy act as the secretary. She has agreed to
8 do that, take on those responsibilities.

9 Is there support?

10 BOARD MEMBER LARRY BRUURSEMA: I'll support that.

11 BOARD CHAIRMAN BILL CARGO: So again we have a
12 motion on the table with support for Peggy to be the
13 secretary for this Board of Determination.

14 All in favor, say aye.

15 BOARD MEMBER LARRY BRUURSEMA: Aye.

16 BOARD CHAIRMAN BILL CARGO: Aye.

17 BOARD MEMBER PEGGY WEICK: Aye.

18 BOARD CHAIRMAN BILL CARGO: And there is no
19 opposition. So without comment, we'll move forward on that.

20 Now under the rules of public comment we typically
21 try to limit it because you can summarize the entire book of
22 War and Peace in three minutes. So we try to limit the
23 actual public comments to three minutes per person.

24 I do have some flexibility because it's so few
25 people in the audience. But do I have a motion to limit

1 public comment to three minutes per person?

2 BOARD SECRETARY PEGGY WEICK: I make a motion to
3 limit.

4 BOARD MEMBER LARRY BRUURSEMA: I support that.

5 BOARD CHAIRMAN BILL CARGO: We have a motion on the
6 table by Peggy, supported by Larry to limit public comments
7 to three minutes.

8 Any comments?

9 All in favor, say aye.

10 BOARD MEMBER LARRY BRUURSEMA: Aye.

11 BOARD CHAIRMAN BILL CARGO: Aye.

12 BOARD SECRETARY PEGGY WEICK: Aye.

13 BOARD CHAIRMAN BILL CARGO: And opposed?

14 So we'll move forward on that.

15 Now we always start these public hearings with the
16 person who has made the petition for this, which in this case
17 is Holland Charter Township. And I know their superintendent
18 Don is here today.

19 Don, do you have any comments you'd like to make
20 about this petition for creating this district?

21 HOLLAND TOWNSHIP MANAGER DON KOMEJAN: I think Mr.
22 Bush and other comments that have already been made explain
23 quite well the fact that we're doing a proactive step here to
24 intentionally bring private/orphan drain systems into the
25 jurisdiction of the county, so that is the reason for the

1 petition.

2 It was approved by our Board, and submitted with
3 their approval for the reasons stated, proactive action to
4 put the process and the authority in place for future
5 maintenance.

6 BOARD CHAIRMAN BILL CARGO: And from what I
7 understand since 1999 Holland Charter Township requires these
8 drains to be part of the county drain system for all new
9 subdivisions and developments.

10 HOLLAND TOWNSHIP MANAGER DON KOMEJAN: Yes.

11 BOARD CHAIRMAN BILL CARGO: So this was an
12 oversight prior to your time.

13 HOLLAND TOWNSHIP MANAGER DON KOMEJAN: Yes.

14 BOARD CHAIRMAN BILL CARGO: And it's something that
15 right now, as I understand it, can you spend public money on
16 these orphan drains according to state law?

17 HOLLAND TOWNSHIP MANAGER DON KOMEJAN: Not from a
18 legal standpoint; but I'm going to tell you, when there is a
19 flooding situation, the county water resources commissioner
20 and the township usually try to find a way to assist with the
21 process. But this is the process that we need to authorize
22 it.

23 BOARD CHAIRMAN BILL CARGO: But even regardless
24 from what I understand, if it's brought under the public
25 realm of the county, if there is maintenance or if there is

1 major improvements that had to be made, the township would be
2 responsible for at least a portion, if not the entire cost?

3 HOLLAND TOWNSHIP MANAGER DON KOMEJAN: Correct.

4 BOARD CHAIRMAN BILL CARGO: Okay, thank you. I
5 appreciate that.

6 Peggy or Larry, do you have any questions of Don
7 here?

8 BOARD MEMBER LARRY BRUURSEMA: No, not at this
9 time.

10 BOARD SECRETARY PEGGY WEICK: Not at this time.

11 BOARD CHAIRMAN BILL CARGO: Okay. In that case I
12 will ask the engineer, I understand Lucas is going to be
13 giving a PowerPoint presentation.

14 Lucas, if you could do that now, I'd appreciate it.

15 ENGINEER LUCAS TIMMER: Thank you, Bill.

16 Once again my name is Lucas Timmer. I'm an
17 engineer with Prein & Newhof in Holland, and the drain we're
18 talking about today is the Perry Ridge Drain.

19 The Perry Ridge Drain is an existing storm water
20 drain system. It's an orphan system, so it lacks any
21 authorized local and county governmental jurisdiction, and
22 thus it doesn't have any administrative, procedural or
23 funding mechanisms to address current or future needs for
24 maintenance and improvements.

25 The Perry Ridge Drain was petitioned by Holland

1 Township on November 2, 2017 under Chapter 8 of the Michigan
2 Drain Code. Now Chapter 8 of the Michigan Drain Code relates
3 to the adding of branches or the extending of a county drain.
4 And as a part of this Michigan Drain Code we are required to
5 have a Board of Determination meeting where we have three
6 members who vote whether it's necessary to establish this as
7 a county drain or not.

8 So there are six plats that are part of the Perry
9 Ridge Drain. We've got Perry Ridge Estates, which was
10 constructed in 1995. We have Perry Ridge Estates Number Two,
11 constructed in 1995 as well. We have Number Three and Four,
12 which were constructed in '97 and '99. We also have the
13 Smidderks Subdivision, which was constructed in 1947; and
14 Southland Acres Number One, which was constructed in 1965.

15 A lot of these orphan systems throughout the
16 township, if they were constructed before the mid '90s in
17 plats, they were not established as a county drain. But
18 since the mid '90s, systems throughout the township and the
19 county have been formally established as a county drain
20 system. And this is established under Section 433, and it's
21 a part of constructing a plat.

22 So actually these two plats here, Number Three and
23 Number Four, had their storm water infrastructure formally
24 established as a county drain because they were after the mid
25 '90s when that establishment needed to occur. But the

1 systems before that were never formally established.

2 So here is our drainage district. This drainage
3 district is essentially a watershed. So all the runoff
4 within this district boundary contributes to the storm water
5 drain system.

6 As you can see this is Number Three and Four are
7 located right here. So the storm water infrastructure in
8 plats Number Three and Four were established as a county
9 drain (indicating). But all the infracture in Number One and
10 Two were not formally established, (indicating).

11 The way we determine this as a drainage district
12 boundary is we review how record plans are when the plat was
13 installed, or plat was constructed. So we review the storm
14 water plans, the sanitary plans, and the water main plans
15 just to see how that infrastructure was installed and see the
16 grading of the land.

17 We also review county GIS contours. We have
18 contour data for Holland Township that we're able to review
19 to see where high points are located and low points.

20 And then we also review an aerial, and this shows
21 the aerial of this drainage district boundary (indicating).

22 The blue lines in here are the proposed county
23 drain. This shows the storm water infrastructure, and also
24 you can notice at the south end of these plats there is a
25 pond that we are proposing to be a part of this drainage

1 district.

2 This existing storm water infrastructure, located
3 outside of the road right-of-way, is located within an
4 easement.

5 BOARD CHAIRMAN BILL CARGO: Could you go back? I
6 just have a question.

7 ENGINEER LUCAS TIMMER: Yes.

8 BOARD CHAIRMAN BILL CARGO: If you wouldn't mind.
9 More curiosity than anything else.

10 At the very southern end of this map you have lot
11 1296 called Wild Wind Gardens. Is that a one lot plat?

12 ENGINEER LUCAS TIMMER: That's what I'm aware of at
13 this time.

14 BOARD CHAIRMAN BILL CARGO: So there is one
15 additional plat called Wild Wind Gardens and that's just for
16 that one lot.

17 ENGINEER LUCAS TIMMER: Yes.

18 BOARD CHAIRMAN BILL CARGO: I appreciate it, thank
19 you.

20 UNKNOWN SPEAKER: Can I talk about that question?

21 BOARD CHAIRMAN BILL CARGO: During the public
22 comment you're allowed to ask questions and we'll refer them
23 to the engineer.

24 ENGINEER LUCAS TIMMER: So that's actually what
25 we're going to talk about now. After our presentation, we'll

1 have a public testimony which will give you time to discuss
2 any questions that you have about the drainage district
3 boundaries, the county drain, or if you know of any
4 maintenance issues.

5 At this stage we're not aware of any maintenance
6 issues with this county drain, we haven't heard of anything.

7 And then following public testimony, we'll have --
8 the Board will determine the necessity of the petition based
9 on the public health, welfare and/or convenience.

10 If this county drain is deemed necessary by the
11 Board, then the orphan system will become a county drain. If
12 issues are brought up about this drain during this meeting,
13 we may then have a project to fix these problems. Otherwise,
14 we don't have anything planned at this time.

15 In the future, down the road say ten years there is
16 an issue, a petition is needed then by the residents in the
17 county drain drainage district, or by the township, to
18 maintain the county drain. And if the project costs more
19 than 5,000 per maintenance mile, then there will need to be
20 another Board of Determination to be done.

21 An assessment for this county drain will be made by
22 Ottawa County, the road commission, the township and the
23 property owners within the drainage district. So those four
24 entities are going to share any sort of assessment that would
25 be needed on this drain.

1 Thank you.

2 ENGINEER KEN BOSMA: If I might just add to that,
3 Bill?

4 BOARD CHAIRMAN BILL CARGO: Sure.

5 Ken is with Prein & Newhof also.

6 Ken, do you have any comments?

7 ENGINEER KEN BOSMA: Yes. Just quickly on that
8 last statement there, that is only if there is a project that
9 occurs down the line, those assessments would be needed.

10 The process we're going through with the orphan
11 drain in this process is picked up at large by the township
12 for this. There would be no assessment to the property
13 owners, unless there is an issue.

14 Thank you.

15 BOARD CHAIRMAN BILL CARGO: Ken, just a quick
16 question to you, now these types of drains, they do require
17 some normal maintenance, clearing out sand and that sort of
18 activity, correct?

19 ENGINEER KEN BOSMA: Correct.

20 BOARD CHAIRMAN BILL CARGO: But that's not what
21 you're talking about for this type of future assessment.

22 ENGINEER KEN BOSMA: Correct, because that would
23 fall under the 5,000 anyway.

24 BOARD CHAIRMAN BILL CARGO: But what you're
25 concerned with is eventually all infrastructure fails whether

1 it's the collapse of a pipe or erosion or something like that
2 that requires maybe more significant type of improvement,
3 opening up the roads and so forth?

4 ENGINEER KEN BOSMA: Correct.

5 BOARD CHAIRMAN BILL CARGO: Okay, Ken. I
6 understand.

7 We also have Jerry here from the Ottawa County Road
8 Commission.

9 Jerry, do you have any comments regarding this
10 proposed drainage district?

11 OTTAWA COUNTY ROAD COMMISSION JERRY OLMAN: As far
12 as I know there isn't any issues with the system. The road
13 commission would be in favor of having the water resource
14 commissioner take the system over.

15 BOARD CHAIRMAN BILL CARGO: I appreciate it.

16 At this point we're going to -- first of all any
17 questions, Peggy or Larry, on this?

18 BOARD MEMBER LARRY BRUURSEMA: No.

19 BOARD SECRETARY PEGGY WEICK: Not at this point.

20 BOARD CHAIRMAN BILL CARGO: At this point we're
21 going to open up for public comments. We'd ask if you would,
22 come to the podium and state both your name and your address.

23 If you can, identify where you live on the map.
24 That would be helpful for us, or at least give us the address
25 and we can look it up as we're looking at the map.

1 And if you have any concerns either with the
2 drainage district as it currently exists, or with this
3 process, please share that with us.

4 And I'm going to start right in the front in the
5 second row since you had some questions, if you could give
6 your name and address, we'll try to get those answered.

7 MR. JOHN VANDERPLOEG: My name is John VanderPloeg.
8 My address is 1430 Wiersma Court.

9 Mine was a couple of questions, and I know I only
10 get three minutes to talk about this.

11 First was trying to understand on your map which
12 was the older section versus the newer section, as far as
13 what is being accomplished by the upgrade -- I understand
14 that some of the drainage is upgraded and some of it might be
15 very old or something along those lines, if I'm understanding
16 right.

17 So the '97 and '98, you were stating that it met
18 certain requirements, but I didn't know where --

19 ENGINEER LUCAS TIMMER: Where that was located?

20 MR. JOHN VANDERPLOEG: -- certain plats were versus
21 where other plats were.

22 ENGINEER LUCAS TIMMER: So Number Four and Number
23 Three are the ones in the '97 and '99. They're located right
24 here (indicating).

25 All the storm water infrastructure right here is

1 part of Number One (indicating). And then the storm water
2 infrastructure located right here is part of Number Two
3 (indicating).

4 So these two plats, Number One and Number Two I
5 think were installed in 1995. So this storm water
6 infrastructure here was never formally established as a
7 county drain (indicating).

8 BOARD CHAIRMAN BILL CARGO: But just for his
9 information, he is part of Perry Ridge Estates Number Four.
10 Because you're part of Perry Ridge Estates Number Four,
11 you're actually part of a drainage district right now. But
12 there is water flowing into your drainage district that's
13 from an orphan drain.

14 MR. JOHN VANDERPLOEG: Okay. So then the next
15 question I guess I have is as it turns over to the county for
16 repairs and so on, does the drainage, if I'm understanding
17 right, you have additions possibly or other things that could
18 happen that would add to that drainage also? Is that true?

19 BOARD CHAIRMAN BILL CARGO: Well there would not be
20 anything added to it if the system continues to work. From
21 what I understand right now, I've not heard of any problems
22 with the drainage district.

23 So they're establishing this district not because
24 there are specific problems they want to address, but because
25 they realize in the future all infrastructure breaks down and

1 there needs to be a mechanism to repair it.

2 MR. JOHN VANDERPLOEG: Sure. And the third
3 question I guess is what is the percentage of repair that's
4 typically done on a newer system? Do we have any idea of,
5 you know, over a period of ten years, it needs to get
6 repaired 20 percent or 10 percent of the time or something
7 along that?

8 BOARD CHAIRMAN BILL CARGO: It would be quite a lot
9 less than that, especially for storm water, unless there is a
10 significant erosion problem that probably would have shown up
11 at this stage. Because you have to remember, this occurred
12 over 20 years ago, and we haven't had significant problems
13 that I'm aware of. And I'm looking at the drain commissioner
14 who is agreeing with me on that.

15 So when you say 20 percent or 10 percent, it
16 obviously will be well below that. This system could go on
17 for another 40 years and require nothing more than cleaning
18 out the catch basins.

19 But there is a possibility that you could have a
20 crack, a collapse of pipe that could occur under the street.
21 There could be a water main break that would affect this.
22 All of those things could happen, and there needs to be a
23 funding mechanism for those type of repairs.

24 MR. JOHN VANDERPLOEG: Now would that normally fall
25 under -- if we already have two sections that are kind of

1 under the newer construction, so to speak, would it more or
2 less fall under the older construction areas then?

3 BOARD CHAIRMAN BILL CARGO: From what I understand,
4 the pipes in both the 1995 and the '97-'99 expansion are
5 substantially the same.

6 Is that correct, Lucas?

7 ENGINEER LUCAS TIMMER: That's correct.

8 BOARD CHAIRMAN BILL CARGO: Or concrete storm water
9 pipes. So the quality of the infrastructure that was put in
10 is the same throughout this development. It's just that part
11 of it has never been taken over formally by Ottawa County for
12 maintenance purposes.

13 MR. JOHN VANDERPLOEG: Okay. My time is probably
14 up.

15 My last question is I understand there is usually a
16 \$5,000 basic cost. If it's above that, then it might go to
17 residents within the area or something along that line?

18 CHAIRMAN BILL CARGO: Then it would be petitioned.
19 You'd have to have a petition from the residents or the
20 township and there would be a whole separate hearing on what
21 the repairs are for and what the expansion is. And at that
22 point you would have a public comment on whether you thought
23 it was necessary or not.

24 MR. JOHN VANDERPLOEG: You have a public comment,
25 but not necessarily control whether it gets fixed or not?

1 BOARD CHAIRMAN BILL CARGO: You don't have control
2 over whether it gets fixed or not, that's a decision made by
3 the Board of Determination, yes.

4 Is that correct?

5 WATER RESOURCES COMM. JOE BUSH: That's correct.

6 BOARD CHAIRMAN BILL CARGO: I just wanted to make
7 sure.

8 BOARD SECRETARY PEGGY WEICK: But not this Board of
9 Determination, Bill.

10 BOARD CHAIRMAN BILL CARGO: But not this Board of
11 Determination, because from what I understand we haven't
12 heard of any problems. It's simply bringing it into the
13 county system.

14 As an orphan drain they can't spend any monies if
15 something goes wrong tomorrow.

16 MR. JOHN VANDERPLOEG: And there is probably a
17 common question that by us bringing it into the orphan, are
18 we adding anything to our taxes? I believe the answer was
19 no.

20 ENGINEER KEN BOSMA: Right, correct.

21 BOARD CHAIRMAN BILL CARGO: Appreciate it.

22 With that said, I'll go to the very back row on my
23 left.

24 Is there any questions from the gentleman in the
25 very back row on my left?

1 Your name and address?

2 MR. WALTER BRUINS: Walter Bruins, 1424 Wiersma
3 Drive.

4 The only question that I have is we have a drainage
5 that runs through my backyard. Does this affect that? Or is
6 that -- is it just the piping underneath the ground?

7 BOARD CHAIRMAN BILL CARGO: I'm not showing a
8 drain; but if there is flooding that is occurring in your
9 back yard, that would be something that you would talk to the
10 drain commissioner about.

11 If you have flow that goes through your back yard
12 for a heavy rain event and that's causing flooding or causing
13 you problems, you would need to speak afterwards to the drain
14 commissioner to make sure they could address that, and it
15 will be part of this drain district.

16 Everything in your back yard, I'm looking at 1424
17 Wiersma, is included in the drainage district.

18 MR. WALTER BRUINS: Okay.

19 BOARD CHAIRMAN BILL CARGO: Now there may be
20 somebody that has a private system there, I can't comment on
21 that. But if there is a problem with your back yard
22 drainage, the drain commissioner would want to hear about it.

23 MR. WALTER BRUINS: Well I guess the issue is we've
24 already put \$10,000 into sump pumps and everything in the
25 back yard to get the water out of my backyard, where does

1 this stand at? Do you get what I'm saying? This is like, to
2 me it's a little bit --

3 BOARD CHAIRMAN BILL CARGO: You want to make sure
4 the pumps, what you're pumping out of your area is going
5 somewhere and that it continues to go somewhere?

6 MR. WALTER BRUINS: Right. That's what we have
7 done, but my point is is that whole system has not worked
8 from the beginning. And nobody has -- I've contacted the
9 township and everything, and nothing has ever been done about
10 this.

11 BOARD CHAIRMAN BILL CARGO: Okay. All I can do is
12 encourage you to talk to the drain commissioner.

13 Do you have records of this from 1424?

14 WATER RESOURCES COMM. JOE BUSH: No.

15 BOARD CHAIRMAN BILL CARGO: So you may have
16 contacted the township or spoken to somebody here, but they
17 don't have any records of it. Speak afterwards to the drain
18 commissioner and they can go down there and take a look at
19 what is occurring on your property.

20 MR. WALTER BRUINS: Okay.

21 BOARD CHAIRMAN BILL CARGO: That's their
22 responsibility. That's why they're there.

23 MR. WALTER BRUINS: Thank you.

24 BOARD CHAIRMAN BILL CARGO: That said, we have two
25 gentlemen in the third row on my right. Either one of you

1 like to make a comment on this?

2 Again, name and address, and you can ask questions
3 too.

4 MR. DAN BAILEY: Dan Bailey, 1370 Wiersma Court.
5 All the questions that I have come up with currently have
6 been answered by the previous speakers. So I don't have
7 anything more further at this time.

8 BOARD CHAIRMAN BILL CARGO: Thank you, appreciate
9 it.

10 UNKNOWN SPEAKER: And I'm all set.

11 BOARD CHAIRMAN BILL CARGO: With that said, I'll
12 give one last chance. Is there anybody who hasn't spoken,
13 the gentleman -- okay, that hasn't spoken that would like to?

14 I've not heard anything so we are going to
15 officially close the public hearing at this time and consider
16 whether this should be made part of the county system.

17 That said, I'll open the comments from the Board of
18 Determination members.

19 BOARD MEMBER LARRY BRUURSEMA: I'll make a motion
20 that we proceed and make this a drainage district.

21 BOARD CHAIRMAN BILL CARGO: Okay, so we have a
22 motion on the table. Larry says -- do I have a motion --
23 there is a motion deeming that this drain, formally known as
24 the Perry Ridge Drain, is deemed necessary.

25 Do I have support for that so we can discuss it?

1 BOARD SECRETARY PEGGY WEICK: You have support for
2 that.

3 BOARD CHAIRMAN BILL CARGO: So the motion by Larry,
4 supported by Peggy.

5 Larry, since you made the motion, I'll let you
6 start with any comments that you have.

7 BOARD MEMBER LARRY BRUURSEMA: Well the only thing
8 is we got to get it into legal terms so we do have a drainage
9 district to work with later on, if there is any work to be
10 done. And I understand, I didn't hear any opposition, but it
11 seems to be working quite well.

12 Am I wrong in that?

13 BOARD CHAIRMAN BILL CARGO: In general it sounds
14 like it's working well, but there are some concerns raised by
15 the gentleman at 1424 Wiersma Drive with what's happening in
16 the backyard and the flow of water from his backyard off the
17 property.

18 BOARD MEMBER LARRY BRUURSEMA: But if there are
19 problems coming up, it should be brought to the attention of
20 the drain commissioner, and that's a different issue.

21 BOARD CHAIRMAN BILL CARGO: That's absolutely
22 correct. But at least there is a mechanism now for that to
23 occur because it will be part of the drain system.

24 BOARD MEMBER LARRY BRUURSEMA: Right.

25 BOARD CHAIRMAN BILL CARGO: I agree.

1 Peggy, yourself?

2 BOARD SECRETARY PEGGY WEICK: Well I can't see any
3 reason not to. It looks like it's economically, legally and
4 efficient to bring everything under that watershed umbrella,
5 so that everyone can be taken care of.

6 I don't see any place where it is going to hurt one
7 person over another. It's just a good thing to do in order
8 to get every one in there so that if there is something from
9 here (indicating) that's bothering someone over here
10 (indicating) it can be taken care of, and vice versa.

11 BOARD CHAIRMAN BILL CARGO: The thing is I tend to
12 agree with that, especially if we're making sure that the
13 public -- the township, the county are going to be
14 responsible for a portion of the payment of any future costs
15 or maintenance.

16 So with that said, all in favor of this motion, say
17 aye.

18 BOARD MEMBER LARRY BRUURSEMA: Aye.

19 BOARD CHAIRMAN BILL CARGO: Aye.

20 BOARD SECRETARY PEGGY WEICK: Aye.

21 BOARD CHAIRMAN BILL CARGO: Opposed?

22 There is no opposition, so the first motion passes.

23 I'm then going to make a second motion that the
24 drain is necessary for the protection of public health in
25 Holland Charter Township, and a portion of the costs shall be

1 apporportioned to the municipalities at large so any future
2 costs are dealt with.

3 Do I have support for that motion?

4 BOARD SECRETARY PEGGY WEICK: I second that motion.

5 BOARD CHAIRMAN BILL CARGO: Peggy gave support to
6 that motion.

7 Any questions or comments from the Board Members on
8 the motion?

9 BOARD SECRETARY PEGGY WEICK: I have no comments.

10 BOARD MEMBER LARRY BRUURSEMA: I have nothing.

11 BOARD CHAIRMAN BILL CARGO: Again, we want to make
12 sure that if something does happen, that a portion of the
13 costs will be assessed to the township at large.

14 All in favor of this, say aye.

15 BOARD MEMBER LARRY BRUURSEMA: Aye.

16 BOARD CHAIRMAN BILL CARGO: Aye.

17 BOARD SECRETARY PEGGY WEICK: Aye.

18 BOARD CHAIRMAN BILL CARGO: Opposed?

19 And so that is approved.

20 And finally, I'm going to make a last motion that
21 the drainage district boundary be adjusted as necessary and
22 lands be added and deleted as determined by the water
23 resources commission as recommended by the engineer.

24 Is there support for that?

25 BOARD MEMBER LARRY BRUURSEMA: Yes.

1 BOARD CHAIRMAN BILL CARGO: I have support from
2 Larry for that.

3 And what we're saying here is that these
4 boundaries, although they have been reviewed and are probably
5 very close to being accurate, there may need to be some small
6 adjustment to it. So if that occurs, we're authorizing that
7 to happen.

8 Lucas or Ken, do you have any clarifications on the
9 motion?

10 ENGINEER KEN BOSMA: No.

11 ENGINEER LUCAS TIMMER: No.

12 ENGINEER KEN BOSMA: I think we all understand.

13 BOARD CHAIRMAN BILL CARGO: Okay. Any other
14 comments?

15 BOARD SECRETARY PEGGY WEICK: No comments from me.

16 BOARD MEMBER LARRY BRUURSEMA: No comments.

17 BOARD CHAIRMAN BILL CARGO: All in favor, say aye.

18 BOARD MEMBER LARRY BRUURSEMA: Aye.

19 BOARD CHAIRMAN BILL CARGO: Aye.

20 BOARD SECRETARY PEGGY WEICK: Aye.

21 BOARD CHAIRMAN BILL CARGO: And again, that passes
22 unanimously.

23 That said, I want to let it be known that I'm going
24 to ask for the drain commissioner to talk about the appeal
25 process, if there is one associated with this, and also make

1 any closing comments. And then we will adjourn this meeting.

2 WATER RESOURCES COMM. JOE BUSH: Thanks, Mr. Chair.

3 Again I appreciate everybody's time this morning to
4 come and listen to the process.

5 And the appeal process, right now we don't have
6 anything to appeal, because there is no project. In the
7 future, if there is a petition down the road, and we got
8 something over \$5,000, or if you have another BOD, there is a
9 way to appeal the process and the costs.

10 But right now there is no cost, the township is
11 picking all these up, these orphan drain BODs at large, so
12 they're paying for it.

13 Other than that, that's all I have, and again, I
14 appreciate your time and be sure and stick around and talk to
15 me if you have any concerns.

16 BOARD CHAIRMAN BILL CARGO: Then without objection,
17 I will adjourn the meeting at it looks like it's about 10:33.

18 Any objection?

19 BOARD SECRETARY PEGGY WEICK: No objection.

20 BOARD MEMBER LARRY BRUURSEMA: No.

21 BOARD CHAIRMAN BILL CARGO: We are adjourned.

22 Thank you very much.

23 (Board of Determination adjourned at 10:35 a.m.)

24

25

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25

CERTIFICATION OF COURT REPORTER AND NOTARY PUBLIC

STATE OF MICHIGAN)
) SS
COUNTY OF BARRY)

I certify that this transcript, consisting of 32 pages, is a complete, true and correct record of the Board of Determination for Perry Ridge Estates Drain held on January 18, 2018.

DATE: January 26, 2018

MARJORIE A. COVEY, CSR-2616
141 East Michigan Avenue, Suite 206
Kalamazoo, MI 49007
1.800.878.8750

Notary Public Expires: October 14, 2021, Muskegon County, Michigan/Acting in the State of Michigan.

<hr/> \$ <hr/>	<hr/> 8 <hr/>	adjourn 31:1, 17	assessment 16:21,24 17:12,21	bid 5:4
\$10,000 24:24	8 13:1,2	adjourned 31:21,23	assessments 17:9	big 3:9
\$5,000 22:16 31:8	<hr/> 9 <hr/>	adjusted 29:21	assist 11:20	Bill 6:14 8:8, 12,18,19,22 9:2,4,6,11,16, 18 10:5,11,13 11:6,11,14,23 12:4,11,15 15:5,8,14,18, 21 17:3,4,15, 20,24 18:5,15, 20 20:8,19 21:8 22:3,8,18 23:1,6,9,10,21 24:7,19 25:3, 11,15,21,24 26:8,11,21 27:3,13,21,25 28:11,19,21 29:5,11,16,18 30:1,13,17,19, 21 31:16,21
<hr/> 1 <hr/>	90s 13:16,18, 25	adjustment 30:6	attention 27:19	bit 25:2
10 21:6,15	97 13:12 19:17,23	administrativ e 12:22	audience 9:25	blue 14:22
10:00 2:2	97-'99 22:4	aerial 14:20, 21	authority 11:4	board 2:5 3:19 5:12 6:5, 21 7:17 8:3,8, 9,10,12,17,19, 21,22,24 9:1, 2,3,4,6,10,11, 13,15,16,17, 18 10:2,4,5, 10,11,12,13 11:2,6,11,14, 23 12:4,8,10, 11 13:5 15:5, 8,14,18,21 16:8,11,20 17:4,15,20,24 18:5,15,18,19, 20 20:8,19 21:8 22:3,8 23:1,3,6,8,10, 21 24:7,19 25:3,11,15,21, 24 26:8,11,17, 19,21 27:1,3, 7,13,18,21,24, 25 28:2,11,18, 19,20,21 29:4, 5,7,9,10,11, 15,16,17,18, 25 30:1,13,15,
10:33 31:17	98 19:17	affect 21:21 24:5	authorize 11:21	
10:35 31:23	99 13:12 19:23	affiliation 6:7	authorized 12:21	
1296 15:11	<hr/> A <hr/>	agenda 6:22	authorizing 30:6	
1370 26:4	a.m. 2:2 31:23	aging 5:2	aware 15:12 16:5 21:13	
1424 24:2,16 25:13 27:15	absolutely 27:21	agree 27:25 28:12	aye 8:25 9:1,2, 3,14,15,16,17 10:9,10,11,12 28:17,18,19, 20 29:14,15, 16,17 30:17, 18,19,20	
1430 19:8	accomplishe d 19:13	agreed 9:7	<hr/> B <hr/>	
18 2:2	accurate 30:5	agreeing 21:14	back 3:25 4:1 7:15,17 15:5 23:22,25 24:9, 11,16,21,25	
1947 13:13	Acres 13:14	agreements 3:3	backyard 24:5,25 27:16	
1965 13:14	act 9:7	allowed 15:22	Bailey 26:4	
1995 13:10,11 20:5 22:4	action 11:3	and/or 16:9	based 7:23 16:8	
1999 11:7	activity 17:18	answers 4:15	basic 22:16	
<hr/> 2 <hr/>	actual 9:23	appeal 30:24 31:5,6,9	basins 21:18	
2 13:1	add 17:2 20:18	appoint 6:8	beginning 25:8	
20 21:6,12,15	added 20:20 29:22	appointed 6:6 8:3	benefit 2:14 3:23	
2017 13:1	adding 13:3 23:18	apportioned 29:1		
2018 2:2	additional 15:15	approval 11:3		
<hr/> 4 <hr/>	additions 20:17	approved 11:2 29:19		
40 21:17	address 7:2 12:23 18:22, 24 19:6,8 20:24 24:1,14 26:2	area 22:17 25:4		
433 13:20		areas 22:2		
<hr/> 5 <hr/>		assessed 29:13		
5,000 16:19 17:23				

16,17,18,19, 20,21 31:16, 19,20,21,23	Bush 2:4 8:11 10:22 23:5 25:14 31:2	23:1,6,10,21 24:7,19 25:3, 11,15,21,24 26:8,11,21 27:3,13,21,25 28:11,19,21 29:5,11,16,18 30:1,13,17,19, 21 31:16,21	commission 2:25 5:11,13 6:11 16:22 18:8,11,13 29:23	convenience 16:9
boards 6:18	busy 2:20		commissi r 3:7,8,18 8:4 11:19 18:14 21:13 24:10, 14,22 25:12, 18 27:20 30:24	correct 12:3 17:18,19,22 18:4 22:6,7 23:4,5,20 27:22
BOD 6:15 31:8	<hr/> C <hr/>		common 23:17	cost 12:2 22:16 31:10
BODS 3:5,19 31:11	call 4:7,8,17 5:1,4	chairperson 8:14,16,24	complain 2:19	costs 16:18 28:14,25 29:2, 13 31:9
book 9:21	called 7:8 15:11,15	chance 26:12	complaints 4:4	county 2:25 4:25 8:4,7 10:25 11:8,19, 25 12:21 13:3, 7,17,19,24 14:8,17,22 16:3,6,10,11, 17,18,21,22 18:7,11 20:7, 15 22:11 23:13 26:16 28:13
Bosma 5:14 17:2,7,19,22 18:4 23:20 30:10,12	care 4:16 5:5 28:5,10	Chapter 13:1, 2	concerned 17:25	concerns 4:16 5:2 19:1 27:14 31:15
bothering 28:9	Cargo 6:14,15 8:8,12,18,19, 22 9:2,4,6,11, 16,18 10:5,11, 13 11:6,11,14, 23 12:4,11 15:5,8,14,18, 21 17:4,15,20, 24 18:5,15,20 20:8,19 21:8 22:3,8,18 23:1,6,10,21 24:7,19 25:3, 11,15,21,24 26:8,11,21 27:3,13,21,25 28:11,19,21 29:5,11,16,18 30:1,13,17,19, 21 31:16,21	Charter 10:17 11:7 28:25	concerns 4:16 5:2 19:1 27:14 31:15	couple 19:9
boundaries 16:3 30:4	case 10:16 12:11	choices 6:21	concrete 22:8	court 3:14,15, 22 6:1 19:8 26:4
boundary 14:4,12,21 29:21	catch 21:18	clarifications 30:8	consistent 2:22	crack 21:20
branches 13:3	causing 24:12	cleaning 21:17	constructed 13:10,11,12, 13,14,16 14:13	creating 10:20
break 21:21	Chair 31:2	clearing 17:17	constructing 13:21	culvert 7:15
breaks 20:25	chairing 6:15	click 3:18,19	construction 22:1,2	curiosity 15:9
bring 10:24 28:4	CHAIRMAN 9:6,11,16,18 10:5,11,13 11:6,11,14,23 12:4,11 15:5, 8,14,18,21 17:4,15,20,24 18:5,15,20 20:8,19 21:8 22:3,8,18	close 26:15 30:5	contacted 25:8,16	current 12:23
bringing 23:12,17		closing 31:1	continues 20:20 25:5	<hr/> D <hr/>
brought 11:24 16:12 27:19		Code 2:11,12 3:10 6:9,17,19 13:2,4	contour 14:18	Dan 26:4
Bruins 24:2, 18,23 25:6,20, 23		collapse 4:6 18:1 21:20	contours 14:17	data 14:18
BRUURSEM		COMM 2:4 8:11 23:5 25:14 31:2	contributes 14:4	dealt 29:2
A 8:9,21 9:1, 10,15 10:4,10 12:8 18:18 26:19 27:7,18, 24 28:18 29:10,15,25 30:16,18 31:20		comment 7:7 9:19,20 10:1 15:22 22:22, 24 24:20 26:1	control 22:25 23:1	decision 6:22 7:18 23:2
Bruursma 6:14		comments 2:13 4:16 7:3, 24 9:23 10:6, 8,19,22 17:6 18:9,21 26:17 27:6 29:7,9 30:14,15,16 31:1		deemed 16:10 26:24
Bureau 6:10				deeming 26:23

deleted 29:22	13 21:13	entire 9:21 12:2	Farm 6:10	gentleman 23:24 26:13 27:15
designated 8:6	23:14 24:8,10, 13,15,22 25:12,17	entities 16:24	farmers 6:10	gentlemen 6:6 25:25
details 3:9	26:23,24 27:20,23 28:24 30:24 31:11	erosion 18:1 21:10	favor 8:25 9:14 10:9 18:13 28:16 29:14 30:17	Georgetown 4:24
determination 2:6 6:20 8:3, 24 9:13 13:5 16:20 23:3,9, 11 26:18 31:23	drainage 5:16,17 6:9,16 8:5 14:2,11, 21,25 16:2,17, 23 18:10 19:2, 14 20:11,12, 16,18,22 24:4, 17,22 26:20 27:8 29:21	essentially 14:3	finally 29:20	get all 4:25
Determinations 3:20 5:12	drains 2:10 3:5 4:21,23,25 5:20 7:12 11:8,16 17:16	establish 2:9 4:11 13:6	find 11:20	GIS 14:17
determine 8:4 14:11 16:8	Drive 24:3 27:15	established 4:22 13:17,19, 20,24 14:1,8, 10 20:6	firm 5:17	give 2:13 6:21,24 7:2,22 16:1 18:24 19:5 26:12
determined 29:22	duties 8:2	establishing 20:23	fix 4:7 16:13	giving 12:13
development 3:4 22:10	<hr/> E <hr/>	establishmen t 13:25	fixed 22:25 23:2	good 2:4 5:15 28:7
development s 11:9	easement 15:4	Estates 2:6 8:6 13:9,10 20:9,10	flexibility 9:24	governmenta l 12:21
discharge 8:2	economically 28:3	event 24:12	flow 24:11 27:16	grading 14:16
discuss 16:1 26:25	efficient 28:4	events 2:20	flowing 7:16 20:12	Grand 6:16
district 5:22, 24 7:4 10:20 14:2,3,4,11,21 15:1 16:2,17, 23 18:10 19:2 20:11,12,22, 23 24:15,17 26:20 27:9 29:21	elect 8:15,17	eventually 17:25	follow 7:22	great 5:6
Don 4:18 5:6 10:18,19,21 11:10,13,17 12:3,6	election 8:13	everybody's 31:3	formally 13:19,23 14:1, 10 20:6 22:11 26:23	ground 24:6
drain 2:11,12 3:8,10 5:22 6:9,17,19 7:13,15 8:5,6 10:24 11:8 12:17,18,19, 20,25 13:2,3, 4,7,9,17,19,24 14:5,9,23 16:3,6,10,11, 12,17,18,21, 25 17:11 20:7,	encourage 25:12	existing 12:19 15:2	forward 5:9 6:20,23 9:19 10:14	guess 20:15 21:3 24:23
	end 14:24 15:10	exists 19:2	frame 3:6	<hr/> H <hr/>
	engineer 5:14 7:19 12:12,15, 17 15:7,12,17, 23,24 17:2,7, 19,22 18:4 19:19,22 22:7 23:20 29:23 30:10,11,12	expansion 22:4,21	front 19:4	hand 7:25
	engineers 6:12	experience 6:9	fronting 7:16 20:12	handy 4:2
		explain 10:22	funding 12:23 21:23	happen 20:18 21:22 29:12 30:7
		extending 13:3	future 4:6 6:4 11:4 12:23 16:15 17:21 20:25 28:14 29:1 31:7	happening 27:15
		<hr/> F <hr/>		happy 7:10,23
		fact 10:23	<hr/> G <hr/>	hard 7:12
		fails 17:25	Gardens 15:11,15	Haven 6:16
		faithfully 8:1	gave 29:5	health 16:9 28:24
		fall 17:23 21:24 22:2	general 27:13	hear 7:6 24:22 27:10
				heard 16:6 20:21 23:12

26:14 hearing 2:13 3:12,13 22:20 26:15 hearings 4:11 10:15 heavy 24:12 helpful 18:24 hey 7:14 high 14:19 Holland 2:1,5, 7,8 4:24 5:16 6:7 8:7 10:17, 21 11:7,10,13, 17 12:3,17,25 14:18 28:25 homework 2:20 hundred 4:9 hurt 28:6	25 22:9 installed 14:13,15 20:5 intentionally 10:24 introduce 6:12 introductions 4:14 investigate 7:11 issue 7:9,10 16:16 17:13 24:23 27:20 issues 4:3,12 7:5,6,13 16:4, 6,12 18:12	11:10,13,17 12:3 <hr/> L <hr/> lacks 12:20 lady 6:5 land 14:16 lands 29:22 large 17:11 29:1,13 31:11 Larry 6:14 8:9,21,23 9:1, 10,15 10:4,6, 10 12:6,8 18:17,18 26:19,22 27:3, 5,7,18,24 28:18 29:10, 15,25 30:2,16, 18 31:20 law 3:11 6:2 8:7 11:16 left 6:13 23:23,25 legal 4:5 11:18 27:8 legally 28:3 limit 9:21,22, 25 10:3,6 limited 7:13 lines 14:22 19:15 link 3:18 list 4:19 listen 31:4 live 18:23 local 12:21 located 14:7, 19 15:2,3 19:19,23 20:2 longer 3:5 lot 2:9 4:10, 16,23 5:15,16,	17 13:15 15:10,11,16 21:8 loudly 7:1 low 14:19 Lucas 5:18 12:12,14,15, 16 15:7,12,17, 24 19:19,22 22:6,7 30:8,11 <hr/> M <hr/> made 10:16, 22 12:1 16:21 23:2 26:16 27:5 main 14:14 21:21 maintain 16:18 maintenance 4:6 11:5,25 12:24 16:4,5, 19 17:17 22:12 28:15 major 12:1 make 2:21 6:20 7:18 8:17 9:6 10:2,19 23:6 24:14 25:3 26:1,19, 20 28:23 29:11,20 30:25 makes 6:21 making 28:12 manager 4:18 6:16 10:21 11:10,13,17 12:3 managers 6:11 map 15:10 18:23,25 19:11 Margie 3:14 6:1 7:2	mechanism 5:1 21:1,23 27:22 mechanisms 12:23 meeting 7:21 8:24 13:5 16:12 31:1,17 meetings 5:8 MEMBER 8:8, 9,10,12,17,19, 21,22 9:1,2,3, 4,10,15,17 10:4,10 12:8 18:18 26:19 27:7,18,24 28:18 29:10, 15,25 30:16, 18 31:20 members 6:10 8:2 13:6 26:18 29:7 met 19:17 Michigan 2:1 13:1,2,4 mid 13:16,18, 24 mile 16:19 mind 15:8 Mine 19:9 minutes 3:20 9:22,23 10:1,7 19:10 Miottawa.org. 3:17 mission 2:9 money 11:15 monies 23:14 morning 2:4, 10,15,16,17, 21 31:3 motion 8:15, 17,20,22 9:7, 12,25 10:2,5 26:19,22,23 27:3,5 28:16,
<hr/> I <hr/> idea 21:4 identify 18:23 imposed 8:2 improvement 18:2 improvement s 8:5 12:1,24 included 24:17 indicating 14:9,10,21 19:24 20:1,3,7 28:9,10 information 20:9 infraction 14:9 infrastructur e 5:3 13:23 14:7,15,23 15:2 17:25 19:25 20:2,6,	<hr/> J <hr/> January 2:2 Jen 4:14 Jerry 5:10 18:7,9,11 job 3:9 5:5,6 Joe 2:4,20 8:11 23:5 25:14 31:2 John 19:7,20 20:14 21:2,24 22:13,24 23:16 jurisdiction 4:5,25 10:25 12:21			
	<hr/> K <hr/> Ken 5:14 17:2, 5,6,7,15,19,22 18:4,5 23:20 30:8,10,12 kind 4:19 5:1 21:25 Komejan 4:18 5:6 10:21			

22,23 29:3,4, 6,8,20 30:9	24:8 25:19	14:25 20:1,2, 9,10,11 22:10 24:15 26:16 27:23	petitions 5:7	previous 26:6
motions 7:18	occurs 17:9 30:6	participates 5:11	phones 4:16	prior 3:6 11:12
move 5:8 6:20,23 9:19 10:14	office 4:7 8:13	passes 28:22 30:21	picked 17:11	prioritizing 4:20
municipalities 29:1	officially 26:15	past 3:19 4:8 6:10	picking 31:11	priority 4:20
<hr/> N <hr/>	older 19:12 22:2	paying 31:12	piece 3:9	private 24:20
necessarily 22:25	Olman 5:10 18:11	payment 28:14	pipe 18:1 21:20	private/ orphan 10:24
necessity 8:4 16:8	open 18:21 26:17	Peace 9:22	pipes 22:4,9	proactive 4:24 10:23 11:3
needed 13:25 16:16,25 17:9	opening 18:3	Peggy 6:17 8:10,17,23 9:3,7,12,17 10:2,6,12 12:6,10 18:17, 19 23:8 27:1,4 28:1,2,20 29:4,5,9,17 30:15,20 31:19	pipng 24:6	problem 21:10 24:21
neighbor 7:15	opposed 10:13 28:21 29:18	perform 8:1	place 11:4 28:6	problems 16:13 20:21, 24 21:12 23:12 24:13 27:19
newer 19:12 21:4 22:1	opposition 9:4,19 27:10 28:22	period 21:5	planned 16:14	procedural 12:22
Newhof 12:17 17:5	order 28:7	people 2:13, 17,19 6:8 9:25	plans 14:12, 14	proceed 26:20
night 2:18,19	organized 5:7	percent 21:6, 15	plat 13:21 14:12,13 15:11,15	PROCEEDIN GS 2:3
normal 17:17	orphan 2:9,24 3:5 4:9,21,23, 25 5:20 11:16 12:20 13:15 16:11 17:10 20:13 23:14, 17 31:11	percentage 21:3	plats 13:8,17, 22 14:8,24 19:20,21 20:4	process 2:11 3:4 4:5 6:19 11:4,21 17:10, 11 19:3 30:25 31:4,5,9
notice 14:24	orphans 5:11	perform 8:1	plugged 7:15	project 16:13, 18 17:8 31:6
November 13:1	Ottawa 8:4 16:22 18:7,11 22:11	period 21:5	podium 7:3 18:22	property 16:23 17:12 25:19 27:17
Number 13:10,11,14, 22,23 14:6,8,9 19:22 20:1,2, 4,9,10	outcome 2:18	Perry 2:6 4:3 6:7 8:6 12:18, 19,25 13:8,9, 10 20:9,10 26:24	point 18:16, 19,20 22:22 25:7	proposed 14:22 18:10
<hr/> O <hr/>	oversight 11:12	person 7:13 9:23 10:1,16 28:7	points 14:19	proposing 14:25
oath 6:21 7:22 8:13	owners 16:23 17:13	petition 2:7,8 10:16,20 11:1 16:8,16 22:19 31:7	pod 14:25	protection 6:3 28:24
objection 31:16,18,19	owns 2:24 3:1	petitioned 12:25 22:18	portion 12:2 28:14,25 29:12	public 2:12 3:12,13,14 4:10 6:24 7:7 9:20,23 10:1, 6,15 11:15,24
occur 13:25 21:20 27:23	<hr/> P <hr/>		possibility 21:19	
occurred 21:11	Park 4:23		possibly 20:17	
occurring	part 2:11 11:8 13:4,8,21		Powerpoint 12:13	
			Prein 12:17 17:5	
			presentation 5:19,23 12:13 15:25	

15:21 16:1,7,9 18:21 22:22, 24 26:15 28:13,24	reasons 11:3	responsibility 25:22	separate 22:20	sporting 2:20
pumping 25:4	received 2:7	responsible 12:2 28:14	set 26:10	staff 7:13
pumps 24:24 25:4	recommended 29:23	review 14:12, 13,17,18,20	share 16:24 19:3	stage 16:5 21:11
purposes 22:12	record 14:12	reviewed 30:4	showing 24:7	stand 25:1
put 3:2 5:4 11:4 22:9 24:24	recorded 3:11,14,15	Ridge 2:6 4:3 6:7 8:6 12:18, 19,25 13:9,10 20:9,10 26:24	shown 21:10	standard 3:5
putting 5:8	recorder 3:22 6:2	right-of-way 15:3	shows 14:20, 23	standards 3:3
puzzle 3:9	records 25:13,17	rise 7:25	signed 4:15	standpoint 11:18
<hr/> Q <hr/>	refer 15:22	road 2:25 5:10,13 6:11 15:3 16:15,22 18:7,11,12 31:7	significant 18:2 21:10,12	start 10:15 19:4 27:6
quality 22:9	reference 6:4	roads 18:3	simply 23:12	starting 5:3
question 15:6,20 17:16 20:15 21:3 22:15 23:17 24:4	relates 13:2	row 19:5 23:22,25 25:25	situation 11:19	state 3:11 11:16 18:22
questions 3:25 5:25 7:19,23 12:6 15:22 16:2 18:17 19:5,9 23:24 26:2,5 29:7	remember 21:11	rules 9:20	small 30:5	stated 11:3
quick 17:15	repair 21:1,3	running 7:21	Smidderks 13:13	statement 17:8
quickly 4:14 17:7	repaired 21:6	runoff 14:3	snapshot 5:21	stating 19:17
<hr/> R <hr/>	repairs 20:16 21:23 22:21	runs 24:5	solemnly 8:1	step 10:23
rain 24:12	replacing 5:3	<hr/> S <hr/>	sort 16:24 17:17	stick 31:14
raise 7:25	representative 5:13	sand 17:17	south 14:24	storm 12:19 13:23 14:4,7, 13,23 15:2 19:25 20:1,5 21:9 22:8
raised 27:14	require 17:16 21:17	sanitary 14:14	southern 15:10	street 21:20
read 3:20 4:1, 2	required 3:22 6:2 8:7 13:4	secretary 4:15 8:14 9:7, 13 10:2,12 12:10 18:19 23:8 27:1 28:2,20 29:4, 9,17 30:15,20 31:19	Southland 13:14	Subdivision 13:13
realize 20:25	requirements 19:18	section 13:20 19:12	sounds 27:13	subdivisions 11:9
realm 11:25	requires 11:7 18:2	sections 21:25	south 14:24	submitted 11:2
reason 2:8,10 10:25 28:3	residents 16:16 22:17, 19		southern 15:10	substantially 22:5
	resource 18:13		speak 7:1 22:1 24:13 25:17	summarize 9:21
	resources 2:4 3:7,18 8:3, 11 11:19 23:5 25:14 29:23 31:2		SPEAKER 15:20 26:10	sump 24:24
	responsibilities 9:8		speakers 26:6	superintendent 10:17
			specific 20:24	supervisors 6:11
			spend 11:15 23:14	
			spoken 25:16 26:12,13	

supper 2:19	things 20:17 21:22	typically 9:20 21:4	wanted 23:6	years 3:2 16:15 21:5,12, 17
support 8:19, 21 9:9,10,12 10:4 26:25 27:1 29:3,5,24 30:1	thought 22:22	<hr/> U <hr/>	War 9:22	
supported 8:23 10:6 27:4	thousand 7:12	umbrella 28:4	water 2:4 3:7, 18 8:3,11 11:19 12:19 13:23 14:4,7, 14,23 15:2 18:13 19:25 20:1,5,12 21:9,21 22:8 23:5 24:25 25:14 27:16 29:22 31:2	
swear 8:1	three-panel 6:5 7:17	unanimously 30:22	watershed 14:3 28:4	
system 3:2 11:8 12:20 13:20 14:5 16:11 18:12, 14 20:20 21:4, 16 23:13 24:20 25:7 26:16 27:23	time 2:16,23 3:6,13 4:10 11:12 12:9,10 15:13 16:1,14 21:6 22:13 26:7,15 31:3, 14	underneath 24:6	website 3:16, 17	
systems 10:24 13:15, 18 14:1	Timmer 5:18 12:15,16 15:7, 12,17,24 19:19,22 22:7 30:11	understand 6:19 11:7,15, 24 12:12 18:6 19:11,13 20:21 22:3,15 23:11 27:10 30:12	weeks 3:16	
<hr/> T <hr/>	today 3:17 4:13 5:19 6:24 7:6 10:18 12:18	understandin g 5:15,19 19:15 20:16	Weick 6:17 8:10,17 9:3,17 10:2,12 12:10 18:19 23:8 27:1 28:2,20 29:4,9,17 30:15,20 31:19	
table 8:23 9:12 10:6 26:22	today's 3:2	understands 6:16	welfare 16:9	
takes 4:16	tomorrow 23:15	UNKNOWN 15:20 26:10	Wiersma 19:8 24:2,17 26:4 27:15	
taking 2:16	top 4:20	upgrade 19:13	Wild 15:11,15	
talk 5:23 15:20,25 19:10 24:9 25:12 30:24 31:14	township 2:5, 7,9,24 4:9,18, 22 5:16 6:7, 11,16 8:6 10:17,21 11:7, 10,13,17,20 12:1,3 13:1, 16,18 14:18 16:17,22 17:11 22:20 25:9,16 28:13, 25 29:13 31:10	upgraded 19:14	Wind 15:11,15	
talking 12:18 17:21	track 7:12	<hr/> V <hr/>	word 3:15,23, 24	
talks 6:3	true 20:18	Vanderploeg 19:7,20 20:14 21:2,24 22:13, 24 23:16	work 5:17 20:20 27:9	
taxes 23:18	turns 20:15	versa 28:10	worked 25:7	
ten 16:15 21:5	type 17:21 18:2 21:23	versus 19:12, 20	working 4:21 27:11,14	
tend 28:11	types 5:2 17:16	vice 28:10	wrong 23:15 27:12	
terms 27:8		vote 13:6	<hr/> Y <hr/>	
testimony 2:13 3:14 6:25 16:1,7		<hr/> W <hr/>	yard 7:15 24:9,11,16,21, 25	
thing 8:12 27:7 28:7,11		Walter 24:2, 18,23 25:6,20, 23		