ILLINOIS POLLUTION CONTROL BOARD October 29th, 2020

JOHNS MANVILLE, a Delaware Corporation,

Complainant
) ) )
)
PCB 14-3
v.

ENFORCE - ILLINOIS DEPARTMENT OF LAND TRANSPORTATION, respondent.
) ) ) ) ) )

The report of proceedings had in the hearing of the above-entitled cause before Hearing Officer Bradley Halloran, called by the Pollution Control Board, taken by PAMELA A. MARZULLO, a Notary Public in and for the County of Pinellas and State of Florida, via Zoom, 1230 Gulf Boulevard, Clearwater Beach, Florida, on October 29th, 2020, at the hour of 9:00 o'clock a.m.

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PRESENT:
NIJMAN \& FRANZETTI
BY: MS. KRISTIN GALE \& MS. SUSAN BRICE
10 South LaSalle Street
Suite 3600
Chicago, Illinois
(312) 262-5523
k@nijmanfranzetti.com
sb@jmanfranzetti.com

Appeared on behalf of Midwest Generation;

MR. CHRISTOPHER \& MS. ELLEN O'LAUGHLIN
69 West Washington Street
18th Floor
Chicago, Illinois 60602
(312) 814-2087
cgrant@atg.state.il.us
eolaughlin@atg.state.il.us

Appeared on behalf of the of Illinois
Department of
Transportation.
ALSO PRESENT:
MS. MARIE TIPSORD
MS. JENNIFER VAN WIE

REPORTED BY:

Pamela A. Marzullo

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I N D E X
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WITNESS: STEVEN GOBELMAN

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E X H I B I T S

Exhibit No.
699
217

Marked
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146

HEARING OFFICER HALLORAN: We're on
the record.
Good morning. My name is Bradley
Halloran. This is the fourth day of hearing in 14-3 JM versus IDOT. The date is October 29th, approximately 9:05 a.m. We're in the middle of cross-examination by Ms. Brice of Mr. Gobelman. I would ask -- I'm sure Mr. Gobelman remembers the hour when he was first sworn. I would ask Pam to swear Mr. Gobelman in again.
(Mr. Steven Gobelman was duly sworn.)

STEVEN GOBELMAN, was adduced as the witness herein; after having been first duly sworn, testified as follows:

HEARING OFFICER HALLORAN: Miss
Brice?
MS. BRICE: Thank you, sir.
CROSS-EXAMINATION (Continued)
BY MS. BRICE:
Q. I'm just going to remind everybody we were discussing the Utility ACM soils excavation action, and we had talked about how your denominator for this attribution was 5470 linear

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feet, to 5470 linear feet, which you had calculated the north side and south side of Site 6.

We're now turning to your numerator. So, if you go to 205-11, please.
A. Okay.
Q. You say you calculate by measuring -I'm going back to your numerator on 205-11, and you say you calculated this by measuring the distance of Site 6 halfway between 4S and 5S, which said was 197 feet; is that right?
A. Yes.
Q. And then you divided that get to the 3.6 percent?
A. Yes.
Q. And you applied these Site 6 test pit borings using scaling off of a pdf, which is 205-46, correct?

Turn to 205-46 just so -- I believe we established this earlier, but just to be sure.
A. Well, that's not what --
Q. Take a look at 205-7. At the very bottom of that page, that might help you with your recollection, and I'm talking about the Site 6

[^1]soil borings.
A. Yes.
Q. So, did you use this $C-0022 J$,

MOO4753, which was hearing Exhibit 66-99, which is also I think we established up on the screen yesterday is the same at 205-46, to scale in your Site 6 soil borings?
A. Correct.
Q. Okay. I would like you to turn to 67
$\qquad$
one second. Sorry. Back up.
This says this was AECOM's Work Plan Revision 2, March 13, 2014 on 205-7. Do you see that?
A. Yes.
Q. So, if you turn 67, please, 67-1.

Let me know when you're there. 67-1 is the Final Removal Action Work Plan, correct?
A. Yes.
Q. Okay. And if you could turn to

67-536. This is just an excerpt. So, 536 is somewhere in the middle $I$ apologize it's not right on top.

HEARING OFFICER HALLORAN: What book

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is this, Ms. Brice?

MS. BRICE: Gobelman testified from
this binder yesterday.
THE WITNESS: Okay, thank you.

BY MS. BRICE:
Q. The same thing from yesterday is going to be the same thing I'm using today.

Can you tell me when you get to 67-536?
A. Yes, I'm there.
Q. Okay. So, 67-536 is -- we said is
the final plan, and you had access to this document, have you not, since you -- since before you wrote your first expert's report on damages, right?
A. I believe so.
Q. And this document contains excavation coordinates; in other words, latitudes and longitudes for Site 6 construction work, does it not?
A. Yes.
Q. And you didn't rely on this document in creating your base map, did you?
A. $\quad$ No.
Q. So Instead of using this document for

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latitudes and longitudes, you mainly measured in distances off a paper pdf from an earlier version of this report for plotting the Site 6 soil borings; is that accurate?
A. I measured it, yes.
Q. So the answer is yes?
A. The answer is yes.
Q. Okay. I'm going to turn to the North Shore Gas Line. With respect to the North Shore Gas Line on Site 3, a clean corridor was required around it, correct, Site 3?
A. Yes.
Q. Okay. If you could turn to 207-17, please. This is part of your expert report, correct, your supplemental expert report 207-17?
A. Yes.
Q. Okay. And on 207-17 -- Drew, could you please blow that up for us?

I would like you to tell me which soil borings fall within the green that are on your document?
A. That fall within the green?
Q. Correct.
A. B3-15 and B3-16.

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Q. Were those both borings for which IDOT was found liable at the hearing?
A. Yes.
Q. I would just like to note on this map, compared to and on 205-22, which is the base map for this map, you don't have all the same borings that you had on Exhibit 202, correct?
A. Correct. I only put in the borings that were associated with the Pollution Control Board's ruling and some of the borings that Mr. Dorgan put in his report, and then additional boring that $I$ needed to do calculations off of.
Q. So, to arrive at your attribution calculated as your denominator, the square footage of the North Shore Gas Line work on Site 3, which you said was 10,866 square feet; is that right?
A. Yes.
Q. And then you calculated your
numerator, the square footage of the North Shore Gas Line that you believed ran through parcel 0393, based upon your supplemental map, which you say here is 4,271 square feet; is that right?
A. Yes.
Q. Okay. You then took -- you then

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divided those numbers and came up with 39.3 percent?
A. Yes.
Q. If the location of the North Shore Gas Line on your map here, that you're using on Site 3, is inaccurate, then your numerator and your calculations would be inaccurate; is that correct?
A. I wouldn't know.
Q. You wouldn't know? So, your calculation is based upon the division of a numerator and a denominator, correct?
A. Yes.
Q. Okay. So, if your numerator is different, you're going to go come up with a different percentage, correct?
A. If the numerator is different, yes.
Q. So, if the numerator is different, and then you use that numerator to multiply that by the overall cost for a particular area, you're going to come up with a different number, correct?
A. If the calculations were different, yes.
Q. Okay. Let's talk about the North

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Shore Gas Line on Site 6.
Here you didn't use square footage, did
you?
A. No.
Q. Rather, you used linear footage,
right?
A. Correct.
Q. And linear footage, based upon your base map in your expert's report, correct?
A. Correct.
Q. Okay. If you can go to 207-05.

Going to the bottom of that page, and I'm just going to read for the record the sentence, "Mr. Dorgan states the length along the south side of Site 6 is approximately 2,005 linear feet."

Do you see that?
A. Yes.
Q. How did you use that 2,005 linear
feet in your attribution calculation?
A. I used that in -- that's exactly what
the percentage of the gas line is in this Site 6.
Q. Was that your denominator, the 2,005
linear feet?
A. Yes.

[^3]Q. Okay. If you can turn to 204-24, please. 204-24, which is Mr. Dorgan's report where he talks about the North Shore Gas Line. Are you there?
A. I am now.
Q. Okay. The very last paragraph I'm going to read into the record, the first sentence, "It's my understanding that a total of 2,005 lineal feet of the North Shore Gas Line was removed on Site 6." Do you see that?
A. Yes.
Q. So, he's not talking solely about the south side of Site 6 of that measurement, is he?
A. No.
Q. You defined the portion before of area that is attributable to IDOT based upon your base map 207-17, correct?
A. I'm sorry, what?
Q. You used the base map to come up with your numerator in your attribution, right?
A. Yes.
Q. 207-17, because you did a measurement off of it, correct, the 72 feet?

[^4]A. I have to go back.
Q. 207-5.
A. What was this again, the measurement?
Q. Sure. Is 72 linear feet -- I just want to establish that was measured off of this base map, the base map being 207-17. It's the one -- specifically is the one about the North Shore Gas?
A. Yes.
Q. So, the numerator here is 72 linear feet, and you divided the numerator by the 2,005 linear feet to get to 3.6 , correct, percent?
A. Yes.
Q. And, so, these distances would need to be accurate in order for the 3.6 attribution to be correct; isn't that true?
A. Yes.
Q. Okay. Combined Site 3 plus 6 -- all

I really want to establish here is that your combined Site 3 plus 6 numbers depend upon the attributions you made to Site 3 for North Shore Gas and Site 6 for North Shore Gas.
A. Yes.
Q. Okay. Let's go to the northeast

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excavation 207-18 is the map in play, I believe. Could you please turn to that?
A. Okay.
Q. Okay. Again, you used 205-46, which we were looking at a moment ago up on the screen, to scale in the northeast excavation.

And you said the distance from 9S to the eastern edge of the northeast excavation is 140 feet. That's on 205-8.

Is that accurate. Is that what you did? And take your time.
A. Say that again, your question again.
Q. Sure. Let me break it down. You used 205-46 to locate the northeast excavation, correct, based upon what you say here on 205-8?
A. Yes.
Q. Okay. And then how you did that was you hand scaled it in; isn't that true?
A. I measured it in, yes.
Q. Okay. You measured it in using an engineer's scale map on a computer, correct?
A. I believe in this case, I would have used as the -- the borings were in place. I would have CAD measure from 9S to the distance of 140

[^5]feet, and then that would create the eastern edge.
Q. You don't recall, do you, specifically how you did it?
A. It was measured in.
Q. Measured in but whether you did it hand scaling, or whether you did it another way, we can look at your deposition and figure that out at some point.

But you don't recall right now exactly how you did it; is that correct?
A. No, not really.
Q. All right. And then you say the distance from the soil boring location 9S, to the eastern edge of the northern location, is about 140 feet. Do you see that?
A. Where are you reading from?
Q. 205.
A. 205 ?
Q. 205-8.
A. Would did you read out?
Q. 140 feet.
A. Yes.
Q. Okay. But wouldn't it have been better to use the final work plan to plot the

[^6]northeast excavation instead of the Revision 2?
A. I don't know.
Q. Okay. Turning to your deposition, your second deposition, which is page number on the deposition 53; but on the exhibit number, it's going to be 229D-54.
A. Okay.
Q. Are you there?
A. Yes.
Q. Line 5. Okay, "If you were to go back and do it now, what would be the right source to use to locate the northeast excavation, the final report?
"Answer: It would be. I would assume that it would be the final report and the work plan that depicts actually how it was laid in, how it was supposed to be measured in."

MS. O'LAUGHLIN: Objection. The deposition transcript is hearsay. This is not an appropriate use of a deposition transcript. It's not a prior inconsistent statement.

HEARING OFFICER HALLORAN: Ms. Brice?
MS. BRICE: I'm impeaching him with
the deposition testimony. He said he didn't know;

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and in his deposition, he said, "Yes."
HEARING OFFICER HALLORAN: I agree.
Overruled.
BY MS. BRICE:
Q. Your northeast excavation
attributions are based upon square footage, right? If you want to turn to 207-18, it might make it easier.
A. Okay.
Q. Okay. I believe you said on direct that the northeast excavation in total is 7500 square feet; is that right?

You added those two numbers together in
the boxes?
A. Yes.
Q. Okay. And at the portion of the northeast excavation, that falls within 0393, is 1,889 square feet, correct?
A. I don't know if I said that but it probably says that.
Q. I think it says 1,889 square feet.
A. Yes.
Q. Is that the portion that --
A. Yes.

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drawing outside.
Q. Okay. And we you talked a lot about
-- you've talked a lot about the next cleanest boring rule.

Do you remember that?
A. A little bit, just depending on where we were at.
Q. You said that, you know, the USEPA required the contamination to be excavated to the next cleanest boring; do you recall that?
A. Are you saying that I said that?
Q. Yes.
A. I don't recall saying that.
Q. Okay. I'm going to hand you -- give me a second, I'm going to be back, because I think we already went through this.

If you would give me one second, $I$ would appreciate it.

HEARING OFFICER HALLORAN: Yes.
(Pause)
BY MS. BRICE:
Q. Okay. Let's go to your first deposition of page 28, line 11, please.
A. Yes.

[^9]Q. I'm going to read it into the record?

You were deposed. You know we went over
this yesterday, but these are both in your
depositions, correct?
A. Correct.
Q. We've been reading from -- okay.
"Question: If ACM is detected in a boring, how much of the area around the boring did USEPA assume to be contaminated?
"Answer: Well, typically, I think there was a number of figures that represented different methodology to determine the extent. But in most cases, it went to the next cleanest boring."

Do you see that?
A. Yes.
Q. Okay. So, here we've got B3-50, and can you pull up the map, please, Drew? 207-18, please. Thank you.

Okay. And EPA also required the excavation of an entire grid, if a portion of the grid was contaminated; is that correct?
A. Yes.
Q. But here you did not include the entire grid of B3-50 or B3-45 in your IDOT

[^10]attribution, did you?
A. No, I only included the areas that the Pollution Control Board said IDOT was liable for.
Q. But, again, the EPA required the whole grid to be excavated, if there was a contaminated boring in the grid, correct?
A. Those were areas that were outside of IDOT's responsibility.
Q. Please answer the question that I asked.
A. They required it to be excavated.
Q. Correct. Okay. And then -- so, just talking about the next cleanest boring. Was B3-46 a clean boring?
A. I don't know. I don't have it represented.
Q. Okay. I'll represent to you that B3-46 was a contaminated boring.

And I understand that if you believe you were liable for the neighboring contaminated boring, you counted halfway to the next boring.

I believe that was your testimony, right?
A. Yes.

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Q. Okay. This concept is not what is stated in the enforcement action memorandum, is it?
A. I don't know how it was stated in the enforcement memorandum.
Q. It's not how EPA treated contaminated areas, is it?
A. I don't know for sure.
Q. Okay. Let's go to -- I'm going to go to Exhibit 120. I'm not sure if everybody has a copy of this, but $I$ will have Drew pull it up on the board here and go to Exhibit 120, please.
A. It's not in here.
Q. I'm going to hand it to you. He's going to pull it up here, 120-3.

This is Figure 8. Just keep going back on paragraph 9. Okay. Do you see that? Did you have a copy?
A. I have a copy of it here.
Q. Okay, great. I'm just going to read this into the record. For purposes of identification, this is a letter on 120-1 from USEPA to Bill Bow at LFR and Dr. Ebihara testified LFR was working on this project at the very

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beginning.
And on 120-3, USEPA says, quote, "To determine the extent of ACM, it appears that it was assumed that ACM was present in the entire grid, and the sample collected within that grid contained ACM."

And then further down, it says, "If the current sampling results are to be used to determine extent of ACM that needs to be addressed in this report, then it is recommended that the area containing ACM should be depicted as follows: For the grid that contained ACM, the boundary of ACM-containing material should be extended all the way to the nearest non-detect sample."

They did give an example that I don't think I need to read into the record. Then it says, "This approach should be taken for all the sampled locations with ACM detected."

Do you see that, sir?
A. Yes. Yes.
Q. But you didn't count this report

B3-46 halfway or all the way, did you?
A. I don't have B3-46.
Q. B3-46 is in the third grid.

[^11]A. Okay.
Q. Of site soil excavation.
A. I'll take your word for it.
Q. Okay. Just so you don't have to take my word for it. And I have to make sure I am remembering correctly.

Let's go to 204-38 super fast. If you
could just pull it up on the board, I would appreciate it. Yes, there it is. You see B3-46 up there on the board?
A. Yes.
Q. Okay, thank you. So, here is the question $I$ have: If the northeast excavation is plotted too far to the east" -- go back to 207-17, please.

If it's plotted too far to the east -Sorry. 207-18, "Two parts to the east," meaning two parts to the right, "if it happens to be that, if that happens to be the case, then you were counting less of it in your IDOT attribution; is that correct, because it's not falling within" --
A. Say that again. I lost it.
Q. Sure. If it's plotted too far to the east, you are basically moving everything to the

[^12]east, and less of it falls within what you have as depicted as 0393; isn't that right?
A. If I have plotted it too far to the east.
Q. Yes. Let me put it this way: The further east, the northeast excavation sits, the less amount that falls within 0393; is that right?
A. I'm sorry, you're talking about the actual excavation dimensions?
Q. Correct.
A. If I had lined it up too far east?
Q. Yes. Then it's less of it is falling within 0393; is that right?
A. Yes.
Q. I would like to turn to dewatering.

You said that you took an approach similar to
Mr. Dorgan's, right?
A. Yes.
Q. And like Mr. Dorgan, you agreed that there were four task buckets that drove the need to dewater on Site 3, which were the Nicor Gas Line, the North Shore Gas Line, the Waukegan waterline and the northeast excavation, right?
A. I think so.

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Q. Okay. And then you took your attributions for two of the four, correct, the North Shore gas line and the northeast excavation, because you did not consider the Waukegan water line or the Nicor line to be part of the IDOT's liability?

Go to 207-7, if that's helpful.
A. Yes, I utilized the cost of the Nicor line -- the North Shore -- I utilized Nicor, North Shore, Waukegan line in the northeast excavation.
Q. And your attributions came with the North Shore gas and the northeast excavation, right?
A. Yes.
Q. Okay. You added up these costs and came to 143,265; is that right?
A. Yes.
Q. And you then divided this number, which was your numerator, by the total cost to complete those tasks on Site 3, which was 661,565 , which became your denominator; is that correct?
A. Correct.
Q. And then you came up with a percentage of 21.7 percent?

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A. Correct.
Q. Okay. On 207-6, one page back, you have one, two, three, four categories of dewatering costs; do you see that?
A. Yes.
Q. Okay. And you applied, as I
understand it, the same 21.7 percent to all four categories for Site 3 dewatering, so all four of these categories listed on 207-6 under
"dewatering."
I think if you look the on 207-7, it explains it.
A. Yes, I applied 21.7 percent to those four things.
Q. So, you didn't treat DMP dewatering costs noted here as construction management for dewatering differently, right, obviously?
A. I didn't treat any of those four things any differently.
Q. Mr. Dorgan explained these costs were 100 percent related to the North Shore gas work on Site 3.

Do you recall that?
A. No, I don't.

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Q. Okay. Do you dispute that?
A. I can't dispute it $I$ don't remember.
Q. Okay. And Mr. Dorgan discussed the construction services came into utility work and comprised the category in your charts.

Do you dispute the characterization of the work done as set forth in Footnote 19 of Mr. Dorgan's report?
A. I don't remember what his footnote is.
Q. Actually, you said here you don't dispute it.
A. I can't dispute something that I don't know what it is.
Q. Okay. That's fine. Let's move to Site 6, dewatering. This is again on 207-7, and here you returned to linear footage calculations, right?
A. Yes.
Q. Okay. And you say that the dewatering was required to create a clean bore corridor for 1 nor-- sorry, $1 N$ through $9 N$ and $1 S$ through 9S, which you measured as at 838 linear feet off of your map; is that correct?

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A. Yes.
Q. And this sum became your denominator;
isn't that right?
A. Yes.
Q. So, for your attribution to be correct, your denominator needs to be correct, right?
A. Correct.
Q. And your numerator here was 1S through 4.5S, which you measured off of your base maps to be 197 linear feet; is that right?
A. Yes. I lost a little of that.
Q. Sorry. No problem. And just if you go -- to make it easy, I'm on 207-7, second paragraph of Site 6. I'm going to summarize this.

To arrive at your attributions divided as 197 by 838 linear feet, to get to 23.5 percent; and then you multiplied that 23.5 percent by the Site 6 dewatering cost total of 160,587; is that right?
A. Yes, divided by the total. I multiplied that cost to those two items in Site 6.
Q. Yes, correct. Sorry, if I misspoke, I apologize.

[^17]And the total was 37,738 , right?
A. Correct.
Q. Okay. And then, again, on the Site 3 and 6 calculations for dewatering, those calculations attributions depend upon how much you attribute to Site 3 work alone for dewatering, and Site 6 work alone for dewatering, right?
A. Yes.
Q. If you turn to 207-19, please.
A. Okay.
Q. Okay. So, you believe the ramp is this area over here on the left that is -- it says "ramp," and it has a cross hatched through it, and it's contained in a box, correct?
A. Yes.
Q. And what work was done in that area, that hatched area, to your knowledge?
A. It was capped and then it was too wet. They put gravel on top of it, the cover.
Q. And was there ACM found in that area, to your knowledge?
A. I don't recall of the top of my head.
Q. But you gave IDOT an allocation of zero for the ramp, because you thought it was too

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far west on parcel 0393, right?
A. Correct, outside of the borings
allocated.
Q. All right. Let's turn to filling and capping, and I'm going to go to 207-20, the next page.

I believe you testified you did this, and this is on 205-15, but I don't think you have to look back.

You took 3.1-acres, right, as your total square footage for the entire Site 3, right?
A. Yes.
Q. Okay. And that's your denominator for your calculation, correct?
A. Correct.
Q. Okay. And then you took a measurement of the area that you have with slanted hashing going to the -- from the northeast to the southwest as your denominator, and it came to . 2 acres; is that right?
A. Correct.
Q. And you then got 6.5 percent; is that correct?

You want to look back on 205-15, I

[^19]believe is where this is?
A. What percentage is that?
Q. I said 6.5 percent.
A. Yes.
Q. Okay. But just to be clear, you
don't include in this area where ACM was found of
-- you don't include within this area the ramp,
right?
A. No, I do not.
Q. You don't include the Waukegan water
line? the boring liabilities.
Q. And you don't include B3-46, correct?
A. Correct, because it's outside the IDOT (inaudible).
(Talking over each other)
Q. You didn't include all of the AT\&T lines that ran through 0393, just a portion of that; is that right?
A. Correct.

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A. No, I do not.
Q. You don't include the entire grid for B3-50 or B3-45?
A. No, I do not. They are outside of
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Q.
A.

[^20]Q. Okay. Let's go to filling and capping Site 6, here you say you used the same method you used for ACM soils excavation.

So we're back again to that calculation of 5,470 feet, which is the entire length of the north side and south side of Site 6 as your denominator; is that right?
A. What page are you on? I'm sorry.
Q. I'm thinking -- I don't have it marked here, but it's got to be probably 205-16-ish.
A. Okay.
Q. Do you see that?
A. Yes.
Q. So, here you've got that 5470 linear
feet, correct?
A. Yes.
Q. Okay. And that's the measurement of the entire north side and south side of Site 6?
A. Yes.
Q. And your -- that's denominator for this calculation, and then your numerator on 207-20 -- I'm sorry. Pardon me. I'll turn back.

Your numerator on this was the 197 linear

[^21]feet, correct; is that right?
A. Yes.
Q. And that's measured off of your base
maps, correct?
A. Yes.
Q. Okay. And you didn't take into
account volume of filling in any way, shape of
form, in determining your Site 6 attributions for filling and capping?
A. No.
Q. Now, I'm going to -- the combined Site 3 and 6, again, your numbers are dependent upon the allocation numbers you gave as inputs for Site 3 alone and Site 6, correct?
A. Correct.
Q. Okay. So, let's go to the general site/site prep map. Well, there's not a map for this.

Let's go to 207-8. Tell me when you are there.
A. I'min.
Q. Okay. You stated that you used the same general approach as Mr. Dorgan for general site preparation work.

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mean in the context are the task buckets noted with the $x$ 's; is that right?
A. Correct.
Q. Those are the ones that you used to come up with your construction services number for Site 3?
A. Yes. The same pieces that he pulled in, yes.
Q. Yes. So that's Nicor, Waukegan Water

Line, AT\&T, Northshore gas, Northeast excavation, dewatering, ramp and filling and capping; is that right?
A. Yes, the same ones as Mr. Dorgan used.
Q. And the number that you guys both used as the total amount spent was $1,476,454$. So, that was the denominator, right?
A. Yes.
Q. Okay. The numerators were different because you had different attributions, right?
A. Correct.
Q. The percentage you came up with was 16.8 percent; is that right?
A. Yes.

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Q. Okay. And you applied 16.8 percent to all of the general site/site prep categories on 207-8 related to Site 3; is that correct?
A. Yes, I applied all the ones that Mr. Dorgan applied his percentages to.
Q. Okay. But you didn't treat the O\&M cost bucket differently, did you?

This professional O\&M bucket, which is noted on 207-8 in the chart, you treated that the same and applied the 60.8 percent, right?
A. I applied that percentage in the same manner that Mr. Dorgan applied. So, if he applied his percentage to those pieces, I applied to those pieces as well.
Q. Okay. Do you know if Mr. Dorgan applied that attribution to -- let's just do this, let's go to 204-32. I'm almost done.

HEARING OFFICER HALLORAN: Do you have a page number?

MS. BRICE: Thirty-two, 204-32.
BY MS. BRICE:
Q. I'm going to the second paragraph of 204-32, and here Mr. Dorgan -- Mr. Dorgan had been applying, if you look at the paragraph above,

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74.2 percent for these task buckets, correct?
A. Yes.
Q. Okay. But on the O\&M, he applied the
factor of 80 percent, does he not?
A. Correct.
Q. Okay. Let's go back to 207-8. We're going to talk about Site 6, general site, site prep work.

So, once again, same methodology, right, for your numerator and denominator, you used these different construction work categories of task buckets, which are listed on Exhibit 2 under the column "Site 6 prep," which are AT\&T, North Shore gas, northeast excavation and ACM, utility and filling and capping, right?
A. Yes, I used that that same cells that Mr. Dorgan did that I had attributed cost to.
Q. Okay. And this gave you 5.5 percent?
A. For Site 6.
Q. For Site 6, correct, on the bottom of 207-8?
A. Yes.
Q. Okay. But the attribution that you made for these tasks in 204 -- on 245, excuse me.

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Take just, for example, if the Waukegan water line is wrong, then that's going to impact your overall Site 6 prep calculation; is that right?
A. If there were adjustments in the measurements, yes, there would be a marginal increase or decrease in the different numbers.
Q. The point I'm just trying to get across is that all of these Tasks in Site 3 Prep, Site 6 Prep, Site 3 and 6 Prep, Health \& Safety, Site 3 oversight and Site 6 oversight and legal, all depend upon the allocations, let me say it this way, the attributions that you made to various task buckets that we just went through?
A. Yes, I did that.
Q. And if I want to find out which task buckets that you used for Site 3 and 6 prep, health and safety, Site 3 oversight, Site 6 oversight and legal, I just take a look at Exhibit 245, and it's the ones that have the X on it; is that correct, underneath -- underneath --
A. Health and safety, is that your question?
Q. Overall, with respect to Exhibit 245. So, I'm trying to look at health and safety. I'm

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trying to figure out how you did your calculation.
Your calculation was based upon your attribution numbers and the overall numbers for AT\&T, North Shore Gas, ACM utility and filling and capping, correct?
A. Yes, I used the same methodology that Mr. Dorgan used.
Q. I'm just trying to cut through the chase here. So this Exhibit 245 has listed for each one of those columns, right, underneath each column, there are Xes; and those Xes denote which construction task buckets were used to form your calculations, with respect to these oversights for services task buckets; is that right?
A. Yes. That's how Mr. Dorgan did it, and that's exactly how I did it.
Q. One last question for you. Did the Board find anyone, other than IDOT, liable in the earlier hearing in this matter?
A. I don't understand your question on this.
Q. Did the Board find anyone else, other than IDOT, liable in the -- in the hearing order?
A. I don't know.

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Q. Okay. Turn to your first deposition and page 140, lines 12 through 16. Ellen, did you get that?

MS. O'LAUGHLIN: No. I did not.

Sorry.
MS. BRICE: Page 140 .
MS. O'LAUGHLIN: Of the deposition?
MS. BRICE: Yes.

HEARING OFFICER HALLARON: 229-B 140 .
MS. O'LAUGHLIN: Thank you.
BY MS. BRICE:
Q. Page 140, lines 12 through 16, and the question is: "Did the Board make any finding that anyone other than IDOT was liable from ACM at Site 3?
"Answer: I don't believe that was a subject to the ruling."

Do you see that?
A. Yes.
Q. Did you dispute saying that?
A. $\quad$ No.

MS. BRICE: Okay. No further
questions.
HEARING OFFICER HALLORAN: Ms.

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O'Laughlin, do you need a few minutes?
MS. O'LAUGHLIN: Yes.
HEARING OFFICER HALLORAN: Pam, we're
taking a ten-minute break.
(A Recess was taken.)
HEARING OFFICER HALLORAN: We're back
on the record. Ms. O'Laughlin is doing her
redirect of Mr . Gobelman. You made proceed, Ms.
O'Laughlin.
MS. O'LAUGHLIN: Thank you, Mr.
Halloran.
REDIRECT EXAMINATION
BY MS. O'LAUGHLIN:
Q. So, Mr. Gobelman, you testified that you used a map from the ELM report to show the soil borings on your created base map; am I correct on that?
A. Yes.
Q. Okay. Can you turn to Exhibit 57?

Do you have it there?
A. In what book?
Q. It's Exhibit 57. It would begin in the binder that begins with 06. It's not listed. It should be. I direct you to 57.

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## And what is this document?

A. It's the surface and subsurface
characterization of Site 2 and Site 3 from the Johns Manville Manufacturing facility, Volume One, Exhibits A through K.
Q. What did this -- what did this report seek to accomplish or convey?
A. It provided the final surface and subsurface characterizations of Site 3, showing the sample locations and boring logs and analytical of what they found.
Q. Okay. And I note that on the cover page it's marked as a draft?
A. Correct.
Q. If you could turn to page Exhibit

57-19.
A. Okay.
Q. If you could look to paragraph 5.3 in the second paragraph that begins at 50 by 50 grid?
A. Yes.
Q. If you could read that, please?
A. "The 50 by 50 grid was established on Site 3, so that random sampling points could be created at the intersection of the grid lines.

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A. It depicts a boring log for location B3-15 that was conducted by ELM Consultants.
Q. Okay. So, is this the company that actually did all the soil borings or reported on all the soil borings?
A. Yes, I believe so.
Q. So, this is basically a boring -soil boring report; is that a fair description and of not please describe it fairly?
A. It's a report that discusses all the sample locations and provides all the backup documents that they used to -- you know, where they took the samples, the boring logs for the description of the geology and the analytical results that they found.
Q. Okay. And was this report submitted to USEPA, if you know?
A. I don't know off the top of my head. I would assume it was utilized in some way.
Q. Okay. Do you know whether the Board relied upon this report in coming to its interim opinion and order?
A. I don't recall off the top of my head.
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soil core samples drilled at a depth of four feet."
Q. Okay. So, the Board Order did site ELM, and apparently the Board relied on this report, in drafting and arriving at its interim opinion and order; is that accurate?
A. I would assume so.
Q. If you could turn to Exhibit 20 -excuse me, 06, which is Mr. Dorgan's initial report, and this is the first hearing map.

It's Mr. Dorgan's initial expert report.
If you could turn to 06-25.
A. Yes.
Q. Do you recall this document?
A. Vaguely, yes.
Q. Can you go to the bottom of this
document where is says "Legend"?
A. Yes.
Q. And what is the first line?
A. "ELM boring location 1999."
Q. Okay. And this is a figure from Mr. Dorgan's initial expert report of March 16, 2015?
A. Yes. Yes.

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foundation. He didn't draft this document, and the document appears to be saying how it's denoting $B 3-X X$ is an ELM boring.

HEARING OFFICER HALLORAN: No, I'll
allow it. He can say, you know, what he thinks this means. You can take it up on recross.

MS. BRICE: No problem.

HEARING OFFICER HALLORAN: Okay,
thank you. Overruled.

THE WITNESS: I would assume that the boring locations depicted on this map came from the ELM boring location -- form the ELM report from 1999. BY MS. O'LAUGHLIN:
Q. Thank you. And that's the same report that you used in creating your base map for the second round?
A. Yes.
Q. Thank you. I wanted to use --
yesterday Ms. Brice asked you some questions about a demonstrative exhibit they had regarding the construction of Detour Road A.

Do you recall that?
A. I'm not sure which demonstrative.

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Q. I'm not sure which demonstrative
either.
Off the record.
MS. O'LAUGHLIN: Off the record real
quickly.
HEARING OFFICER HALLORAN: Sure, off
the record.
(Discussion off the record.)
HEARING OFFICER HALLORAN: Back on
the record.
You may proceed, Ms. O'Laughlin. BY MS. O'LAUGHLIN:
Q. Mr. Gobelman, yesterday Ms. Brice
asked you some questions about Exhibit 204-41A; do you recall?
A. Yes.
Q. And what is this figure for 204-41A?
A. It's setting out the Site 6
stationing for Greenwood Avenue and a
cross-section of the -- in essence, the geology
that was expanding the IDOT plans associated with
the embankment work to be done on Greenwood Avenue.
Q. Okay. And you talked about black

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cinder fill. What does this marking -- you know, the orange marking of block cinder fill. What does that mean to you?
A. That was what was the black cinder fill and the peat beneath it was loaded in the information provided to the contractor in a cross-section in the as-built bulletin -- well, still in the active plans. It was in the original plans.

It provided them with the information on the -- what was going to be beneath the grade of -- well, some of these grades on Greenwood Avenue, so that they would know what needed -- what types of material they would be encountering.
Q. Okay. And this area 7.0 matches up with the station at Greenwood Avenue up at the top, correct?
A. Yes.
Q. In the direct testimony, as you did in your first round of hearing, you stated that the as-built plans indicated the road would begin at approximately 7 plus 60?
A. Construction on the Greenwood Avenue embankment begins at 7 plus 60.

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Q. Okay.
A. No construction on Greenwood Avenue occurs to the east of the station, other than at the end of the project, it was -- the pavement was resurfaced back to 7 plus 00 for a smooth (inaudible) for new construction.
Q. Okay. So, there was no embankment
east of 7?
A. No subsurface excavation in the Greenwood Avenue.
Q. Okay. If you could turn to 21A-72.
A. Twenty-one? Okay.
Q. What is shown on this page?
A. The pictures in the binders are upside down.
Q. 21A-72.
A. Seventy-two?
Q. Yes, 72.

MS. BRICE: We don't have that.
BY MS. O'LAUGHLIN:
Q. As you said, it's upside down?
A. Yes.
Q. In looking at this document, the
exhibit number should be on the top left.

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A. Yes.
Q. So, what does this page show?
A. It is the cross-section for the

Greenwood Avenue, as in the figure that was being used showing the existing grade and future grade of Greenwood Avenue that provides information regarding the geology, and what potential unsuitable material may be lying beneath Greenwood Avenue. That figure was just for the contractors information.

The cross-sections --
Q. I'm sorry, what document is just for the contractor's information? Is that 21A-24 that says, "For information only"; is that what you're referring to?
A. $21 A-26$.
Q. Twenty-six. Where it says, "For information only"?
A. For information only. It gives the existing grade, future grade of both Greenwood Avenue and Sands Street.
Q. Okay. So, you are back to page 72, right?
A. Seventy-two. This provides the

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contractor exactly what he needs to remove. As I stated earlier, construction for the embankment does not start until 7 plus 60, and you can see at the bottom cross section, there's a circle on the right that says "7 plus 60." That is the beginning of excavation.

If excavation started at 7 plus 00 , or 6 plus 00 , there would be cross-sections showing those locations because those cross-sections go in every hundred-foot intervals, unless there's something in between that 100 foot that the contractor needs to be aware of.
Q. Such as this at 7.60, not 7.0?
A. Right, because there was nothing to occur at 7.0. It's the beginning of the excavation. And in here, it says that there was 190 square yards of unsuitable material that needs to be the removed in this area.
Q. Okay. And these are the construction
plans for the embankment?
A. Yes.
Q. And there are no construction plans
for an embankment east of 7 plus 60?
A. There is no subsurface excavation

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requirement to the east of 7 plus 60.
Q. And this is for the Greenwood Avenue construction?
A. Correct.
Q. Okay. Again, just to make the record clear, 7.60 is approximately a little bit more than halfway between 7 and 8, which is approximately west of station -- of 4 S that we referred to in this hearing; is that right?
A. I believe so, but I would have to look. Yes, I would say that's -- on this figure that's been shown here it's -- 7 plus 60 would be slightly west of 4 S .
Q. Correct. Mr. Gobelman, in your experience in your work, and your work experience, have you ever been involved with submitting plans to the USEPA?
A. I submitted work plans and final reports to USEPA regarding PCB cleanups.
Q. Okay. In your experience, does USEPA independently verify the accuracy of any maps provided in such reports?
A. I have not found that they did.
Q. They approve the report, or don't

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approve the report with comments, et cetera, but they don't specifically verify the accuracy of a map, in your experience?
A. I haven't found them to do that.
Q. Do they typically, in responding to a report, specifically approve every map and verify every map within a report?
A. They approve the reports, and what's in it.
Q. Okay. But they don't specifically verify of the accuracy of every map that's contained within the report?
A. They don't spell it out.
Q. Okay. Mr. Gobelman, for this second hearing round, you created a base map?
A. Yes.
Q. And you did not use the map that you used in the first hearing round, Exhibit 202, which we've looked at a couple of times?
A. Correct.
Q. Okay. So, what was your goal in creating a base map for this second hearing round? Was it to show the utility distribution?
A. It was to come up with a map that I

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could, as accurately as possible, assess IDOT's allocation, in regards to how the Board rules, and I needed something that was as accurate as possible.

That wasn't just a pdf that was just scanned into an attachment file.
Q. If you could turn to Exhibit 204, and, Mr. Dorgan's Figure 1, 204-38, the utility information's not -- there is a lot of information on this right here, and it's not -- am I correct in assuming it's stating that you wanted to create a number of figures to show each utility, rather than doubling it altogether in one figure?

MS. BRICE: Ellen, just for clarification where are you?

MS. O'LAUGHLIN: I'm sorry. Yes, please stop me. 204-38.

MS. BRICE: Okay. Thank you.
THE WITNESS:
A. Early in the process my thought was to simplify the viewing of figures and try to, in essence, create a map for each utility that is being discussed, so it doesn't get lost in the number of other utilities that are marked on the

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map.
BY MS. O'LAUGHLIN:
Q. Okay. During Johns Manville's cross-examination, I just want to clarify a point regarding the Waukegan water line.
A. Okay.
Q. Did the location of the Waukegan
water line change in your figures from your report for the second round of hearings to your supplemental report? Did the Waukegan line water change?
A. The first hearing --
Q. I'm sorry, yes. Let me ask it again.

So, for this second hearing round, you have a report and a supplemental reporter?
A. Correct.
Q. Okay. Does the location of the

Waukegan water line change from your report to your supplemental report? Just the second hearing.
A. Its location moves. Its location moves in the same layout of this location within 0393.
Q. What pages are you looking at?

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A. I'm looking at 205-24 and 207-15.
Q. Now, in your report, in your
supplemental report?
A. Correct.

HEARING OFFICER HALLORAN: 205 what,
Mr. Gobelman?
THE WITNESS: 205-24.
HEARING OFFICER HALLORAN: All right.
Thank you.
BY MS. O'LAUGHLIN:
Q. Okay. So does the actual location of the Waukegan water line change, or is it just in relation to all the other things you depict?
A. How it plays into 0393 doesn't
change. It's just that when the north edge where things were tied into the northern edge, when they dropped ten feet back down to be where the right-of-way actually is, the entire water line drops that ten feet as well, but it's still within the same -- it still lays in 0393 the same.
Q. Right, and then from the first hearing round, the Waukegan water line -- we talked about this on direct.

The Waukegan water line was bound to be

[^31]further north than the record reflected in the first hearing round; is that accurate?

I just want to clarify that the Waukegan line didn't change in the second hearing round, it changed from the first to the second?

MS. BRICE: Objection to the form of the question, vague.

THE WITNESS: Yes, could you rephrase that, Ms. O'Laughlin? MS. O'LAUGHLIN: Yes. I agree. BY MS. O'LAUGHLIN:
Q. So, you corrected the location of the Waukegan water line from the first hearing -- from where it was depicted in the first round of hearings, to this round of hearing, the second one, if you recall?
A. During the remediation, it was found that the water line was not located where they originally thought it was located. The water line had to be adjusted. The location, in essence, is adjusted 50 feet to the north.
Q. Okay. Thank you. I just wanted the record to be clear regarding that location. Thank you for that clarification.

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Your bibliography -- your bibliography cites
a work plan; is that correct? In your
bibliography can be found in Exhibit 205-36?
A. Okay.
Q. If you could go to seven.
A. Yes.
Q. Of the document cited in your
bibliography, what is your -- what is it that you sited in number 7?
A. AECOM. Removal Action Work Plan, Revision Two, Southwestern Site Area, Site 3, 4-5 and 6, Johns Mansville Site Waukegan, Illinois, March 31, 2014.

HEARING OFFICER HALLORAN: Ms.
O'Laughlin, is that 205-36.
MS. O'LAUGHLIN: Yes.
HEARING OFFICER HALLORAN: I don't
see that happen. I'm looking at the book she gave me. It jumps from 32 to 42. No, 33 to 43.
(Discussion off the record.)
BY MS. O'LAUGHLIN:
Q. And what was this plan? What was the removal action of the plan?
A. It was the work plan that was going

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to be used for remediation at those various sites.
Q. Is it a reliable plan?
A. I would take it as a reliable plan.
Q. As far as you know, did AECOM that did the remediation, rely on the work plan?
A. They relied on the work plan, they took the work plan.
Q. And you used this work plan as support for your expert report?
A. Yes.
Q. Mr. Gobelman, I want to ask you about this concept of the next clean boring -- going all the way to halfway to the next clean boring. Okay?

Johns Manville asked you questions about that. And I think that this is a figure which will explain what you did.

Just tell me first if before -- it's Figure 8. I'm just asking if you if this is the right figure.

Does the figure -- would this be able to explain what you did, in terms of boring halfway to the next big boring?
A. Again, we'll figure it out.

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Q. Well, you know what, I'll show that. You testified earlier that in some of your calculations, you did halfway to the next clean boring within site -- the next clean boring within site 0393, and the boring locations referenced by the Board; is that correct?
A. Yes.
Q. Okay. And why did you go halfway to the next clean boring, in that context?
A. In that context, it was -- the Board's ruling only gave the boring locations, and then I applied what this sort of standard acceptable practice, and in this process of going halfway between boring as the extent of contamination associated with that boring, as it relates to another boring that's been contaminated.
Q. Okay. Johns Manville asked you about the concept for a remediation plan, for a remediation project, that you have to remediate to the next clean boring. Do you recall that?

MS. BRICE: Objection,
mischaracterizes his testimony.
HEARING OFFICER HALLORAN: Can you

[^34]rephrase that, please?
BY MS. O'LAUGHLIN:
Q. Sure. Let's go to Exhibit 120-3. If you could turn to 120-3?
A. Okay.
Q. And what is the document in 120?
A. It's a letter from USEPA to LRF,
stating that they reviewed the engineering evaluation and cost analysis report that was dated
-- Revision 1 dated February 6, 2009.
Q. Okay. And turning to paragraph 8 on 120-3, if you can go to that same sentence that begins "The current sampling results that are to be used".
A. "The current sampling results are to be used to determine the status of ACM that needs to be addressed in this report, that it is recommended that the area containing ACM should be depicted as following."

HEARING OFFICER HALLORAN: Ms.
O'Laughlin, I'm not sure I have your exhibit book here, Exhibit 120.

I don't see -- I got 120-3 you said 1, 2, $3 ?$
MS. O'LAUGHLIN: 120-3, yes.

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HEARING OFFICER HALLORAN: And what
date letter we're looking at from USEPA?
MS. O'LAUGHLIN: The beginning of the document is dated February 3rd, 2010.

HEARING OFFICER HALLORAN: Okay.
MS. O'LAUGHLIN: This is a document that Ms. Brice asked Mr. Gobelman about.

HEARING OFFICER HALLORAN: Okay. I
just wasn't finding it. Now Mr. Gobelman is reading paragraph 8 on Exhibit 120-3.

MS. O'LAUGHLIN: Paragraph 9
regarding Figure 8.
HEARING OFFICER HALLORAN: Thank you.
You may proceed. BY MS. O'LAUGHLIN:
Q. So, Mr. Gobelman, these are USEPA comments to the remediation necessary at Johns Manville's facility in Waukegan; is that right?
A. Yes.
Q. Explain the concept of you have to remediate until you find a clean boring?
A. In this case, USEPA wanted all of the asbestos removed within -- you know, in those set corridors in those cases in this area to be

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removed.
To do so, you've to go to the next cleanest boring to let you know that you got all what's in between the two borings.
Q. Right. And in your process to determine IDOT liability, that's a whole different consideration?

It's like comparing apples to oranges, because you just extracted the certain area, not remediation to the next boring? I just want to make it clear.
A. I don't believe the Board's ruling specified. They only specified borings that were liable, not how that's to be interpreted.
Q. Irrespective of whether it was clean or not for remediation, it's the location of the borings, not the concept of the remediation to the next clean boring?
A. The Board didn't make any determination in regards to that.
Q. So much has been made you spent a lot of time in this hearing discussing your math, a lot of witnesses, a lot of effort regarding your base map.

[^36]And if you could turn to page -- the figure in your report that shows the different boundary lines of Site 3. I believe that's 205-43.
A. Okay.
Q. And what is this figure, Exhibit 2, 205-43. I'm sorry, I take that back -- strike that. Strike that I was in the wrong place.

In Exhibit 207 -- I apologize, 207-29.
What is this Exhibit 207-29 from your supplemental report?
A. It shows the layout of the various Site 3 locations, one of them being how the final report from AECQM for Site 3 laid out, lays in, and the Atwell survey that was provided in Mr. Dorgan's report, and then the layout of what Mr . Dorgan used in his expert witness report Figure 1; and then lays in what, in essence, is the new site base map that I used in the supplemental.
Q. Okay. And those are all shown by these all different colored lines surrounding Site 3?
A. Correct.
Q. Okay. And yours is the dotted line?

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A. The black dotted line, yes.
Q. Okay. So, what is the economic
impact of these different site boundaries for
purposes of this?
MS. BRICE: Objection. They have no
economic impact.
HEARING OFFICER HALLORAN: Can you
rephrase that Ms. O'Laughlin?
MS. O'LAUGHLIN: Sure.
HEARING OFFICER HALLORAN: Thank you.
BY MS. O'LAUGHLIN:
Q. The parties here have been discussing
how much, per the Board's order, state
responsibility you believe IDOT should -- what
damages IDOT should be allocated.
Is that a fair summary?
A. I believe that is what this is all
about.
Q. And in terms of figuring out the dollars that IDOT should be allocated, following the Board's interim order, what difference does the different site 3 boundaries, that are depicted in this 207-29 map?
MS. BRICE: Objection, this is would

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be a new opinion?
HEARING OFFICER HALLORAN: What kind of opinion?

MS. BRICE: This would be a new
opinion. There has been nothing discussed in his reporter about comparing economic impacts of the boundaries.

HEARING OFFICER HALLORAN: I think he can answer. Thank you.

THE WITNESS:
A. In the approach that \(I\) took, I believe it would change the percentages marginally. You know, obviously those changes in those buckets would affect the other big items later on how they are adjusted.

Depending on which one you use, the percentages could go off or could go down. I don't know.

BY MS. O'LAUGHLIN:
Q. Okay. So, you were asked about whether the Board found any other party liable, other than IDOT?
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A. Correct.
Q. Did the Board consider culpability of

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any other party or entity in this action?
A. No, if I don't believe so. It just an action against IDOT.
Q. And the Administrative Order on

Consent is with Johns Manville and Commonwealth Edison; is that correct?
A. I believe so.
Q. Did this Board consider the source of
this asbestos-containing materials?
MS. BRICE: Objection, your Honor.
This is outside of the scope of this witness.
HEARING OFFICER HALLORAN: You kind of opened the door, Ms. Brice. So, I can allow a little latitude about third-party I can read the deposition, I think.

You may proceed, but very limited.
THE WITNESS:
Q. Can you repeat the question, please? BY MS. O'LAUGHLIN:
Q. Did the Board consider the source of this asbestos-containing material?
A. I don't believe they did.

MS. O'LAUGHLIN: Can I take just a
minute?
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HEARING OFFICER HALLORAN: One
minute. We're off the record.
(Recess taken.)
HEARING OFFICER HALLORAN: We're back on the record, Pam. Thank you.

MS. O'LAUGHLIN: We have nothing
further at this time.
HEARING OFFICER HALLORAN: Okay.
Thank you. Ms. Brice, are you going to need a minute before your recross, or are you ready to go?

MS. BRICE: I can go.
HEARING OFFICER HALLORAN: We're
taking a minute Pam off the record, please.
(Recess taken.)
HEARING OFFICER HALLORAN: Pam, we're back on the record. Ms. Brice, you may proceed.

MS. BRICE: Yes, thank you. Is the court reporter ready?

RECROSS EXAMINATION
BY MS. BRICE:
Q. Mr. Gobelman, you testified on redirect about Exhibit 203, which is the Board's order. I believe do you recall that?

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Q. Okay. This one, 204-40 -- so, there were at least two sort of construction projects happening right around the same time, right?

You had Detour Road A happening before you could do the embankments, right? So you had two construction projects going on; is that right?
A. Yes, that was discussed in the first hearing there was a sequence of events that had occurred before the embankment could be built.
Q. Okay. But they both were happening right around the same time, correct?

They were both discussed in the same as-built plans, correct?
A. They were both in the plans that the contractor bid on, yes.
Q. Right. Which is 21A, correct?
A. Correct.
Q. Okay. And as we discussed yesterday, the Detour Road A comes into -- and I believe you said abuts Greenwood Avenue here at Station 14 and Station 15 of Detour Road A, correct, which is in Station 15 plus 50?

If you go down below it you, have 7S, which is the 7 S location for the soil boring on
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Greenwood, correct?
A. I believe that's how you have it depicted.
Q. Okay. That's what's on here,
correct?
A. Yes.
Q. Okay. I would like to go back to 204-41A, and you had some testimony about how the Greenwood Avenue embankment construction only went to 7-60, correct?
A. It starts at 7 plus 60 .
Q. Yes. And it goes west?
A. Correct.
Q. Yes. Okay. But, again, the Detour

Road A comes in here east of 7.60 , does it not, and abuts Greenwood Avenue east of 7.60 around -it looks like Station 7, 6 and 5.50 on this figure.

Do you see that? Those are Greenwood Avenue stations?
A. Correct.
Q. Now, you said that these were as-built plans, correct? These figures are based off of, correct, 26 -- 21A-26, correct?

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A. Plans that were built were converted to what was considered the as-built's. Yes.
Q. Okay. And if there was something that changed in what happened from the proposal of the project to the end of the project, that should be denoted on the as-built plans?

MS. O'LAUGHLIN: Objection,
relevance. This goes beyond the parameters of this second round of hearing.

We have rehashed this argument throughout the first round of hearing, and this is a very specific area, so I object on the basis that it's irrelevant to this second round of hearing.

HEARING OFFICER HALLORAN: Overruled. You may answer, if you are able.

THE WITNESS: Can you repeat that one, please? BY MS. BRICE:
Q. Yes. You are dealing with as-built plans. Once the as-built plans are provided -are done, if there has been a change in the construction from the original proposed plans, those as-built plans should have that marked on them, if there was a change; isn't that correct?
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A. Yes, there were changes, yes, they would have been so marked.
Q. Okay. And take a look here at 21A, 26A-1, and does this document -- which is also 21A-26 was just to clarify -- denote any changes with respect to that profile on Greenwood Avenue?
A. In regards for a document that is only going to be utilized for information, that only reflects the work proposed for Greenwood Avenue, there appears to be no changes to the Board-information-only document.
Q. It's a permission-only document that is an as-built plan.

This is what happened -- this is depicting what was done; is that not the case?
A. In this, it does not depict what was done.
Q. It was not depicted what was done?
A. No.
Q. But it is an as-built plan?
A. Yes.
Q. So you are saying as-built plans do not depict what is done?

MS. O'LAUGHLIN: Objection, it

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mischaracterizes his testimony.
He answered her question.
HEARING OFFICER HALLORAN: Do you
want to rephrase that? I think he has answered to the best of his ability.

MS. BRICE: I'm just saying is he
saying --
HEARING OFFICER HALLORAN: I heard
you. You can ask him one more time but that's it. Thank you. BY MS. BRICE:
Q. Are you saying as-built plans should depict the work that was actually done?
A. The as-built plans depict the work that is done. This figure has nothing to do with what is being proposed to be done.
Q. Okay. This figure is in the as-built plans, correct?
A. Correct. As for information, and the contractor received that information; and it would stay in the as-built plans, because it's part of the record that he received the information to be utilized.
Q. Okay. Were you involved in Greenwood
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Avenue project in 1970?
MS. O'LAUGHLIN: Objection,
relevance. Goes beyond the --
MS. BRICE: I'm interpreting the
document to mean something and I want to know if he was involved.

HEARING OFFICER HALLORAN: You may answer, if you're able.

THE WITNESS: I wasn't there in 1971, but if it involved with my years -- 22 years with IDOT dealing with construction plans and know how they're put together. BY MS. BRICE:
Q. Okay. You weren't working for IDOT in 1971, were you?
A. No.
Q. So, you didn't know exactly what was intended, exactly by this document in the as-built plans, do you?
A. Exactly how it's supposed to be interpreted --
Q. No, I'm talking about you do not know about this document, because you were not involved in this project; isn't that correct?

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A. In 1970, no, I was not.

MS. O'LAUGHLIN: Objection, badgering
the witnesses.
HEARING OFFICER HALLORAN: I agree.
He's answered to the best of his ability and you keep going on Ms. Brice. Sustained.

Thanks for standing up for him.
BY MS. BRICE:
Q. Okay. We can back to 204-41A, and I just want to go to 7S, and you were asked some questions about black cinder fill and peat; right? Correct?
A. In regards that it was in the cross section, yes.
Q. Right. And these cross sections are based upon boring logs; isn't that right?
A. They were -- yes, they were based upon technical borings in relationship with what they needed for building the embankment.
Q. Right. And when they do the geotechnical boring logs they show what you're expected to see when you drill down, right?
A. Yes, they give you an idea of what to -- what you expect to encounter, yes.
Q. Okay. These boring logs were done in
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1969, 1970, somewhere around then, correct?
A. It could vary, because a lot of times they'll pull -- if other work was done in that area previously they'll take both geotechnical borings and utilize them and may only spot check, to make sure that the conditions haven't changed.
Q. It's generally around the same time as the as-built drawings are put together, or as the proposed drawings are put together?
A. No.
Q. It's not? So, it could be from 50 years before there going to use the geotechincal borings?
A. If they had one. But, I mean, it's put together years prior to as part of the development of the plans.

There is information that is provided as to how long it took IDOT to put the set plans together.
Q. Okay. But you don't know when these geotechnical borings were taken; is that accurate?
A. I believe that there was some
information in the construction plans that give some borings locations of where some of the

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geotechincal information was provided, just technical stuff.
Q. Did they say when they were taken,

\section*{generally?}
A. In those, it would have probably had a date of when they were done.
Q. Do you recall when they were?
A. No, I don't, off the top of my head.
Q. Where would those be found in 21A-26?
A. I believe they should be in the as-built plans which they were part of it.
Q. I just want to note, for the record, here under \(7 \mathrm{~S}, 6 \mathrm{~S}, 5 \mathrm{~S}\) and 4 S , nowhere below here do you see anything that denotes asbestos being located there, do you?

MS. O'LAUGHLIN: Objection, lack of
foundation. It was never established that asbestos was being tested for.

MS. BRICE: There's nothing that
shows that there's anything there.
HEARING OFFICER HALLORAN: You can bring that up on your re-redirect. He can answer, if he's able. Thank you.

BY MS. BRICE:

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Q. Or break shoes or other miscellaneous
debris?
A. The purpose of the geotechnical boring is to come up with what the geology is and the strength of the different soils that show whether or not an embankment can be placed on it or not.

\section*{Q. Okay. But how do you see}
geotechnical soil borings that talk about debris or other things being found within the soil boring that is being detected, that's being analyzed?
A. It would only be noted if it would cause a problem in the engineering utilization of that material, whether it had voids in it that would have to be removed because of the technical borings are always put for bridge abutments and embankments.

Whether or not debris or material that is found in the borings is going to cause a problem with settlement, in regards to the road, if it's just a scattered material of things that they would not note it.
Q. Okay. I move to strike as
non-responsive.
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I'll move along.
Just a question: Is there anything noted that says there's debris or asbestos-containing material, or anything other than black cinder fill and peat?
A. There's nothing depicted that says anything about that.
Q. There was a recent question about accuracy of maps with the EPA, looking at map accuracy.

I just -- you know, or looks at the maps in general, with respect to reviewing documents submitted to them. Do you remember that?
A. There were questions regarding the review of maps.
Q. Okay. I would just like to pull up on the Board Exhibit 120. If you could just turn to 120-3. This is the document that is from USEPA to Bill Bow providing comments on the EECA.

Okay. I just want to point out they are making comments on Figure 8. Keep going down. On 10. They are making comments on Figure 8. Going down, on 11. They are making comments on Figure 9A. 12 they are making comments on Exhibit 13. 13 they

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are making comment on Figure 14. 14 they are making comments on Figure 15.

Do you see that?
A. Yes.
Q. Thank you.

MS. O'IAUGHLIN: Objection. Is there
a question with regard to this?
MS. BRICE: I asked him if he saw it. BY MS. BRICE:
Q. I would like to ask you also about Exhibit 207-29 that you were asked questions about.
A. Okay.
Q. This is a map from your second expert report, correct?
A. Yes.
Q. Okay. And this map is only comparing Site 3 boundaries between different maps, correct?
A. Correct.
Q. It's not comparing Site 3 boring locations, or the location of the northeast excavation, or the location of the North Shore gas lines, as depicted in the various maps; is that right?

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no liability to IDOT for Detour Road A that falls within Site 6?
A. They did not include those borings.

MS. O'LAUGHLIN: That's all that I
have.
FURTHER RECROSS EXAMINATION
BY MS. BRICE:
Q. One question. And the Board's ruling on the discussion of Detour Road A, did they look at Exhibit 21A-26 at all?
A. I would have to refresh my memory on that. I don't remember.
Q. Okay. In 21A-26 is the foundation for what is going on along Detour -- along Greenwood Avenue; is that not the case?
A. Say that again?
Q. 21A-26 is the document that was used to generate this figure to show the cross-section of Greenwood Avenue, correct?
A. As far as Greenwood Avenue, in relation to the building of the embankment, yes.
Q. Well also in relation to anything that needed to be done along Greenwood Avenue?
A. No, you are incorrect.
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\section*{Q. Okay. Well, that's as your \\ interpretation. The record will reflect -MS. O'LAUGHLIN: Objection}

\section*{argumentative?}

HEARING OFFICER HALLORAN: Sustained,
Mr. Brice.
MS. BRICE: That's it.
HEARING OFFICER HALLORAN: All right.
You may step down, Mr. Gobelman. Thank you.
Ms. O'Laughlin, does IDOT rest their case
in chief?
MS. O'LAUGHLIN: Yes.
HEARING OFFICER HALLORAN: Then we'll
have rebuttal. I think we'll take a lunch, a 60-minute lunch. We'll be back at what,

12:40-ish. Pam, we are off the record. See you in about an hour.
(Recess taken.)
HEARING OFFICER HALLORAN: We are going back on the record. We're in the rebuttal phase of the hearing.

Ms. Brice, for Johns Manville, will be directing Mr. Dorgan, the expert. You may proceed.
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\section*{DIRECT REBUTTAL EXAMINATION}

BY MS. BRICE:
Q. Mr. Dorgan, could you please state your name for the record again?

HEARING OFFICER HALLORAN: You know
what, let's just have Pam swear him in.
MS. BRICE: I'm sorry.
DOUGLAS DORGAN, JR.
was adduced as the witness herein; after having been first duly sworn, testified as follows:

DIRECT REBUTTAL EXAMINATION

BY MS. BRICE:
Q. Mr. Dorgan, good afternoon. Could you please turn to -- we're going to need the Gobelman binder for this, Exhibit 206, please.

Do you have the Gobelman binder in front of you?
A. I do.
Q. Thank you. Are you there?
A. Yes, I am.
Q. Could you identify this document for
me?

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A. This is the my expert rebuttal report of Douglas G. Dorgan, Jr., on damages attribute to IDOT, dated October 25th, 2018.
Q. And you wrote this report in response to what?
A. Mr. Gobelman's rebuttal report.
Q. His initial rebuttal report?
A. That's correct.
Q. Okay. If you could then also turn to 208, which I also belief is in the Gobelman binder, and if you could identify this document for me?
A. This is the expert rebuttal supplemental report for Douglas G. Dorgan, Jr., on damages attributable to IDOT, dated April 30th, 2019 .
Q. And what did you draft this document in response to?
A. This was in response to the supplemental report that Mr . Gobelman prepared.
Q. Okay. Did you reach your opinions in this case to a reasonable degree of scientific certainty?
A. Yes, I did.
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Q. Is that true with respect to both these reports and your testimony?
A. That's correct.
Q. If you'll go back to 206, please, to your first rebuttal report. I would like to go to page 206-4, please. Let me know when you are there.
A. I'm there.
Q. You stated here on the 3rd -- under 2.1 , if you go down under three paragraphs, you say, "Mr. Gobelman does not have a consistent methodology for attributing costs."

Is that true with respect to both of his reports?
A. Yes it is.
Q. Okay. Can you explain to me what you mean by this?
A. He just used different forms of measurement for the different task buckets as he was doing his attributions.
Q. Can you give us examples?
A. Well the two I provided in the report. In one instance, he used linear feet for certain of utility costs and the ACM soil removal

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cost. And then as an alternative used square footage when he was doing his attributions for the northeast excavation.
Q. Have you seen a similar methodology in a cost allocation context?
A. Not necessarily.
Q. You say on the bottom of 206-4 that his report fails to consider why certain cleanup activities were required, and how the scope of the cleanup was driven by site conditions, and were visible where ACM was observed. Do you see that?
A. I do.
Q. Can you explain to me what you mean by this?
A. Here, again, it was the attribution was primarily focused on a limited geography. It just didn't consider fact that certain cleanup that was occurring on the site was being driven by the conditions that were encountered at certain locations.
Q. And were they just being driven by boring locations where IDOT was found liable in some instances?

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A. Yes, they were.
Q. Can you given me some examples?
A. Yes, the borings, for instance, that were identified on the eastern side of parcel 0393.
Q. Okay. And how was that driving?
A. An example would be the North Shore Gas Line and the clean corridor that had to be created.
Q. Can you elaborate?
A. Yes. So, the presence of the asbestos that was in the borings in the North Shore Gas Line on parcel 0393 drove the need for the creation of a clean corridor across all of Site 3.

HEARING OFFICER HALLORAN: Can you speak up a little louder?

MS. BRICE: Did you hear that?
HEARING OFFICER HALLORAN: Yes, I
heard that.
Thank you.
BY MS. BRICE:
Q. If you could please to turn to 206-5.

And here in the second paragraph, you say that
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"Mr. Gobelman report" -- Excuse me, "The Gobelman report also too narrowly limits IDOT's area of liability to the area immediately around soil borings specifically identified by the Board in the order."

What to you mean by this?
A. Well, as we heard testimony earlier, Mr. Gobelman's approach was to look at the specific borings that IDOT was found to be responsible for, and he defined his geography based upon those specific locations, rather than considering all of the work that occurred because of the conditions of those specific locations.
Q. And did he consider what was underneath those borings, in coming up with his calculations?

How much of an area of contamination was underneath the boring?
A. Not necessarily.
Q. Did you hear him testify that he did not do that?
A. Yes, I did.
Q. If you could turn it 206-9. You say
down here under here under 2.3, "Mr. Gobelman
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fails to consider that a soil boring, typically not more than two inches in diameter, is intended to be representative of a larger area."

Can you explain what you mean by this, and how that impacted Mr. Gobelman's report?
A. So, the way in which USEPA required the work we performed, there were individual sample locations, and a sample is this just that. It is a representative sample of a geographic area.

And then based upon that condition in that sample, they would apply that to their entire grid, in this particular case, in many instances.

Whereas, Mr. Gobelman marked out the area represented by the sample, only to align with those very specific boring locations on parcel 0393.
Q. Okay. And here on 206-9, you talk about Mr. Gobelman using inconsistent sources to create his base map and his figures, and then that is inappropriate.

Can you explain his opinion?
A. I think that Mr. Gobelman's base maps changed several times, and I don't think at any
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one point were they accurate. So that as he was making his changes, he was making changes to his attributions; however, I don't think those were accurate, because the base maps that he was using were never accurate.
Q. How does the use of inconsistent sources, to come with a base map, render a base map improper or inaccurate, in your mind?
A. It can just lead to the
inconsistencies of the lack of a good base that's representative of the actual site conditions.
Q. And I'm just going to reference them too, we talked about them a lot. 207 is Mr. Gobelman's supplemental report, correct?
A. I believe that's right.
Q. Okay, and on 207-13, I'll represent to you is his base map, and then he has a number of figures that follow that.

If you would like to take a look at 207, this should be in your book, 207-13 and the figures that follow, I just want to ask you if you think these are accurate?
A. No, I don't.
Q. Okay. You have the same opinion,
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with respect to the figures that were contained in 205, that started with Base Map 205-22 and the figures that followed?
A. Yes, that's correct.
Q. And are Mr. Gobelman's figures and maps different from the USEPA approved AECOM maps?
A. Yes.
Q. Are they different from the maps submitted and relied upon by the Board in the first hearing?
A. Yes.
Q. I would like you to turn to 208, please, and I'm looking at 208-9 and 208-11, and I have boards here of 208-9 and 208-11.

Do you know what these are?
A. 208-9 is a property boundary layout
where I took the original mapping that we had performed, compared that with the mapping that Mr. Gobelman presented in his two rebuttal reports.
Q. Okay. And what color -- and 208-11, Mr. Dorgan, is that a blowup of the northeast section of 208-9?
A. That's correct.
Q. Okay. And what is denoted in yellow?

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A. The lines in yellow are basically the locations that AECOM Consultant Group agreed on.
Q. And those were based upon what
information?
A. They were based upon the information

AECOM had been submitting for their figures for their documents, including their final report.
Q. The AutoCAD materials?
A. That's correct.
Q. And when you first began working on this matter, was Ms. Dutton your CAD person?
A. No, she was not.
Q. She took over for someone else?
A. That's correct.
Q. And started working on the figures
from the materials?
A. That's correct.
Q. AECOM? Sorry, I just talked over
you. From AECOM?
A. That's correct.
Q. Okay. So, you said yellow is your
drawings and AECOM's drawings. What is red?
A. Red would be the boundary that

Mr. Gobelman represented on his first report.
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Q. And what is blue?
A. The boundary that was used in his second report.
Q. Okay. You have state plane coordinates on these maps. Why are these important?
A. They provide the geo location of the various features on the site to a known point.
Q. You have a couple of -- you have a couple of -- you have a notation up here in the left, the excavation test samples, \(1 S\) to 8S, per AECOM document 57-536.

I believe Ms. Dutton testified about this; is that correct?
A. Correct.
Q. Did you agree with Ms. Dutton's testimony about that?
A. Yes, I do.
Q. For one second, I would like to turn to a document Ms. O'Laughlin referred to earlier, which is a report from your first -- from one of your expert reports from the first hearing.

It's exhibit 06, I would like you to go to Figure -- it's 06-25.

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A. Which binder would that be in?
Q. I'm not sure, but I can hand it to you.

I'm not sure it's in a binder, because it was just brought up last month.

MS. BRICE: May I approach?
HEARING OFFICER HALLORAN: Yes, you
may.
BY MS. BRICE:
Q. MR. Dorgan, I'm handing you what is Exhibit 06-25. What is that document?
A. It's a site plan that shows various locations of the test kits and borings at the site.
Q. Okay. And there's a -- here is something of a legend, \(B 3-X X\), and there's a sign. It says, "ELM boring location (1999)."

What were you intending to say to that, with respect to this map?
A. Differentiating which borings were performed by ELM.
Q. Did you use ELM Figure 15, or anything in the ELM report, to locate those borings?
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A. No, I did not.
Q. And how did you locate those borings?
A. I used those based upon the AECOM
drawing that was provided.
Q. Thank you. If you turn back to 208-11, please, and it's comparisons between yours and AECOM's locations in yellow, and Mr.

Gobelman's -- two locations in red and blue.
What does this document tell you about the location of Mr. Gobelman's Site 6 borings in his reports, as compared to yours?
A. Well, what appears -- I think appears
happened, in my belief, and Mr. Gobelman's testified to, when he corrected the location of the northern boundary of Site 6, he fixed all the other locations to it.

So, I ended up moving these boring logs and also moved the features, including the northeast excavation, which is specifically identified in this 208-11.
Q. With respect to the Site 6 boring locations, are the blue and red dots in the same place as your yellow dots, in all instances?
A. No, they are not.
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Q. How do they diverge, as you moved toward the east?
A. His increasingly are placed further west than the locations that were plotted on our drawing.
Q. And what do these documents tell you about the location of Mr . Gobelman's Site 3 borings in his report as compared to yours and AECOM's?
A. They are also not in the same locations.
Q. Can you please describe that for me?
A. So, when he changed his Site 3 boundary for the northern boundary, and shifted everything south, that shifted his borings from his original location approximately 10 feet south and also a little bit east.
Q. Okay. So, his Site 3 borings in blue are further east than your Site 3 borings in yellow, correct?
A. That's correct. Yes.
Q. If you could go to 204-45, please?
A. 204-45 is not in bider.

MS. BRICE: Drew, could you pull up

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204-45 up on the screen, please?
BY MS. BRICE:
Q. 205-45. I'm sorry, I misspoke. I apologize.

Mr. Dorgan, do you recognize this
document?
A. Yes, I do.
Q. And is this the document Mr. Gobelman used to locate the Site 3 borings?
A. I believe it is, yes.
Q. Would you use this document as a source for a base map?
A. No, I would not.
Q. Why not?
A. It's referenced in this document as draft.
Q. Okay. Anything else?
A. It's not the final figure that was
developed. There are later versions of this that further clarify the precise locations with various site features.
Q. Okay. Can you explain to me what you mean? What do you think is wrong with this map?
A. In my opinion, what we're seeing here

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is the northern boundary of Site 3.
It's basically lining up with Greenwood Avenue, the actual pavement, edge of pavement.

And as we've seen in the later documents, that actual boundary has been shifted south, there's a reference on this -- it's very difficult to see.
Q. Can you pull that up, up to the top? There you go.
A. So, there's a reference for an FIP, which would stand for a found iron pipe. The new Site 3 boundary, after the corrections appear to line up very closely with that particular linear feature.
Q. And what does found iron pipe signify to you?
A. Usually that's a survey marker that's been put in ground to designate some sort of a boundary.
Q. Mr. Gobelman's claimed he did hand scaling of this map to determine the location of Site 3 borings. What is your reaction to that?

MS. O'LAUGHLIN: Objection, mischaracterizes Mr. Gobelman's testimony.

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HEARING OFFER HALLORAN: Sustained.
It's not what I remember. You want to rephrase it?

BY MS. BRICE:
Q. Mr. Gobelman claimed he did scaling off of this map to determine the location of the Site 3 borings.

What is your reaction it that?
A. It's a method that can be used, but I would prefer to use something that would provide more accurate measurements which would be the CAD drawings.
Q. From your opinion, 205-45 accurately represent the locations of the Site 3 borings?
A. I don't believe so.
Q. Okay. Let's turn to 208-4, please.
A. I'm there.
Q. Here you say, "In addition to
incorrectly representing the locations of the boring on test pits, the supplemental report changes the location dimensions in the northeast excavation, as well the North Shore gas line in the City of Waukegan water line?"

I can take you back here to 208-9, if you

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would. What does this map tell you about the location -- where Mr . Gobelman placed the location of the Waukegan water line?
A. He shifted it from the first one, the red line, has it further north and then he shifts it to the south, so that it's running roughly with the parcel 0393 boundary.
Q. And what -- is that a correct methodology with respect to a utility to move it on a map?
A. Again, I think what happened here was this he moved it is a boundary for Site 3, a northern boundary. He just shifted everything with it, so it dropped that location of the Waukegan Water line.
Q. Right, but was this supposed to drop that location or was that fixed in space?
A. No, that would be -- the location
shown in yellow is where it was actually located.
Q. And what about the northeast
excavation, what is your opinion about where Mr. Gobelman placed the northeast excavation on his maps, compared to your AECOM's map?
A. Similar to the Waukegan Water line,

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it shifted, as it went from the first report to the second report. It also moved a little bit to the east.

HEARING OFFICER HALLORAN: You are
fading off again, Mr. Gobelman.
THE WITNESS: I'm sorry, it shifted again to the south and to the east, as a result of the change.

BY MS. BRICE:
Q. Well, isn't it larger than it was in the first report? When you look at the red versus the blue?
A. I don't think it's larger in total area, but the area that is currently -- that's on Site 3 is larger.
Q. If you could go back to 206. And I would like to go to page 10.

You say that you're talking about here parcel 0393, correct?
A. That's right.
Q. You say, "Mr. Gobelman focuses on -broadly focuses on soil sample locations within parcel 0393 versus the entire parcel." Why do you say that?

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A. Again, because as I mentioned
earlier, sample locations are representative of a grid area. And my opinion is that the grid area, that work had to be done, because of the results of the boring from that sample.

And, by contrast, Mr. Gobelman just
looked very narrowly at 0393 and did not consider the entire 55, 50 by 50 foot-grid area.
Q. With respect to 0393, do you believe the Board, based upon your interpretation, found that all of 0393 was within IDOT's area of liability?
A. That was my interpretation.
Q. Okay. And what led you to come to this conclusion.
A. I believe the order recognized that IDOT was in control of all of parcel 0393.
Q. And how did that impact their
decision?
A. I'm sorry, I'm not sure I understand.
Q. Sure. So, by controlling it -- I think the order says that, and I could go back to it, but "Continuing to control the portion of parcel 0393 following within Site 3, continues to

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allow ACM placed in that soil."
What does that mean to you?
A. That means that they remain responsible for it.
Q. Okay. How did Mr. Gobelman's failure to include 0393 as part of IDOT's Site 3 area of liability impact his attributions?
A. It limited it for certain task buckets.
Q. On 206-12, you discussed Mr. Gobelman failed to rebut your points concerning IDOT area of liability for Site 6. Do you see that?
A. That's under 2.5?
Q. It's 206-12. Yeah under 2.5..
A. Okay.
Q. Can you elaborate on your view as to his failings as to the Greenwood Avenue construction considerations?
A. Yes. So, in the way that I looked at it, I considered the conditions that were specifically identified in the IDOT borings; and then what that role is, in terms of the rest of the work on Site 6, and also considered the plans that we've looked previously, regarding the

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Greenwood Avenue construction project.
Q. Can you briefly describe what was going on at the intersection of Detour Road A and Greenwood Avenue, with respect to the IDOT work in and around that 1970?

MS. O'LAUGHLIN: Ms. Brice, what
figure are you looking at?
MS. BRICE: 204-40.
THE WITNESS: So, the Greenwood
Avenue was being reconstructed and an embankment was being built.

Detour Road A was coming into Greenwood
Avenue. It provides bypass for traffic during construction.

BY MS. BRICE:
Q. And is that area that you're pointing to here?
A. That's correct.
Q. This is Greenwood Avenue here
labeled, and then the Detour is gray, coming in and around 5S, 6S, 7S; is that right?
A. That's right.
Q. Okay. Keep going.
A. And there's an area where Detour Road
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A crosses into the Greenwood Avenue right-of-way.
So that they can have a tie-in between Greenwood Avenue and the Detour Road A.
Q. Okay. So, what plans do you need to look at, in order to understand what's going on at this interaction between Detour Road A and Greenwood Avenue?
A. It's the Greenwood Avenue cross-sections.
Q. And did the Board, in your opinion, or from your recollection, look at 21A-26, when it made its decision, with respect to Detour Road A in the opinion?
A. I believe that's the correct reference, and it's the Greenwood Avenue is what was considered by the Board.
Q. Right. But did the Board look at 21A-26, when it was rendering its decision on the Detour Road A, or did it look at 21A-23, which is the Detour Road A cross-section? If you don't know, that's fine.
A. I don't believe they ended up considering the Detour Road A cross-section. MS. O'LAUGHLIN: Objection, it's

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HEARING OFFICER HALLORAN: I'll allow it.

MS. O'LAUGHLIN: Okay. The record will reflect what the Board Order says. BY MS. BRICE:
Q. Why is it important to consider, with respect to this area wherein Detour Road A and Greenwood Avenue intersect, why is it important to look at 21A and 26 , which is the cross-section for that area?
A. Because it shows the work that was to be completed by IDOT, as far as that construction effort.
Q. Okay. We've looked quite a bit at 21A-26 and 21A-26A, and this figure of yours, which you drew on, which is 204-41A, correct?
A. That's correct.
Q. Okay. And down here what we have on the bottom is what is shown, including 21A-26, as to what is occurring on the Greenwood Avenue cross-section; is that correct?
A. That's correct.
Q. Okay. Mr. Gobelman said something
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about this being inferred.
What is your reaction to that?
MS. O'LAUGHLIN: Objection, vague.
HEARING OFFER HALLORAN: Rephrase,
please.
BY MS. BRICE:
Q. Mr. Gobelman talked about the portion of this document 21A, 26B inferred.

Do you know what he means by that?
MS. O'LAUGHLIN: Objection.
HEARING OFFICER HALLORAN: I'll allow
it.
THE WITNESS: I believe I do not. I assumed that he's speaking to the cross-section conditions that are reflected past 7S where there's no 8S as a boring location.

So, once it passes 7S, it becomes inferred, unless you could have the additional boring log. BY MS. BRICE:
Q. Okay. Is it inferred at 7S?
A. No.
Q. And in order to create your figure here, 204-41A, you used 21A and 26B that we talked

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about, which are as-built plans; is that right?
A. That's correct.
Q. Can you explain to us the difference between as-built plans and proposed plans?
A. The proposed show what's intended, as far as the construction project and what the initial design is intended to be. The as-built plans refect what's actually built in the field and finished.
Q. Okay. So, if you have as-built plans, and something has changed, what is shown on those as-built plans?
A. Typically, it would be the difference from the original design plans.
Q. Okay. So, it would be marked on
there?
A. In this particular case, yes.
Q. Okay. I'm going to hand you a document from the first hearing that was admitted. This is 21-B, and it's one and then it's also got a 21B-30.

MS. O'LAUGHLIN: Objection, to the
extent this goes beyond Mr. Dorgan's rebuttal report and supplemental rebuttal report.

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MS. BRICE: I believe Mrs. O'Laughlin opened the door on this, asking about proposed plans, and talking about proposed plans and for information only, and again the final plan, the as-built plans.

So, we're just using this to try and show that there was no change between the proposed plan and as-built plans.

HEARING OFFICER HALLORAN: I vaguely
remember Ms. Brice's position on this.
Regardless, I'll allow latitude, but overruled.
You may proceed.
BY MS. BRICE:
Q. Mr. Dorgan, what is this document?
A. $21 B-1$ appears to be the final sheet on the plan set.
Q. And what does it say up at the top
document?
A. It says, "State of Illinois

Department of Public Works and Buildings, Division of Highways, Plans for Proposed Federal Aid Highway.
Q. Okay. If you could turn to page 21B-30. And at the same time, do you happen to

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have a document 21A and 26 in front of you?
MS. BRICE: Or, Drew, can you pull it up on the screen, just the regular 21A-26, please, and blow it up, please.

BY MS. BRICE:
Q. Okay. Mr. Dorgan, in your opinion, how does 21B-30 relate to 21A-26, from the as-built plans?
A. They appear to be the same.
Q. Okay. Are they depicting the same area?
A. Yes.
Q. Okay. And has this area to the far left, on the top figure that has the peat marked as unsuitable material, is that different at all on the proposed plans and the as-built plans?
A. No, it's not.
Q. So, what does that mean had to happen
at that location, which I think is depicted over here on 204-41A, correct?
A. That's correct.
Q. What had to happen there?
A. In my opinion, that reflects that
those materials had to be removed.

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Q. Why did it have to be remove?
A. It says it's unsuitable material to be removed.
Q. Okay. What did they have to do here in sample 7S? What did they have to do at this 7S location, based on that document?
A. They would have had to excavate down to the bottom of the black peat and replace it with suitable build material.
Q. So, excavate down to 582-and-a-halfish?
A. Ms. Brice, if I may?
Q. Yes.
A. Your looking at Station 7 not the

Sample 7.
Q. Oh, I'm sorry. Now I'm looking at Sample 7. Right there.
A. Yes, but the cross-section is referring to Station 7 .
Q. I'm sorry, I'm confused. Can you explain?
A. Yes, the stationing is referenced across the bottom.
Q. I want you to talk about what's going

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on at Sample 7.
A. At sample 7?
Q. Yes.
A. It would be the depth down to the bottom of -- the bottom of the unsuitable fill.
Q. And what level was that?
A. Roughly 583 and three-quarters.
Q. Okay. And then what would have to
have happened?
A. It would have to have been back
filled up to the proposed grade.
Q. And what is the proposed grade?
A. 589 roughly, 588 and three-quarters.
Q. Okay. And in the boring logs that you looked at -- you've looked at boring logs for 7S have you not?
A. Yes, I have.
Q. Okay. Is there any mention of black cindery fill or peat in those boring logs?
A. No there's not.
Q. And those 7S boring logs were taken in the -- after 1999, correct?
A. That's right.
Q. So many years after this work was

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done?
A. That's correct.
Q. What this is showing here is around 1970; is that correct? What was happening here?
A. That's my understanding.
Q. By here, I mean here sort of what's being shown in 21A-26.

And in your experience, are geotechnical boring logs usually taken in close time in proximity to the project?
A. Generally, they are shortly before the project design is done.
Q. And in your opinion, do geotechnical boring logs typically denote debris, if there is debris found in them?
A. They oftentimes do.
Q. Okay. How often?
A. Often and I wouldn't say 100 percent of the time, but most of the time they do.
Q. To you, what, if anything, was the most important aspect of Mr . Peterson's observations from the photographs?
A. Just the consistency of the layer that was observed with the asbestos in it across

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from 1S to 9S.
Q. Can you elaborate on that? Is that something you would expect to find?
A. The appearance from the photographs, and as it was described my Mr. Peterson, is you see a consistency, without any break point. So, what appeared to be a material that was that all placed at the same time.
Q. If the base map Mr. Gobelman is using is inaccurate, what does that mean for the work required by USEPA?
A. It would have been done in the wrong location.
Q. Okay. I'm going to turn now to some of the attribution issues. I would like to talk about the northeast excavation on Site 3.

And we've gone through a lot of these calculations, so I'm not to go through everything again.

If you could turn to 207-18, please.
Tell me when you are there?
A. I'm there.
Q. Mr. Gobelman used this map to reach his attributions.

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[^41]line?
A. Where it runs from 1S, 2S, 3S and 4S as well.
Q. Okay. And on your Dorgan Figure 1, 204-38, does a ComEd fiber optic line run through the third grid, the furthest to the east grid, that has B3-46 in it as well?
A. I guess it does.
Q. Mr. Gobelman's northeast excavation attributions are based upon square footage, right?
A. That's correct.
Q. Okay. You heard me talk with him about his calculation of his numerator, which is 1,889 square feet.

Do you recall that?
A. I recall discussing it, the specific number, perhaps not.
Q. Okay. Let's turn back to 207-18.
A. I'm there.
Q. Okay. Do you see that number on this
page?
A. Can you repeat the number, please?
Q. $\quad 1889$.
A. Yes.

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Q. Okay. Do you believe Mr. Gobelman has placed the northeast excavation in the correct place?
A. No.
Q. Okay. Again, if it's been placed further to the east, how does that impact his allocation?
A. Under his allocation method, it would limit it, lower it.
Q. And what is your overall opinion about his attribution?
A. Again, that he misconstrues the requirements relative to the borings that drove the cleanup of the various grids for the northeast excavation.
Q. Let's look at the Waukegan water line and we looked at this on 208-9, and I believe you testified you believe the Waukegan water line is in the wrong location; is that correct?
A. On Mr. Gobelman's figures, yes.
Q. If it were in the right location, and

I think this is consistent with your opinion, a 012323100 percent of it would be given to IDOT, correct?

[^42]Q. At the time of the first hearing, were there any borings contaminated along the Waukegan waterline within 0393?
A. No.
Q. After the exact location of the Waukegan water line was collected, so after the first hearing, are there any borings contaminated along long the Waukegan water lines in 0393?
A. I recall that's there, I believe, one.
Q. If you could turn to 206-12, please, and I would like to talk a bit about AT\&T.

You take issue with Mr. Gobelman's approach to the AT\&T lines. And as we discussed, and he discussed, he divided 199 by 1060, to get to 18.8 percent.

So if we stick with his method alone, what is your opinion on his numerator, 199 feet, that he believe fell within 0393? I believe that is going to be on his figure 207-18. Give me one second, I'll get there.
A. 207-16?
Q. Yes, 207-16. Thank you very much.
A. Sorry, repeat your question.

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Q. So, Mr. Gobelman basically calculated the linear feet of what he felt fell within 0393, or what he felt fell next to the boring locations on Site 3, correct, for his AT\&T Site 3 attribution?
A. That's correct.
Q. Okay. And he went to B3-26 because that was the next cleanest boring, I believe he testified to?
A. I believe that's correct.
Q. Is his B3-26 in the same location as your B3-26?
A. No, it's not.
Q. I would like to turn to the AT\&T lines Site 6.

Mr. Gobelman's attributions is based on his belief that the AT\&T lines ran the entire length of the north side and south side of Site 6. Do you recall that?
A. Yes, I do.
Q. And did Dr. Ebihara and Mr. Peterson testify about that?
A. Yes, they did.
Q. And what did they say?

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A. They said that the lines ran for a segment of Site 6 and then came out ground and went on poles for the rest of the lines for Site 6.
Q. Was any work done with respect to the poles?
A. No.
Q. So was Mr. Gobelman -- what's your impression of Mr . Gobelman using that his denominator for, $I$ believe, three of his cost categories?
A. It's over estimating.
Q. How would that impact his
attributions?
A. They would lower them.
Q. What would lower them?
A. The denominator being larger and would lower the attribution.
Q. Okay. So, if he had gotten it right, the attribution would be more?
A. It would be larger, yes.
Q. And did you make any assumption about the length of the lines reaching your AT\&T Site 6 attribution?

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A. No.
Q. Do you have any opinion about his numerator here on Site 6, which I believe, if we go to 205 or 206 -- let's look at 207, 207 of 4, and he's talking about his -- it's 90 feet. He comes up with 90 feet which he says is what area? If you turn the page, I think he describes it.
A. I'm sorry, I am looking a look for the 90 feet. Here it is. On Site 6?
Q. Uh-huh.
A. Yes. So, he defined that as the location where the line came out of Site 3 and traversed from roughly $4 S$-- between $4 S$ and $5 S$ of his area of liability.
Q. Okay. Are his $4 S$ and 5 S in the same place as your 4S and 5S?
A. No, they are not.
Q. You say on 206-13 -- let's go there.

We're talking about ACM soil sample.
You say that -- turn to 206-14 on the
next page. You say that he made an incorrect
assumption. What assumption was this?
A. That clean corridors were created

[^46]along the entire length of Site 6 on both the north and south sides of Greenwood.
Q. How do you know that's not true?
A. That is not what the record reflects.
Q. Did you make the same assumption when doing your calculations for the north side and south side of Site 6?
A. I did not.
Q. He says on 205 -- and he talks about this more on 205 than he does in his other report. If could to go to 205-11, he says here that the numerator he used to calculate the percentage is 197 linear feet, which is the distance from the western edge of Site 6 to the 4.5S.

Do you see that?
A. Yes, I do.
Q. If you go back to 208-11, if you were measuring using your borings in yellow, from the western edge of Site 6 to $4.5 S$, would you come up with the same calculation?
A. No.
Q. And why is that?
A. My length would be slightly longer

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based upon on the location -- the actual location of $4 S$.
Q. Let's talk a little bit about the North Shore gas line.

On 206-11, you don't need to turn to it.
You disagree with his opinion regarding the cost for the North Shore gas line on Site 3.

Can you just explain the nature of your disagreement?
A. I'm considering all of the North Shore gas line work to be attributable for the IDOT main corridor was needed because of the borings that are specially referenced on parcel 0393 in the Board Order.

By contrast, Mr. Gobelman calculated an area of the corridor that falls within parcel 0393.
Q. As to the North Shore gas line on Site 6 attribution, you make the point that at the time of the EAM, there was no ACM east of 8 S . Why is that relevant?
A. Because the EPA was making the determination of what they were requiring based upon the sample results from $1 S$ to $8 S$ and

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extending it to the whole length of the border.
So, at the time that the enforcement
memorandum was written, they knew that there was asbestos present from 1 S to 8 S , but they still required a clean corridor to extend past $8 S$ for the utility lines.

So, it was the presence of ACM from 1 S to 8S that required the entire clean corridor.
Q. I believe you testified earlier your opinion on that wouldn't change, it was from 15 to 4S, correct?
A. That's is correct.
Q. On 205-12, Mr. Gobelman says, "It was the length of the North Shore gas line along line the south side of Site 6 is 2,005 linear feet," and he attributes that to you.

Is that what you said?
A. I don't believe so.
Q. What did you say? I think it's

204-24.
A. My calculation was predicated on the entire length of the North Shore Gas Line, which ran both on the south and the north side of Site 6 at different locations.

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Q. And, so, he used this 2,005 linear feet as his denominator, correct?
A. That's correct.
Q. Okay. How did that impact his attribution?
A. Increasing the larger denominator with the smaller numerator led to a smaller attribution.
Q. In his supplemental report, Mr. Gobelman says the North Shore Gas lines runs through 72 feet of the IDOT area liability on Site 6.

Can you take a look at 207-17. Okay?
A. Yes.
Q. Can you describe for me where that

9 -- 72 feet was located?
A. I believe that is the calculation
that he did to measure from where the North Shore gas line entered Site 6 to sample location on 6S.
Q. 6S?
A. Yes.
Q. Let's go back and look at that. I am not sure if that's right. Let's go to 207 --
A. Excuse me, I see what he did. Would

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you like me to clarify that?
Q. Please.
A. So, on Exhibit 17, he has two
measurements, which I believe he then adds.
And the first measurement is as it enter
Site 6 running to roughly just west of 4 S. Then a second measurement that measures from that location to halfway between 4 S and 5S.
Q. Okay. And is that the 72 feet?
A. That looks like it would add up to

72 feet.
Q. And his measurement here -- didn't go to the next cleanest boring did it?
A. Know it did not.
Q. Let's talk about dewatering for a moment. On 206-14 you said that his dewatering attributions were incorrect, because they predicated upon other incorrect attributions in a plot map.

Can you explain that, please?
A. 206-14 regarding dewatering?
Q. Yes, dewatering Site 3.
A. I believe he used the same understanding of the entire length of both the

[^48]north and south sides of Site 6 to calculate his total area of work.
Q. Let's look at this again. I'm talking about Site 3 not Site 6. 206-14, Site 3 dewatering, he said he used Nicor, North Shore Gas, the northeast excavation, the Waukegan water line, and he used a method similar to you.
A. I'm sorry, Ms. Brice, I don't know that I'm in the right location. 206-14?
Q. Yes. Maybe I'm in the wrong location, then, because I just had you talking about -- you know what, it must be back in the 205. Hold on, give me a second.

Let's go back to 205. I apologize. I was not as organized as I was earlier. It's been a long day.

Let's go to 205, 205-14, not 206-14. My bad. I was off by a number. 205-14. He used these dewatering calculations involving Nicor and North Shore Gas, City of Waukegan line in the northeast excavation, correct?
A. That's correct.
Q. And he attributed nothing to the

[^49]Nicor Gas line and City of Waukegan line; is that correct?
A. That's correct.
Q. But you would have attributed
something to the City of Waukegan water line, right?
A. That is correct.
Q. And in your report -- go to 205-15.

How did Mr. Gobelman arrive at his attribution for dewatering on Site 6?
A. He would have the final work plan at the length of the work on the south side of Site 6 would be 419 linear feet.
Q. And then what did he do?
A. He then considered how much of the length was in what he considered to be IDOT's area of liability, which I believe was 197 linear feet.
Q. Okay. And we talked about that same measurement a few minutes ago of 197 linear feet, which is from the western edge of Site 6 to 4.5s. Would your opinion be the same with respect to Site 6 dewatering as it was with respect to that measurement we discussed earlier?
A. Yes.

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Q. What is your opinion about this 419
feet? Did you believe it to be accurate? He's measuring from 1 S to 9 S .
A. It's the difference in the approach where he's trying to take a measurement for something that was done collectively between the north and south side of Site 6. So, I just don't think it's an appropriate way to try to attribute the dewatering process.
Q. Okay. And his 1 S to 9 S would be different from your 1S to 9S, because the Site 6 borings are in different locations?
A. That is correct.
Q. Okay. Mr. Dorgan, can you turn to 205-28, please? Let me know when you are there.
A. I'm there.
Q. Okay. Did you hear Mr. Gobelman testify that he believed the ramp to be that area that is denoted as a ramp in a cross-hatched area with a box around it?
A. Yes.
Q. Is that the ramp?
A. No, that's not the context of how it was being used in my report.

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Q. Okay. Where is the ramp?
A. The ramp is the embankment that runs
along the south side of Greenwood Avenue.
Q. How far east does it go?
A. I believe nearly the entire length of
0393.
Q. What work was done in the embankment?

In the ramp. I'm sorry, pardon me.
A. As I testified earlier, it was the work AECOM undertook to sample the ramp area, in order to avoid having to put a cap on the slope of the embankment.
Q. Okay. And did they take soil
borings?
A. Yes, they did.
Q. Did they find asbestos-containing material to within 0393?
A. Yes, they did.
Q. On 205-29, Mr. Gobelman has been using an area approach for Site 3 filling and capping.

Your method looked at the task buckets driving the remedy; is that right?
A. Okay. Could you just restate that,

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please?
Q. Sure. He uses an approach for Site 3 filling and capping that looked in an area, and your approach looked at what task buckets were driving the remedy for cap in Site 3; is that right?
A. Generally, yes.
Q. Okay. What do you believe is wrong with his method?
A. Similar to the other instances where he is narrowing and defining IDOT's responsibility as being only the work for filling the capping that was done within Site 3. -- or, excuse me, parcel 0393. I'm sorry.
Q. Right. And what did you do?
A. I attributed it based upon what the driver was out of the Enforcement Action Memo.
Q. Okay. And he measured this . 208
acres based upon where he places soil borings on Site 3, correct?
A. Yes, that's correct.
Q. And do you believe his placement of the soil borings on Site 3 are accurate?
A. No.

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Q. So would this affect his attribution?
A. Yes.
Q. Okay. 2015-16, please, filling and
capping for Site 6. Again, we have this 5,470
linear foot number that he uses as a denominator.
Again, what is your opinion on that?
A. That's overstated.
Q. And why is that?
A. Because filling the capping wasn't done on the entire length of the north and south side of Site 6.
Q. Again, we're seeing this 197 linear feet that you've testified about.

Would your opinion be the same here, with respect to that measurement?
A. Yes.
Q. Did your attribution for filling on Site 3 rely on measuring distances?
A. No.
Q. I didn't go through the Site 3 and 6 task buckets for all of these; but just for clarity, to the extent that there is something wrong with the attribution in either the Site 3 task bucket or the Site 6 task bucket, when you

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come together and create the combined Site 3 task bucket, how would that affect the attributions?
A. They would trickle down to the rest of them.
Q. Similar question: Turning here to demonstrative Exhibit 245, "Task buckets used as inputs by both experts to determine oversight in support services task bucket attributions."

Do you see that?
A. Yes, I do.
Q. Okay. You know, Mr. Gobelman, you used the same methodology we've established.

You say that Mr. Gobelman has calculated IDOT's share of the construction-related costs. Because he miscalculated IDOT's share of construction-related costs, all of his calculations for the site-wide cost categories are incorrect, unreasonable and unreliable. That's from your report of the 206-15.

Can you explain that opinion with reference to this demonstrative?
A. I saw the top of the demonstrative shows which elements of the work were performed and factored into each of the individual

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categories.
And then the table below it provides the comparison between the attribution calculations that Mr. Gobelman made and the calculations that I had made.

It simply demonstrates how if there's a difference in any one of the individual construction element attributions, it will end up being reflected as a change in all of the general site attributions that were made.
Q. Okay. So, it's all connected?
A. Yes.
Q. Is that a good way to put it? Okay. And that's true, with respect to all of these oversight support services task buckets, type 3 prep, Site 6 prep, site 3-6 prep, health and safety, Site 3 oversight, Site 6, oversight and legal; is that correct?
A. That's correct.
Q. Okay. A couple of last questions.

In your attributions, if your numerator is smaller, how does that affect your attribution, with respect to calculations that you and Mr . Gobelman did?

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A. It would make them smaller.
Q. Okay. And if your denominator is larger, how does it impact them?
A. It would also make them smaller.

MS. BRICE: I have no further
questions.
HEARING OFFICER HALLORAN: Ms.
O'Laughlin, do you need a few moments?
MS. O'LAUGHLIN: We can take a break.
HEARING OFFICER HALLORAN: What are
you thinking, 15 minutes, no longer. Thank you.
Pam, we're leaving for 15. Off the
record. Thank you.
(Recess taken.)
HEARING OFFICER HALLORAN: We're
going back on the record. We have Ms. O'Laughlin crossing JM's rebuttal expert, Mr. Dorgan. You may proceed. Thank you.

CROSS REBUTTAL EXAMINATION

BY MS. O'LAUGHLIN:
Q. Good afternoon, Mr. Dorgan.
A. Good afternoon.
Q. You testified that you had relied on AECOM to provide you a CAD file in the production

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of your map?
A. That's correct.
Q. Okay. And did you produce that CAD
file to IDOT?
A. I believe we produced the CAD file to you in my depositions.
Q. And would that deposition have
occurred on June 12th, 2019?
A. Sounds about right.
Q. It's your second deposition, at least
that's what my notes reflect. During that
deposition, it came out that a CAD file was never produced to IDOT?

MS. BRICE: Objection. That misrepresents the record.

HEARING OFFICER HALLORAN: Ms.
O'Laughlin?
MS. O'LAUGHLIN: That's
correspondence between the parties.
HEARING OFFICER HALLORAN: I didn't hear what Ms. Brice was saying. It misrepresents evidence?

MS. BRICE: It misrepresents correspondence between the parties. I have an

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e-mail where we discussed it.
We had produced it printed format, and
we showed we produced some of those earlier, 67
documents and showed them to some of the
witnesses. They had the CAD drawings on them.
MS. O'LAUGHLIN: Okay, it's a
speaking objection where she's putting in her argument.

HEARING OFFICER HALLORAN: I'm trying to figure out what you're trying to get at, what question, because --

MS. O'LAUGHLIN: Can I ask the question?

HEARING OFFICER HALLORAN: Go ahead, and then Ms. Brice can made an objection. I'm not sure what you were asking. BY MS. O'LAUGHLIN:

## Q. What is a is CAD file?

A. A CAD file is a digital format of a document that's created inside the AutoCAD software.
Q. And you relied on that CAD file in the production of your map that you produced in your expert report in this second round of

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hearings?
A. That's correct.
Q. As we were discussing -- before the
objection. It was discovered during your June 2019 deposition that Johns Manville had not produced this CAD electronic file to IDOT; is that true?

HEARING OFFER HALLORAN: Ms. Brice?
MS. BRICE: That's okay. As long as
she is having it identified by the electronic aspect of the file, I'm okay with the question. HEARING OFFICER HALLORAN: Thank you. BY MS. O'LAUGHLIN:
Q. So, the electronic file, we discovered during you June 2019 deposition, had not been produced to IDOT; is that your recollection?
A. I believe at the deposition we had discussion as to whether it had; and if it had not, that we would. I believe we subsequently did.
Q. You subsequently produced that electronic file to IDOT after your June 2019 deposition?

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A. That's correct.
Q. Okay. And your expert report, in the second round, is dated June 13, 2018; is that correct?
A. That's correct.
Q. And your expert rebuttal report is

October 25th, 2018, and your expert rebuttal supplemental is dated April 30th, 2019; is that correct?
A. Those sound like the correct dates.
Q. And all those dates occur before June of 2019?
A. That's that correct.
Q. You spent some time going over -turning to Exhibit 208-11 and 208-9 --
A. Yes.
Q. You identified those?
A. Yes, I believe we discussed those previously.
Q. And you spent some time going over the differences of both of these between the AECOM property line and features, the Gobelman property line features, the first report and the property line -- Gobelman's property line features from the

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supplemental report.
And they are demonstrated with different colors. You talked about this on your direct testimony.
A. Yes, I did.
Q. Okay. Have you ever -- so, looking at this 208-11, so Mr. Gobelman's supplemental report is in blue, and AECOM's property line is in yellow.

HEARING OFFICER HALLORAN: Ms. O'Laughlin, you might want to point your head towards the direction of the speaker.

MS. O'LAUGHLIN: Thank you.
BY MS. O'LAUGHLIN:
Q. Now, this exhibit -- so, the blue is Gobelman's supplemental, which is the one he's adopting; and the yellow is AECOM. And in blue, are lines east of the yellow borings, like for instance B3-50 yellow is west of B3-50 blue.

Is that an accurate description of this figure?
A. Yes.
Q. Okay. And when some of these match up -- excuse me, strike that.

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A. Yes.
Q. Starting in the middle of the page of

Section 2.5.21 AT\&T, the last sentence of the
first paragraph, can you read that?
A. "As a result, Mr. Gobelman" --
Q. Nope. I must have misdirected you.

The last sentence of the first paragraph of -- it begins with "Based on the record." 2.5.21 first paragraph, last sentence.
A. The second to last sentences, just to clarify, but $I$ can read it, if you like.
Q. You are right. Yes, the last two

## sentences?

A. "Based on the record, AT\&T lines do not run entire length of north and south corridor in Site 6. As a result, Mr. Gobelman's calculations is incorrect."
Q. Where in the record is that
information?
A. I believe it's in the final report that was prepared by AECOM.
Q. But you do not have a citation here, do you?
A. No, I do not.

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Q. If you can go to 206-14, and if you could read the first full sentence on this page?
A. These assumptions are inaccurate,
based upon the record.
Q. And in this section, you're
discussing utility ACM's soil excavation; is that correct?
A. That's correct.
Q. Where in the record -- where in the record are you referring to?
A. I do have a citation to Mr.

Gobelman's deposition as a footnote at the bottom of the page is how I did my citations and references for this report; and then, of course, the final report that would have been prepared by AECOM.
Q. Okay. So, the final report is approximately how large of a document?
A. Very large.
Q. Several binders large?
A. Several binders large.
Q. But yet you can't cite where in the record of this entire case. You did not cite -for the record, for this entire case, the

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citation; isn't that true?
A. That's true.
Q. Also turning to Figure 1 of your 204, your first report, in this second round. 204-38.
A. Yes, I'm there.
Q. Where is the ramp work? Where is the ramp work displayed in this in Figure 1?
A. The ramp is not specifically to be
labeled, but it's represented by the green
embankment that is present on Site 3.
Q. And how about 240 -- did I say 38 or

39?
A. The one I just looked at was 38.
Q. Okay. Similarly, how about on 204-39?
A. Same answer.
Q. Where in the record is the ramp work
discussed?
A. The ramp work is discussed in the AECOM final report, and it was discussed in the documentation that Dr. Ebihara provided regarding the cost tabulations for the site.
Q. Okay. So, you relied upon Ebihara's calculations.

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Did you review the 10,000 photographs that Johns Manville produced to IDOT in this matter?
A. No.
Q. You relied on Mr . Peterson's separation of the photographs for id'ing, flagging of the photographs; isn't that true? You didn't -- you didn't through the exercise of looking at all the photos too -- to come up with the photos that Johns Manville used during this hearing; isn't that true?
A. I did not look at every photo but I did ask for those that related to the specific questions that $I$ had of Mr . Peterson regarding the work that was done and for the Site 6 right-of-way.
Q. Because that's a (inaudible) area, isn't that true? So you just selected the items that supported your theory Mr. Dorgan, correct?
A. I was looking at the photographs of the work that was completed was relevant to my review.
Q. The work required by USEPA, the ones that are pertinent to this action are Sites 3 and

[^55]Site 6, there are other sites involved but those are not at play in this, in this proceeding.

USEPA required a clean corridors that fall in Sites 3 and Site 6; isn't that true?
A. Yes, that's true.
Q. USEPA required clean corridors throughout Sites 3 and Sites 6; isn't that correct?
A. Yes, certain features on Site 3 and Site 6.
Q. They did not require clean corridors, only in those areas where the borings -- even under your expanded area, where IDOT is liable.

They did not require clean corridors, only in claimed IDOT areas of liability; isn't that true?

MS. BRICE: Objection, vague.
Confusing. Compound.
HEARING OFFER HALLORAN: I kind of lost it, too, Ms. O'Laughlin. Can you rephrase that, please?

MS. O'LAUGHLIN: Yes. Yes. Thank you. BY MS. O'LAUGHLIN:

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Q. So your theory -- you have your IDOT area of liability, which includes 15 through 85 and all of 0393; is that accurate?
A. For certain elements of the work.
Q. Okay. And USEPA required a clean corridors for utilities that go beyond those areas I just mentioned; isn't that true?
A. In some instances, yes.
Q. And the site is defined by the Site 3 boundaries, not by figuring that, quote-unquote, IDOT area of liability?
A. I'm sorry, I'm not sure I understand.
Q. I apologize. USEPA -- how was Site 3
defined? Who defines Site 3?
A. I'm not exactly sure when Site 3 got defined, but it was many years ago during earlier phases of the work.
Q. Okay. But the clean corridor requirement is driven by all of Site 3; isn't that true, Mr. Dorgan?

MS. BRICE: Objection, mischaracterizes his testimony.

HEARING OFFICER HALLORAN: He can answer, if he's able. Mr. Dorgan?

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THE WITNESS: I believe I testified previously that clean corridors were required for certain utilities that are present on Site 3 -BY MS. O'LAUGHLIN:
Q. And, similarly, that USEPA remedy for Site 6 is for a larger area of Site 6 than 1S to 8S?
A. That's correct.
Q. Okay. And the clean corridors are required because USEPA wanted to minimize the potential for exposure to ACM material to workers that may be working at a particular utility; is that correct?
A. That was one of the criteria, yes.
Q. Okay. I'd like to hand you what was introduced in your direct examination. Exhibit 21B- -- okay, so it's a cover page 21B-1, cover page and then 21B-30 which would have been within the document.

Do you remember testifying about these, Mr. Dorgan?
A. Yes, I do.
Q. If you can turn to 21B-30, and go to the bottom right of the page. You see there's a

[^57]box, and in that box it beings "for"; do you see that?
A. I do.
Q. What is in the box?
A. It says, "For information only."
Q. Thank you. Exhibit 204-40. What is this again, for the record?
A. This is a plan and profile for Detour

Road A.
Q. Okay. And you see at the bottom part of this figure. What does the bottom part of this figure -- what does this depict?
A. It's a profile for the length of the Detour road.
Q. And this information also shows how much fill is needed; isn't that true?
A. That's correct.
Q. Okay. So this is the amount of fill
needed for Detour Road A?
A. That's correct.
Q. And you can see the amount of fill needed for Detour Road A is the amount reflected in this document; is that true?
A. To be accurate, what that figure is

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showing is the existing ground surface, relative to the proposed grade of the road.

So, the difference between the two would be worth building.
Q. Okay. And at 7 plus 0, and that reflects 7 plus 0 staging up on Greenwood Avenue; is that correct? Where is 7.0?
A. $\quad 7.0$ would at the very western end of Detour Road A.
Q. Okay. And how much fill would be required there? It looks to me -- may I approach. How much fill is needed at Station 7 for Detour Road A?

MS. BRICE: I would like to just object. She's asking for quantified fill amounts, based upon the figure.

HEARING OFFICER HALLORAN: I couldn't hear you at all, Ms. Brice. I had a train and your voice was lowered.

MS. BRICE: I'm sorry. I was just objecting to the extent this goes beyond the testimony, to the extent she's asking him to quantify fill amounts on this figure.

HEARING OFFICER HALLORAN: Ms.

[^59]O'Laughlin?
MS. O'LAUGHLIN: This goes directly
to their argument about fill. It's a document that they -- that he testified about on his direct examination.

HEARING OFFICER HALLORAN: Overruled.
You may comment. Mr. Dorgan, answer the question, please.

THE WITNESS: I can't quantify fill
volumes because that's not what this document
does. All $I$ can say is that this shows that approximate three-and-a-half feet of fill would have been needed at this location. BY MS. O'LAUGHLIN:
Q. And how about at 8, approximately?
A. About roughly five feet.
Q. And how about 6 plus 50, how much fill would be needed? Not volume, depth?
A. I don't know.
Q. Does this figure show that any cross-section that any key reference that figure use (inaudible), 204-40, that he just testified about.

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Does this figure show that a cut was
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[^60]needed?
A. No.
(Off the record)
HEARING OFFICER HALLORAN: We are
back on the record now. Ms. O'Laughlin is
continuing her cross.
BY: MS. O'LAUGHLIN:
Q. I just have on more question and it's back to Exhibit 204-40.

No does this figure show -- does this
figure show that any -- that there's any
unsuitable material that needs to be removed?
A. No.

MS. O'LAUGHLIN: I have no further
questions.
Thank you, Mr. Dorgan.
HEARING OFFICER HALLORAN: Thank you.
Ms. Brice?
MS. BRICE: Okay. I am ready.
HEARING OFFICER HALLORAN: Okay.
We're back on Pam.
REDIRECT REBUTTAL EXAMINATION.
BY MS. BRICE:
Q. Okay. Mr. Dorgan if you put Exhibit

[^61]204-40 together with 204-41A and you look over here and the semi (inaudible) area, does there need to be a cut of unsuitable material done?
A. Yes.
Q. Same for 6X?
A. Yes.
Q. So you kind of have to look at these two things together; isn't that true?
A. They're really depicting two elements of that construction effort and focusing on Greenwood Avenue and the other Detour Road A.
Q. Okay. But they around -- they are close to each other. They are right -- this is all happening right at the same --
A. There is intersectionality where the roads intersect.
Q. Okay. Thank you.

MS. O'LAUGHLIN: Objection. I belive the question was vague. I would like to have my objection noted for the record.

HEARING OFFICER HALLORAN: Okay.
Overruled.
MS. BRICE: I am sorry I didn't understand the objection.

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HEARING OFFICER HALLORAN: Overruled.
Vague. Overruled.
BY MS. BRICE:
Q. Mr. Dorgan -- --
(Technical problem with connection)
HEARING OFFER HALLORAN: We're going
to mute you Pam.
(The record was re-created)
BY MS. O'LAUGHLIN:
Q. Mr. Dorgan, Exhibit 204-40, does this
document -- does this Exhibit -- does this show that unsuitable material needs to be removed?
A. No.

MS. O'LAUGHLIN: Pam No further
questions.
MS. BRICE: Susan coming back for
redirect.
Okay?
REDIRECT REBUTTAL EXAMINATION
BY MS. BRICE:
Q. I'm going to ask Mr. Dorgan a couple of questions about this Exhibit 204-40 and 204-41A, and my questions were: Mr. Dorgan, on these two figures up at top where we have Site 6,

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are we generally depicting the same area around 4S, 5S and 6S?
A. Yes.
Q. Okay. On 204-41A under 7S, did you have to remove unsuitable material in order to build up that area?
A. Yes.
Q. How about under 6S, did you have to remove unsuitable material in order to build back up that area?
A. Yes.
Q. And I believe you said about somebody about intersectionality.

Can you please elaborate what you're talking about, because there's been a lot of confusion about how these two figures relate to each other.

If you could please explain that, I think it would be helpful for everyone?
A. Figure 204-40 is a plan of profile for Detour Road A. 204-41A is the plan profile for Greenwood Avenue, and the two of them intersect at the boundary of Site 3 and Site 6, where Detour Road A transitions into Greenwood

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Avenue's right-of-way to match up with Greenwood Avenue.
Q. Okay. And, so, how do they relate to each other, the two exhibits?

Are they both showing that intersection, but one is the looking at the cross-section of Detour Road A, and that is 204-40, and the other is looking at the cross-section the same way as 204-41A at the intersectionality at Site 6

Greenwood Avenue?
A. That's correct.
Q. Thank you. Ms. O'Laughlin asked you about some -- whether or not you had a bibliography.

I believe in each of your reports, you have a whole section and discussion about information you considered; isn't that correct?
A. That's correct.
Q. And you also have footnotes that refer to specific documents that you reviewed that supported various statements you were making and opinions you were drawing?
A. That's correct.
Q. And Dr. Ebihara and Mr. Peterson

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testified about the lack of work relating to soil removal and soil filling on the north and south side of Site 6, that that was not done for the entire stretch of the north side and south side of Site 6?
A. Yes, they did.
Q. And with respect to clean corridors, I believe we talked about this in your initial testimony.

Were clean corridors required when there was ACM found somewhere along the line?
A. Yes.

MS. BRICE: No further questions.
HEARING OFFICER HALLORAN: Thank you,
Ms. Brice. Ms. O'Laughlin?
RECROSS REBUTTAL EXAMINATION
BY MS. O'LAUGHLIN:
Q. So, Mr. Dorgan, you testified about 204-41A and the need for removal of unsuitable material.

This document is now called the as-built plan; is that correct?
A. That is a representation of the as-built plans in order to blow it up and make it

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more easily visible.
Q. This is a document that Weaver

Consultants created; is that correct?
A. That's correct.
Q. The note said it was adopted from IDOT plans; is that correct, on the top left?
A. That's correct.
Q. And it was drawn by RND/JDT?
A. That's correct.
Q. And who would that be?
A. I'm assuming RD -- or RHD is Ryan

Dutton. JT would be James Trease.
Q. Okay. All employees are with Weaver
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Consultants; is that true?

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A. That's correct?
Q. And approved by DDG, which would be yourself?
A. That's correct.
Q. Okay.

MS. O'IAAUGHLIN: I have no further
questions.

HEARING OFFER HALLORAN: Thank you,

Ms. O'Laughlin.
Ms. Brice?
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FURTHER REDIRECT REBUTTAL EXAMINATION
BY MS. BRICE:
Q. One question. We're going to the same figure Mr. Dorgan.

Understandably, this Figure 4 is something you created, but at the bottom part of Figure 4 is a -- what? What is it based on?
A. It's a representation of the as-built
drawing.
Q. And is that 21A-26?
A. I believe that's correct.
Q. And did you make any modifications to 21A-26, as I believe Ms. Ryan testified she worked on this?

There were a lot of things done, with respect to how they were represented here on your figure?
A. I believe so.
Q. And 21A-26 was from the as-built
drawings; is that correct?
A. That's correct.

MS. BRICE: That's all I have.
FURTHER RECROSS REBUTTAL
BY MS. O'LAUGHLIN:

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            Q. This portion is for 21A-26; am I
    understanding that correctly?
A. That's correct.
Q. But what is missing is the
for-information-only box; is that true?
A. There is no for-information-only box
on that figure.
Q. And the full document 21A-26 has
for-information-only; is that correct?
A. That's correct.
Q. In your opinion, is somebody that
didn't work on the project in 1970, can they know
what "for information only" means on the document?
MS. GALE: Objection, speculative.
HEARING OFFICER HALLORAN: I'll allow
him to answer, if he's able.
THE WITNESS: I'm not entirely sure
what the relevancy is.
MS. O'LAUGHLIN: I'm done.
HEARING OFFICER HALLORAN: JM, have
you finished your case? We still have to talk
about the exhibits.
MS. BRICE: Other than the exhibits,
yes.

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HEARING OFFICER HALLORAN: I think there was a couple more proffers. I think Ms. Gale can address that.

Also, like yesterday, she's going to read them into the record. Thank you Ms. Gale you have the floor.

MS. GALE: We move to admit -- what I'm am going to say is I'm going to say the new exhibits we talked about I'll move to admit, and then I will list all of the exhibits collectively, so that way it's a full package.

The new exhibits I move to admit, we will proffer, just to make sure: 64, USEPA correspondence dated February 1st, 2012;

Exhibit 217, Gobelman figures; Exhibit 229E-335 through 339, and that's it.

So, now, my understanding we're just taking a minute to check.

MS. BRICE: Those are the exhibits subject to the objections, our standing objections. So, I am now going to read them collectively. I'm just going to read the numbers that were on the joint exhibit list filed with the Board on September 1st, 2020; and the new ones

[^63]that are not on the list, I'll read the description as well. Okay?

Exhibit 21A, 21B, 64, 65, 67, 79, 84, 120, 202, 203, 204, 206, 208, 209, 213, 214, 217, 221, 225, 227, 229E-335 through 339, and 229E-374 and $375,229 \mathrm{~F}-377$ and 365. And then we have Exhibit 21A-26A, which is a blow-up and an agreed modification of $21 \mathrm{~A}-26$.

We then have Exhibit 204-41A, which is a demonstrative blowup of 204-41, which is Mr. Dorgan's hand drawing, which he testified to during his direct testimony.

Then we have Exhibit 245, which is another demonstrative drawing. Exhibit 245, which is entitled "Task Buckets used as inputs by both experts to be used to determine oversights and support services task bucket attributions." That's it.

HEARING OFFICER HALLORAN: Thank you. I think they are agreed to by IDOT. Thank you.
(Break was taken.)
HEARING OFFICER HALLORAN: We're going back on the record very briefly. Ms. O'Laughlin is going to read her exhibit list.

[^64]You may proceed.
MS. O'LAUGHLIN: This is Ellen
O'Laughlin on behalf of IDOT and moving exhibits into evidence from the joint exhibit list. All the exhibits that are referenced on the first page that have already been admitted into the first part of the hearing we are moving those in. In addition to those are Exhibit 202, Exhibit 205, Exhibit 207, Exhibit 216.

HEARING OFFICER HALLORAN: Okay. I would ask both parties -- I am sorry go ahead.

MS. O'LAUGHLIN: And I did not mention
exhibits that are already being moved into
evidence by witnesses. (Inaudible)
MS. BRICE: Obviously subject to our continuing objections with respect to some of those exhibits.

MS. O'LAUGHLIN: And likewise IDOT
will be maintaining our objections.
HEARING OFFICER HALLORAN: As everyone knows there has been standing objections based on certain things that are located throughout the transcript. I will ask the parties to email me or scan me their exhibit list that they just read in

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and hopefully within the next, lets say eight or nine days to try to get the briefing schedule to me.

I do want to thank everybody for their professionalism, civility, it is a very complicated case. A shout out to Drew for yesterdays help and thank you so much. Bye bye.
(Which were all the proceedings had.)

STATE OF ILLINOIS )
COUNTY OF C O O K )
I, Pamela A. Marzullo, Court Reporter, certify that $I$ was authorized to and did stenographically report the foregoing proceedings; and that the transcript is a true and complete record of my stenographic notes.

I further certify that $I$ am not $a$ relative, employee, attorney or counsel of any of the parties, nor am I relative or employee of any of the parties' attorney or counsel connected with the action, nor am I financially interested in the actions.

Dated this 4 th day of November 2020.

PAMELA A. MARZULLO
Notary Public
GG 156897
My Commission expires 10/31/2022

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