ORIGINAL

May 23, 2016

	Page 1
BEFORE THE ILLINOIS POLLUTION	CONTROL BOARD
IN THE MATTER OF: JOHNS MANVILLE, a Delaware corporation,)))
Complainant,)
vs) PCB 14-3
ILLINOIS DEPARTMENT OF TRANSPORTATION,	RECEIVED CLERK'S OFFICE
Respondent.) MAY 1 2016
	STATE OF ILLINOIS Pollution Control Board

TRANSCRIPT FROM THE PROCEEDINGS
taken before HEARING OFFICER BRADLEY HALLORAN
by LORI ANN ASAUSKAS, CSR, RPR, a notary public
within and for the County of Cook and State of
Illinois, in Room 9-031 at the James Thompson
Center, 100 West Randolph Street, Illinois,
on the 23rd day of May, 2016, A.D., at 9:00
o'clock a.m.



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Page 2
 1 APPEARANCES:
    ILLINOIS POLLUTION CONTROL BOARD,
    100 West Randolph Street
    Suite 11-500
 3
    Chicago, Illinois 60601
   (312) 814-6983
    BY: MR. BRADLEY HALLORAN,
 5
     ILLINOIS POLLUTION CONTROL BOARD MEMBERS PRESENT:
 6
    Ms. Jennifer A. Burke, Board Member
 8
 9
    BRYAN CAVE, LLP,
     161 North Clark Street
10
    Suite 4300
    Chicago, Illinois 60601-3315
     (312) 602-5079
11
     susan.brice@bryancave.com
    lauren.caisman@bryancave.com
12
    BY: MS. SUSAN BRICE and
13
         MS. LAUREN J. CAISMAN,
14
                  Appeared on behalf of the Complainant;
15
16
    OFFICE OF THE ATTORNEY GENERAL,
     STATE OF ILLINOIS
17
     69 West Washington Street
     Suite 1800
    Chicago, Illinois 60602
18
     (312) 814-3153
19
     emcginley@atg.state.il.us
     eolaughlin@atg.state.il.us
20
     BY: MR. EVAN J. McGINLEY and
         MS. ELLEN F. O'LAUGHLIN,
21
                  Appeared on behalf of the Respondent.
22
23
24
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Page 3
     APPEARANCES:
                             (Continued)
2
    ALSO PRESENT:
 3
     Mr. William Clinton, Johns Manville
     Mr. Douglas G. Dorgan, Jr., Weaver Consultants Group
    Mr. Matt Dougherty, IDOT
    Mr. Tatsuji Ebihara, AECOM
     Mr. Joseph R. Fortunato, Jr., Momkus, McCluskey, LLC
    Mr. Steven Gobelman, P.E., Andrews Engineering, Inc.
     Mr. Jonathan Huff, Extern
    Mr. Duncan Lampfear, Extern
     Mr. Daniel May, Illinois Pollution Control Board
     Mr. Matt Powell, Illinois Pollution Control Board
8
    Ms. Marie Tipsord, Illinois Pollution Control Board
9
    Mr. Brent A. Tracy, Johns Manville
     Ms. Susan Watkins, Bryan Cave
10
    Ms. Amy Zayez, Extern
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		Pa	ge 4
1	INDEX		
2	PAGE	S	
3	Introduction by Hearing Officer Robertson 5	-	6
4	Procedural Discussion Amongst Parties 6	÷	15
5	Opening Statement by Ms. Brice 15	-	22
6	Opening Statement by Mr. McGinley 22	-	28
7	Direct Examination of William Clinton 29	-	55
8	Cross-Examination of William Clinton 55	=	63
9	Direct Examination of Tatsuji Ebihara 64	-	88
10	Cross-Examination of Tatsuji Ebihara 89	_	97
11	Redirect Examination of Tatsuji Ebihara 97	-	101
12	Recross-Examination of Tatsuji Ebihara101	_	105
13	Re-Redirect Examination of Tatsuji Ebihara.105	-	108
14	Direct Examination of Douglas Dorgan109	_	239
15	Cross-Examination of Douglas Dorgan240	-	316
16	Court Reporter's Certificate318	-	318
17			
18			
19			
20			
21			
22			
23			
24			

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Page 5 HEARING OFFICER ROBERTSON: 1 morning everyone. My name is Brad Halloran. 3 I'm a hearing officer with the Illinois Pollution Control Board. I'm also assigned in this case entitled Johns Manville, Complainant versus Illinois Department of Transportation, Respondent. Our docket number is PCB No. 14-3. 8 Today is May 23, 2016. It 9 is 9:00 a.m. This case was noticed up properly 10 and commenced on May 10, 2013, where it 11 was continued to today on record due to some 12 discovery issues. 13 The hearing will be conducted pursuant to Sections 101 and 103 of the Board's 14 15 procedural rules. 16 In a nutshell, this case 17 involves what happened approximately 46 years ago on Site 3 and Site 6 regarding an IDOT 18 highway project and IDOT's ownership or control, 19 20 if any, of Site 3 and Site 6. 21 I'm here to rule on any 22 evidentiary matters after the hearing. I'll

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take the record transcripts and any post-hearing

briefs and the five capable members of the

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Page 6 Board will then decide. 1 2 Quickly, I'm pleased to announce that we have Member Burke with us 3 today, we have her staff attorney, Daniel 5 Robertson, Senior Attorney Mark Powell and I think we have Marie Tipsord, staff attorney, 6 and three externs. 8 With that, counsel, would you like to introduce yourself? 10 MS. BRICE: Sure. My name is 11 Susan Brice. I represent Johns Manville and 12 I'm from the law firm of Bryan Cave. 13 MS. CAISMAN: Good morning. I'm 14 Lauren Caisman appearing on behalf of Johns 15 Manville. I'm with Bryan Cave. 16 MR McGINLEY: Evan McGinley, 17 Attorney General's Office on behalf of the

MS. O'LAUGHLIN: Ellen O'Laughlin,

respondent, Illinois Department of Transportation.

20 also from the Attorney General's Office on

21 behalf of the respondent, Illinois Department

22 of Transportation.

23 HEARING OFFICER HALLORAN: Okay.

24 Thank you. And before we go on to openings, if

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Page 7 any, there might be some exhibit issues that 2 may arose on -- arisen on Thursday or this 3 Friday of last week. I don't know. Ms. Brice, do you want to 4 5 start? 6 MS. BRICE: Sure. I think 7 Ms. Caisman will speak to that. 8 HEARING OFFICER HALLORAN: Oh, Ms. Caisman? 9 10 MS. CAISMAN: Yes. 11 Mr. Hearing Officer, I believe 12 it was Friday, I got filed a revised exhibit list. 13 Many of the documents included on that exhibit 14 list had not been previously been produced during the discovery period. In fact, it had only been 15 turned over by IDOT just a couple of days before 16 17 they actually filed their exhibit list. 18 Specifically, it's Exhibits 162, 163 and 167 on their revised exhibit list. Exhibit 19 20 167 was also not included on any previous iteration of IDOT's exhibit list and because the documents 21 22 weren't timely produced. 23 I guess we move at the outset to

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have them excluded.

Page 8 1 HEARING OFFICER HALLORAN: Okay. Exhibit 167 is a right-of-way notice letter 2 3 formerly 61? MS. CAISMAN: That's correct, but 4 5 there was no 61 on any previous list. HEARING OFFICER HALLORAN: 6 Thank 7 you. I'm sorry. Ms. Caisman, that concludes your discussions on this? 9 MS. CAISMAN: Yes. Just know we 10 deposed both of IDOT's experts, neither of which 11 included in their reports that they had relied 12 on those three documents and neither testified 13 that they had relied on those documents. 14 So to the extent that IDOT is 15 now claiming that any of those three documents 16 are somehow one of the bases or their expert 17 opinions, the proper disclosure wasn't made under the Illinois rules. So for that additional reason, 18 we move that those also be excluded. 19 20 HEARING OFFICER HALLORAN: Okay. 21 And 162 and 163 looks like it's an April 18, 1895, quitclaim deed and they have former Exhibit 56, 22 23 but that's not correct?

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MS. CAISMAN: It wasn't listed as

	Page 9
1	former Exhibit 56
2	HEARING OFFICER HALLORAN: Oh, okay.
3	MS. CAISMAN: but it hadn't been
4	produced until a few two days ago.
5	HEARING OFFICER HALLORAN: Okay. And
6	Exhibit 163 is the January 20, 1815, quitclaim deed
7	as well?
8	MS. CAISMAN: Correct.
9	HEARING OFFICER HALLORAN: IDOT
10	counsel, Mr. McGinley and Ms. O'Laughlin?
11	MR McGINLEY: Yes. Well, with
12	respect to the two quitclaim deeds, these are
13	actually documents that are referenced in a
14	document that was produced to us by Johns Manville
15	as a title commitment that was done, I believe,
16	last year, the early part of this year for this
17	it relates to the subject property in the case.
18	The documents were looked at
19	by our expert, Keith Stoddard. When he took a
20	look, he pulled the actual quitclaim deeds himself
21	after he saw the title commitment and we would
22	argue that that's really essentially, it only
23	is an enhancement of his opinion. His opinion
24	is hand Johns Man that the city of Waukegan

	Page 10
1	owns the relevant piece of Greenwood Avenue in
2	Waukegan as well as Sand Street in Waukegan.
3	All this does is show that
4	there is additional support for what is already
5	his opinion. We produced the documents. They were
6	listed in their in Johns Manville's title
7	commitment.
8	We actually called Mr. Fortuato
9	during his deposition, showed him the title
10	commitment that had been produced by Johns Manville,
11	asked him based upon his knowledge and expertise
12	if he could opine as to whether or not the city of
13	Waukegan had actually ever acquired the right to
14	Greenwood Avenue as well as to Sand Street.
15	Mr. Fortuato had offered an
16	opinion at that point and so we felt it necessary
17	to acquire the deeds in order to be able to try
18	and get some clarification and finality as to the
19	issue as to who, in fact, actually owns and has
20	jurisdiction over Greenwood Avenue and Sand Street
21	in the vicinity of Site 3 and Site 6.
22	HEARING OFFICER HALLORAN: Could
23	this have been disclosed on or before May 17th

these three exhibits, and why weren't they, if

Page 11 they could have been? 2 MS. O'LAUGHLIN: May 9th? 3 HEARING OFFICER HALLORAN: Well, the expert -- I think your expert list was sent out -- your exhibit list was May 17th? 5 6 MR McGINLEY: It was May 17th and 7 it was included on the original. 8 MS. O'LAUGHLIN: I believe so, but --9 I don't mean to take the lead. I mean, one of the 10 things was the deposition of Mr. Fortuato occurred 11 after discovery, quote, unquote, closed, which the 12 parties had agreed that it was -- as Mr. McGinley 13 said it was the subject of our -- it was included 14 in the subject of the deposition. 15 So Mr. Fortuato actually listed 16 that title commitment as one of the documents that 17 he received. 18 HEARING OFFICER HALLORAN: Well, I 19 know, but it's literally like a day before the 20 hearing. 21 MS. O'LAUGHLIN: Right. But I guess 22 the point is that it was in play well before -- it 23 was in play well during depositions and discovery

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and they know about it. They listed it in their

- 1 title commitment. There's no surprise. There's
- 2 no unfair, you know, issue. It's a -- it's real
- 3 estate documents from a long time ago. They list
- 4 it in their title commitment. They should've
- 5 looked them up themselves, but that's up to them.
- 6 HEARING OFFICER HALLORAN: Any
- 7 response, Ms. Caisman?
- 8 MS. CAISMAN: Yes. Mr. Fortuato's
- 9 deposition took place on May 9th, which was the
- 10 close of discovery, not after the close of
- 11 discovery.
- 12 JM had done a title -- had
- 13 issued -- sorry -- a title commitment prepared
- 14 earlier, although it was with respect to the wrong
- 15 property.
- 16 The underlying documents were
- 17 not produced because they weren't reviewed by JM
- 18 or obtained by JM in any way, but that title
- 19 commitment was produced weeks -- weeks earlier
- 20 to IDOT. So to the extent they wanted to explore
- 21 and full prep the documents referenced in that
- 22 title commitment, they could have done so much
- 23 earlier.
- 24 Under Illinois Supreme Court Rule

Page 13 213(g), the information disclosed in 213(f)(3) disclosure, which is what IDOT provided for 3 Mr. Stoddard -- is required to provide all the bases of an opinion even if enhances the opinion, 4 5 IDOT never supplemented that disclosure. 6 Mr. Stoddard testified on numerous 7 occasions that he had not looked at nor reviewed other documents other than those listed in his disclosure. In fact, in the case of IDOT versus 10 Crull in the Fourth District of Illinois, IDOT 11 argued exactly the opposite position that it's 12 taking now in that certain documents and opinions should be excluded because the bases therefore 13 14 were not previously disclosed. So we believe that 15 should -- for that same reason should control here. 16 HEARING OFFICER HALLORAN: When are 17 we going to deal with these exhibits, 162, 163 and 18 167? 19 MS. BRICE: Not today. 20 MR McGINLEY: Not today. 21 HEARING OFFICER HALLORAN: You know 22 what, I'll take that under advisement. 23 I do want to note for the court

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reporter that I don't think any members of the

Page 14 public are here, just the parties and the 2 witnesses affiliated with the respective 3 parties. With that said, do we need to address anything else or can we move on to 6 openings? 7 Okay. Terrific. Thank you. 8 MS. CAISMAN: Actually, one more 9 I don't know if you guys are amenable, thing. 10 but the parties have stipulated to a number of 11 exhibits as being admissible and authentic. 12 I think it would be more expeditious to kind of move all of the stipulated exhibits into 13 14 evidence at the outset to speed things up. 15 MR McGINLEY: We are amenable. 16 HEARING OFFICER HALLORAN: Okay. 17 Yes. I mean, I -- if you want to do, that the 18 filings I've got --19 MS. BRICE: We have a -- we have a list of what's not stipulated to --20 21 HEARING OFFICER HALLORAN: Okay. 22 MS. BRICE: -- that we can provide 23 and show you and make sure you agree with it. 24 MR McGINLEY: Sure.

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	Page 15	
1	MS. CAISMAN: We can clean up,	
2	you know, whatever stipulations and put that	
3	into	
4	HEARING OFFICER HALLORAN: You	
5	know what, let's I could kick myself. Let's	
6	address it as the exhibits come up and say this	
7	exhibit is stipulated to because there's kind	
8	of a lot of ifs, ands and buts in here.	
9	MS. BRICE: Okay.	
10	HEARING OFFICER HALLORAN: I think	
11	it might be cleaner for the record and for the	
12	Board, but thank you for bringing that up.	
13	MS. BRICE: Do you guys want to I	
14	think your exhibits are over there.	
15	HEARING OFFICER HALLORAN: Oh, okay.	
16	MS. O'LAUGHLIN: Okay.	
17	MS. BRICE: So why don't we pass	
18	those out at least.	
19	HEARING OFFICER HALLORAN: Sure.	
20	Let's go off the record, please.	
21	(Whereupon, a discussion	
22	was had off the record.)	
23	HEARING OFFICER HALLORAN: You may	
24	proceed.	

	Page 16
1	MS. BRICE: Thank you.
2	OPENING STATEMENTS
3	by Ms. Brice
4	Good morning, Mr. Halloran and
5	Board members, everyone else. I would like to start
6	this morning by quoting the Illinois Supreme Court
7	with respect to the Environmental Protection Act.
8	Quote: The primary purpose of the Act is to assure
9	that the adverse effects upon the environment are
10	fully considered and borne by those who cause them,
11	National Marine versus Illinois EPA.
12	This case is about doing the
13	right thing and taking responsibility for who
14	caused the problem. The question here is who
15	caused the disposal of waste in the form of
16	asbestos-containing materials on two properties?
17	JM, or Johns Manville, or JM for short, admits
18	that it bears some of the responsibility, but
19	IDOT refuses to do so.
20	In a nutshell, this case
21	involves two pieces of property adjacent to JM's
22	manufacturing facility in Waukegan, Illinois. The
23	first piece of property is on the northwest corner
24	of property owned by ComEd and that is what you

- 1 see here as Site 3.
- 2 Site 3 is right next to an
- 3 intersection that's going to be important in
- 4 this case, which is the intersection of
- 5 Greenwood and Sand Street or Pershing. Let
- 6 me go over here. So Pershing is -- it used
- 7 to be called Sand Street. It's now called
- 8 Pershing.
- 9 JM's manufacturing facility
- 10 is right up here to the north (indicating) and
- 11 obviously, for the record, no one is going to
- 12 be able to know what I'm pointing to, but as we
- 13 get further into it, we will have people circle
- 14 things in color so that it will be more obvious.
- 15 But for purposes of people in the room, I thought
- 16 I would get everyone oriented.
- The second piece of property
- 18 abuts Site 3 to the north. So it's Site 6, which
- 19 you see here. It's essentially the shoulders of
- 20 Greenwood Avenue and an embankment that was built --
- 21 part of an embankment that was built in 1970. We
- 22 refer to this as Site 6, as I said, and the two
- 23 sites are here on the map.
- 24 The evidence will show the

- 1 state, acting through IDOT, hold a permanent
- 2 easement that runs through portions of both of
- 3 these sites. This is the easement, the dotted
- 4 line here (indicating), as you will see. It
- 5 goes up here to the north right along here
- 6 (indicating). We will refer to that as Parcel
- 7 0393 in this case or the right-of-way.
- 8 The evidence will show that
- 9 asbestos-containing materials have been found on
- 10 both Site 3 and Site 6. The US EPA has determined
- 11 that the sites were in imminent and substantial
- 12 endangerment because of this asbestos-containing
- 13 material that is buried on Site 3 and Site 6 and
- 14 that US EPA has ordered Johns Manville to remediate
- 15 Site 3 and Site 6 pursuant to a Removal Action Work
- 16 Plan under CERCLA.
- 17 The current cleanup involves
- 18 digging out buried ACM on both Site 3 and Site 6
- 19 and creating clean corridors for a number of
- 20 utilities that run through this area.
- 21 The history of Site 3 and Site 6
- 22 is critical to this case. I'm going to touch on it
- 23 very briefly. First, let's discuss Site 3, which
- 24 is this larger, sort of square, but it's sorts of

- 1 a funnel-type shape over here (indicating). JM
- 2 concedes that it used Site 3 as a makeshift
- 3 parking lot in the 1950s and 1960s pursuant to
- 4 an agreement Commonwealth Edison had when JM was
- 5 running out of parking space up on the property
- 6 to the north.
- 7 The evidence will show that
- 8 ComEd required JM to delineate the boundaries
- 9 of the former parking lot area, which is right
- 10 here (indicating), this square area within
- 11 Site 3, and to install wheel stops so the parking
- 12 would be more orderly.
- 13 It will also show that JM used
- 14 concrete Transite pipes split in two to delineate
- 15 the barriers around Site 3 and to create the
- 16 various wheel stops within the property and
- 17 concrete Transite pipe contains asbestos.
- 18 The evidence will show that
- 19 the parking lot structure existed until at least
- 20 1970 when IDOT constructed a temporary bypass
- 21 road, which you see right here and this is from
- 22 IDOT's construction drawings, a temporary bypass
- 23 road through the former parking lot area. The
- 24 road was removed by IDOT at the end of the

- 1 construction process.
- 2 As to Site 6, the evidence
- 3 will show that as part of the construction, IDOT
- 4 built an embankment here (indicating) on -- when
- 5 the embankment is partially on Site 3 and partially
- 6 on Site 6, which elevated Greenwood Avenue to be
- 7 able to connect to an expressway project, the
- 8 Amstutz Expressway Project, which was slightly
- 9 over there to the west.
- 10 The engineering drawings
- 11 will show that fill was used to create this
- 12 embankment, which is 20 feet high in some places.
- 13 The embankment is still there. The central
- 14 fact in dispute is how did IDOT build that detour
- 15 road and how did IDOT build that embankment?
- 16 JM alleges, and IDOT denies,
- 17 that IDOT crushed and buried the concrete JM
- 18 placed on top of its former parking lot when
- 19 it built the detour road and embankment during
- 20 the Amstutz Project. JM alleges, and IDOT,
- 21 denies that IDOT used other types of
- 22 asbestos-containing fill material on Sites 3
- 23 and 6 especially with respect to the construction
- 24 of the embankment.

	Page 21
1	JM alleges, and IDOT denies,
2	that IDOT continues to use and control the
3	embankment that it fills with ACM.
4	IDOT plans to rebut most of
5	JM's claims through expert testimony. Their
6	primary Steven Gobelman, a former IDOT employee.
7	Mr. Gobelan will testify that while he was not
8	involved in the IDOT project and while he has
9	spoken to no one who was ever involved in the
10	IDOT project, he is 100 percent certain that
11	IDOT did not bury any concrete Transite pipe
12	during the Amstutz Project.
13	He maintains this 100 percent
14	certainty despite three facts. First, the data
15	will show that pieces of Transite pipe, other ACM
16	waste are buried within the fill material placed
17	by IDOT during construction projects determined
18	from the engineering drawings.
19	Second, the evidence will show
20	that IDOT's contractor was not only committed to,
21	but encouraged to use concrete that it found on
22	the project site and to bury it in embankments.
23	Third, the evidence will show
24	that IDOT's resident engineer who's name is Duane

	Page 22		
1	Mapes on the Amstutz Project, admitted that IDOT		
2	dealt with asbestos pipe during the project and		
3	buried some of it.		
4	In the end, JM believes that		
5	the evidence will show that JM is being required		
6	to remove waste that IDOT has stored, buried and		
7	disposed of in violation of the Act.		
8	As a result, JM is asking the		
9	Board find that IDOT has violated the Act and		
10	that the Board fashion a remedy that not only		
11	includes ordering IDOT come into compliance,		
12	but also includes in the words of National Marine		
13	and the Illinois Supreme Court requiring IDOT to		
14	bear responsibility for the environmental damage		
15	it has caused.		
16	Thank you.		
17	HEARING OFFICER HALLORAN: Thank		
18	you, Ms. Brice.		
19	Mr. McGinley and Ms. O'Laughlin?		
20	MR. McGINLEY: Yes.		
21	OPENING STATEMENT		
22	by Mr. McGinley		

McGinley. I'm the Assistant Attorney General with

Good morning. My name is Evan

23

Ī	Page 23			
1	the state of Illinois. We represent IDOT in this			
2	matter.			
3	I think Mr. Halloran at the			
4	outset noted this case involves some issues that			
5	took place many, many years ago.			
6	One of the central problems with			
7	this case for Johns Manville's case is the fact			
8	that no one alive today was around when certain			
9	key events took place in this case. Nobody was			
10	alive and can testify today as to how the parking			
11	lot was constructed.			
12	IDOT contends that the parking			
13	lot was constructed with asbestos-containing			
14	material, not just as bumpers on the surface			
15	of the parking lot, but also as part of the			
16	substructure of the parking lot. We believe			
17	that the testimony that will be elicited during			
18	the course of this hearing will show that that's			
19	the case.			
20	During the course of the			
21	construction project that was related to the			
22	Amstutz expressway construction back in the			

early 1970s, there's a lot of things that took

place, a lot of technical issues related to the

- 1 construction of the road. Unfortunately, there
- 2 is no one alive today that can tell us what took
- 3 place 40 years ago.
- What we're left with and the
- 5 challenge the Board will have in trying to
- 6 understand and evaluate Johns Manville's claims
- 7 is what does the record show? Well, this case
- 8 will, in fact, turn on expert opinion.
- 9 The only way that we can
- 10 figure out what is in all of the voluminous
- 11 documents that you see before you, which includes
- 12 not only
- 13 the construction plan, but also all of the
- 14 environmental studies and investigations, which
- 15 have been done after the end of the construction
- 16 of the road took place is through expert testimony.
- 17 The reason why Steven Gobelman's
- 18 testimony is valid and important is because only
- 19 Mr. Gobelman has the expertise necessary to be
- 20 able to interpret what is actually in those
- 21 construction documents. The entire -- as best
- 22 we know, a fairly substantial portion of the actual
- 23 documents that were created during the course of
- 24 this project, before the project was done, the

- 1 plans, the schematics for the construction of the
- 2 road, the documentation that was generated during
- 3 the course of the actual construction project,
- 4 all of that documentation still largely exits.
- 5 Needless to say with the passage of time, the
- 6 entire record isn't present, but there's enough
- 7 of the record that allows for Mr. Gobelman to
- 8 make what we believe are very informed and
- 9 authoritative comments and opinions about what
- 10 took place.
- 11 Mr. Gobelan has over 20 years
- 12 of experience working for IDOT and in that
- 13 experience, he has spent years of looking at
- 14 historic aerial photographs and reviewing old
- 15 construction records and trying to ascertain
- 16 in sort of a forensic fashion what took place
- 17 with a given construction project at a point in
- 18 time.
- 19 So Mr. Gobelman is uniquely
- 20 qualified to actually opine and provide guidance
- 21 to the Board about what took place. We believe
- 22 by comparison Mr. Dorgan's theories fall flat for
- 23 one simple reason. Mr. Dorgan's theories do not
- 24 take into account all of the asbestos that's at

- 1 the site.
- 2 There's a lot of asbestos and
- 3 there's asbestos that's -- you will see later
- 4 during the presentation of evidence that there's
- 5 asbestos that's out on here (indicating) that's
- 6 well past the IDOT limits of easement.
- 7 There is also asbestos that
- 8 happens to have been found over here (indicating)
- 9 also outside the limits of construction. So the
- 10 question you have to confront is whether or not
- 11 Mr. Dorgan's theory adequately accounts for all
- 12 of the data, all of the instances of asbestos.
- 13 That's what you need to have
- 14 for a robust theory. If you're going to offer
- 15 a theory about a case, it needs to take into
- 16 account all of the data, all of the observed
- 17 observations that's taken place at the site. The
- 18 record will show that there was a -- this site has
- 19 been fairly well documented in terms of soil borings
- 20 and site investigation.
- 21 What the data shows is that
- 22 there's really only sporadic instances of asbestos,
- 23 that the asbestos that is observed has by Johns
- 24 Manville's own consultants been shown to be the

- 1 project of other processes besides IDOT. Those
- 2 facts that bear being kept in mind as the Board
- 3 has to decide this case, but ultimately after
- 4 the presentation of evidence, the thing that's
- 5 most critical for the Board to decide is whether
- 6 it is proper and just for IDOT -- I'm sorry --
- 7 for the Board to weigh in and decide on how
- 8 this case should -- how this site should be
- 9 dealt with and whether IDOT should, in essence,
- 10 be brought in as a party into a site, which is
- 11 already under the jurisdiction and has been under
- 12 the oversight enforcement of US EPA for several
- 13 decades at this point.
- 14 With respect to Site 3
- 15 and Site 6, we're talking about 15 years, if not
- 16 more, of time that US EPA has been looking at the
- 17 contamination issue that pertains to Site 3 and
- 18 later to Site 6. That's a significant issue.
- 19 This is already under enforcement
- 20 and more to the point, the fact of the matter is,
- 21 and it's implicit in what Johns Manville is alleging
- 22 here, is that had US EPA actually believed that
- 23 there was a valid basis to pursue IDOT, they would
- 24 have been made a PRP. US EPA makes state agencies,

- 1 local agencies PRPs at sites all across the country.
- 2 This could have been no different. The fact that
- 3 IDOT has not been made a PRP in this case should
- 4 be telling to the Board.
- 5 We think that at the end of
- 6 the evidence and after you've seen post-trial
- 7 briefs that will be filed in this matter, we are
- 8 confident that you will have to find in IDOT's
- 9 favor and not Johns Manville. Thank you.
- 10 HEARING OFFICER HALLORAN: Thank
- 11 you, Mr. McGinley.
- 12 Ms. Brice, Ms. Caisman, first
- 13 witness?
- MS. BRICE: Yes. Johns Manville
- 15 would like to call Mr. Dennis Clinton.
- 16 HEARING OFFICER HALLORAN: Okay.
- 17 Mr. Clinton, I think we're going to have you sit
- 18 over here.
- MS. BRICE: And for ease of dealing
- 20 with the exhibits, I've got hopefully an exhibit
- 21 binder up there that has the exhibits. I plan to
- 22 use that so he doesn't have to fish through the 11
- 23 different exhibit notebooks.
- 24 HEARING OFFICER HALLORAN: Thank

	Page 29
1	you.
2	Raise your right hand and Lori
3	will swear you in, please.
4	THE COURT REPORTER: Do you swear the
5	testimony you are about to give is the truth, the
6	whole truth and nothing but the truth, so help you
7	God?
8	MR. CLINTON: I do.
9	(Witness sworn.)
10	HEARING OFFICER HALLORAN: You may
11	proceed.
12	WHEREUPON:
13	WILLIAM DENNIS CLINTON
14	called as a witness herein, having been first duly
15	sworn, deposeth and saith as follows:
16	DIRECT EXAMINATION
17	by Ms. Brice
18	Q. Good morning. Could you please state
19	your name for the record?
20	A. William Dennis Clinton.
21	Q. Who is your employer?
22	A. Johns Manville.
23	Q. How long have you worked for Johns
24	Manville?

-		
		Page 30
1	Α.	Forty-five years.
2	Q.	Mr. Clinton, what is your current
3	title?	
4	Α.	Senior manager project engineering.
5	Q.	And what is your undergrad degree
6	in?	
7	A.	Civil engineering.
8	Q.	Now, are you familiar with the JM
9	Waukegan Supe	rfund Site? I'm talking about the
10	larger site.	
11	Α.	Yes, I am.
12	Q.	And when did you become familiar with
13	the site?	
14	Α.	Beginning about 1998.
15	Q.	What is the JM Superfund Site, the
16	larger site?	
17	Α.	It's about a 130-acre landfill area
18	that was used	in conjunction with the manufacturing
19	process at th	e Johns Manville site.
20	Q.	And that's on the Johns Manville
21	property?	
22	Α.	On the JM property, yes.
23	Q.	Is a regulatory agency overseeing that
24	cleanup?	

		Page 31
1	A.	The US EPA.
2	Q.	Are you familiar with what's being
3	referred here	in this case as the southwest sites?
4	A.	Yes.
5	Q.	That includes Sites 3 and 6, correct?
6	Α.	I'm sorry?
7	Q.	The southwest sites include Sites 3
8	and 6?	
9	A.	Yes, it does.
10	Q.	And were these part of the original
11	Superfund sit	e?
12	A.	No.
13	Q.	As you know, this case is about
14	Site 3 and Si	te 6. I'm going to ask you questions
15	about Site 3	as we referred to in the opening and
16	part of Site	6. When I'm talking about Site 6,
17	I'm talking a	bout certain western portions of Site
18	6. Okay?	
19	Α.	Yes. Okay.
20	Q.	I'd like to direct your attention to
21	Exhibit 53-3.	We will pull it up so everyone can
22	see it.	
23	Α.	Okay.
24	Q.	Mr. Clinton, are you familiar with

Page 32 the viewing aerial photos? 1 2 A. Yes. 3 0. And why is that? That's part of my job when I was 5 managing the Johns Manville site in Waukegan to 6 review the --7 What is this --0. 8 A. To review the --9 I'm sorry. Go ahead. 0. A. 10 To review the aerial photographs. 11 What is this a photo of? 0. 12 A. That's an aerial photograph primarily of the Johns Manville site with the Illinois Beach 14 State Park to the north and the power plant and the 15 Commonwealth Edison power distribution to the south. 16 MS. BRICE: And just for the 17 record, Mr. Halloran, there's a stipulation 18 on this document. 19 HEARING OFFICER HALLORAN: Okay. 20 Thank you. 21 BY MS. BRICE: 22 0. And could you read for me the date 23 on this aerial photo? 24 I'm sorry. I do not see that.

Page 33 1 Q. I think it's up in the upper 2 right-hand corner. 3 Do you see up to the right, it says 2014? Does that appear to be the date? 5 A. Oh, yes. Sorry. 6 Sorry. I'm going to hand you a board that has a copy of this exact exhibit on 8 it so you can do some markings for us. 9 What is the road just south 10 of the JM facility? 11 That is Greenwood Avenue. A. 12 Q. Okay. And could you please highlight that on the exhibit in yellow? 13 14 A. Greenwood Avenue comes from the 15 east/west and ends just about that spot 16 (indicating). Q. And what is the road just west of 17 18 the JM facility? 19 A. That's Pershing Avenue. 20 Q. Okay. Could you mark that in blue, 21 please? 22 (Witness complied.) A. 23 Did this road previously have a 24 different name?

		Page 34
1	Α.	It used to be Sand Street.
2	Q.	Just for orientation purposes, where
3	is Lake Michigan on this map?	
4	Α.	Lake Michigan is to the east.
5	Q.	Where is Site 3? Could you circle
6	Site 3 generally in pink for us?	
7	Α.	Site 3 is generally in this area
8	(indicating).	
9		MR. McGINLEY: Excuse me,
10	Mr. Halloran. Could I ask you yes.	
11	You point	it in this direction too?
12		THE WITNESS: I'm sorry.
13	BY MS. BRICE:	
14	Q.	And what are the contaminants located
15	at Site 3?	
16	A.	Asbestos-containing products.
17	Q.	And what is Site 3 physically?
18	Α.	It's a property owned by Commonwealth
19	Edison. John	s Manville utilized part of that
20	property from	the late '50s beginning in the
21	late '50s as	a parking lot for access to our
22	office space	just north of Greenwood.
23	Q.	Where is Site 6 on that map? Can
24	you do that -	- do you have a green marker up there?

Page 35 1 A. Nope. 2 Okay. Let's just use yellow again. 3 A. Site 6 is the right-of-way along the north side of Greenwood Avenue and the south side of Greenwood Avenue. 5 6 HEARING OFFICER HALLORAN: If 7 you could keep your voice up, Mr. Clinton. 8 THE WITNESS: I'm sorry. 9 HEARING OFFICER HALLORAN: 10 you. BY MS. BRICE: 11 12 And what are the contaminants located 0. on Site 6? 13 14 Primarily asbestos-containing A. 15 materials. 16 MR. McGINLEY: Excuse me, 17 Mr. Halloran. Could we ask the witness -we're having difficulty seeing what he's 18 19 just marked. Is there some way that you 20 could just -- can I -- do you mind if I 21 just --22 HEARING OFFICER HALLORAN: 23 You may approach. 24 MR. McGINLEY: Thank you.

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Page 36 7 BY THE WITNESS: 2 It's hard to see the marking, but A. 3 somewhere in this area along the north side and the south side of ... 4 5 THE COURT REPORTER: You will 6 need to keep your voice up, sir. 7 MR. McGINLEY: And are you 8 saying --9 HEARING OFFICER HALLORAN: Excuse 10 me. Mr. Clinton and Mr. McGinley, just 11 keep your voices up for the court reporter, 12 please. 13 THE WITNESS: Yeah. Parts of it 14 go to the end of the Greenwood Avenue on 15 the right-of-way. 16 MR. McGINLEY: Okay. Great. 17 you. 18 Thank you, Mr. Halloran. 19 HEARING OFFICER HALLORAN: 20 you. 21 BY MS. BRICE: 22 Mr. Clinton, I was saying earlier 23 that we were going to be focusing on the western

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portion of Site 6. So could you describe for the

- 1 Board the western portion of Site 6?
- 2 A. The western portion of Site 6
- 3 begins about half to a third of the way west of
- 4 the Green- -- the end of the Greenwood ramp to
- 5 the Pershing and Greenwood intersection.
- 6 Q. And where are the contaminants
- 7 located in Site 6?
- 8 A. Asbestos-containing materials.
- 9 Q. And physically, what is Site 6?
- 10 A. Site 6 is --
- 11 Q. That portion of Site 6?
- 12 A. -- the right-of-way for Greenwood
- 13 Avenue.
- 14 Q. Okay.
- 15 A. Yes.
- 16 Q. What has your role been with respect
- 17 to Sites 3 and 6 for Johns Manville?
- 18 A. I was the project manager for the
- 19 entire Johns Manville site, which included the
- 20 activities on Site 3 and Site 6.
- 21 Q. Now, has Johns Manville ever owned
- 22 any part of Site 3?
- 23 A. No, it has not.
- Q. Has Johns Manville ever owned any

Page 38 part of the southern part of Site 6? 2 No, it has not. A. 3 0. Okay. I'd like you to turn to Exhibit 63. 5 MS. BRICE: Which was also 6 admitted through stipulation, Mr. Halloran. 7 HEARING OFFICER HALLORAN: Thank 8 you, Ms. Brice. 9 MR. McGINLEY: Excuse me. If I 10 could just ask of counsel, Mr. Halloran, 11 what binder are you working from? 12 MS. BRICE: I'm working on my own 13 binder. 14 MR. McGINLEY: Okay. Thank you. 15 MS. BRICE: I'm sorry. Sixty-three. 16 It's the EECA. 17 MS. CAISMAN: It's probably four 18 or five. 19 MR. McGINLEY: I'm sorry. Thank 20 you. 21 BY MS. BRICE: 22 Q. Mr. Clinton, have you seen this 23 document before? 24 A. Yes.

- 1 Q. And what is it?
- 2 A. It's an engineering evaluation
- 3 and cost analysis for the characterization of
- 4 Sites 3, 4 and 6 surrounding the JM property.
- 5 Q. And what was the purpose of this
- 6 document?
- 7 A. It was to confirm the presence of
- 8 asbestos-containing material on the site and its
- 9 locations and then recommend several alternatives
- 10 for remediation of the sites.
- 11 Q. What remedy was recommended in this
- 12 document for Site 3?
- 13 A. For Site 3, it was Alternative 2.
- 14 Q. Which was?
- 15 A. Primarily, a cap and vegetative
- 16 cover on the majority of Site 3 with about 700
- 17 cubic yards of excavation and capping of that
- 18 excavated area in the northeast corner of the
- 19 site.
- Q. What was the remedy recommended
- 21 for the southern portion of Site 6?
- 22 A. It was an Alternative 3, which
- 23 is hybrid, but again basically excavation,
- 24 backfilling with clean fill, putting a vegetative

- 1 cap and ongoing O & M.
- Q. I would like to mark for the record
- 3 and if you would. Please turn in your exhibit book
- 4 to the next document, which is Exhibit 65.
- 5 MS. BRICE: This document is
- 6 also admitted, Mr. Halloran.
- 7 HEARING OFFICER HALLORAN: Thank
- 8 you. Stipulated.
- 9 BY MS. BRICE:
- 10 Q. Mr. Clinton, have you seen this
- 11 document before?
- 12 A. Yes.
- 13 O. What is this document?
- 14 A. This is the enforcement action
- 15 memorandum from the US EPA related to Site 3 and
- 16 Site 6.
- 17 Q. When was it issued?
- 18 A. November 30, 2012.
- 19 Q. In general, what did this document
- 20 require of Johns Manville?
- 21 A. It required a remediation activity
- 22 as modified and changed from the recommended EECA
- 23 remediation alternative that was presented by Johns
- 24 Manville.

	Page 41
1	Q. And how did it differ from the EECA
2	alternative presented by Johns Manville?
3	A. The main difference generally is
4	much more excavation to deeper depths to create
5	clean corridors around all of the utilities
6	and/or remove and replace utilities in other
7	areas of the surrounding area. So it was a
8	much more in-depth, no pun intended, remediation.
9	Also, a cap and cover after that.
10	Q. What did JM do in response to
11	this document?
12	A. We filed a dispute under the AOC
13	for this document for the for the orders that
14	were in this action.
15	Q. And what happened?
16	A. That was denied.
17	Q. If you could, please turn to your
18	next document. This is Exhibit 73.
19	MS. BRICE: And this is also
20	stipulated, Mr. Halloran.
21	HEARING OFFICER HALLORAN: Thank
22	you.

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Mr. Clinton, have you seen this

23

24

BY MS. BRICE:

Page 42 document before? 2 A. Yes. 3 0. Okay. And what is the date on this document? 4 5 September 26, 2014. A. 6 0. And what is this document? 7 It's an approval of the Remedial A. 8 Action Work Plan with modifications. 9 0. What is the significance of this 10 document for the removal process? 11 This is a trigger to begin the work on Site 3 and Site 6. 12 All right. I'd like to switch back 13 0. 14 now and go into a little bit of history and talk 15 a little bit about JM. When was the JM facility 16 opened? 17 They began manufacturing somewhere around 1922. 18 And what did JM manufacture in 19 0. 20 Waukegan? 21 A. Various types of products from 22 roofing materials, pipe insulation, Transite pipe, 23 packing and friction materials, gaskets, brake

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shoes, that type of thing.

24

Page 43 1 Q. And did some of these products contain asbestos? 3 A. Yes, they did. Why was asbestos used in these 5 products to the extent that you know? 6 Usually, for two -- one of two different reasons. Asbestos was used either as a fire resistant ingredient in the products 9 to make it temperature resistant and/or it was used as a reinforcement in the product, for 11 example, in the Transite pipe. 12 And what is concrete Transite pipe? It's basically the same shape and 13 14 appearance as the pipe that you see in pipe today 15 on road construction jobs. It's made basically 16 of concrete matrix, but it is -- it also includes 17 asbestos fiber and it's autoclaved or heat cured 18 as part of the manufacturing process to make it 19 stronger. 20 0. Do you know how much asbestos was 21 generally put in concrete Transite pipe? 22 Typically, 20 to 30 percent. 23 And what does it look like? 0.

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The pipe itself?

24

A.

Page 44 1 0. Yes. 2 A. As I mentioned, very similar to the pipe that you see today although it might be a darker grey color because of the autoclaving process. You might also see some modeling variations in color on the surface due to the asbestos that's in the matrix. Do you believe a lay person would 8 be able to tell the difference? It would be difficult. 10 A. What about the dimensions of this 11 Transite pipe manufactured at Johns Manville? 12 13 A. I wasn't involved in the actual manufacturing, but as I recall the pipe diameters 14 15 range from a two-inch to maybe 48-inch diameter. 16 How long? 0. 17 A. Typically, ten to 12 feet long. 18 0. When did the JM facility close down? 19 A. The facility? 20 Q. Yes. 21 1998 was the last manufacturing 22 operation. I'm going to talk a little bit about 23

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Site 3. To your knowledge, when was Site 3

24

Page 45 1 identified? 2 A. 1998. 3 What was identified on Site 3? 0. 4 Surficial asbestos material. 5 And you were in charge of the 6 project at this time, right? 7 A. Yes. 8 At that time in 1998, what did JM 9 know about the history of Site 3? 10 A. Nothing. 11 What did you do to learn about 0. 12 the history of Site 3? 13 A. After the ACM was discovered, I 14 began a review of the aerial photographs that 15 were in Johns Manville's possession and realized 16 that there was a parking lot being used on the 17 site. Others within JM did discover a license

19 Edison to utilize that property as a parking lot

agreement between Johns Manville and Commonwealth

20 for our office complex.

Q. What did you use to investigate the

22 parking lot?

23 A. After I noticed the -- saw the

24 parking lot on the aerial photographs, I spoke

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18

Page 46 with a gentleman who is a maintenance employee at the Johns Manville site at that time and asked him if he was aware of any of the construction for that parking lot. He mentioned that he knew that they used Transite pipe as wheel bumpers for 5 6 the parking lot. 7 0. In 1998, did you know anything about IDOT's connection to Site 3? 9 Not at all, no. A. 10 0. Okay. I'd like to mark Exhibit 50, 11 which is not stipulated to. 12 MS. O'LAUGHLIN: Fifty? MS. BRICE: Yes. It's the 13 14 license agreement. 15 BY MS. BRICE: 16 Mr. Clinton, I'm providing to you 0. 17 what's been marked as Trial Exhibit 50 and it 18 has -- it's JM 0007094 through JM 007104 and an 19 affidavit of Brent Tracy attached at the end. 20 MR. McGINLEY: I'm going to 21 object to this document, Mr. Halloran. 22 There is no authentication of the document and if counsel wants to offer -- attempt 23 24 to authenticate it, that's fine. But

		Page 47
1	as far as	s we are concerned, it is not
2	authentic	cated.
3		HEARING OFFICER HALLORAN: And
4	Ms. Brice	?
5		MS. BRICE: I'd like to lay the
6	foundation	on.
7		HEARING OFFICER HALLORAN: Proceed.
8	I'll rese	erve ruling.
9	BY MS. BRICE	
10	Q.	Mr. Clinton, have you seen this
11	before?	
12	Α.	Yes.
13	Q.	And what is this?
14	A.	This is a license agreement between
15	Johns Manvill	le and Commonwealth Edison Company for
16	Johns Manvill	le's use of a portion of Site 3 as a
17	parking lot.	
18	Q.	And what is the date on this document?
19	А.	November 16, 1956.
20	Q.	And is this the document you were
21	referring to	previously, the license agreement?
22	A.	Yes.
23	Q.	Do you know where this document was
24	recently loca	ated?

		Page 48
1	A. It was in the Johns Manvi	lle archives.
2	Q. Would you generally expec	t such a
3	document to be in the Johns Manville ar	chives?
4	A. Yes.	
5	MR. McGINLEY: Objection,	basis.
6	HEARING OFFICER HALLORAN:	I'm
7	sorry, Mr. McGinley.	
8	MR. McGINLEY: I'm object	ing. I
9	mean, I think they need to I thi	nk they
10	need to show why the archives have	any
11	validity to being reliable.	
12	HEARING OFFICER HALLORAN:	Ms. Brice?
13	BY MS. BRICE:	
14	Q. Mr. Clinton, do you have	familiarity
15	with JM's archives?	
16	A. Yes. It's a corporate sy	stem that
17	we have for keeping old documents im	portant
18	documents that must be maintained based	in Denver,
19	O Colorado.	
20	Q. And have you had to acces	s documents
21	from this archive system?	
22	A. Yes.	
23	Q. And would you consider th	is archive
24	4 system to be a reliable source of histo	rical

Page 49 information relating to Johns Manville? 1 2 A. Yes. 3 HEARING OFFICER HALLORAN: I think the evidence is sufficient. 4 I mean, 5 I'm looking at the Illinois Rules of 6 Evidence 901. So the objection is 7 overruled. You may proceed. 8 MS. BRICE: So we have 9 admitted this into evidence. So we 10 can put this up on the screen. BY MS. BRICE: 11 12 Q. Mr. Clinton, do you have an understanding why JM was entering into this 14 agreement with Commonwealth Edison? 15 A. Generally, in the mid-'50s, the plant was in the very high operating level. 16 17 employees and the parking situation on the west 18 lot was full. So I'm sure they used that parking lot in order to relieve some of the parking 19 20 congestion. 21 And how do you know that? 0. 22 A photograph that we have, an aerial 23 photograph of the site. 24 Okay. I'd like to direct your

- 1 attention to Paragraph 7. What does Paragraph 7
- 2 say about the perimeter of the parking lot?
- 3 A. It says, the licensee, Johns Manville,
- 4 must install and maintain suitable barriers on the
- 5 perimeter of the lot to confine the licensee's
- 6 use to the area signified -- specified.
- 7 Q. Let's look at the ninth paragraph.
- 8 What does it say about wheel stops in the ninth
- 9 paragraph?
- 10 A. It says the licensee at its cost
- 11 and expense shall install and maintain wheel
- 12 stops to provide an orderly alignment of the
- 13 rows of cars.
- 14 Q. What was your reaction when you
- 15 saw this document?
- 16 A. It really confirms the conversation
- 17 that I had with the JM employee about the wheel
- 18 stops.
- 19 Q. To your knowledge, did US EPA do
- 20 anything to investigate the history of the southwest
- 21 sites?
- 22 A. I had general knowledge that the
- 23 EPA had investigators working on southwest sites.
- Q. And has US EPA described the

- 1 history of Site 3 anywhere in the record to your
- 2 knowledge?
- 3 A. Yes. In the action memo.
- 4 Q. And what did they say in the action
- 5 memo?
- 6 A. They indicated that the parking
- 7 lot included the installation of Transite pipe
- 8 sawed or cut longitudinally and placed for use
- 9 as wheel stops.
- 10 Q. If I could direct your attention
- 11 to Exhibit 53 A, which is an aerial photograph
- 12 that has been stipulated to, Mr. Clinton, have
- 13 you seen this before?
- 14 A. Yes.
- 15 O. What is this?
- 16 A. This is an aerial photograph of
- 17 the west end of the Johns Manville site depicting
- 18 the production buildings and parking area and it
- 19 also indicates a parking lot on Site 3 -- what is
- 20 now Site 3.
- 21 Q. So can you point out for us where
- 22 this parking lot is that we have been discussing
- 23 on Site 3?
- A. This is the general Site 3 area and

- 1 this is the parking lot (indicating).
- 2 Q. Can you describe what you are seeing
- 3 with respect to the configuration of the parking
- 4 lot in this photo? The parking lot that I'm
- 5 talking about is the one on Site 3.
- 6 A. I'm sorry.
- 7 Q. Can you describe the configuration
- 8 for the record since --
- 9 A. The lot is a rectangular shape.
- 10 It's located directly south of Greenwood Avenue.
- 11 It has a long dimension of the east/west direction
- 12 and it appears from the photograph that there
- 13 was a fairly well delineated border between the
- 14 parking lot and the balance of the property on
- 15 what is now called Site 3.
- 16 As well, you can notice that
- 17 the cars seem to be parked in a fairly orderly
- 18 manner on the lot.
- 19 Q. Do you know the date on this aerial
- 20 photograph?
- 21 A. I think that is in the '60s.
- Q. I'd like to turn to Trial Exhibit 57,
- 23 please.
- MS. BRICE: For the record,

	Page
1	Mr. Halloran, this document is admitted
2	for authenticity and for many purposes,
3	except JM is not stipulating some of the
4	hearsay statements in offer for the truth
5	of the matter asserted in this document
6	by IDOT.
7	HEARING OFFICER HALLORAN: Okay.
8	We can proceed and see what happens. You
9	can object at the appropriate time.
10	MS. BRICE: It's actually JM
11	that is not that's objecting to IDOT's
12	use and characterization of this.
13	HEARING OFFICER HALLORAN: Okay.
14	What exhibit is it? I'm sorry.
15	MS. BRICE: It's Exhibit 57. And
16	I'm just going to ask him about it generally.
17	HEARING OFFICER HALLORAN: You
18	may proceed.
19	BY MS. BRICE:
20	Q. Okay. Mr. Clinton, I have before
21	you Trial Exhibit 57. Have you seen this before?
22	A. Yes.
23	Q. And what is this?
24	A. This is a report produced by ELM

- 1 Consulting documenting the surface and subsurface
- 2 characterization that they performed on Sites 2
- 3 and 3.
- 4 Q. And what was your role with respect
- 5 to Site 3 in 1999, which is -- the date on the
- 6 document is 1999, correct?
- December 1999, yes.
- 8 Q. What was your role with respect to
- 9 the site in 1999?
- 10 A. I was the project manager at the JM
- 11 Waukegan site in 1999.
- 12 Q. And were you the person that
- 13 communicated with ELM?
- 14 A. Yes.
- 15 Q. Did you discuss with ELM the history
- 16 of the Site 3 parking lot?
- 17 A. Yes.
- 18 Q. What did you tell them?
- 19 A. I told them that I had a discussion
- 20 with one of our employees and that the parking lot
- 21 had the asbestos-containing Transite as wheel
- 22 bumpers.
- Q. And where was that on the parking
- 24 lot?

Page 55 1 On the surface. A. Did you ever tell ELM that Site 3 2 Q. area had been filled with ACM prior to being used 3 by Johns Manville as a parking lot? 5 No, I did not. 6 0. Did you ever tell ELM that the 7 Site 3 area had been filled at all by anyone prior to being used by JM as a parking lot? 8 9 A. No, I did not. 10 Why is that? 0. 11 A. I had no evidence or knowledge of 12 that. 13 MS. BRICE: I have no further 14 questions. 15 HEARING OFFICER HALLORAN: Thank 16 you, Ms. Brice.

17 Mr. McGinley?

18 MR. McGINLEY: Thank you.

19 CROSS-EXAMINATION

20 by Mr. McGinley

Q. Mr. Clinton, you say that you

22 oversaw the site investigation response activity

23 at the Johns Manville site -- the whole Johns

24 Manville for a number of years, correct?

	Page 56
1	A. Yes.
2	Q. How many years?
3	A. From 1998 through 2011/2012.
4	Q. 1998. Thank you.
5	Now, you testified earlier
6	that after you learned in your capacity as
7	I'm sorry. Your exact role was project manager?
8	A. Yes.
9	Q. Project manager. Thank you.
10	So as project manager back in
11	1998 when surficial ACM was discovered as what
12	is now what is understood to be Site 3, but was
13	not called Site 3 at that time, correct?
14	A. Yes.
15	Q. You set about trying to understand
16	the history of that piece of property on the south
17	side of Greenwood Avenue office at Johns Manville
18	facility, correct?
19	A. Uh-huh.
20	Q. And you testified that you ended
21	up trying to get records. You looked at aerial
22	photos first and were able to ascertain that at
23	some point, there was a parking lot on the south
24	side of Greenwood Avenue, correct?

- 1 A. Yes.
- Q. Okay. It's your testimony that
- 3 you attempted to look into the historical
- 4 records of Johns Manville to try and find further
- 5 information about what might have taken place
- 6 in this piece of property south of Greenwood
- 7 Avenue, correct?
- 8 A. I did not. I reviewed aerial
- 9 photographs. Others within JM did a search
- 10 for the license agreement.
- 11 Q. Okay. And it's your testimony
- 12 that this would have been housed in Johns Manville's
- 13 corporate archives in Denver; is that correct?
- 14 A. Yes.
- 15 Q. Okay. And is it your understanding
- 16 that the archive maintains records about things
- 17 such as historical activities of Johns Manville?
- 18 I mean, that's the central repository for that
- 19 information?
- 20 A. Yes.
- Q. Okay. And has that always been the
- 22 case as best you know?
- 23 A. Yes.
- Q. If you wanted to look for something

- 1 today pertaining to work that had been done at
- 2 another Johns Manville manufacturing facility
- 3 at some point in the past, would you go to the
- 4 historical archive to find that information or
- 5 ask somebody to look at information for you in
- 6 the archives?
- 7 A. Yes.
- 8 Q. The study that was done -- let me
- 9 ask you something.
- 10 Last year, when I asked you --
- 11 you were deposed in this case last year, do you
- 12 recall that?
- 13 A. Yes.
- 14 Q. You testified that you had never
- 15 seen any documents that were related to the
- 16 construction of the parking lot. Is that still
- 17 your testimony here today?
- 18 A. I had never seen any documents
- 19 related to the construction of the parking lot?
- 20 Q. That's correct. You testified to
- 21 that last year, sir.
- 22 A. I saw this document whenever we were
- 23 preparing for the trial.
- Q. When you were preparing for the

Page 59 trial -- I'm sorry. Which document are you referring to? 3 A. The license agreement. 4 The license agreement? 5 A. Yes. 6 0. And when you say you were preparing for the trial, are you talking about just in the recent past or --9 A. Recent, yes. 10 0. How recent, sir? 11 A. Weeks. 12 Within the past few weeks. Q. 13 Is that the first time that you 14 had ever seen the license agreement? 15 A. Yes. 16 So the only way that you knew about 17 the license agreement back in 1998 was by asking people to find it for you, correct? 18 I didn't know about the license 19 A. 20 agreement in 1998. They -- other people were 21 looking for that within Johns Manville. And other people communicated to 22 you something along the lines of we found this 23

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licensing agreement from back in the 1950s?

24

Page 60 1 A. No. I don't recall that. 2 0. You don't recall that? 3 A. My focus was on aerial photographs 4 and based on the aerial photographs. 5 0. Okay. That's when I identified the 6 7 parking lot. 8 MR. McGINLEY: I have no further 9 questions. 10 MS. O'LAUGHLIN: Wait. 11 BY MR. McGINLEY: 12 The actual parking lot itself, do Q. you have any knowledge about how it was constructed other than having looked at aerial photographs of 14 15 the parking lot? A. The only knowledge is discussion I 16 17 had with a JM employee who said that Transite 18 pipe was used as the parking lot bumpers for the 19 cars. 20 Q. Okay. But Mr. Taylor -- Gene Taylor 21 is who you're referring to, correct? 22 Yes. 23 Mr. Taylor never told you --0. 24 Mr. Taylor's role was a maintenance employee,

- 1 correct?
- 2 A. Yes.
- 3 Q. So as a maintenance employee, I
- 4 assume that he would not have been involved in
- 5 any of the construction of the parking lot back
- 6 at the time it was built, right?
- 7 A. I don't know what his involvement
- 8 was. All he said was he was aware that parking
- 9 lot bumpers were used -- Transite was used for
- 10 parking lot bumpers.
- 11 Q. And you'd admit that the area in
- 12 which the parking lot was constructed was generally
- 13 speaking below Greenwood Avenue, correct?
- 14 A. I really don't have any knowledge
- 15 of what the relationship between that surface and
- 16 Greenwood Avenue was in the late '50s.
- 17 Q. Okay. But you've seen aerial
- 18 photographs of the parking lot as it existed after
- 19 it was constructed? We looked at one just earlier
- 20 today, right?
- 21 A. Yes, uh-huh.
- 22 Q. And you've looked at aerial
- 23 photographs in the course of your work as a project
- 24 manager, correct?

Page 62 1 A. Uh-huh. 2 So wouldn't you have to admit then Q. that the area that's around -- the parking lot 3 itself appears to be raised up from the surrounding 5 area? 6 Those aerial photographs are not clear enough or of enough detail to show elevations 8 from that height. 9 Q. And do you have --10 So basically, it's a surficial area. 11 So other than talking to Mr. Taylor, 12 though, and having seen the lease agreement, which 13 we will note for the record has a diagram on 14 the back of it showing the exterior dimensions 15 of the parking lot, you have seen that, correct? 16 A. Yes. 17 And that's the last page on the 18 lease agreement; is that right? 19 A. Yes. You haven't actually seen anything --20 21 when the term construction specifications is used, 22 does that have any particular meaning to you? 23 MS. BRICE: Objection, lack

L.A. Court Reporters, L.L.C. 312-419-9292

24

of foundation.

	Page 63
1	THE WITNESS: I'm sorry.
2	MS. BRICE: Vague.
3	HEARING OFFICER HALLORAN: And
4	Mr. McGinley
5	HEARING OFFICER HALLORAN: I'm
6	sorry. Foundation was your objection?
7	MS. BRICE: Vague.
8	HEARING OFFICER HALLORAN: Would
9	you rephrase?
10	MR. McGINLEY: Sure.
11	HEARING OFFICER HALLORAN: Thanks.
12	BY MR. McGINLEY:
13	Q. Have you seen any documents that
14	other than the diagram that's attached to the back
15	of the lease agreement that I believe is Exhibit 50,
16	have you seen any documents that document how the
17	parking lot was actually constructed?
18	A. No, I have not.
19	MR. McGINLEY: No further
20	questions.
21	HEARING OFFICER HALLORAN: Thank
22	you.
23	Any redirect, Ms. Brice?
24	MS. BRICE: No redirect.

L.A. Court Reporters, L.L.C. 312-419-9292

	Page 6
1	HEARING OFFICER HALLORAN: Okay.
2	Thank you.
3	Mr. McGinley, what exactly
4	is your objection regarding hearsay if you
5	could be more specific regarding Exhibit 57?
6	And, Ms. Brice, I guess
7	it's 57, correct?
8	MS. BRICE: I don't know that
9	he objected.
10	HEARING OFFICER HALLORAN: Oh,
11	I thought you said
12	MR. BRICE: It was authenticity,
13	that I know of. Exhibit 57 is my objection.
14	HEARING OFFICER HALLORAN: Oh,
15	okay.
16	MS. BRICE: Fifty-seven is my
17	objection. There is a statement in
18	Exhibit 57 that is attributed. It says,
19	"according to Johns Manville," and it
20	contains more official that IDOT has
21	tried to use in this case. That's my
22	objection.
23	HEARING OFFICER HALLORAN: Okay.
24	Could you point me to that, please?

L.A. Court Reporters, L.L.C. 312-419-9292

	Page 6
1	MS. BRICE: Sure. It is on
2	Exhibit 57 and
3	HEARING OFFICER HALLORAN: Well,
4	I know that. There's about 600 page.
5	MR. McGINLEY: Mr. Halloran, I
6	believe if you looked at Page 14JM000040,
7	that's four zeros and a 40, if you look
8	at the second full paragraph at the top,
9	I think you'll see the statement that
10	counsel is referencing that they object
11	to the authenticity.
12	MS. BRICE: Correct.
13	HEARING OFFICER HALLORAN: Page 48?
14	MR. McGINLEY: No, no. One-four.
15	HEARING OFFICER HALLORAN: Oh,
16	one-four.
17	MR. McGINLEY: It's JM. If you
18	look on the bottom, I'm just going by the
19	Bates number.
20	HEARING OFFICER HALLORAN: Okay.
21	MR. McGINLEY: It's 5711.
22	HEARING OFFICER HALLORAN: Yes.
23	That's what I have. Right. JM000040?
24	MS. BRICE: Correct.

	Page 6
1	HEARING OFFICER HALLORAN: First
2	paragraph? Second paragraph?
3	MS. BRICE: First paragraph, the
4	sentence that says, "According to JM."
5	HEARING OFFICER HALLORAN: I'm
6	going to overrule that. Thank you. It's
7	not to least based on Section 101.626, the
8	Board's procedural rules.
9	MS. BRICE: Sure. I'm not
10	objecting to it at the moment.
11	HEARING OFFICER HALLORAN: Okay.
12	MS. BRICE: When they are trying
13	to use it, I can flesh out the objections
14	at that time.
15	HEARING OFFICER HALLORAN: Okay.
16	That's good. You can proceed. I'm a little
17	unclear.
18	MS. BRICE: Sorry.
19	HEARING OFFICER HALLORAN: No.
20	It's not your fault. I guess we should
21	have addressed it when the time came as
22	far as when you're moving into trying
23	to move it into evidence.
24	MS. BRICE: Okay. Thank you,

L.A. Court Reporters, L.L.C. 312-419-9292

	Page 67
1	Mr. Clinton.
2	HEARING OFFICER HALLORAN: Thank
3	you, Mr. Clinton.
4	THE WITNESS: Yes.
5	HEARING OFFICER HALLORAN: You
6	may step down.
7	(Witness excused.)
8	MS. BRICE: I would like to call
9	Tat Ebihara, please.
10	HEARING OFFICER HALLORAN: Thank
11	you.
12	Raise your right hand and Lori
13	will swear you in. Thank you.
14	THE COURT REPORTER: Do you swear
15	the testimony you are about to give is the
16	truth, the whole truth and nothing but the
17	truth, so help you God?
18	MR. EBIHARA: I do.
19	(Witness sworn.)
20	HEARING OFFICER HALLORAN: You may
21	proceed.
22	WHEREUPON:
23	TATSUJI EBIHARA
24	called as a witness herein, having been first duly

		Page 68
1	sworn	, deposeth and saith as follows:
2	DIR	ECT EXAMINATION
3		by Ms. Brice
4	Q.	Could you please state your name for
5	the record?	
6	Α.	Tatsuji Ebihara.
7	Q.	And do you generally go by Tat?
8	Α.	I do.
9		HEARING OFFICER HALLORAN: Could
10	you spell	that, please?
11		THE WITNESS: T-A-TS as
12	in Sam	-U-J-I, last name is E-B-I-H-A-R-A.
13		HEARING OFFICER HALLORAN: Thank
14	you.	
15	BY MS. BRICE:	
16	Q.	And Mr. Ebihara, who is your employer?
17	Α.	AECOM Technical Services.
18	Q.	And how long have you worked for
19	AECOM?	
20	Α.	Approximately four years.
21	Q.	What is your current title?
22	Α.	Project manager.
23	Q.	And with respect to your education,
24	what in the	at kind of degrees do you have?

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- 1 A. I have an undergraduate degree in
- 2 chemical engineering and a masters and Ph.D. in
- 3 environmental engineering.
- 4 Q. What is your involvement with the
- 5 JM Waukegan Superfund site area known as the
- 6 southwest sites?
- 7 A. I've been a project manager
- 8 involved since 2004 and it's been regarding
- 9 development of remedial -- remediation work
- 10 plans and reports and investigation reports.
- 11 Q. Okay. Can you explain to me --
- 12 I know there's kind of a complicated history
- 13 with AECOM and prior consulting firms. Can
- 14 you explain that?
- 15 You just said you've been
- 16 involved since 2004, but you've been at AECOM
- 17 for four years.
- 18 A. Right.
- 19 Q. Could you please explain for us
- 20 what you mean by that?
- 21 A. The primary consultant for a Waukegan
- 22 site, engineering consultant, has been -- was in
- 23 2004, LFR. That company was purchased by Arcadis
- 24 U.S., Incorporated approximately in 2009. I was

Page 70 employed by both of those firms. The main members of the team -- consulting team moved to AECOM in 2012. 3 Okay. So you've been involved in 0. 5 this site working with LFR, Arcadis and AECOM, 6 correct? 7 A. That's correct. When did you first become involved 9 with their site? 10 A. 2004. 11 And are you familiar with Sites 3 and 6 that we've been discussing? 13 A. Yes. 14 And there has been a settlement agreement administrative order and consent in this case; is that correct? 16 That's correct. 17 A. 18 And when was that issued? Q. 19 In 2007. A. 20 Q. And does that govern Sites 3 and 6? 21 A. Yes. 22 0. And what work have you done regarding Site 3 and the western portion of Site 6? 23 24 A. I was involved in the planning of

- 1 the investigation activities and the engineering
- 2 evaluation and costs analysis.
- 3 Q. What part of this work did LFR do?
- 4 We're talking about three different consulting
- 5 firms. So I'm going to try and break it up.
- 6 A. Yes.
- 7 Q. What part did LFR do?
- 8 A. LFR did primarily the investigation
- 9 activities and executing an investigation work plan.
- 10 Q. What did Arcadis, what did they do
- 11 in general?
- 12 A. They completed the EECA report
- 13 that was referred to earlier, their Engineering
- 14 Evaluation and Cost Analysis. Earlier versions
- 15 were completed by LFR.
- 16 Q. And in general, what has AECOM done
- 17 on these sites?
- 18 A. Preparation of the Removal Action
- 19 Work Plan and agreements with utilities owners
- 20 and coordination.
- 21 Q. Were you present when LFR did some
- 22 of its sampling in 2008?
- 23 A. Yes.
- Q. And at the time of that sampling in

Page 72 2008, did you have an understanding of IDOT's 2 prior construction activity on Site 3? 3 A. I did not. 4 What was your understanding of how the ACM came to be located on Site 3 at that 5 time in 2008? 6 7 A. From Johns Manville, I understood that Transite pipe was used as parking lot bumpers. 9 Q. Have you seen pieces of Transite pipe on Sites 3 and 6? 10 11 A. I have. 12 0. And what do they look like? It's like concrete-like material 13 A. 14 with a fiber structure within it. 15 Q. How big are the pieces that you have 16 seen? 17 The pieces that I've personally seen 18 are two to four inches in size, maybe a little bit 19 larger. 20 Can you tell the difference between 21 regular pipe and concrete Transite pipe? 22 A. I can. 23 And how is that? Q.

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There is a darker color to it. You

24

A.

- 1 can see a fiber structure within a broken edge
- 2 and you can see a pattern for a press or mold
- 3 off and on a surface -- on the surfaces.
- Q. Is it your belief that people who
- 5 conducted work for LFR and AECOM were able to do
- 6 so as well, to tell the difference between regular
- 7 pipe and concrete Transite pipe?
- 8 A. Yes.
- 9 Q. I'd like to have you turn to Trial
- 10 Exhibit 74.
- MS. BRICE: This is a stipulated
- 12 exhibit.
- 13 HEARING OFFICER HALLORAN: Thank
- 14 you.
- 15 BY MS. BRICE:
- 16 Q. Mr. Ebihara, have you seen this
- 17 document before?
- 18 A. I have.
- 19 Q. And what is it?
- 20 A. It is a letter communication from
- 21 LFR to Commonwealth or Exelon Corporation, also
- 22 a part of Commonwealth Edison.
- Q. Okay. And what is the date on this
- 24 document?

- A. It is July 8, 2008.
- Q. Okay. Can you turn to the bottom
- 3 of Page 1 and the top of Page 2 and read for me
- 4 into the record the language that says, "Based
- 5 upon the surface"?
- 6 A. "Based upon the surface elevations
- 7 and visual observation, the excavation falls
- 8 clearly within the Greenwood Avenue ramp
- 9 construction for the Amstutz Expressway."
- 10 Q. Can you turn to Photo 5 of this
- 11 document? It is at 74-8. Can you tell me what
- 12 Photo 5 is a photo of?
- 13 A. There is a photograph of and
- 14 excavation pit and protruding from the lower
- 15 right side of the pit is a piece of Transite
- 16 material.
- 17 Q. Okay. Thank you. I'd like to
- 18 talk to you -- to switch gears a little bit and
- 19 talk about the remedy. Are you the person at
- 20 AECOM responsible for implementing the Remedial
- 21 Action Work Plan at Sites 3 and 6?
- 22 A. I'm responsible for the plan
- 23 development as well as part of the team that
- 24 implements the construction.

	Page 75
1	Q. Are you US EPA's contact with respect
2	to the southwest sites?
3	A. I am.
4	Q. When was it that JM first understood
5	the nature and scope that the remedy US EPA would
6	be requiring?
7	A. The action memorandum of November
8	of 2012 was the outlined the requirements of
9	the remedial action.
10	Q. Is there any reason why IDOT cannot
11	participate in the work at the site as long as you
12	do not deviate from the remedies set forth in the
13	Removal Action Work Plan?
14	MS. O'LAUGHLIN: Objection. Calls
15	for speculation and asks about knowledge about
16	things that he does not have.
17	HEARING OFFICER HALLORAN: Would you
18	read that back, Lori, please?
19	(Whereupon, the requested
20	portion of the record was
21	read accordingly.)
22	HEARING OFFICER HALLORAN: Rephrase.
23	BY MS. BRICE:
24	Q. Is there any reason why IDOT could

Page 76 not participate in your work at the site as long 2 as you do not deviate from the remedies set forth 3 in the Removal Action Work Plan? 4 MS. O'LAUGHLIN: Same objection. 5 HEARING OFFICER HALLORAN: Yes. 6 He can answer if he is able. You may 7 proceed. 8 BY THE WITNESS: 9 If there's no restriction on the 10 involvement implementing for another party to participate in implementation. 11 12 BY MS. BRICE: 13 Have you engaged third parties to 14 assist in the work that you have done under the administrative order? 15 16 A. We have. 17 0. And who are some of them? 18 A. Utility companies, AT&T, North Shore 19 Gas Company. 20 Q. What about drilling contractors? 21 A. CS Drilling. 22 0. Did you have to get them approve by 23 US EPA?

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I did not.

A.

24

Page 77 1 0. Would you need to deviate from their approved work plan or scheduling order for IDOT to assist you with the implementation of Removal Action Work Plan? 5 No. 6 0. Has IDOT contributed in any way to the investigation to Sites 3 or 6? 8 A. No. 9 0. Has IDOT offered to assist in the 10 work that now needs to be done on Sites 3 or 6? 11 A. No. 12 Q. How much money has JM paid your employers and contractors for investigation work 14 done on Site 3 since the 2012 enforcement action 15 memorandum? 16 Since 2012, approximately \$571,000. 17 0. How do you know that? 18 From invoices related to the projects. 19 0. How about Site 6, how much -- the 20 western part of Site 6, how much money has JM 21 paid your companies and contractors to do the 22 investigative portion of the work on Site 6 since the Removal Action Work Plan in 2012? 23

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Approximately \$114,000.

24

		Page 78
1	Q.	How about since we filed this
2	complaint in	July on July 8, 2013, do you know
3	how much mone	y JM has paid you and your contractors
4	with respect	to the investigative work on Site 3?
5	Α.	Since what time period?
6	Q.	Since July 8, 2013.
7	Α.	It's approximately 80 percent of
8	the value.	
9	Q.	Would there be something that might
10	refresh your	recollection?
11	A.	Yes. Some notes.
12	Q.	Notes?
13	A.	Yes.
14	Q.	Okay. I have a note.
15	Α.	Okay.
16		MS. BRICE: Can I refresh his
17	recollect	ion?
18		MS. O'LAUGHLIN: Can we see it?
19		MR. McGINLEY: This is not
20	an exhibi	t.
21		HEARING OFFICER HALLORAN: Yes.
22		MS. BRICE: Okay. Fine. We
23	won't use	e it. I'm not trying to use it
24	as an exh	mibit.

L.A. Court Reporters, L.L.C. 312-419-9292

	Page 79
1	HEARING OFFICER HALLORAN: I know,
2	but can you
3	THE WITNESS: Yeah. It's 80 or
4	90 percent of the that effort that was
5	expended since then.
6	HEARING OFFICER HALLORAN: Thank
7	you.
8	BY MS. BRICE:
9	Q. Okay. Same question for the western
10	portions of Site 6, do you know how much has been
11	paid since July 8, 2013, on the investigative costs?
12	A. Approximately \$80,000.
13	Q. If you could, please turn to Trial
14	Exhibit 69.
15	MS. BRICE: There is not a
16	stipulation on this document or at least
17	that's my understanding. Oh, maybe
18	that's not correct. I think one is
19	stipulated to, isn't it?
20	MR. McGINLEY: We don't have
21	a problem. That's fine. That's fine.
22	MS. BRICE: Thank you.
23	BY MS. BRICE:
24	Q. Mr. Ebihara, do you recognize Exhibit

Page 80 69? 2 A. I do. 3 And what is this document? This was a communication that I sent 4 on March 12, 2015, to you, to Katherine Hannah and 6 Doug Dorgan. 7 Okay. And did you prepare this 8 document? 9 A. I did. 10 What are these -- what is this 11 document exactly? 12 This is a probable cost estimate 13 for remediation work -- removal action work on Site 3 and Site 6. 14 15 Q. And what are these cost estimates 16 based upon? 17 They are based upon the approximate 18 scope of work of the removal action work outlined in 19 the removal action work. 20 Q. And how do you know of tasks that are 21 to be completed? 22 They are described in the Removal Action Work Plan and in the enforcement action 23 24 memorandum issued by US EPA.

Page 81 1 And what does the document say Q. 2 about the overall costs for implementing the Removal Action Work Plan with respect to Site 3? 3 Site 3. 4 A. 5 0. Yes. 6 The approximate cost \$3.3 million. A. 7 0. What does it say about the cost associated with Site 6? 9 A. It is approximately \$4.07 million. Okay. I would like for you to turn 10 11 to Trial Exhibit 71, please. 12 MS. BRICE: This is stipulated to. 13 HEARING OFFICER HALLORAN: Thank 14 you. 15 BY MS. BRICE: 16 Mr. Ebihara, do you recognize this 0. 17 document? 18 Α. I do. 19 What is it? Q. 20 A. It's a document that I prepared 21 to update the cost projections for Site 3 and 22 Site 6. Okay. And what is the date on this 23 24 document?

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Page 82 1 January 25, 2016. A. 2 Q. And what are these cost estimates 3 based upon? 4 Based upon the Removal Action Work Plan, but also new information that was obtained 5 since the prior estimate. 6 7 0. How did that affect your earlier 8 numbers? A. The cost estimate projections 10 decreased. 11 And are these changes that you are 12 talking about leading to the decrease in the cost 13 estimates memorialized in the most recent Removal Action Work Plan? 14 15 A. Yes. 16 And when was that document submitted? 17 Actually, why don't you just turn to Exhibit 67, 18 which is stipulated. 19 Do you -- is this the Removal

- 21 A. That's correct.
- 22 Q. Okay. And what is the date on this

Action Work Plan you are referring to?

- 23 document?
- 24 A. February 2016.

L.A. Court Reporters, L.L.C. 312-419-9292

20

Page 83 1 0. And what does Exhibit 71 say about the costs associated with Site 3? 3 A. The estimated costs for the Site 3 remediation is \$1.9 million. 5 What does Exhibit 71 say about costs associated with Site 6? 6 7 It's approximately \$3.1 million. A. 8 MS. BRICE: All right. I'd 9 like to turn to trial Exhibit 68, which 10 there is not a stipulation on. HEARING OFFICER HALLORAN: 11 12 you. 13 BY MS. BRICE: 14 Mr. Ebihara, do you recognize this 0. 15 document? A. 16 I do. What is this? 17 0. This is a work order invoice for 18 A. work to be performed by AT&T to relocate 19 telecommunication utilities. 20 And which areas in the southwest site 21 0. 22 does this work involve? This involves Site 3 and Site 6. 23 A. 24 Did you request this document be

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Q.

		Page 84
1	sent to you?	
2	Α.	I did.
3	Q.	And was it provided to you?
4	Α.	Yes.
5	Q.	When did you receive it?
6	Α.	It's dated April 15, 2015.
7	Q.	And has it been kept in the
8	regular cours	e of business?
9	Α.	Yes.
10	Q.	Is it in your files?
11	Α.	Yes.
12	Q.	Has this work been done?
13	Α.	Most of the work has been done. The
14	last phase of	the work has not been completed.
15	Q.	But has it been paid?
16	Α.	It's been paid. It was prepaid.
17	Q.	Who paid it and how much?
18	Α.	Johns Manville paid the total amount
19	of this work	order. It's \$320,000, \$320,288.66.
20		MS. BRICE: I'd like to move
21	the docum	ent into evidence.
22		HEARING OFFICER HALLORAN: IDOT?
23		MS. O'LAUGHLIN: Would it be
24	possible	to get evidence of the payment

L.A. Court Reporters, L.L.C. 312-419-9292

	Page 85
1	that was made from Johns Manville? We're
2	curious about that.
3	THE WITNESS: There is documentation
4	for that.
5	MS. O'LAUGHLIN: If we could
6	just follow-up and see that documentation,
7	assuming that what you say is true, we
8	have no objection.
9	HEARING OFFICER HALLORAN: Okay.
10	So we'll just reserve ruling.
11	MS. O'LAUGHLIN: Yes. We just
12	to follow-up to make sure. Thank you.
13	BY MS. BRICE:
14	Q. Has there been any changes to
15	the proposed work necessary implemented in the
16	Removal Action Work Plan since February 2016,
17	which is the date of that Removal Action Work
18	Plan?
19	A. There's been one change regarding
20	the investigation effort.
21	Q. Okay. Can you please explain that
22	for us?
23	A. To better define the construction
24	requirements for replacement of the water main

- 1 within Site 6, we are planning to undergo, an
- 2 EPA is reviewing plans for additional soil
- 3 investigation to determine the scope of the
- 4 effort, the amount of soil that needs to be
- 5 removed.
- 6 Q. The water main is also on Site 3,
- 7 isn't it?
- 8 A. Site 3, yes.
- 9 Q. And what is the cost estimate to
- 10 do this work?
- 11 A. Approximately \$70,000.
- 12 Q. What is that \$70,000 based upon?
- 13 A. It's a drilling contractor,
- 14 laboratory fee and personnel to implement the
- 15 sampling.
- 16 Q. And in your mind, how could this
- 17 investigation impact the remedy cost for Sites 3
- 18 and 6?
- 19 A. It could potentially increase it
- 20 if the volume of soil removal is greater than
- 21 what's identified in the Removal Action Work Plan.
- 22 Q. What is the current schedule
- 23 implementing the removal action on Sites 3 and 6?
- A. We're currently planning for and

- 1 preparing for gas main abandonment work that's
- 2 already underway and has been underway for the
- 3 last two months. The actual removal actions could
- 4 start when that activity is completed likely the
- 5 beginning of July this year.
- 6 Q. The Removal Action Work Plan
- 7 requires clean corridors utilities on Sites 3
- 8 and 6; is that correct?
- 9 A. That's correct.
- 10 Q. How large are these clean corridors
- 11 that are being required?
- 12 A. They are 25 feet wide centered on
- 13 the utility and two feet below the elevation --
- 14 the lowest elevation of the utility.
- Q. What is US EPA's justification for
- 16 such large corridors?
- 17 A. It's to allow a utility company to
- 18 perform maintenance on their infrastructure without
- 19 encountering asbestos.
- Q. When you create a sampling plan,
- 21 how do you account for the presence of utilities?
- 22 A. We perform all of our sampling
- 23 utilities from the investigation to avoid
- 24 encountering utilities.

- 1 Q. I'm sorry. I didn't hear you.
- 2 A. We perform our sampling investigation
- 3 plan and execution to avoid encountering utilities.
- 4 Q. Why is that?
- 5 A. It's a safety reason. These are
- 6 gas mains, telecommunication lines. So we plan
- 7 to not damage them.
- Q. And what if one was encountered, what
- 9 would happen?
- 10 A. We would immediately shut down work
- 11 and notify the utility and prepare for any repairs
- 12 or assist with any repairs if we were able.
- Q. What's been your experience trying
- 14 to find the exact location of utilities on Sites 3
- 15 and 6?
- 16 A. We employ multiple methods to
- 17 locate the utilities, surveys, drawings and direct
- 18 communications with the utility company, but the
- 19 accuracy of all of that evidence is not 100 percent
- 20 accurate.
- 21 Q. Have you found utilities where they
- 22 were not supposed to be located on Sites 3 and 6?
- 23 A. Right. We have one example of
- 24 finding an AT&T telecommunication line approximately

	Page 8
1	20 feet from where it was marked on Site 3.
2	MS. BRICE: No further questions.
3	HEARING OFFICER HALLORAN: Thank
4	you, Ms. Brice.
5	Mr. McGinley and Ms. O'Laughlin?
6	MS. O'LAUGHLIN: Can we just take
7	a moment to respond?
8	HEARING OFFICER HALLORAN: We can
9	off the record for a second.
10	(Whereupon, a discussion
11	was had off the record.)
12	(Whereupon, after a short
13	break was had, the following
14	proceedings were held
15	accordingly.)
16	HEARING OFFICER HALLORAN: We're
17	back on the record.
18	CROSS-EXAMINATION
19	by Mr. McGinley
20	Q. Mr. Ebihara, it sounds like you
21	have a tremendous amount of experience with
22	Sites 3 and 6, correct, having done environmental
23	investigations at this site?
24	A. Sure. Yes, yes.

Page 90 1 You spoke -- you testified earlier Q. about the costs that have been incurred particularly with respect to Site 6, correct? 4 A .. The investigation costs? 5 Q. Yes. 6 Uh-huh. A. 7 0. Site 6, as we're describing it, is actually -- I think goes quite some distance. It's not just the area that's immediately adjacent to the northern side of Site 3, but it actually 10 11 goes quite further to the east; isn't that right? 12 That's correct. A. 13 0. Okay. And it more or less goes 14 well east on Greenwood Avenue down towards 15 almost the entrance to the Midwest Generation 16 Plant, correct? 17 A. That's correct. 18 0. Is any of the work that is being -that IDOT is being required to do in terms of 19 20 creating a clean corridor, is any of that related 21 to an eastern edge of Site 6? 22 A. Can you repeat the question again? 23 Sure. Is any of the cost that you Q. 24 just testified to about Site 6, is any of that

- 1 related to that eastern portion of Site 6 that
- 2 goes well past where the northern edge of Site 3
- 3 is?
- 4 A. No, no.
- 5 Q. It's only --
- 6 A. The limit -- the limit is really
- 7 that northeast corner of Site 3. It truncates
- 8 the eastern boundary of what we talked about.
- 9 So just the -- yes, just that western end.
- 10 Q. I'd like to turn your attention,
- 11 please, to Exhibit 66. This is actually two
- 12 separate binders. It looks like we are talking
- 13 about Binder 8 and Binder 9.
- 14 Sir, can I call your attention
- 15 to that first page of Exhibit 66, 66-1. Do you
- 16 have that in front of you yet? Just let me know
- 17 when you do.
- 18 A. Yes, I have it.
- 19 Q. Okay. In the lower left-hand corner,
- 20 this is a letter dated March 31, 2014, Removal
- 21 Action Work Plan, Revision 2. Is that your
- 22 signature down in the lower left-hand corner, Tat
- 23 Ebihara?
- 24 A. Yes.

- Q. Could you I then turn your attention,
- 2 please, to one of the appendices within this
- 3 document, that being Appendix H, and here we would
- 4 be looking at -- I have a cross-reference here --
- 5 5420. If you bear with me a second, I could give
- 6 you the exact exhibit page number. This would
- 7 be Exhibit 66, Page 766 in that second binder,
- 8 sir.
- 9 A. 766, Page 766?
- 10 Q. Yes. Page 766 of Exhibit 66.
- 11 A. Okay. Go ahead.
- 12 Q. You have it in front of you?
- 13 A. Yes.
- 14 Q. Okay. And this is the executive
- 15 summary, sir, to Appendix H, the Site 3 soil
- 16 investigation results and this -- I assume in
- 17 actually having signed off on the Removal Action
- 18 Work Plan that you reviewed all of the data that
- 19 went into the creation of this work plan; is
- 20 that correct?
- 21 A. That's correct. I'm a cosigner.
- 22 There's two signatures on it. There's myself and
- 23 Mr. William Bow.
- Q. You're a project manager. You

- 1 testified that you've overseen the design and the
- 2 implementation of the work that's been done at the
- 3 site; is that correct?
- 4 A. That's correct.
- Q. Okay. Calling your attention, please,
- 6 to the second full paragraph of the executive
- 7 summary, again this is on Page 766, there is
- 8 a sentence that begins in the middle of that
- 9 paragraph. It says, "According to Nicor, the
- 10 20-inch natural gas line that was installed
- 11 in 1948, which predates the construction of
- 12 the site free former parking lot, mid 1950s.
- 13 Consequently, ACM will not be present below the
- 14 gas, but potentially adjacent to and/or above the
- 15 line."
- 16 If you could go down to the
- 17 next paragraph, "To date, a total of 66 soil
- 18 borings, 32 test pits and nine hydraulic excavation
- 19 locations have been installed at the site by ELM,
- 20 LFR and AECOM."
- Do you see that sentence, sir?
- 22 A. I do.
- Q. Okay. And that total number of
- 24 soil borings, test pits and hydraulic excavations,

- 1 is that the total number of soil sample
- 2 investigations -- does that represent the entire
- 3 amount of investigation that's been done at the
- 4 site to date in terms of soil sampling?
- 5 A. Yes.
- 6 Q. Okay. There is nothing -- and
- 7 nothing further has been done since this was
- 8 done, correct?
- 9 A. That's correct.
- 10 Q. The next sentence says, "The
- 11 results from the multiple investigations reveal
- 12 that ACM occurrences are sporadic across the
- 13 site and typically coincide with the location
- 14 of utilities or other structures installed after
- 15 the mid-1950s."
- Do you still accept -- is that
- 17 sill an accurate statement today?
- 18 A. It's an accurate statement with
- 19 regard to disturbance activities at the site.
- 20 Q. Okay.
- 21 A. Not to reflect any known activities
- 22 that could have disturbed soils -- turned over
- 23 soils at the site.
- Q. Let me ask you this; you're saying

- 1 that sporadic -- that the occurrences of ACM are
- 2 sporadic across the site. What, to your mind, is
- 3 the meaning of the word "sporadic"? How would
- 4 you define sporadic?
- 5 A. They're discreet pieces of asbestos
- 6 material encountered.
- 7 Q. When you say "discreet," if you had
- 8 to -- would it be fair to say from saying sporadic
- 9 it isn't across -- basically, ACM is not found
- 10 throughout the side, would you agree with that?
- 11 MS. BRICE: Objection, vague.
- 12 HEARING OFFICER HALLORAN: Could
- 13 you rephrase that?
- 14 BY MR. McGINLEY:
- 15 Q. When you're saying sporadic, in your
- 16 mind, it means isolated or discreet, correct?
- 17 A. Discreet means it could be separated
- 18 by two feet, it could be separated by -- that there
- 19 are discreet pieces of Transite that occur around
- 20 the site. It's not a continuous layer.
- 21 Q. Continuous layer.
- 22 Okay. So in essence, would you
- 23 agree that sporadic means isolated? Would that be
- 24 a fair way of characterizing sporadic, to say

Page 96 isolated? 2 MS. BRICE: Objection, asked 3 and answered. 4 HEARING OFFICER HALLORAN: Overruled. 5 You may answer. BY THE WITNESS: 7 A. Discreet pieces of Transite are encountered on the site. BY MR. McGINLEY: 10 Q. I'd like to turn your attention to the last sentence of the -- this would be the 11 fourth paragraph down. It says, "The origin of 12 13 the ACM in Site 6 is not known or presumed to be debris that fell from trucks while driving 14 15 on Greenwood Avenue." 16 Is there anything today as 17 you sit here that causes you to reevaluate this statement? 18 19 A. No. The origin is really unknown. 20 There is no knowledge of what the origin of the 21 material is. 22 Q. But that's not what this says, 23 sir. 24 A. It's a conjecture regarding the

- 1 origin. I think my recollection is we were
- 2 asked by the EPA to provide some understanding
- 3 of the origin of the materials.
- Q. Okay.
- 5 A. We don't have any documents or
- 6 records that indicate what the actual process
- 7 of origin was.
- 8 Q. Okay.
- 9 MR. McGINLEY: No further
- 10 questions.
- 11 HEARING OFFICER HALLORAN: Thank
- 12 you.
- 13 Ms. Brice?
- MS. BRICE: Yes.
- 15 REDIRECT EXAMINATION
- 16 by Ms. Brice
- 17 Q. Mr. Ebihara, have you reviewed
- 18 Mr. Dorgan's reports in this case?
- 19 A. I have.
- 20 Q. And when you wrote this document
- 21 or were participating in this document,
- 22 Deposition Exhibit 66, had you reviewed those
- 23 reports?
- 24 A. I did not.

Page 98 1 And had you studied in any way 0. the exact location of the ACM and its distribution? 2 3 A. With regards to? With regard to Sites 3 and 6, had 4 you actually studied the distribution of the ACM with respect to the work that IDOT had done in 6 the 1970s? I had not. A. 9 And going back to 66-766, the 10 statement about the results from the multiple 11 investigations revealed that the ACM occurrences 12 are sporadic across the site and typically 13 coincide with the location of the utilities. 14 I believe you said you were talking about 15 disturbance activities, right? 16 That's correct. A. 17 Okay. And so can you explain --18 because after reading Mr. Dorgan's report, is 19 that your view that the ACM is located near 20 the utility lines in all instances? 21 A. No. 22 Q. What is your view of it at this 23 point? 24 That there appears to be another A.

- 1 disturbance activity for the path of the access
- 2 road and construction for the IDOT activities.
- 3 So the description provided here was the sole --
- 4 the purpose of this whole study was -- the
- 5 supplemental study was for the Nicor gas line
- 6 in particular.
- 7 Q. Right. Explain that to me. So
- 8 what was going on that required this study?
- 9 A. The EPA action memorandum required
- 10 the creation of a utility -- clean utility
- 11 corridor and the purpose of this investigation
- 12 was that this 20-inch high pressure gas main
- 13 goes across Site 3 and there was enormous
- 14 expense with potentially having to remove soils
- on the sides or underneath this high pressure gas
- 16 main.
- 17 So the activity that we
- 18 undertook for this detailed investigation was,
- 19 one, to establish that the path of the gas main
- 20 in particular wouldn't have been disturbed, the
- 21 level of the pipe, and below would not have
- 22 been disturbed because it predated the work
- 23 of the parking lot activity.
- 24 Q. Okay.

- A. With regard to above the pipe,
- 2 I did work to characterize what that activity
- 3 may have been.
- 4 Q. Okay. I'd like to go back to the
- 5 sentence we were looking at a moment ago in the
- 6 middle of 66-766 and it says the occurrences
- 7 are sporadic and typically coincide with the
- 8 location of utilities or other structures
- 9 installed after the mid-1950s." What other
- 10 structures were you referring to?
- 11 A. There was a Commonwealth Edison
- 12 lattice tower on the east side of this gas main.
- Q. Okay. And did you know anything
- 14 about the IDOT construction project at this
- 15 point in time?
- A. Not at the time of writing this.
- 17 Q. You didn't know anything about
- 18 the IDOT construction project when you wrote
- 19 this document?
- 20 A. No, or its exact location and
- 21 nature.
- 22 Q. Okay. So you -- but you know now
- 23 after reading Mr. Dorgan's reports, is that your
- 24 testimony?

Page 101 1 A. That's correct. 2 0. And you mentioned a few minutes ago about Transite pipe being isolated. There's instances where there's Transite pipe grouped together, correct, several pieces together in 6 one --7 A. That's correct. -- location? 8 0. 9 That's correct. A. 10 MS. BRICE: Okay. No further 11 questions. 12 HEARING OFFICER HALLORAN: Thank 13 you. 14 Mr. McGinley? 15 MR. McGINLEY: Yes, just briefly. 16 Thank you. 17 RECROSS-EXAMINATION 18 by Mr. McGinley 19 0. Mr. Ebihara, or I should say 20 Dr. Ebihara, you testified earlier that you weren't aware of IDOT's construction activities 21 22 related to this site and how that might have 23 impacted the site until, I guess, just recently 24 or certainly not at the time that you prepared

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- 1 Exhibit 66, is that your testimony?
- 2 A. That's correct.
- 3 Q. Now, you've been involved with
- 4 the site since -- what was the date that you
- 5 gave, 2004?
- A. 2007 for the southwest site.
- 7 Q. For the southwest sites.
- 8 Have you ever seen the
- 9 administrative order on consent, which was
- 10 entered into between Johns Manville and the
- 11 US EPA?
- 12 A. Yes.
- 13 Q. And that document happened to
- 14 mention the fact that IDOT actually constructed
- 15 detour roads through the parking lot?
- MS. BRICE: Objection, best
- 17 evidence rule. I don't know that he's --
- 18 if you recall.
- 19 HEARING OFFICER HALLORAN: Can
- 20 you --
- 21 BY MR. McGINLEY:
- 22 Q. Have you read through -- have you
- 23 read through the administrative role on consent
- 24 is my question to you, sir?

- A. I have read it.
- Q. Okay. And yet you're not aware
- 3 of the fact -- you are not of aware of the fact
- 4 that IDOT is specifically named within the
- 5 administrative program, is that your testimony
- 6 here today?
- 7 A. I recall that there was detour
- 8 roads, but I didn't know the location of them
- 9 because that that refers -- I thought referred
- 10 to broadly southwest sites and so there was --
- 11 that order at site 4/5. So my understanding
- 12 is that IDOT was responsible for construction
- 13 of the earth and ramp that I see, the elevated
- 14 ramp of Greenwood and Pershing. That was my
- 15 focus as I read the document.
- 16 Q. So when you're in the process of
- 17 writing something like this, the Removal Action
- 18 Work Plan, that you have to submit to the US EPA,
- 19 I would assume that you need to be as accurate
- 20 as possible in the presentation in the information
- 21 that you are submitting to the agency; is that
- 22 correct?
- 23 A. That's correct.
- Q. Okay. And yet it's still your

- 1 testimony that you were unaware that IDOT had
- 2 any activity involved with this site when you
- 3 wrote what you did in the appendix page on
- 4 Page 766?
- 5 MS. BRICE: Objection. That
- 6 mischaracterizes his testimony.
- 7 HEARING OFFICER HALLORAN: You
- 8 will have your chance. Overruled. You
- 9 may proceed.
- 10 BY THE WITNESS:
- 11 A. My understanding was Commonwealth
- 12 Edison was responsible for -- at the time was
- 13 that Commonwealth Edison was responsible, was
- 14 the land owner and responsible for that parcel,
- 15 that Greenwood Avenue was a city right-of-way
- 16 for Site 6, and the focus of my work is to
- 17 investigate what's present and rely upon that
- 18 data to determine what the remediation plan
- 19 ought to be.
- 20 So I don't delve into origins
- 21 and sources if I don't have detailed evidence
- 22 or documents.
- 23 BY MR. McGINLEY:
- Q. You just said that it was your

Page 105 understanding that Site 6 constituted the city of Waukegan right-of-way, did I understand your testimony correctly? 3 4 A. That's correct. 5 0. Okay. How did you come by that understanding about Site 6 being within the city 6 of Waukegan's right-of-way? 8 A. We have taken two access agreements 9 for this work. One was from Commonwealth Edison 10 to access and do sampling work within Site 3 and 11 we also obtained an access agreement from city of 12 Waukegan to do the work on Site 6. 13 So that was my operative 14 understanding of who the land owners were for 15 which we needed to get permission to perform 16 work. 17 Were you involved in the negotiation 18 of the site access agreement? 19 A. No. 20 MR. McGINLEY: No further 21 questions. Thank you. 22 HEARING OFFICER HALLORAN: Thank 23 you.

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Ms. Brice?

24

	Page 106
1	RE-REDIRECT-EXAMINATION
2	by Ms. Brice
3	Q. Mr. Ebihara, with respect the access
4	agreements and with respect to do you know what
5	I mean when I say Parcel 0393 or when I say the
6	IDOT right-of-way, do you know what I'm talking
7	about, the beginning?
8	A. Yes.
9	Q. Yes. Okay. And is Parcel 0393 part
10	of Greenwood Avenue? Is it part of the street or
11	is it on the Commonwealth Edison property?
12	A. On the Commonwealth Edison property.
13	Q. And what is your understanding of
14	whether or not the city of Waukegan currently has
15	an interest in that right-of-way?
16	A. My current understanding?
17	Q. Your current understanding.
18	A. My understanding is a portion of
19	the portion of the eastern part of Site 6 is
20	also part of this IDOT parcel.
21	Q. When you say "IDOT parcel," do you
22	mean Parcel 0393?
23	A. Yes.
24	Q. And when did you come to learn that?

Page 107 1 A. Just recently, within the last few 2 weeks. 3 So is it your testimony that when Q. you were -- obtained the access of agreements, 5 that you had a misunderstanding as to who had that 6 right-of-way? 7 When I was utilizing the access 8 agreements, I did not have an understanding of IDOT's ownership of the land. 9 10 Q. All right. And so, I think, just 11 as a clarification, we're talking about the right-of-way on the western side of Greenwood 12 13 Avenue, correct? 14 That's correct. A. 15 0. Okay. It's the intersection that's the southeast intersection of Greenwood and Sand? 16 17 A. That's right. 18 MS. BRICE: Thank you. No 19 further questions. 20 HEARING OFFICER HALLORAN: Thank 21 you, Ms. Brice. 22 Mr. McGinley? 23 MR. McGINLEY: No. We're fine. 24 Thank you.

	Page 108
1	HEARING OFFICER HALLORAN: Thank
2	you. You may step down, sir.
3	(Witness excused.)
4	HEARING OFFICER HALLORAN: Do you
5	want to take a 15-minute break? I'll see
6	you at 11:15. Thank you.
7	(Whereupon, after a short
8	break was had, the following
9	proceedings were held
10	accordingly.)
11	HEARING OFFICER HALLORAN: All
12	right. We are going to go back on the
13	record. Thanks for being prompt. It is
14	approximately 11:15 a.m. on May 23rd.
15	Ms. Brice is going to call
16	JM's next witness.
17	MS. BRICE: Yes. I would like
18	to call Mr. Dorgan, please.
19	HEARING OFFICER HALLORAN: Raise
20	your right hand and the court reporter will
21	swear you in, please.
22	THE COURT REPORTER: Do you swear
23	the testimony are about to give is the
24	truth, the whole truth and nothing but

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Page 109 1 the truth, so help you God? 2 MR. DORGAN: I do. 3 (Witness sworn.) HEARING OFFICER HALLORAN: You may 5 proceed. 6 MS. BRICE: Thank you. 7 WHEREUPON: DOUGLAS DORGAN 8 9 called as a witness herein, having been first duly 10 sworn, deposeth and saith as follows: 11 DIRECT EXAMINATION 12 by Ms. Brice 13 Could you please state your name Q. for the record? 14 15 A. Douglas G. Dorgan, Jr. 16 And you are being offered as an expert in this case; is that correct? 17 18 That's correct. A. 19 0. Are you prepared to offer expert 20 opinions? 21 I am. A. 22 Let's take a look at Exhibit 6, if you will, which is a copy of a March 16, 2015, 23 24 expert report of Douglas G. Dorgan, Jr.

		Page 110
1		HEARING OFFICER HALLORAN: I'm
2	sorry. W	hat exhibit is that?
3		MS. BRICE: Six, and it's
4	stipulate	d to.
5		HEARING OFFICER HALLORAN: Thank
6	you.	
7	BY MS. BRICE:	
8	Q.	Okay. Mr. Dorgan, what is this
9	document?	
10	Α.	This is the expert report that I
11	prepared in M	arch of 2015.
12	Q.	Does this expert report contain in
13	part a descri	ption your expertise?
14	Α.	It does.
15	Q.	Can you please point us to that
16	section?	
17	Α.	Section 1.2 appearing on Page 1.
18	Q.	And can you please summarize for
19	me your expertise in this matter as it's reflected	
20	here in the qualifications and as reflected in	
21	the subsequent affidavit that you provided?	
22	А.	Yes. I received my Bachelor's of
23	Science in ea	rth science with a minor in geology
24	in 1986 in Ea	stern Illinois University. I took

- 1 graduate coursework for a period of time at
- 2 Sangamon State University in an environmental
- 3 studies program that later became the University
- 4 of Illinois-Springfield. I attended Northern
- 5 Illinois University where I obtained my master's
- 6 of science in geography with a concentration in
- 7 environmental science in 1994.
- 8 In 1986, I began working
- 9 for Eldridge Engineering Associates. At the
- 10 time I was doing quite a bit of fieldwork and
- 11 doing a lot of engineering support, drafting,
- 12 groundwater monitoring and surveying. That
- 13 work progressed over time.
- 14 I began doing more focusing
- 15 on environmental projects, site investigations,
- 16 due diligence as part of property transactions,
- 17 permitting and compliance work, development
- 18 of compliance plans, and I was with -- Eldridge
- 19 Engineering was acquired a couple of separate
- 20 times, once by Warren Engineering and then
- 21 subsequently by MCON.
- 22 I left there in 1995 and joined
- 23 at the time what was Weaver Boos Consultants and
- 24 Weaver Boos Consultants has subsequently gone

- 1 through a name change and is now known as Weaver
- 2 Consultants Group. I have been with Weaver
- 3 Consultants Group since 1995. Again, at Weaver
- 4 Consultants Group, my early engagements tended
- 5 to be more project management focused. I was
- 6 implementing projects, managing teams of other
- 7 technical professionals doing project assignments
- 8 for clients.
- 9 Over time, I began assuming
- 10 more managerial responsibilities to the point
- 11 where I became responsible for managing our
- 12 environmental practice group and then a few
- 13 years later, I assumed responsibility for our
- 14 site, building and infrastructure consulting
- 15 group, which concentrates on civil engineering
- 16 projects.
- 17 Q. Okay. Are you a licensed geologist?
- 18 A. I am, in both Illinois and Indiana.
- 19 Q. Okay. And how is that relevant to
- 20 your expertise in this case?
- 21 A. I'm certainly used to looking at
- 22 and considering information regarding subsurface
- 23 conditions, looking at geologic profiles, boring
- 24 logs, cross-sections, plans and profiles, many

- 1 of which were key elements of some of the
- 2 documentation that was reviewed as part of my
- 3 engagement.
- 4 Q. And when you worked at Warren
- 5 Engineering, did you do any engineering design
- 6 work yourself?
- 7 A. Yes, I did.
- 8 Q. And what was that?
- 9 A. In fact, my first desk at Eldridge
- 10 Engineering was a drafting table and it was
- 11 provided with what back then was known as a
- 12 drafting machine. This was before CAD became
- 13 something that greatly improved the way that
- 14 work got done.
- 15 Early in my time there, I
- 16 was doing engineering work in support of the
- 17 company's projects. I was doing grading plans,
- 18 designing storm water structures, doing plans
- 19 and profiles for storm water structures. I was
- 20 developing final -- final cover systems and,
- 21 of course, then I was doing surveying for some
- 22 of these projects.
- 23 I was also actively involved
- 24 in doing construction quality assurance, which

- 1 would be the field testing on some of the
- 2 construction projects that our firm was designing
- 3 and permitting.
- Q. What is your experience with looking
- 5 at construction drawings?
- 6 A. I have extensive experience
- 7 reviewing construction drawings certainly both
- 8 design as-built sets of plans. My experience
- 9 really comes at it from two angles; one, where
- 10 we're being given a set of plans and having to
- 11 impose on implementing them. So that helps you
- 12 understand your scope of work, the technical
- 13 specifications of what has to be build and then
- 14 you end up putting estimates together in a plan
- 15 for how to implement that work and when you're
- 16 submitting your bids.
- 17 I've also been involved
- 18 in developing bid specifications, technical
- 19 specifications, detailed drawings where we
- 20 were acting as designer or engineer or the
- 21 owners representative preparing the documents
- 22 and then having those reviewed by other third
- 23 parties for purposes of them bidding on the
- 24 construction work and submitting their own

- 1 bids and cost estimates and proposals.
- 2 Q. And do you have any specific
- 3 experience with respect to roadway -- construction
- 4 of roadways?
- 5 A. Yes. We -- I've been involved in
- 6 roadway design. I've been involved with roadway
- 7 construction and, of course, our firm is actively
- 8 engaged in doing roadway design, construction
- 9 quality assurance on many different projects at
- 10 many different times.
- 11 Q. What experience do you have with
- 12 sites contaminated with asbestos-containing
- 13 material?
- 14 A. I've worked on many sites that in
- 15 some way involved asbestos-containing materials,
- 16 not always just asbestos-containing materials.
- 17 Oftentimes there are other constituents as well,
- 18 but certainly asbestos-containing materials is
- 19 something you encounter quite frequently on many
- 20 industrial sites that I've been involved with.
- 21 Q. What experience do you have with
- 22 investigating the source of contamination?
- 23 A. Certainly there are times when we
- 24 attempt to look at the source and the sources are

- 1 relatively identifiable. There are other instances
- 2 where we're not able to identify the source. So we
- 3 oftentimes will look in an effort
- 4 to try to identify what the source was and we
- 5 do have some success at that at times, but there
- 6 are other times when past history of the site
- 7 or the conditions don't allow you to identify
- 8 the source of the material.
- 9 Q. And what are assumes of the types
- 10 of documents you look in terms of trying to
- 11 determine the source?
- 12 A. You would certainly look at, you
- 13 know, previous uses and history of the property.
- 14 You would like at aerial photos if there's any
- 15 historic site plans or site documentation that
- 16 might tell you what took place at the property.
- 17 You may look at construction
- 18 records in terms of -- I've have been involved
- 19 in clean-ups where Transite was one of the
- 20 materials that we were cleaning up and it
- 21 happened to be that the building had been
- 22 skinned with Transite and the demo had been
- 23 done the years previous and so the Transite
- 24 that we were cleaning up could fairly readily

- 1 be tied back to the demolition of the structure
- 2 that had been on the site at the time.
- 3 Q. What experience do you have with
- 4 working with IEPA?
- 5 A. You know, we' e worked with IEPA
- 6 really since the beginning of my career. I've
- 7 certainly been heavily involved in going through
- 8 their various permitting and regulatory programs.
- 9 There's also been instances where we represented
- 10 clients that found themselves in situations where
- 11 IEPA would come in and issue violations for certain
- 12 conditions that were present on their properties
- 13 and we would help them identify what subsequent
- 14 steps might be needed in order to take care of NOB
- 15 and close that out.
- 16 Q. How CERCLA? About what experience do
- 17 you have with CERCLA?
- 18 A. I've been involved in any CERCLA
- 19 projects as well pretty much across the board
- 20 usually involving clean-up and clean-up design.
- 21 I've been involved in projects where we're looking
- 22 at issues of allocation, looking at issues of NCP
- 23 compliance, going through anywhere from remedial
- 24 investigation through the feasibility studies

- 1 designing and implementing the record and decision
- 2 in many instances.
- 3 Q. I'd like you to turn to Exhibit No. 7,
- 4 please.
- 5 MS. BRICE: This is stipulated to.
- 6 HEARING OFFICER HALLORAN: Thank
- 7 you.
- 8 BY MS. BRICE:
- 9 Q. Exhibit No. 7 is an affidavit of
- 10 Douglas G. Dorgan that you prepared. Can you
- 11 please explain what this exhibit is?
- 12 A. This was generated in order to
- 13 emphasize my background and my experience
- 14 particularly with respect to some of the more
- 15 engineering-oriented aspects of this case in
- 16 particular that had not been something that was
- 17 emphasized in the short qualification section
- 18 in my original report. I believe this was
- 19 generated to supplement that.
- Q. Okay. And is this your signature
- 21 on Exhibit 7-68?
- 22 A. Yes, it is.
- Q. And to your knowledge, is everything
- 24 in this affidavit accurate?

Page 119 1 A. Yes. 2 You also provided a rebuttal report 3 in this matter, correct? 4 A. Yes, I did. 5 0. Okay. Could you please turn to Exhibit 17, which I believe helpfully should be 6 your rebuttal report. 8 MS. BRICE: And this exhibit 9 is admitted. 10 HEARING OFFICER HALLORAN: Thank 11 you. 12 BY MS. BRICE: 13 Mr. Dorgan, can you please identify this document for us? 14 15 A. They this is my expert rebuttal 16 report, which was prepared in July of 2015. Does Exhibit 6, which is the expert 17 report dated March 16, 2015, and Exhibit 16, dated 18 19 July 27, 2015, contain opinions that you have 20 reached in this case? 21 Yes, it does. A. 22 Have you reached all of these 23 opinions to a reasonable degree of scientific

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24

certainty?

- 1 A. I believe so. 2 0. In general, can you give us sort 3 of a preview of the thrust of your opinions? 4 I would say that the thrust of my 5 opinions started with basic understanding of the site background, based upon my understanding 6 7 of the information I've reviewed, the first 8 developed use occurred in the mid-'50s when 9 Johns Manville began using property -- part 10 of Site 3 as a parking lot. 11 I believe that the act of 12 IDOT's actions during the Amstutz construction 13 project where what is known to have been concrete 14 Transite pipe that had been present on the parking 15 lot, I believe that had been crushed and buried and disbursed around the property as part of that 16 17 construction effort and in large measures, it 18 remains there today. 19 I believe that because of that 20 occurrence that the remedial effort being required 21 by EPA is more expansive than it might have been 22 otherwise and as a result, increased costs are 23 being incurred to deal with that more expansive 24 scope.
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- I think that finally, the
- 2 conditions that exist at the site today in terms
- 3 of the Transite pipe having been buried at the
- 4 site and allowed to remain in place would be
- 5 considered a violation of the Illinois Environmental
- 6 Protection Act.
- 7 Q. And what about the rebuttal report,
- 8 what was the point of the rebuttal report?
- 9 A. The rebuttal report was really
- 10 looking at specific arguments or opinions that
- 11 had been expressed by Mr. Gobelman and his
- 12 rebuttal report to my original expert report
- 13 and I was attempting to evaluate those opinions
- 14 that he had expressed and analyze them further.
- Q. And what opinions did you make?
- 16 A. That there are many instances where
- 17 I felt the opinions that Mr. Gobelman had expressed
- 18 were not accurate or were relying upon information
- 19 that was misinterpreted.
- 20 Q. What did you do to reach your opinions
- 21 in this case?
- 22 A. I started with the review of the
- 23 record that had been disclosed at the outset of
- 24 the effort. It was fairly voluminous. I had

- gone through the documents that had been produced
- 2 up until that point in time. I certainly reviewed
- 3 a number of the aerial photographs and site plans
- 4 that were available for the property, some of which
- 5 had been in the record and some of which we had
- 6 obtained independently.
- 7 I did perform a site visit, I
- 8 believe, in February of '15 in order to just
- 9 acclimate myself to the conditions that existed
- 10 at the site at the time that the site was
- 11 performed.
- 12 Then I had at least once
- 13 instance where a conversation took place between
- 14 me and representatives of Johns Manville concerning
- 15 a couple of the technical issues that were being
- 16 raised in the engagement.
- 17 Q. And did you ever have a chance to
- 18 speak with Mr. Clinton?
- 19 A. I did.
- 20 Q. And what was the subject matter of
- 21 that discussion?
- 22 A. It was focusing on his understanding
- 23 of the nature of the use of Transite pipe on the
- 24 Johns Manville parking lot on Site 3 and any

- 1 information he may have had concerning the overall
- 2 construction and the construction conditions of
- 3 the parking lot.
- 4 Q. And is the -- did you describe that
- 5 conversation in your -- one of your expert reports?
- 6 A. I did.
- 7 Q. And what was it that was stated to
- 8 you?
- 9 A. That Mr. Clinton was aware that
- 10 Transite pipe had been used as parking stops and
- 11 to delineate the boundary of the parking lot and
- 12 that to the best of his knowledge and understanding,
- 13 there had been no other asbestos materials that
- 14 were used in the construction of the parking lot.
- 15 Q. Are the documents you reviewed in
- 16 this case the type of documents experts in your
- 17 field reasonably rely upon in reaching their
- 18 opinions?
- 19 A. I believe so.
- Q. Okay. I'd like to focus on the
- 21 March 16th report first. I think you talked
- 22 about four different categories of opinions, one
- 23 being site history, right?
- 24 A. Correct.

	Page 124			
1	Q. Another one being distribution and			
2	source of asbestos-containing material.			
3	The third being opinions regarding			
4	how the burial of ACM by IDOT has increased the			
5	scope and cost of the remedy.			
6	Fourth is how the burial of			
7	the ACM would be considered a violation?			
8	Is that a somewhat accurate			
9	assessment?			
10	A. Yes. That generally describes it.			
11	Q. I'd like to go through each of those.			
12	Before we do that, I want to get our bearings a			
13	little bit as far as geography and things along			
14	these lines.			
15	If you could turn to Figure 1			
16	in this March reports, which is Exhibit 6. I			
17	believe Figure 1 is 06-24. Do you have it?			
18	A. Yes.			
19	Q. And just briefly, and I think we			
20	did end up talking about this earlier in the			
21	opening statements, but for purposes of the			
22	record, if you could just for us describe the			
23	location of Site 3 and Site 6 as depicted on			
24	this document.			

- 1 A. Yes. So Sites 3 and 6 abut the
- 2 southern boundary of the former Johns Manville
- 3 plant. Site 3 is generally a rectangular parcel
- 4 located at the southwest -- excuse me -- southeast
- 5 intersection of Greenwood and Sand.
- 6 Site 6 is more linear feature
- 7 that runs the length of Greenwood Avenue from
- 8 approximately the midpoint of the northern limit
- 9 of Site 3 to the east. I'm not as sure of the
- 10 exact distance, but towards the end of Lake
- 11 Michigan and Greenwood Avenue.
- 12 Q. Okay. And for purposes of this
- 13 case, we're talking about the western side of
- 14 Site 6. You understand that, correct?
- 15 A. Yes.
- 16 Q. And that part that is north of
- 17 Site 3; is that correct?
- 18 A. That's correct.
- 19 Q. Can we turn to Figure 1 of your
- 20 rebuttal report, please? I believe this is the
- 21 document that I used in the opening statement.
- MS. BRICE: This is stipulated
- 23 to, as is the rebuttal report, if I did
- 24 not say so earlier.

- 1 HEARING OFFICER HALLORAN: Okay.
- 2 BY MS. BRICE:
- 3 Q. Can you -- what does this document
- 4 depict? Oh, sorry. It's Exhibit 16-17.
- 5 A. This exhibit depicts the general
- 6 configuration of Site 3 and the western limit
- 7 of Site 6 that's adjacent to Site 3. It attempts
- 8 to superimpose the geography of those two sites
- 9 with some of the -- with the location of the
- 10 parking lot and where at that parking lot had
- 11 been located as well as the IDOT easement limits,
- 12 right-of-way limits and construction limits for
- 13 the Amstutz project.
- 14 Q. Okay. And how do you know the
- 15 locations of the construction limits, let cetera,
- 16 and all of those various items with respect to
- 17 the Amstutz project?
- 18 A. These were features that had been
- 19 pulled off the design drawings for the Amstutz
- 20 project.
- Q. And what were those design drawings
- 22 dated?
- 23 A. 1970, I believe.
- Q. And do you believe this figure

- 1 accurately represents the different features that
- 2 you had drawn in on this figure?
- 3 A. I believe so.
- 4 Q. I see some red lines in there, red
- 5 sort of arrow lines. What are those?
- 6 A. Those would have been ditches.
- 7 Q. And how did those ditches come to
- 8 be there to the extent that you know?
- 9 A. I understand they would have been
- 10 installed during the construction in order to
- 11 manage storm water flow at the site.
- 12 Q. Are those ditches depicted in the
- 13 record?
- 14 A. Yes.
- 15 Q. How do you know the location of this
- 16 right-of-way? So you've got up here this black
- 17 line, this dash black line, and it is up on the
- 18 north part of Site 3. How do you know the location
- 19 of that?
- 20 A. That was pulled from those same design
- 21 drawings.
- 22 O. What is the difference between an
- 23 easement area and a limit of construction?
- 24 MR. McGINLEY: Objection, calls

	Page 128			
1	for speculation on the part of the witness.			
2	He has offered no opinions about that.			
3	HEARING OFFICER HALLORAN: Ms. Brice?			
4	MS. BRICE: He's testified that he			
5	has all sorts of expertise in construction			
6	drawings.			
7	HEARING OFFICER HALLORAN: Yes.			
8	I agree. Overruled. You can answer if			
9	you're able.			
10	BY THE WITNESS:			
11	A. My understanding is the easement			
12	establishes certain access rights that IDOT to			
13	have to that report in order to maintain structures			
14	that might be built within the easement whereas			
15	the construction limits would be specific to a			
16	particular project that would define the area			
17	in which the construction activities would be			
18	expected to take place.			
19	BY MS. BRICE:			
20	Q. In your experience, do contractors			
21	on construction projects often work outside the			
22	limits of construction?			
23	A. Yes, they can.			
24	Q. And how do you know that?			

- 1 A. Both from specifications that give
- 2 them that ability and leeway plus my own personal
- 3 experience on certain construction projects.
- 4 Q. Okay. I would like to direct your
- 5 attention to Trial Exhibit 19.
- 6 MS. BRICE: Exhibit 19 has
- 7 been stipulated to.
- 8 HEARING OFFICER HALLORAN: Thank
- 9 you.
- 10 BY MS. BRICE:
- 11 Q. Mr. Dorgan, could you please identify
- 12 for us what Trial Exhibit 19 is?
- A. This appears to be pages from IDOT
- 14 standard specifications.
- 15 Q. And how do you know that?
- 16 A. I have reviewed and looked at the
- 17 entire document and then, of course, reviewed
- 18 certain elements of it.
- 19 O. Were there documents in the initial
- 20 Amstutz project file that called for these
- 21 specifications to be used?
- 22 A. Yes.
- Q. Is there any dispute as far as you
- 24 know that these are the applicable standard

- specifications that apply to the Amstutz project?
- 2 A. Not that I'm aware of.
- Q. Under these standard specifications,
- are IDOT's contractors allowed to bury material
- 5 outside of the right-of-way?
- 6 A. Yes.
- 7 Q. Let's take a look at Section 202.03
- 8 for a moment, which is on 19-5. Do you see that?
- 9 A. Yes, I do.
- 10 Q. Can you please direct your attention
- 11 to the second full paragraph on the right-hand side.
- 12 Do you see that?
- 13 A. Yes.
- 14 Q. It starts with "wherever possible."
- 15 Can you read that paragraph into the record please?
- 16 A. Yes. "Wherever possible, stones
- 17 and boulders occurring within the right-of-way
- 18 shall be placed in embankments in layers and
- 19 compacted, in accordance with Section 207. All
- 20 stones, stumps, boulders, broken rock, broken
- 21 concrete and related materials that cannot be
- 22 placed in the embankment shall be disposed of
- 23 at locations designated by the engineer within
- 24 the right-of-way in borrow sites on or adjacent

- 1 to the right-of-way or at other locations outside
- 2 of the right-of-way. These materials shall be
- 3 buried under a minimum of two feet of earth cover.
- 4 These materials shall be disposed of in a neat,
- 5 orderly manner and shall not create an unsightly
- 6 condition. Disposal methods shall not change
- 7 or alter the natural topographic features of
- 8 an area without written permission from the
- 9 engineer.
- 10 Q. Thank you. I want to go back to
- 11 this figure here. It's -- is it your -- well,
- 12 actually let me -- I'm going to come back to
- 13 that.
- 14 You state here on Page 6 --
- 15 Page 11 of your expert report -- sorry -- that
- 16 the first developed use of site occurred in the
- 17 late 1950s. Do you see that?
- 18 A. I do.
- 19 Q. How do you know that?
- 20 A. At the time the document was
- 21 generated, I was relying primarily on information
- 22 presented in the record and a review of the aerial
- 23 photographs.
- Q. What can you tell me about its first

- 1 use?
- A. It appears from the aerial
- 3 photographs that prior this Johns Manville having
- 4 constructed the parking lot on Site 3 that there
- 5 had been no previous uses on the property.
- 6 Q. I'd like to mark deposition -- not
- 7 deposition -- sorry -- Trial Exhibit 52, please.
- 8 I believe this is stipulated too. Doug, right
- 9 behind you, there is an aerial photograph, a larger
- 10 version of it. If you wouldn't mind, put that on
- 11 the easel.
- 12 Mr. Dorgan, what is this
- 13 photograph?
- 14 A. My understanding is this is a
- 15 photograph of a photograph that had been in
- 16 Johns Manville's possession that shows what
- 17 would be the southwestern area of their main
- 18 manufacturing facility with Greenwood Avenue
- 19 running diagonally through the right side of
- 20 the photograph with the Site 3 Johns Manville
- 21 parking lot in the background.
- Q. Okay. Just for the people in the
- 23 room, can you point out where the Johns Manville
- 24 parking lot that we have been discussing in this

- 1 case is located?
- 2 A. It would be that area right here
- 3 (indicating).
- Q. Is there anything about the photo
- 5 that you find important?
- 6 A. In addition to verifying that cars
- 7 were using it to park on it, it does appear that
- 8 we have --
- 9 MR. McGINLEY: Excuse me,
- 10 Mr. Halloran. Could we ask the witness --
- I can't see because his body is blocking --
- 12 HEARING OFFICER HALLORAN: Yes.
- 13 Mr. Dorgan, could you do your best?
- 14 THE WITNESS: Certainly.
- 15 HEARING OFFICER HALLORAN: We
- 16 have limited space here.
- MR. McGINLEY: Thank you.
- 18 BY THE WITNESS:
- 19 A. So again, this being the parking
- 20 lot and what you can see are these linear features
- 21 that demarcate the outer boundary of the parking
- 22 lot and then you can see these other linear
- 23 features where the cars are fully pulled up to,
- 24 which I believe are indicative of the concrete

- 1 Transite pipe that was being used to define the
- 2 perimeter of the parking lot and to act as wheel
- 3 stops for the cars.
- 4 BY MS. BRICE:
- 5 Q. And what is the date of this aerial
- 6 photographs?
- 7 A. Late 1950s.
- 8 Q. What is your understanding how the
- 9 parking lot was put together in the 1950s?
- 10 A. My understanding is that there was
- 11 an area that was along Greenwood Avenue that cars
- 12 had been parking along the shoulder, it looked like,
- 13 at one time and they expanded that to encompass
- 14 this area of relatively level ground, that they
- 15 could then lay out with both perimeter and wheel
- 16 stops and then accommodate more cars.
- 17 Q. We talked a moment ago about your
- 18 conversation with Mr. Clinton about the history
- 19 of the parking lot. What other information do
- 20 you have about the history of the parking lot
- 21 that confirms your understanding of how it was
- 22 constructed?
- 23 A. Well, I quess a significant piece
- 24 of information were the IDOT specifications for

Page 135 the Amstutz project which shows the conditions that existed at Site 3 at the time the design work had been done or construction of the detour roads, both Detour Road A and Detour Road B. That 5 would be another source of information. 6 Okay. If you look behind you, there 7 are blown up copies of the plans. I think you will 8 find in there one that might be referencing. It's one of the smaller ones. 9 10 A. This would be one. 11 Okay. Could you identify that 12 document for the record? It's referenced as JM 001154. 13 A. 14 MS. BRICE: That has been 15 stipulated to. HEARING OFFICER HALLORAN: 16 17 part of Exhibit 52? 18 MS. BRICE: What is the exhibit 19 number? Is it not on there? 20 THE WITNESS: No, I'm sorry. 21 MS. CAISMAN: PI think it's 19. 22 Oh, no. It's Exhibit 21. 23 HEARING OFFICER HALLORAN:

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24

you.

- 1 BY MS. BRICE:
- Q. That's Exhibit 21. On Exhibit 21,
- 3 Mr. Dorgan, what is it about Exhibit 21 you were
- 4 just referring to?
- 5 A. This is both a cross section and a
- 6 plan view of the proposed location of Detour
- 7 Road A that transects Site 3 in the Johns Manville
- 8 parking lot.
- 9 Q. What about that figure is significant
- 10 to your opinion with respect to the construction of
- 11 the parking lot?
- 12 A. Yes. It doesn't -- where the profile
- 13 goes across the parking lot, it doesn't reference
- 14 any existing construction conditions of the parking
- 15 lot. It simply shows where it was located.
- 16 Q. I would like to mark Deposition
- 17 Exhibit 50, which we have already admitted into
- 18 evidence. It's not deposition exhibit. It's
- 19 Trial Exhibit. I apologize again.
- 20 HEARING OFFICER HALLORAN: Thank
- 21 you.
- 22 BY MS. BRICE:
- 23 Q. It's in your book.
- 24 A. Fifty?

		Page 137	
1	Q.	Fifty.	
2	A.	Yes.	
3	Q.	Mr. Dorgan, have you seen this	
4	document?		
5	A.	Yes.	
6	Q.	And when did you see this document?	
7	A.	Relatively recently within the last	
8	couple of weeks.		
9	Q.	Okay. And what is this document?	
10	A.	It appears to be a contract between	
11	Commonwealth Edison and Johns Manville.		
12	Q.	And how does this document impact	
13	your opinion?		
14	A.	This document establishes that there	
15	was a license agreement between the two parties		
16	allowing Johns Manville to utilize a portion of		
17	their property to operate the parking lot that we		
18	have been discussing.		
19	Q.	What is your understanding of	
20	Mr. Gobelman's opinion with respect to the		
21	construction	n of the parking lot?	
22	A.	I believe he's testified that	
23	the parking	lot was an asphalt parking lot that	
24	then used T	ransite bumpers Transite pipe as	

- 1 wheel stops on top of the asphalt.
- Q. Okay. What about the material?
- 3 Does he have an opinion as to subsurface of the
- 4 parking lot?
- 5 A. I believe he had indicated that
- 6 there was a subbase underneath the parking lot
- 7 and he had opined concerning certain changes
- 8 that were contemplated based upon site conditions
- 9 that the contractor had acknowledged during the
- 10 construction effort.
- 11 Q. Right. But does he believe that
- 12 there's fill material underneath the parking lot
- 13 at the time it was constructed?
- 14 A. Yes.
- 15 Q. Can you elaborate, please?
- 16 A. Yes. He, I believe, testified that
- 17 there had been some cinder material that were
- 18 present in some of the boring logs that would
- 19 have been fill material underneath the parking
- 20 lot.
- Q. Okay. Does this license agreement
- 22 authorized Johns Manville to report fill onto
- 23 ComEd's property?
- 24 A. No.

- 1 Q. Is there any evidence in the record
- 2 that JM used asphalt on the surface of the parking
- 3 area to create the parking?
- 4 A. No.
- 5 Q. And is there any evidence that it did
- 6 not?
- 7 A. Yes.
- 8 Q. And where is that in general?
- 9 A. I would say it's on the -- again,
- 10 on the specifications for the construction project,
- 11 its absence in any of the investigations that have
- 12 been done across Site 3. That would be another
- 13 piece of evidence.
- 14 Q. When you say it's absence, can you
- 15 elaborate on that?
- 16 A. The argument had been that the
- 17 Detour Road A had been installed and actually
- 18 utilized the asphalt from the Johns Manville
- 19 parking lot in place of having to bring asphalt
- 20 in since it was already there.
- 21 Then there was an argument
- 22 that the parking lot would have remained in
- 23 place after the construction effort was over.
- 24 We certainly have not seen that in that an asphalt

- 1 layer or even any meaningful fragments of asphalt
- 2 have shown up in any of the investigation work
- 3 that's been completed at the site.
- 4 Q. During your site visit, did you
- 5 observe any asphalt on Site 3?
- 6 A. No.
- 7 Q. Let's go to Page 50-5, please,
- 8 which is Exhibit A of Trial Exhibit 50. Do you
- 9 see that?
- 10 A. I do.
- 11 Q. Does this map align with your
- 12 understanding of the location of the former
- 13 parking lot as depicted with your figures?
- 14 A. It does.
- Q. What are those angles and lines
- 16 as far as you can tell? They are hard to see on
- 17 that picture.
- 18 A. It's a little difficult to see,
- 19 but where you can see them, it would look like
- 20 your fairly typical parking stall demarcations.
- Q. Okay. Let's go back to Exhibit 6,
- 22 your expert report on Page 11, please. You
- 23 state that "The parking lot operated from its
- 24 date of construction in the late 1950s through

Page 141 to approximately 1970." 2 How are you able to identify 3 as 1970 as the approximate date upon which the parking lot ceased to be used? 5 A. The aerial photos. 6 0. Let's take Exhibit 67, please. I'm 7 sorry. No. This is a 1967 aerial photo, which 8 is Exhibit 53. Let me give you the Bates number. 9 This is 53 L and it's JM 0005836. Do you see 10 that? Yes, I do. 11 A. 12 And what is this document? 0. 13 MS. BRICE: This has been 14 stipulated to. 15 HEARING OFFICER HALLORAN: I'm 16 This is exhibit? sorry. 17 MS. BRICE: It's 53 L. 18 HEARING OFFICER HALLORAN: 19 you. 20 BY THE WITNESS: 21 This is an aerial photograph from 22 1967 of the Johns Manville facility and the 23 immediately surrounding area.

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24

- 1 BY MS. BRICE:
- Q. Can you please explain to me what
- 3 is important about this aerial photo to your
- 4 opinion?
- 5 A. In the aerial photo, the parking lot
- 6 on Site 3 is readily discernible.
- 7 Q. And let's then go to Exhibit 54S-1
- 8 and there is a blowup right behind you, Mr. Dorgan.
- 9 If you could please place that on the easel, I
- 10 would greatly appreciate it.
- MS. BRICE: This has been
- 12 stipulated to, Mr. Halloran.
- 13 HEARING OFFICER HALLORAN: Thank
- 14 you.
- 15 BY MS. BRICE:
- 16 Q. Mr. Dorgan, what is this document?
- 17 A. It's an aerial photo from 1970,
- 18 June 11th.
- 19 Q. And how is the parking lot area
- 20 different in this photo when compared to the
- 21 1967 one that we were just looking at, if at all?
- 22 A. You can see evidence of the parking
- 23 lot. However, it doesn't appear to be in use and
- 24 some of the features appear to be absent. You can

- 1 still make out faintly some of the perimeter
- demarcations, but otherwise, it looks like the
- 3 parking lot has been abandoned at this point.
- 4 Q. Thank you. Turning back now to
- 5 Exhibit 6 on Page 11, you said the lot was used
- 6 until approximately 1970 when the parking lot
- 7 was destroyed under contract to IDOT to accommodate
- 8 construction of the Amstutz project. Can you tell
- 9 me what the Amstutz project is?
- 10 A. As it's been described earlier,
- 11 it was a project to create an embankment and an
- 12 overpass from Greenwood Avenue as part of the
- 13 adjacent freeway redevelopment project.
- 14 Q. Okay. And who was in charge of that
- 15 project?
- 16 A. I understand IDOT was in charge of
- 17 it.
- 18 Q. How long did that project take?
- 19 A. I believe it would have started
- 20 roughly 1969 and I believe it ended in the mid-'70s,
- 21 '75 or '76.
- 22 Q. What documents have you reviewed
- 23 with respect to the IDOT project in 1970s in
- 24 general?

- 1 A. Primarily, the original technical
- 2 specifications, which we understand to have been
- 3 marked up representing the as-built drawings for
- 4 the project. Then, of course, we looked at a
- 5 number of contract documents that were included
- 6 in the record, some of the original contract
- 7 documents between the various contractors doing
- 8 work on the site. There were change orders that
- 9 were technical deviations, notices and then, of
- 10 course, there's the standard specifications that
- 11 controlled the project as a whole.
- 12 Q. Whose responsibility was it to
- 13 determine how material was managed during the
- 14 project?
- 15 A. It's my understanding it would have
- 16 been the IDOT resident engineer.
- 17 Q. And does that apply to fill or borrow
- 18 material as well?
- 19 A. I believe so, yes.
- 20 Q. What is a resident engineer?
- 21 A. The resident engineer would normally
- 22 be a representative of IDOT that would be onsite.
- 23 They may be there full-time. They may be there
- 24 paying periodic visits. Their responsibility would

- 1 be to assure that construction that's being
- 2 performed by the contractors are actually being
- done in a way that meet with the -- both the
- 4 general and the technical specifications for the
- 5 project.
- 6 Q. Based upon your review, for the
- 7 record, who was the resident for this site?
- 8 A. I understand it was a gentleman
- 9 named Duane Mapes.
- 10 Q. And do you know whether or not he
- 11 is still alive?
- 12 A. I don't believe so.
- 13 Q. Let's go back to Exhibit 19, the
- 14 specifications. Just to elaborate a bit on the
- 15 points you made earlier, if you could look at
- 16 Exhibit 19-2 and could you read into the record
- 17 the first sentence of 106.05?
- 18 A. 106.05?
- 19 Q. Yes, please.
- 20 A. This is titled, "Source of Materials."
- 21 "The source of supply of each material used shall
- 22 be approved by the engineer before delivery is
- 23 started."
- Q. Okay. When did IDOT first come to

Page 146 start work on the Amstutz project as far as you can 2 tell from the record? 3 A. Roughly 1969. 4 MR. McGINLEY: Objection, vague 5 and ambiguous. 6 HEARING OFFICER HALLORAN: I'm 7 sorry, Mr. McGinley. Vague and ambiguous? 8 MR. McGINLEY: Objection, vague 9 and ambiguous, yes. 10 HEARING OFFICER HALLORAN: Could 11 you rephrase, please? MS. BRICE: Sure. 12 13 BY MS. BRICE: 14 As far as you know, when did IDOT Q. first begin to do work on the Amstutz project? 15 16 1969. A. 17 0. How do you know that? 18 A. Based upon the specifications and Mr. Gobelman's testimony. 20 Let's go back to the engineering 21 drawings that we were looking at. I believe it's 22 Exhibit 21. It's 21 A, please. Do you have those 23 in front of you? 24 A. I do.

- 1 What are these documents? 0. 2 A. These would be the design drawings 3 that would have been developed to guide the construction effort itself and then based upon a notation on this cover page, it appears as though the design drawings become as-built 6 drawings to document the completed conditions at the conclusion of the project. 9 Okay. So explain that a little 10 What are as-built drawings as far as you more. 11 know? 12 A. Typically, you will have your design set, which lays out what's supposed to be 13 14 built. Occasionally, there will be modifications 15 during the actual project and those modifications 16 would typically be captured and represented in the as-built drawings so that you have a complete 17 18 record of what actually was built and not just 19 relying on what the design drawings showed. 20 Q. Thank you. 21 MS. BRICE: Mr. Halloran, I 22 believe I said it earlier but we did 23 stipulate --24 HEARING OFFICER HALLORAN:
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- 1 Exhibit 21 was stipulated to?
- MS. BRICE: Yes.
- 3 HEARING OFFICER HALLORAN: Thank
- 4 you.
- 5 BY MS. BRICE:
- Q. If you could, look in the lower
- 7 right-hand corner there, the document in front
- 8 of you is fine. What do you see there?
- 9 A. A hand notation on the first page
- 10 of the document set.
- 11 Q. I'm talking about the lower right
- 12 corner where there's signature lines.
- 13 A. Oh, yes.
- 14 Q. Could you just explain the
- 15 significance of that and the dates on there for
- 16 everyone in the room?
- 17 A. Yes. So the -- in most -- many
- 18 construction projects when you develop a set of
- 19 design drawings, there is a review process that
- 20 they go through and each step in that review
- 21 process, there is usually somebody responsible
- 22 for signing off that they have reviewed it and
- 23 that the design -- they are in agreement with the
- 24 design and there's a whole series of signatures

- 1 here, many of which are dated -- it appears to
- 2 be as early as September 1970 and as late as
- 3 December of 1970.
- 4 Q. All right. You testified a moment
- 5 ago that something that Mr. Gobelman said that
- 6 led you to believe that there was work done on
- 7 the Amstutz in 1969. Can you please elaborate?
- 8 A. Well, in most projects like this,
- 9 there is a lot of background work that needs to
- 10 be done before you move to the design phase and
- in a significant construction project like this,
- 12 there would have been a number of tasks implemented
- 13 prior to the design moving forward including
- 14 oftentimes surveying some geotechnical engineering
- 15 work that would have been done that would have
- 16 supported the design effort itself and that work
- 17 would have had to have been completed before they
- 18 could move forward with the design so they knew
- 19 what conditions they were designing to.
- MR. McGINLEY: Mr. Halloran, I'm
- 21 going to object. This is not -- everything
- 22 that Mr. Dorgan is testifying to now is
- 23 outside the scope of his opinion as set
- 24 forth in his report and his rebuttal

	Page 150
1	report.
2	MS. BRICE: No. It's in his
3	rebuttal report. He talks about the 1970
4	photo and the date of construction.
5	HEARING OFFICER HALLORAN: I
6	think I recall that, Mr. McGinley.
7	Ms. Brice, if you could,
8	point that to me.
9	MS. BRICE: Sure. 16.4, 2.2.1A.
10	HEARING OFFICER HALLORAN: I'm
11	looking at his report.
12	MS. BRICE: This is the rebuttal
13	report, Mr. Halloran.
14	HEARING OFFICER HALLORAN: Right.
15	MS. BRICE: I can read it to you
16	if you would like.
17	HEARING OFFICER HALLORAN: What
18	page
19	MS. BRICE: 16-4. If you don't
20	mind, I could approach.
21	HEARING OFFICER HALLORAN: Sure,
22	you may.
23	MS. BRICE: Thank you.
24	HEARING OFFICER HALLORAN: I

	Page 151	
1	MR. McGINLEY: I'll withdraw	
2	the objection. I'm sorry.	
3	MS. BRICE: Pardon?	
4	MR. McGINLEY: I'll withdraw	
5	the objection.	
6	HEARING OFFICER HALLORAN: Thank	
7	you, Mr. McGinley.	
8	You may proceed, Ms. Brice.	
9	MS. BRICE: Sure. Sorry. I	
10	don't remember where I was.	
11	Ms. Reporter, could you	
12	please read back where we were?	
13	(Whereupon, the requested	
14	portion of the record was	
15	read accordingly.)	
16	BY THE WITNESS:	
17	A. And I believe I indicated that	
18	surveying work, geotechnical engineering work	
19	would have been completed prior to advancing	
20	to the design phase and that was generally	
21	consistent with testimony from Mr. Gobelan in	
22	his deposition.	
23	BY MS. BRICE:	
24	Q. All right. And on these drawings	

- 1 back on Exhibit 21 in the lower left-hand corner,
- 2 it talks about -- in red -- something in red.
- 3 Have you seen a color copy of these engineering
- 4 drawings?
- 5 A. No, I have not.
- 6 Q. And do you know why you have not seen
- 7 a color copy?
- 8 A. My understanding is they are not
- 9 available.
- 10 Q. Did IDOT have to do soil borings
- 11 in order to understand whether there was unsuitable
- 12 material present underneath the embankment area?
- 13 A. Yes.
- 14 Q. Have you seen any soil boring blocks
- 15 for Sites 3 or 6?
- 16 A. No.
- 17 Q. Have you seen soil boring blocks for
- 18 other portions of the property?
- 19 A. Yes.
- Q. And where are those?
- 21 A. Primarily, along the abutment at the
- 22 overpass itself.
- 23 Q. And physically, where are those
- 24 descriptions of the soil boring logs.

		Page 153
1	A.	West of Site 3.
2	Q.	I'm sorry. I mean, in the documents.
3	A.	Oh, they are in the specifications.
4	Q.	And just so we're clear, they are
5	standard s	pecifications and then they are
6	constructi	on drawings and I don't want to get
7	confused.	So are you talking about the construction
8	drawings?	
9	A.	Yes.
10	Q.	Could you possibly show us where
11	those migh	t be located?
12	A.	An example would be on Sheet 49.
13	Q.	What's the trial exhibit number?
14	A.	1180.
15	Q.	No. That's the Bates number. What's
16	the trial	exhibit number?
17	A.	I'm sorry. That's 21A-49.
18	Q.	All right. And what are the soil
19	boring num	bers that are depicted on that document?
20	A.	B15, 16, 17 and 18.
21	Q.	Okay. Have you seen any soil borings
22	for one th	rough 14?
23	Α.	No, I have not.
24	Q.	Okay. Have you seen any soil boring

- 1 logs for numbers after what's depicted on this page?
- A. No, I have not.
- 3 Q. How do you know that IDOT removed
- 4 the parking structure as part of the Amstutz
- 5 Project?
- 6 A. I believe there's references in the
- 7 record to -- reference to the fact that IDOT was
- 8 responsible for -- I believe the term used was
- 9 obliterating the road at the conclusion of the
- 10 project.
- 11 Q. Right. But I'm talking about the
- 12 parking lot. Let's go to Exhibit 21.
- 13 A. Twenty-one.
- 14 Q. I believe you had that earlier. It
- 15 was the blowup that you were looking at.
- 16 A. This one here (indicating)?
- 17 Q. Yes. And what is the -- I think
- 18 that was 21L. Is that what we said? It's part
- 19 of the construction drawings. It's JM 001154,
- 20 I believe.
- Do you see -- and this is an
- 22 engineering drawing for IDOT, correct?
- 23 A. Correct.
- Q. Okay. Do you see the outline of

Page 155 the parking lot on that drawing? 2 A . I do. 3 0. Okay. And where is the parking lot depicted on that drawing? 5 A. It would be on the right side of the 6 figure towards the top. 7 Okay. Could you take a pink highlighter and on that document, please outline 9 it. 10 A. (Witness complied.) 11 0. Thank you. Do you see in that 12 document Detour Road A? 13 A. Yes. 14 Okay. And there were three detour 0. roads that were built as part of the Amstutz project, correct? 16 17 A . That's correct. 18 0. Okay. And can you, in green, outline 19 Detour Road A for us? 20 How about blue? A. 21 Q. Blue is perfect. 22 A. (Witness complied.) 23 0. Thank you. And where is the IDOT --

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where is the detour road in relation to the parking

24

Page 156 1 lot? 2 A. It transects it. 3 Q. So what does that tell you? 4 They would have built the detour 5 road through what would have been the parking lot. 6 Why did IDOT need a detour road? Q. 7 A. It would have been used to manage alternate routing for traffic that would have 8 needed access to the area once they began the 10 construction project and took the existing roads out of service to accommodate the 11 12 construction project. 13 Do you have an idea when IDOT actually 14 built Detour Road A? 15 If I recall correctly, it would have 16 been fairly early in the protect. It would have 17 been in roughly '71. 18 Okay. Great. If you could take the 19 blowup that is right behind you, which is IDOT 002649. That's the Bates number. It's part of 20 21 Exhibit 53. I'm sorry I do not have -- it's 54R. 22 I'm sorry. It's not 54R. Do we have the Bates 23 number on it?

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MS. O'LAUGHLIN: What's the

24

Page 157 Bates number again? 2 MS. BRICE: I have IDOT 002649. 3 MR. McGINLEY: 2649? We have a blank copy in our binder. 5 MS. BRICE: Oh, that's not good. 6 What's behind it? 7 MR. McGINLEY: 45S. 8 MS. BRICE: Okay. Hold on. 9 Sorry. If you would, give us a moment. 10 It's Exhibit 53B. I apologize. 11 BY MS. BRICE: 12 0. What's on the screen. 13 A. This is a blowup of what's on the 14 screen. 15 When you say "this is a blowup," Q. 16 what are referring to? 17 The scale has -- in order to be able to see the Detour Road A, Detour Road B 19 and the intersection with Greenwood, they took 20 this scale and scaled is up so that we could see those particular features a little more 21 22 effectively. 23 0. Okay. Thank you. 24 MS. BRICE: And this aerial has

	Page 15
1	been stipulated to.
2	HEARING OFFICER HALLORAN: Thank
3	you.
4	BY MS. BRICE:
5	Q. Can you please highlight in yellow
6	on that aerial photograph where Detour Road A is?
7	A. (Witness complied.)
8	Q. Thank you. Can you highlight in
9	pink where the parking lot had been?
10	A. It's right here (indicating).
11	Q. Thank you. What about this aerial
12	photograph is significant to your opinion?
13	A. It just confirms our general
14	understanding of the construction phasing. This
15	picture shows the detour road having already been
16	constructed. As you see from this photo, it's
17	difficult to even discern any longer the former
18	Johns Manville parking lot and get a rough idea
19	of where it had been located, but most of the
20	features had been removed.
21	Q. And what does this photo tell you
22	about the disturbance area with respect to Site 3?
23	A. Well, you can see quite a bit of
24	disturbance that we understand would have been

- 1 related to the construction itself. You can see
- 2 the work around the edges of the bypass road.
- 3 You can see the work done down here at the
- 4 intersection where they tied Detour Road A in
- 5 with Greenwood. You've clearly got some sort
- 6 of -- this appears to be some sort of stockpiled
- 7 material that exists on what would have --
- Q. When you say this appears to be --
- 9 sorry. I don't want to interrupt you, but when
- 10 you say this appears to, for the record, no one
- 11 is going to be able to know what you're saying.
- 12 So if you want to circle something --
- 13 A. Yes. There's an area -- I'll use
- 14 green or -- excuse me -- blue. There's an area
- 15 that would have been on kind of a western part
- 16 of the parking lot right all through here. You
- 17 can see quite a bit of a disturbance in what
- 18 potentially could be stock piles of material.
- 19 Q. Okay. Going back to your Figure 1
- 20 from your rebuttal report, which is sitting down
- 21 there behind you, I believe, maybe not. Nope.
- 22 Sorry. Scratch that.
- 23 Figure 1 from your rebuttal
- 24 report -- if I may approach, please -- does the

- 1 disturbance that you see on the aerial photo in
- 2 1972, how does that compare to the construction
- 3 limits -- the limits of construction that you
- 4 have there on Figure 1?
- 5 A. Again, just orienting what we have
- 6 Detour Road A and Greenwood, that says Detour Road
- 7 A from Greenwood. This was the former parking lot
- 8 through this area right here. These features would
- 9 have been --
- 10 Q. Try and describe it in words, please.
- 11 A. These features would have been
- 12 located on the western part of the former parking
- 13 lot within that triangular area that was created
- 14 by the Greenwood Avenue embankment construction,
- 15 Detour Road B construction and Detour Road A
- 16 construction.
- 17 Q. Does it appear to be within the
- 18 limits of construction, the disturbance area?
- 19 A. Part of the disturbance area does.
- 20 O. How about the rest?
- 21 A. Parts of the area of disturbance
- 22 appear to be outside of those construction limits.
- 23 Q. Thank you. Let's stick with this
- 24 aerial photo, please, the 1972 aerial photo. That's

- 1 your understanding of the date, correct?
- 2 A. Yes.
- 3 Q. You mentioned Detour Road B. Could
- 4 you outline that in a different color, please?
- 5 A. This is blue and this is Detour Road
- 6 B (indicating).
- 7 Q. So Detour Road B is going north/south;
- 8 is that correct?
- 9 A. North/south along the western side
- 10 of B, Site 3 area and north across Greenwood
- 11 abutting the western side of Johns Manville's
- 12 main parking lot.
- 13 Q. And when you say Johns Manville's
- 14 main parking lot, is that parking lot on Johns
- 15 Manville's property?
- 16 A. Yes.
- 17 Q. Okay. So that's not the same parking
- 18 lot that had been on Site 3; is that correct?
- 19 A. That's correct.
- 20 Q. Do you see asphalt on that Johns
- 21 Manville parking lot?
- 22 A. It's difficult to make it out as
- 23 asphalt just from looking at this photo, but it
- 24 certainly appears to be some sort of paved

Page 162 structure. 2 Q. Does there appear to be any asphalt in the area of the former Site 3 parking lot? No. A. 5 0. How far east does Detour Road A go? 6 To this point where it intersects A. back into Greenwood Avenue. 8 0. Is that consistent with the plans? 9 It would appear to generally be, This area is perhaps a little -- the radius 10 11 on this intersection is perhaps a little bit larger than what the plans show, but not substantially so. 12 13 Whether I say "this area," would you 0. please describe it in words? 14 15 Yes. I'd be describing the eastern 16 terminus of Greenwood or of Detour Road A at the intersection with Greenwood Avenue. 17 Thank you. I'd like to turn to 18 Q. 19 Trial Exhibit 35, please. MS. BRICE: This document is 20 21 stipulated to. 22 HEARING OFFICER HALLORAN: Thank 23 you. 24

- 1 BY MS. BRICE:
- Q. Trial Exhibit 35 is IDOT 000329.
- 3 Mr. Dorgan, what is this document?
- 4 A. This document was an authorization
- for a contract change that would have been submitted
- 6 by the contractor to IDOT.
- 7 Q. And what does this document say about
- 8 the detour roads?
- 9 A. It adjusts quantities as part of their
- 10 pay items based upon changes that they made to
- 11 take advantage of existing site features that
- 12 they encountered when they did the construction.
- 13 Q. Okay. And it says, does it not,
- 14 that the additional special excavation was used
- 15 to remove and obliterate the detour roadways,
- 16 correct?
- 17 A. Correct.
- 18 Q. What significance does that have
- 19 to your opinion?
- 20 A. I believe it supports the opinion
- 21 that IDOT had been responsible for removing the
- 22 detour roads.
- Q. Let's go to the 1974 aerial
- 24 photograph, which is 53K.

- 1 A. I'm sorry. 53?
- Q. 53K. I believe, Doug, there is a
- 3 blowup of that, too, but you might want to
- 4 double-check.
- 5 A. No.
- 6 Q. No? There should be, but we'll
- 7 just keep going.
- 8 All right. Could you please
- 9 tell me the date on this document and what you
- 10 see in this document? Could you blow that up?
- 11 A. This is an aerial photograph dated
- 12 1974 showing again the main Johns Manville facility
- 13 centered in the center of the image with some of
- 14 the surrounding properties shown as well.
- Q. Okay. Do you see the Detour Road A
- 16 any longer?
- 17 A. You can see a remnant of where Detour
- 18 Road A had been, but it doesn't appear that the
- 19 detour road is still in operation.
- 20 Q. How about Detour Road B?
- 21 A. The same is true of Detour Road B.
- 22 Q. Based upon review of the record,
- 23 is there any evidence that any development has
- 24 occurred on Site 3 since 1977?

- 1 A. Not that I'm aware of.
- Q. Let's talk about Site 6. What can
- 3 you tell me about the -- I'm not taking about the
- 4 western side of Site 6. Okay? What can you tell
- 5 me about the early history of Site 6?
- 6 A. Well, as far as I understand, Site 6
- 7 utilized as a roadway for some time dating back to
- 8 at least the '30s.
- 9 Q. How did the Amstutz project impact
- 10 what is now Site 6?
- 11 A. Part of the very western end of
- 12 Site 6 would have been used as part of the
- 13 embankment construction to bring Greenwood
- 14 Avenue up and over the railroad tracks.
- Q. Can you explain what an embankment
- 16 is?
- 17 A. An embankment is simply an earthing
- 18 structure that allows you to raise the road
- 19 elevation to get it up to some height where --
- 20 and it usually intersects with a bridge to carry
- 21 traffic over another type of structure.
- 22 Q. And what purpose did this embankment
- 23 serve?
- 24 A. It raised Greenwood Avenue by roughly

		Page 166
1	20 feet.	
2	Q.	And to do what?
3	A.	To allow traffic then to go over the
4	railroad trac	ks and then ultimately tie into the
5	freeway proje	ct.
6	Q.	And where is the freeway project, if
7	you could jus	t point it out for the people in the
8	room on Aeria	l Photograph 72? I don't think we've
9	done that yet	
10	Α.	It would be over here and here
11	(indicating).	
12	Q.	So that would be to the west
13	A.	Yes.
14	Q.	of Pershing, correct?
15	А.	Correct. Right here (indicating).
16	Q.	How high was this embankment?
17	Α.	Approximately 20 feet.
18	Q.	It wasn't 20 feet all the way across,
19	right?	
20	Α.	Not. It would have started at grade
21	at the easter	n end and then it went up from the east
22	to the west.	
23	Q.	It went up from the east to the west?
24	Α.	Yes.

		Page 167
1	Q.	Okay. How do you know that?
2	А.	From the design drawings and the
3	existing topo	graphy.
4	Q.	Was there a twin embankment on the
5	other side?	
6	А.	I believe there was, yes.
7	Q.	Is this embankment still there?
8	А.	Yes.
9	Q.	Okay. I'm going to fastforward a
10	bit here. Yo	our report goes into detail about
11	the environme	ntal conditions on Sites 3 and 6.
12	I'm just tryi	ng to move through this so that we
13	don't keep re	peating everything.
14		It discusses initial sampling
15	done by ALM S	ite 3 in 1999, right?
16	А.	Yes.
17	Q.	And what kind of sampling is that?
18	А.	They had initially undertaken some
19	surficial deb	ris or removal and then initiated an
20	investigation	of the site conditions.
21	Q.	Did that sampling include Site 6?
22	Α.	I don't believe it did.
23	Q.	Your chronology on Page 6 notes
24	little happer	ed between '99 and 2007. Do you know

- 1 why?
- 2 A. Not particularly.
- 3 Q. You state again then on Page 6 that
- 4 on June 11, 2007, JM, ComEd and US EPA signed an
- 5 administrative settlement agreement ordering consent
- 6 or removal action. Do you see that?
- 7 A. Yes.
- 8 Q. Okay. Are you familiar with such
- 9 administrative settlement agreements and order of
- 10 consent?
- 11 A. Yes.
- 12 Q. And how are you familiar with that?
- 13 A. I have been involved in both
- 14 negotiating them and then implementing the work
- 15 required by them.
- 16 Q. Okay. And for purposes of this trial,
- 17 I'm going to refer to this as an AOC. Okay? What
- 18 is an AOC?
- 19 A. Typically, it's an agreement between
- 20 the regulatory authority and some party that lays
- 21 out the -- both regulatory background and then
- 22 the specific obligations and commitments of both
- 23 parties in terms of work that will be done at a
- 24 site to investigate and then to the extent necessary

- 1 to clean up a property. Then oftentimes, it will
- 2 provide certain legal protections and
- 3 indemnifications to parties for completing the work
- 4 that's been required.
- 5 Q. Was the first step in this AOC to do
- 6 an investigation nature and extent of contamination?
- 7 A. Yes.
- 8 Q. Okay. Is that generally required
- 9 when contamination is found on the surface of the
- 10 land?
- 11 A. Yes.
- 12 Q. After that work was complete, what
- 13 was required under the AOC?
- 14 A. That they would have to evaluate --
- 15 based upon what they found in their nature and
- 16 extent investigation, they'd have to evaluate
- 17 alternate ways of addressing the site conditions
- 18 that were encountered and eventually submit a
- 19 proposal that would present what Johns Manville's
- 20 intentions were in terms of addressing the
- 21 conditions that would be encountered.
- Q. And I believe that previous witnesses
- 23 testified about an EECA. Is that the culmination
- 24 of the investigation?

Page 170 Α. 1 Yes. 2 0. And what does the EECA propose? 3 Α. The EECA considered a number of 4 alternatives, but eventually proposed certain 5 of the alternatives as being the preferred 6 approach to address the conditions at both Site 3 7 and Site 6. 8 Okav. And I believe we looked at 9 EECA Version 4 here. What happened after -in the chronology after EECA Version 4 was 10 submitted to the extent you recall? 11 12 Oh, I believe that there was an 13 enforcement action memorandum. Well, first there 14 was -- the EPA came back seeking very specific modifications to the EECA. 15 Then there was an enforcement action memorandum that was issued 16 17 and then a number of back and forth attempting to negotiate modifications to what was being 18 19 required by the enforcement action memorandum. 20 Q. Did the AOC itself require any specific remedy? 21 22 Α. No. 23 Why is that? Q. 24 Α. It wouldn't have required a remedy

- 1 before understanding what the site conditions
- 2 were.
- 3 Q. Can there be instances when you
- 4 are required to do the nature and extent of the
- 5 evaluation investigation, but not required to
- 6 implement an extensive remedy?
- 7 A. That's possible.
- 8 Q. Have you also been involved in sites
- 9 where you had an investigation, but no extensive
- 10 remedy?
- 11 A. I have.
- 12 Q. Let's talk about the EECA. I
- 13 think you have a demonstrative on this or at
- 14 least a partial one.
- 15 A. Are you talking about this one
- 16 (indicating)?
- 17 Q. Yes. I think at least it's a partial.
- 18 Maybe we will -- it will -- we'll come to it later,
- 19 but it does describe the EECA documentation and
- 20 this is also described at length in your report,
- 21 correct?
- 22 A. Correct.
- Q. What was the selected remedy under
- 24 EECA Version 4?

- 1 A. The -- for Site 3, there had been --
- 2 of the alternates that had been proposed, Johns
- 3 Manville, through the EECA, had proposed Alternate
- 4 2, which involved some excavation of
- 5 soils and then placement of a vegetative soil
- 6 barrier over the entire site and then obviously
- 7 because of that, there had been some ongoing
- 8 operations and maintenance obligations.
- 9 Q. Okay. What about on Site 6, the
- 10 western portion?
- 11 A. The western portion of Site 6
- 12 proposed something similar in the original EECA.
- 13 Q. When did JM know the actual scope
- of the remedy for Sites 3 and 6? You talked
- 15 about an enforcement action in the memorandums
- 16 at the time.
- 17 A. I believe at the time the EAM came
- 18 out.
- 19 Q. Okay. And on Page 16 of your report,
- 20 I think it's actually maybe -- on Page 16 of your
- 21 report, the first full paragraph, you said that
- 22 "The EAM marked a significant expansion of the scope
- of the remedy when compared to AECOM's EECA Version
- 24 4." Do you see that?

- 1 A. I do.
- Q. Okay. Can you explain to us how it
- 3 was a significant expansion of the scope?
- 4 A. I think the primary -- there were
- 5 still some elements of what had been proposed
- 6 earlier, but they then took it a step further
- 7 in terms of asking that the concept of the clean
- 8 soil corridor be installed around certain of the
- 9 utilities on-site.
- 10 Q. And if you go to Page 1 of -- let's
- 11 go to Exhibit 65, which is the enforcement action
- 12 memorandum, which has already been stipulated into
- 13 evidence here.
- 14 HEARING OFFICER HALLORAN: Is that
- 15 Exhibit 65, Ms. Brice?
- MS. BRICE: Correct.
- 17 BY MS. BRICE:
- 18 Q. On the first page, it talks about
- 19 the purpose of the action. Can you read that
- 20 into the record, please, just the first sentence
- 21 or so.
- 22 A. "The purpose of this memorandum is
- 23 to document the determination of an imminent and
- 24 substantial threat to public health, welfare or

- 1 the environment posed by contaminated soils at
- 2 the southwestern site area including Sites 3, 4,
- 3 5 and 6 in Waukegan, Lake County, Illinois and
- 4 to document approval of the proposed non-time
- 5 critical removal action for the site."
- 6 Q. Thank you. Page 1 also talks
- 7 about the action is the necessary, quote, to abate
- 8 or mitigate releases of hazardous substances
- 9 that may prevent an imminent substantial
- 10 endangerment to public health in the environment
- 11 posed by the presence of soils that were
- 12 contaminated with hazardous substances. Do
- 13 you see that?
- 14 A. Yes, I do.
- 15 Q. What does that mean to you?
- 16 A. That is a result of the culmination
- of investigations that had been performed, the
- 18 risk evaluation that had been done, that in EPA's
- 19 determination that the conditions did represent an
- 20 imminent and substantial endangerment and that
- 21 further work to mitigate the conditions that had
- 22 been identified would be required.
- 23 Q. Thank you. Let's get a little more
- 24 granular and let's look at Page 65-8.

	Page 175
1	HEARING OFFICER HALLORAN: Before
2	we get real granular, how long do we have
3	on direct because I we mentioned before
4	MS. BRICE: We have we have
5	a while.
6	HEARING OFFICER HALLORAN: Okay.
7	MS. BRICE: So I'm happy to stop
8	for lunch if you'd like to.
9	HEARING OFFICER HALLORAN: Would
10	that be everybody's preference and take an
11	hour and then because I didn't want to
12	break up Mr. Dorgan's testimony, but
13	MS. BRICE: This would be a good
14	time to stop for that.
15	HEARING OFFICER HALLORAN: All
16	right. I will see everybody back here,
17	say, at 1:35. Thank you.
18	(Whereupon, after a short
19	break was had, the following
20	proceedings were held
21	accordingly.)
22	HEARING OFFICER HALLORAN: All
23	right. We are going back on the record.
24	We are back from lunch. It is approximately

Page 176 1 1:40. 2 This is PCB 14-3 and we have 3 Mr. Dorgan still on the stand. He is still 4 under oath. It is Ms. Brice's direct 5 testimony. 6 You may proceed --7 Thank you, Mr. Halloran. MS. BRICE: 8 HEARING OFFICER HALLORAN: 9 your direct questions. 10 BY MS. BRICE: 11 Q. I'd like to turn to your report, 12 Exhibit 6, Page 6-11, which is actually Page 8 of your report. Let me know when you are there, 13 14 please. 15 Α. Okay. 16 There is a sentence here at the bottom 17 of the first paragraph that says, "For both Sites 3 18 and 6, US EPA generally required the removal of all 19 asbestos-impacted soils and the creation of clean 20 corridors for all utilities running through the 21 sites." What's the significance of that statement? That's just summarizing the scope of 22 23 the remedies proposed by EPA in their enforcement 24 action memorandum.

- 1 Q. Let's take a look then at the
- 2 enforcement action memorandum and I would like
- 3 to turn to -- it's Exhibit 65. It's been
- 4 stipulated. It's 65-4.
- 5 The enforcement action memorandum
- 6 conducts a -- what is called a streamline risk
- 7 assessment. Can you tell me what they did and
- 8 what they concluded?
- 9 A. Yes. So part of the evaluation is
- 10 after you complete your investigation report on
- 11 your findings and then you subject your findings
- 12 to a risk evaluation, which is what the EPA had
- done, and this summarizes their risk evaluation
- 14 and it's through this process that they identified
- 15 those old pathways and receptors that were of
- 16 concern to them and establish the idea that there
- 17 was an imminent hazard to human health and the
- 18 environment.
- 19 Q. Okay. And you have -- in the middle
- 20 of that page, it says exposure route. What was the
- 21 primary exposure route?
- 22 A. Primarily, primary exposure route
- 23 would be inhalation.
- Q. Can you elaborate what you mean by

- 1 that for those that don't understand what risk
- 2 assessment is?
- 3 A. Typically, when you have contaminant,
- 4 the issue becomes a source coming in contact with
- 5 a receptor and the way in which the contrasts may
- 6 enter into the receptor. In this particular case,
- 7 the concern with inhalation, which is basically
- 8 breathing and the idea of breathing in air that
- 9 could be contaminated.
- 10 Q. And what was the health risk with
- 11 breathing in air that could be contaminated?
- 12 A. There were --
- 13 Q. As stated by the US EPA.
- A. Let's see here.
- 15 Q. Page 6 might be of help.
- A. Yeah. Well, the bottom line that
- 17 they were concerned with was the idea that asbestos
- 18 fibers could be breathed in and then present various
- 19 risks from exposure through the lungs.
- 20 Q. Okay. And I'd like to turn back to
- 21 Page 16 of your report. If you could, read into
- 22 the record the first sentence of the last paragraph.
- A. Beginning with "It is apparent"?
- Q. Correct.

- 1 A. "It is apparent that the primary
- 2 concern expressed by US EPA was buried ACM that
- 3 could either impact workers servicing utilities
- 4 or could reach the surface as a result of the
- 5 upward thrust of additional fragments or 'broken
- 6 scraps of asbestos'."
- 7 Q. Why is that significant?
- 8 A. The concern that EPA had expressed
- 9 was there was buried ACM that was present on the
- 10 site and that through various physical mechanisms,
- 11 that buried material could eventually work its way
- 12 to the surface where further discernments could
- 13 result in release of additional fibers exacerbating
- 14 the inhalation hazard.
- 15 Q. Let's turn to Page 6, which is
- 16 65-6 of the enforcement action memorandum, and
- am I correct there's a paragraph in here that's
- 18 about one, two, three, four down and it talks
- 19 about in frost susceptible areas. Do you see
- 20 that?
- 21 A. Yes.
- 22 Q. Is this paragraph stated numerous
- 23 times in this document?
- 24 A. It is.

- 1 Q. Okay. Can you please read that
- 2 into the record and then tell us what that means
- 3 to you?
- 4 A. "In frost susceptible areas like
- 5 Waukegan, stones and other large particles, such
- 6 as broken scraps of asbestos, tend to move
- 7 differentially upward through the soil with each
- 8 freeze/thaw cycle. Thus, ACM and/or asbestos
- 9 fibers currently covered with soil can over time
- 10 reach the soil surface and become readily
- 11 releasable through the air."
- 12 Q. And what is the freeze/thaw cycle?
- 13 A. Freeze/thaw is the physical mechanism
- 14 whereas frost depth penetrates into the soil on an
- 15 annual basis, solid fragments like rocks and stones
- 16 will actually with time creep their way to the
- 17 surface through that freeze/thaw cycle. Each time
- 18 it freezes, they come up a little bit. Then it
- 19 thaws out and freezes again. It comes up a little
- 20 bit eventually and it will be exposed at the
- 21 surface. So the idea is that there could be
- 22 asbestos within the subsurface. The concern would
- 23 be that over time, that material could work its
- 24 way to the surface.

Page 181 After issuing the enforcement 1 0. action memorandum, did US EPA require JM to do any 2 3 additional investigation? Α. Yes. 4 5 0. And what did they do? 6 Α. They required further evaluation of some of the utility corridors with respect to the evaluation of the proposed remedy that would involve 8 9 utility access. And when was that done? 10 Q. Ά. That would have been in the late 11 2000s. 12 13 Late 2000s meaning? 0. 14 Α. It was roughly 2010. 15 0. Well, the enforcement memorandum was 16 2012. 17 Α. Okay. So would 2015 make sense? 18 Q. 19 Α. It would have been right after the enforcement action memorandum. 20 21 0. I would like for you to turn to 22 Trial Exhibit 67, which I believe we already 23 admitted. It's Exhibit 67-1, Removal Action Work 24 Plan, Provision 4.

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Page 182 1 HEARING OFFICER HALLORAN: 2 for the record, Ms. Brice, none of them 3 have really been admitted, but we will take it all at once when the time comes. 4 5 MS. BRICE: Okay. HEARING OFFICER HALLORAN: 6 But. 7 they have all been stipulated to, the ones you've pointed out. 8 9 MS. BRICE: Yes. Sorry. Ι 10 apologize. 11 HEARING OFFICER HALLORAN: 12 apology needed. Exhibit what? 13 MS. BRICE: Exhibit 67. 14 HEARING OFFICER HALLORAN: Thank 15 you. BY MS. BRICE: 16 17 Mr. Doran, what is Exhibit 67? It's the current version of the 18 Removal Action Work Plan. 19 20 Q. And to your knowledge, is this 21 the version that currently applies? 22 I believe so with one amendment 23 that was required for it after it had been 24 submitted.

- 1 Q. Okay. And what was the one
- 2 amendment?
- 3 A. The amendment again had to do
- 4 with the additional investigation of one of
- 5 the utility corridors.
- 6 Q. And was that the Nicor line that
- 7 Mr. Ebihara was discussing?
- A. I believe so, yes.
- 9 Q. What is the current remedy for
- 10 Site 3 under the Removal Action Work Plan?
- 11 A. Currently, which is what I have
- 12 demonstrated here on this demonstrative, there
- 13 are several elements to the Removal Action Work
- 14 Plan that are being required, including the --
- in some cases relocation and abandonment of
- 16 several utilities.
- 17 The North Shore gas line
- 18 is to have a clean soil corridor completed around
- 19 it. There's approximately 900 cubic yards of
- 20 soil that's being excavated and removed from the
- 21 northeast corner of the site.
- The remainder of the site will
- 23 receive an engineered barrier involving basically
- 24 a vegetative soil cover. Of course, with that

- 1 will come certain environmental controls and
- 2 covenants and then the site has to be fenced.
- 3 Q. And what about the western portion
- 4 of Site 6?
- 5 A. In that particular case, there's
- 6 again relocation and abandonment of several of
- 7 the utilities and also some soil excavation
- 8 occurring along the western end of the site.
- 9 Q. Thank you. Let's go back to your
- 10 report and we're going to go to Page 11.
- 11 On Page 11, we are moving
- 12 to Opinion 3.2, "IDOT Construction Activities
- 13 Responsible For ACM Waste." Can you read that
- 14 bolded section into the record?
- 15 A. It is my opinion that IDOT is
- 16 responsible for the placement and dispersion
- 17 of ACM waste currently found at the site. IDOT
- 18 used, spread, buried, placed and disposed ACM
- 19 waste, including Transite pipe, throughout
- 20 Site 3 and portions of Site 6 during construction
- of the Greenwood Avenue ramp and expressway bypass
- 22 from 1971 to 1976. These construction activities
- 23 associated with the Amstutz Project resulted in
- 24 crushed Transite pipe and asbestos material being

- 1 spread across and buried at Site 3 and the western
- 2 end of Site 6. IDOT never removed the Transite
- 3 pipe and asbestos materials it spread across and
- 4 buried at the site."
- 5 Q. Is this still your opinion?
- A. Yes, it is.
- 7 Q. Before we discuss this in detail,
- 8 let's take a look at some of your figures and
- 9 visualize the sampling.
- 10 If we could, turn to Figure 2
- of this document, which is 06-25. Thank you.
- MS. BRICE: For the record,
- these have all been stipulated to, all
- the exhibits to Mr. Dorgan's report.
- 15 HEARING OFFICER HALLORAN: Thank
- 16 you.
- 17 BY MS. BRICE:
- 18 Q. Mr. Dorgan, what is Figure 2?
- 19 A. Figure 2 considered the analytical
- 20 data that had been collected as part of the
- 21 various investigations that had previously been
- 22 completed at the site and attempted to provide
- 23 a visual representation of where asbestos fibers
- 24 had been detected and samples that had been

- 1 collected as part of those investigations.
- 2 Q. Explain this to me because we have
- 3 been talking about Transite pipe and we have been
- 4 talking -- and now you're talking about asbestos
- 5 fibers. Can you please differentiate for me?
- 6 A. Yes. So the Transite pipe is
- 7 actually in a solid form. It does -- as was
- 8 testified to earlier, the Transite pipe does
- 9 contain asbestos in its fibrous form. When
- 10 the asbestos pipe breaks down or is crushed or
- 11 pulverized, it can give off asbestos fibers.
- This particular figure,
- 13 however, is not looking so much at the physical
- 14 material as much as when a soil sample was
- 15 collected and then subject to analysis, it's
- 16 looking at those samples where asbestos fibers
- 17 were identified in that soil sample matrix.
- 18 Q. And on here, we have delineated
- 19 Site 3, Site 6, Greenwood Avenue road/parking
- 20 lot. Are these all in the appropriate location
- 21 and accurately depicted where you believe they
- 22 were located at the time?
- 23 A. Yes, I believe so.
- 24 Q. There's some hatch areas up there

- 1 at the top. Could you explain what those are?
- 2 A. Yes. Those were areas that had
- 3 been intended to be excavated as part of the
- 4 Removal Action Work Plan.
- 5 Q. How big are asbestos fibers?
- 6 A. They can be microscopic up to thin --
- 7 very thin strands. They are just like they are
- 8 described, fiber.
- 9 Q. How deep are these asbestos fibers
- 10 that are being depicted on Figure 2?
- 11 A. Between the ground surface and
- 12 three feet below the ground surface.
- 13 Q. So what does that tell you about
- 14 this case?
- 15 A. That the fibers were largely
- 16 detected within close proximity of the ground
- 17 surface.
- 18 Q. And how do you believe the fibers
- 19 came to be located on Site 3 and Site 6?
- 20 A. I believe a contributing factor
- 21 certainly was a disturbance to the concrete
- 22 Transite pipe that had been present on the
- 23 parking lot. We acknowledge the possibility
- 24 of other sources for fiber, but the Transite

- 1 pipe represented the vast majority of the ACM
- 2 debris that was located on the site and we
- 3 know that it was disturbed from its original
- 4 form. So it certainly was a significant
- 5 contributor to the asbestos presence on the
- 6 property.
- 7 Q. Thank you. If you could, please
- 8 turn the page to Figure 3. What is this figure
- 9 detecting, Mr. Dorgan?
- 10 A. This particular figure took the
- 11 visual evaluation to the next step, which
- 12 was to look at where Transite pipe had been
- 13 identified in the various locations that
- 14 had been tested as part of the previous
- 15 investigations.
- 16 Q. And how is this different from
- 17 Figure 2?
- 18 A. Figure 2 again was only looking
- 19 at the laboratory analysis of samples that
- 20 were submitted whereas this was based upon
- 21 visual observations from the samples that were
- 22 collected in the field at the time the samples
- 23 were being collected.
- Q. And what do these locations tell

- 1 you with respect to their correlation with the
- 2 road and the embankment?
- 3 A. Well, as I indicated in my report,
- 4 I believe you can see a general alignment that
- 5 tracks with both the location and Detour Road A
- 6 and to a certain and large degree the alignment
- 7 with Greenwood Avenue and the embankment that
- 8 was constructed as part of the Amstutz project.
- 9 Q. Let's go back to that opinion
- 10 that IDOT is responsible for the placement and
- 11 dispersion of the ACM waste. Let's go to
- 12 Page 11 of your report.
- 13 You note here on the bottom
- of Page 11 that this opinion is supported by
- 15 multiple -- by the following -- sorry -- multiple
- 16 lines of evidence. Do you see that?
- 17 A. Yes.
- 18 Q. And what are your different lines
- 19 of evidence that you are referring to that support
- 20 this opinion?
- 21 A. Well, I started with what was
- 22 provided in the record and looked to see locations
- 23 where there were discussions about asbestos cement
- 24 pipe used on the property, what its purpose was

- 1 for, provided some basic background information
- 2 about the presence of asbestos in Transite pipe
- 3 and why it was there, relied upon the various
- 4 aerial photographs that were looked at that were
- 5 in the record in terms of the timing and pattern
- 6 of parking lot uses versus the construction
- 7 project.
- 8 We looked at the locations and
- 9 the order of construction of the detour roads
- 10 that transverse both Site 3 and Site 6. Of
- 11 course, we considered the technical specifications
- 12 for the project, the design plans, and some of
- 13 the expectations with respect to cut and fill
- 14 volumes.
- We certainly took into account
- 16 the standard specifications which we read into
- 17 the record previously in terms of how these
- 18 particular types of materials were intended to
- 19 be managed.
- 20 Q. Thank you. Let's talk about a
- 21 few of these in some more detail. You talked
- 22 about cut and fill material. How do you know
- 23 that IDOT used fill material on Sites 3 and 6?
- A. There's a couple of locations

- 1 where that's discussed in terms of projections
- 2 of fill volumes that were needed as part of
- 3 the project. Plus, there are engineering
- 4 drawings that were part of the technical
- 5 specifications which show the current conditions
- 6 and then the proposed conditions and then with
- 7 that, how much soil had to be removed from
- 8 underneath where the road was going to be located
- 9 to take out what is considered unsuitable material,
- 10 material that would have been a problem for
- 11 future construction in terms of building on top
- 12 of it.
- So there was an initial
- 14 excavation that had to take place to remove
- 15 the unsuitable materials. Then there was a
- 16 backfilling process that took place to raise
- 17 it back up to grade. Then there was an
- 18 additional filling process that would actually
- 19 create the embankment and bring the embankment
- 20 up to the design elevations that were called
- 21 for in the specifications.
- 22 Q. Thank you. And if you turn to
- 23 Page 12 of your report, which is Exhibit 16-6-15 --
- 24 excuse me -- second to the last paragraph, it

- 1 has a -- it talks about borrow excavation and
- 2 262,540 cubic yards. Can you explain this to
- 3 me and what the significance of that is?
- 4 A. Yeah. That was material that
- 5 would have been needed to basically raise the
- 6 Greenwood Avenue embankment and to provide
- 7 fill for those areas where soils had been
- 8 cut as part of the unsuitable material removal
- 9 process.
- 10 Q. Okay. Where did you get that? You
- 11 said on Shee5 5, Schedule of Quantities. Is this in
- 12 the engineering drawings?
- 13 A. That's correct.
- Q. Did the plan specify where this
- 15 borrow or fill material was supposed to come
- 16 from?
- 17 A. No.
- 18 Q. Okay. I'd like to have you turn,
- 19 if you would, to Exhibit 58.
- MS. BRICE: I believe there
- is an objection as to a portion of
- 22 Exhibit 60 that we can --
- 23 HEARING OFFICER HALLORAN: Wait.
- We're on Exhibit 58?

Page 193 1 MS. BRICE: We're on 58 -- I'm 2 sorry. Yes. We are on 58, correct. There 3 is no -- 58 is stipulated. 4 HEARING OFFICER HALLORAN: 5 Thank you. 6 BY MS. BRICE: 7 Q. Mr. Dorgan, have you seen Exhibit 58 8 before? 9 Α. Yes, I have. And what is this document? 10 Ο. 11 This is the document that when EPA began investigating this site, they would have 12 13 it sent to a number of parties seeking to provide 14 information what they knew concerning the site 15 conditions and their possible involvement in the 16 site conditions. 17 And who is this letter addressed to? 0. Α. 18 The secretary of the Illinois 19 Department of Transportation. 20 Q. And if you could, please turn to 21 Page 58-6. If you could, read that into the record 22 for me, please? 23 Α. The entire page. 24 0. No, no. I'm sorry. Question 10.

- 1 A. Question 10: "Describe all
- 2 arrangements for the transportation, movement
- 3 or placement of ACM that was in situ at area
- 4 of concern number three that the Illinois
- 5 Department of Transportation carried out in
- 6 the construction of F.A. Route 42 Section 8-HB
- 7 and 8-VB, particularly Bypass A and the
- 8 post-construction phase of this project."
- 9 Q. Thank you. And as part of your
- 10 expert report, you relied on IDOT's response
- 11 to this question; isn't that true?
- 12 A. Yes.
- Q. And what is your understanding of
- 14 IDOT's response to this question?
- 15 A. That there was an acknowledgement
- 16 that as part of their construction efforts, there
- 17 was Transite pipe buried on the site.
- 18 Q. Okay.
- MR. McGINLEY: Objection. It's
- hearsay, calls for speculation on the part
- of the witness.
- MS. BRICE: Sure. Hearsay, he's
- allowed to rely on his testimony and we
- 24 also moved -- they moved in limine to exclude

```
Page 195
 1
         this document and you ruled it was not --
 2
                   HEARING OFFICER HALLORAN:
                                               That
 3
         was the document regarding Duane Mapes?
                   MS. BRICE: Yes.
 5
                   MR. McGINLEY: And also for the
 6
         record, I'd note that it's more prejudicial
 7
         and probative. I mean, it really is --
 8
         it's double hearsay. It comes from -- it
 9
         was given by Duane Mapes after he was no
10
         longer in the employ of IDOT. I mean, he's
         not -- it's not a party admission.
11
12
                   HEARING OFFICER HALLORAN:
13
         it is.
                 I mean, it's under their rules, is
14
         it?
15
                   MS. BRICE: Yes, it is.
16
                   HEARING OFFICER HALLORAN:
17
         At the --
                   MS. BRICE: It's an admission of --
18
19
                   HEARING OFFICER HALLORAN: --- time
20
         he was a party opponent.
21
                   MS. BRICE: -- a party opponent
22
         adopting --
23
                   HEARING OFFICER HALLORAN:
                                               Secondly --
24
                   MR. McGINLEY:
                                  Not --
```

```
Page 196
 1
                   HEARING OFFICER HALLORAN:
2
         think -- I'm sorry?
 3
                   MR. McGINLEY: Not at the time that
         he made the statement.
 5
                   HEARING OFFICER HALLORAN:
                                               Well,
 6
         it -- as I said in my April 26th order,
 7
         which I still rely on, I mean, it's a matter
8
         of public record. I think I'm a prudent guy
9
         and I would rely on it in the course of serious
10
         business.
11
                            Yeah. I think they're
12
         trustworthy and material. I don't think
13
         the prejudice outweighs the probative value.
14
         So your objection is noted and overruled,
15
         but thank you for raising it again.
16
                   MR. McGINLEY: Sure.
                                          Thank you.
17
     BY MS. BRICE:
18
                   Mr. Dorgan, would you please turn
            Q.
19
     to Exhibit 60?
20
            Α.
                   Yes.
21
                   Could you please identify this
            0.
22
     document for me?
23
                   It's a correspondence dated
24
     November 27th of 2000, addressed to Mike Rafati
```

- 1 U.S. Environmental Protection Agency and it
- 2 provides IDOT's response to 106 E request that
- 3 they received.
- 4 Q. 104 E?
- 5 A. 104 E. Excuse me.
- 6 Q. Is this the document that you were
- 7 referencing a moment ago?
- 8 A. Yes.
- 9 Q. And would you please turn to
- 10 Page 60-4 and read into the record IDOT's response
- 11 on No. 10?
- 12 A. Response No. 10 reads, "J. Randall
- 13 Schick reviewed the documents in the possession
- 14 of the department and attached hereto and none
- 15 of them appear to discuss any arrangements for
- 16 ACM that was in situ at area concern number three.
- 17 The retired resident engineer, Duane Mapes, for
- 18 this construction project during a telephone with
- 19 J. Randall Schick, assistant chief counsel, in
- 20 October 2000, recalled dealing with asbestos pipe
- 21 during the project and burying some of it. As the
- 22 department does not have information about where
- 23 ACM was located at the start of the project and
- 24 where it is alleged to have been disposed, he was

- 1 unable to ask Mr. Mapes to provide more information.
- 2 The department has no other information responsive
- 3 to this question."
- 4 HEARING OFFICER HALLORAN: Which
- 5 exhibit is this, Ms. Brice?
- 6 MS. BRICE: Sixty.
- 7 HEARING OFFICER HALLORAN: Thank
- 8 you.
- 9 BY MS. BRICE:
- 10 Q. What is your understanding of this
- 11 reference to area concern number three?
- 12 A. I had understood that this would be
- 13 referencing to Site 3.
- 14 Q. Thank you. Let's go back to your
- 15 figures in your expert report. Let's take a look
- 16 at Figure 4, please, which is 06-27. I believe
- 17 that I mentioned to counsel that you had made a
- 18 correction to this document and that we had a copy
- 19 of it and we would then have you explain that in
- 20 the record.
- 21 A. Would you like me to explain the
- 22 figure first or the revision?
- 23 Q. Please explain the figure significance
- 24 and then the revision.

- 1 A. The figure was prepared again.
- 2 Part of the effort here was to try and understand
- 3 where these materials are located. This particular
- 4 figure, when it was generated, looked at the ACM
- 5 that was noted in subsurface logs and it also
- 6 captured the results of a set of the analysis
- 7 that had been done on samples collected during
- 8 the investigation and then creates a cross-section
- 9 that runs the length of Detour Road A to provide
- 10 a visual representation of where the ACM is in
- 11 respect to various conditions, both pre-existing,
- 12 existing and then the elevation that the road
- 13 had been proposed to be at as well and then
- 14 the final piece of information was the fill
- depths that were encountered as part of the
- 16 investigatory work.
- 17 Q. Okay. So bottom line, what does
- 18 this document show you?
- 19 A. It basically shows again as
- 20 represented in one of the earlier figures that
- 21 the ACM that's been depicted both in lab analyses
- 22 and as in its own physical form is mainly at the
- 23 ground service.
- Q. Okay. But is it above the level

- 1 of the fill that IDOT --
- 2 A. Yes, yes.
- Q. -- placed?
- A. It's above the fill depths and at
- 5 near and close to the existing ground surface.
- 6 Q. And how did you know that?
- 7 A. The design drawings that were
- 8 provided for the Amstutz project in some cases
- 9 show the proposed depth of excavation that was
- 10 needed in order to remove unsuitable materials.
- 11 Then in other locations, it's predicated on
- 12 interpretation of the boring logs that were
- 13 generated through the investigation work.
- 14 Q. Okay. So based upon this figure,
- 15 what -- are you saying that the asbestos had
- 16 been detected along the detour road is within
- 17 the fill material placed by IDOT?
- 18 A. That's correct.
- 19 Q. Okay. Can you please explain your
- 20 correction to this figure?
- 21 A. Yes. We basically made two fairly
- 22 minor changes. One, we had not represented in
- 23 one of the locations where Transite had been
- 24 encountered. HYD-05 appears right in the very

Page 201 middle of the cross-section and that lines up 1 2 with the location on the plan view itself. 3 Then the second modification 4 was to extend across the depth of the fill material 5 based upon further evaluation of the engineering 6 record. 7 You can see that this original 8 fill line on the original figure stopped be here 9 (indicating). It's been extended all the way 10 through the profile in this revision. 11 HEARING OFFICER HALLORAN: 12 exhibit number is this, this revision? 13 Is it six? 14 MS. BRICE: We haven't -- we 15 just brought this today as a demonstrative 16 to fix Exhibit 06-27. So 06-27 was in 17 the record, but we wanted to lay the 18 foundation for it first to see if there 19 was an objection to amending it. 20 Well, there is MR. McGINLEY: 21 an objection to amending it because, I 22 mean, Mr. Dorgan had produced the original 23 version of this figure over 11 months --24 more than 11 months ago. It was back in

	Page 202
1	March of last year.
2	Here we are 14 months later
3	and he is now providing a revision to this
4	document and wants to testify about it.
5	The revisions being provided
6	today, I think that's extraordinarily
7	prejudicial. I mean, if Mr. Dorgan is
8	going to be the expert and speak in any
9	sort of authoritative fashion, I think
10	it's incumbent upon him to have done the
11	work in the initial going and not to be
12	springing something that's new and a
13	revision to his opinion however he may
14	want to characterize it as being minor
15	on the very day of the hearing in this
16	matter.
17	HEARING OFFICER HALLORAN: Okay.
18	Ms. Brice?
19	MS. BRICE: Sure. Can I ask the
20	witness a couple of questions?
21	HEARING OFFICER HALLORAN: You may.
22	BY MS. BRICE:
23	Q. What was the reason why you wanted
24	to make the revision?

	Page 203
1	A. Just to accurately represent the
2	actual findings of the investigation.
3	Q. All right. And does this figure
4	change your opinion in any way from the opinion
5	that you were relying on in the original version
6	6-27?
7	A. Not at all.
8	Q. So there's nothing about this new
9	figure that alters your opinion; is that correct?
10	A. That's correct.
11	MS. BRICE: So my response would
12	be this one is more accurate. It's the
13	only way it's being the only reason
14	it's being produced is in an effort to
15	be accurate, but it doesn't change the
16	opinions.
17	So I would think it would
18	be nice to have the expert be able to
19	correct something for accuracy purposes.
20	HEARING OFFICER HALLORAN: All
21	right. Mr. McGinley, now is it prejudicial
22	to you?
23	MR. McGINLEY: Well, I mean, again
24	the original source document, the original

	Page 204
1	Figure 4 was produced to us 14 months ago.
2	This is a new version. We haven't had a
3	chance to, you know, think about it, look
4	at it. We haven't had a chance to discuss
5	it with our expert.
6	I mean, it seems prejudicial
7	on its face to be allowed to have Mr. Dorgan
8	go forth with this and when, you know, he
9	had certainly if he wanted to be accurate
10	about this, he's had 14 months to do that.
11	It doesn't have to be the day of the hearing.
12	HEARING OFFICER HALLORAN: Well,
13	I mean, both sides are kind of guilty of
14	that. I mean, IDOT sent something in
15	technically the day before the hearing,
16	Exhibits 162, 163 and 167. What's good
17	for the goose is good for the gander. I
18	don't mean to
19	MR. McGINLEY: The difference,
20	of course, with respect to 162 and 163
21	is that those are again, those are
22	documents that are referenced in the
23	document that
24	HEARING OFFICER HALLORAN: But

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```
Page 205
 1
         they shouldn't have to dig for them, you
 2
         know?
 3
                                   Well, they --
                   MR. McGINLEY:
         again, I would have to imagine if it's
 4
         your decision to let this in go forth
 5
         with it, then I would assume it applies
 6
 7
         the three exhibits that Johns Manville
         has objected to as well.
 8
 9
                    HEARING OFFICER HALLORAN:
                                                Well,
10
         I'll address that when the time comes.
11
         think I'm going to allow it over objection.
12
         So you may proceed.
13
                   MS. BRICE:
                                Thank you.
14
     BY MS. BRICE:
15
                    I would like to turn to Figure 5,
            0.
16
     please, on the next page.
17
                        Mr. Dorgan, can you please explain
18
     to us what this is?
19
                    This is very similar to Figure 4,
            Α.
20
     except in this particular instance, the plan and
21
     profile is aligning with Greenwood Avenue and is
22
     representing the embankment work that was
23
     undertaken.
24
                        It also shows the unsuitable
```

- 1 materials that had been removed as part of
- 2 the design specifications for the project and
- 3 represents the location from the samples that
- 4 had been collected as to where ACM was located
- 5 in both visual and via certain lab analysis.
- Again, it's demonstrating
- 7 that the materials that were identified are
- 8 located within the fill placed as part of the
- 9 Greenwood construction project.
- 10 Q. Thank you. I have handed you a
- 11 board demonstrative that is part of Exhibit 21
- 12 and this is -- can you explain to me what that
- 13 is?
- 14 A. This is -- these are taken out of
- 15 the specifications -- the design specifications
- 16 for the project and this was showing what the
- 17 proposed final grade lines would be and it was
- 18 showing the subsurface conditions --
- 19 MR. McGINLEY: Excuse me. I
- 20 object. Can we just know what exhibit
- 21 he is referring?
- 22 MS. BRICE: It's 21.
- MR. McGINLEY: What page?
- 24 HEARING OFFICER HALLORAN: And,

	Page 207
1	you know, for the record, before we leave
2	this hearing, we are going to the number
3	of exhibits is unwielding and they are not
4	clearly distinguished between one and the
5	other. You have like exhibits with 63 and
6	42 subparts. I think I'm just pulling a
7	number out, but I think we are going to
8	go through it and take a half a day to
9	figure out what all of these exhibits are
10	and all the numbers because yeah. I
11	just look at these exhibits here and today,
12	I get in and they're all kind of subparts.
13	I'm not privy to that.
14	MS. BRICE: Here, we have it
15	here.
16	HEARING OFFICER HALLORAN: Thank
17	you.
18	MS. O'LAUGHLIN: Thank you.
19	HEARING OFFICER HALLORAN: I mean,
20	do you understand where I'm coming from?
21	MS. BRICE: Sure.
22	HEARING OFFICER HALLORAN: It's
23	really difficult for me to follow it.
24	MS. BRICE: Understood. We do

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	Page 208
1	apologize. As you know, there was discovery
2	going on at the last minute. So it got a
3	little crazy.
4	HEARING OFFICER HALLORAN: You
5	can proceed.
6	MS. BRICE: Thank you. I'm just
7	trying to be exact with the Bates numbers
8	for you.
9	MR. McGINLEY: Mr. Halloran,
10	can we get from counsel an explanation
11	as to how this differs from what they
12	filed because, I mean, we haven't seen
13	what the subparts are for I mean, is
14	this the final, ultimate exhibit list?
15	We're seeing this for the first time.
16	HEARING OFFICER HALLORAN: One
17	at a time. We're still on the record or
18	I would like for it to be on the record.
19	Go ahead, Mr. McGinley.
20	MR. McGINLEY: I'm just asking
21	I mean
22	MS. BRICE: I can explain.
23	MR. McGINLEY: Well, I mean, I
24	just want to point out for the record,
1	

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Page 209 1 I mean, we have various sub exhibits that 2 are listed in here. This is completely different from -- I mean, it was numbers 3 without subparts to it. Now, we have an 5 exhibit list that we're seeing for the 6 first time that has numbers with subparts. 7 I mean, this is --8 HEARING OFFICER HALLORAN: Well, 9 that's what I brought out earlier. 10 MR. McGINLEY: Yes. 11 HEARING OFFICER HALLORAN: 12 having a really hard time figuring out what this is. 13 14 Honestly, I had MS. BRICE: Sure. 15 thought that those subparts of this -- this 16 was put together at the last minute. documents are identified within the numbers. 17 18 Subparts were in an effort to try and make 19 it more clear because sometimes the documents 20 had Bates ranges of, you know, 20 different 21 So we were trying to do subparts to pages. 22 make it clearer. There's nothing new on that 23 exhibit list that was not on the original 24 exhibit list.

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	Page 210
1	MS. CAISMAN: So I'll clarify.
2	As an example, Exhibit 3 was on the list.
3	We filed it as IDOT's discovery responses.
4	Obviously, we're there are many of those.
5	So since there are so many of those, so
6	just broke those out A, B, C by individual
7	documents.
8	MS. O'LAUGHLIN: And those are
9	broken out in the binders as well?
10	MS. BRICE: Yes. You have the
11	binders the way they are broken out.
12	MS. CAISMAN: That's really the
13	only difference between the two lists.
14	HEARING OFFICER HALLORAN: And
15	Ms. Brice, is there a table of contents
16	for all of these binders? Is that what
17	this is?
18	MS. BRICE: Yes, yes.
19	HEARING OFFICER HALLORAN: All
20	right. Thank you. I just thought it was
21	me having a difficult time, but I mean,
22	if everybody is fine with it now, I mean,
23	if we need to address it later on, which
24	I think we will

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		Page 211
	1	MS. O'LAUGHLIN: Yeah. I mean,
	2	we will make our objections. We'll reserve
	3	it. Obviously, we need to look at it and
	4	do our best to sort this all through.
	5	HEARING OFFICER HALLORAN: Well,
	6	I do note the Bates stamps are down here.
	7	MS. O'LAUGHLIN: Yeah. Well, we
	8	haven't seen this before. Okay? We just
	9	saw this just now.
	10	HEARING OFFICER HALLORAN: This
	11	one sheet?
	12	MS. O'LAUGHLIN: Yeah, this
	13	collection of
	14	HEARING OFFICER HALLORAN: On
	15	May 17th?
	16	MS. O'LAUGHLIN: Yeah. This is
	17	the first time we were just tendered this.
	18	HEARING OFFICER HALLORAN: So was
	19	I. I'm talking about May 17th.
	20	MS. O'LAUGHLIN: Right. No. The
	21	exhibit list previously filed, we have that,
	22	yes.
	23	HEARING OFFICER HALLORAN: Right.
	24	And behind that in parens, they have Bates
1		

```
Page 212
1
         stamps.
2
                   MS. O'LAUGHLIN:
                                     Right.
 3
                   HEARING OFFICER HALLORAN:
                                               8137
         to 8138 and I think those correlate to the
 5
         subsections here.
 6
                   MS. O'LAUGHLIN:
                                     I hope so.
7
                   HEARING OFFICER HALLORAN:
8
         do it.
9
                   MS. BRICE:
                               That was the intent.
         There's no exhibits on there.
10
                                        There's
11
         nothing we're trying to hide. We were
12
         trying to simplify it at the last minute.
13
                   HEARING OFFICER HALLORAN:
                                              Oh,
14
              Yeah.
                     I'm not insinuating that. Fair
         no.
15
         enough. We can proceed. Again, we will
16
         take a look later on in the next day
17
         or two and go through this to make sure
18
         we're all onboard.
19
                   MS. BRICE: Okay.
20
                   HEARING OFFICER HALLORAN:
                                               Thank
21
               Sorry to interrupt.
         you.
22
                   MS. BRICE: No problem.
23
     BY MS. BRICE:
24
                   So Mr. Dorgan, this document that
```

- 1 you are looking at is JM 001157, which is 21 in
- 2 your binder, A-26.
- Mr. Dorgan, did you use this
- 4 document to create Figure 5?
- 5 A. Yes.
- 6 Q. How so, please?
- 7 A. We used it to replicate the profile
- 8 and the subsurface conditions that were identified
- 9 on their drawing and in particular to demonstrate
- 10 the materials that were deemed to be unsuitable
- 11 that were required to be removed as part of the
- 12 project and then backfilled.
- 13 Q. Okay. Thank you. So when you
- 14 look at Exhibit 5 -- Figure 5 -- I'm sorry --
- and you go down to the level that's 585 and
- 16 you see peat soft written there, what is this
- depicting and how does it relate to 21A-26?
- 18 A. That's matching up with the
- 19 unsuitable fill or -- excuse me -- unsuitable
- 20 materials that's been identified on IDOT's
- 21 engineering drawings that had to be removed.
- Q. Okay. So the point is IDOT had
- 23 to dig down to that level in order to install
- 24 the embankment?

- 1 A. Yes.
- 2 Q. What is your overall opinion about
- 3 this document, Figure 5?
- 4 A. That when you look at the presence
- 5 of the ACM that was identified during the
- 6 investigation for those borings done along that
- 7 part of Greenwood Avenue that the ACM being
- 8 identified in the fill material placed by IDOT
- 9 as part of the project.
- 10 Q. I would like to draw your attention
- 11 to the top of Figure 5 and there is a -- right
- 12 underneath the road, there is something LFR
- 13 excavation. Do you see that?
- 14 A. I do.
- 15 Q. What is that?
- 16 A. There was a point in 2008 when
- 17 there was some work being done for ComEd within
- 18 the Greenwood Avenue right-of-way and that
- 19 excavation was advanced at that location as
- 20 part of that effort and during that excavation,
- 21 Transite pipe was encountered in the excavation.
- 22 Q. And what was the conclusion?
- 23 A. That the Transite pipe and the
- 24 material that it was located in were part of

- 1 the material placed for the embankment construction
- 2 of the Greenwood Avenue overpass.
- 3 Q. Does Figure 5 confirm that?
- 4 A. Yes.
- 5 Q. Now, I would like to go to Figure 2
- of your rebuttal report, please. We have seen
- 7 a lot of figures that look similar. How is this
- 8 one different from the ones we've just looked at?
- 9 A. The previous one we were looking at,
- 10 any concerns of ACM debris -- visual ACM. This
- one took it a step further and broke it down to
- 12 just those locations where Transite pipe was
- described by the sampler as being present in the
- 14 samples being collected.
- 15 Q. And does this figure in your mind
- 16 actively depict where those sample locations were
- 17 detected -- where the ACM was detected in the
- 18 sample located?
- 19 A. Where the Transite pipe was detected
- 20 in the sampling that was done, yes.
- 21 O. Thank you. Pardon me. How does this
- 22 document impact your opinion?
- 23 A. Consistent with my previous
- 24 observations, I believe it generally shows the

```
Page 216
     alignment between buried Transite pipe and the
 1
     Detour Road A and Greenwood Avenue construction
 2
 3
     efforts.
                   If we could, please go to Exhibit 84,
 4
            Q.
 5
     please.
 6
                   Do I have 84?
 7
            0.
                   I don't know. You should, but if
     you don't I will bring it to you or you can look
8
 9
     up on the screen. I think you will recognize
10
     this.
11
                   MR. McGINLEY:
                                   No.
                                        We don't
12
         have Exhibit 84 in our binders. Sorry.
13
         Just for the record, our exhibits end
         with --
14
15
                   HEARING OFFICER HALLORAN:
                                                So
16
         Mr. McGinley, for the record, your exhibits --
17
                   MS. O'LAUGHLIN:
                                     Wait, wait.
18
                   MR. McGINLEY: In all of the
19
         boxes, we missed one.
20
                   HEARING OFFICER HALLORAN:
                                                Thank
21
         you.
     BY MS. BRICE:
23
                   Mr. Dorgan, can you please identify
24
     Exhibit 84 for us?
```

- 1 A. Yes. This is a cross-section that
- 2 was created that looks at two sections, A to A
- 3 prime, B to B prime, which run parallel with and
- 4 immediately south of Greenwood Avenue through the
- 5 embankment area.
- 6 Q. And could you please go up to the
- 7 screen for the people in the room, point out the
- 8 area you are talking about?
- 9 A. The two cross-sections run along
- 10 the north side of Site 3. The one that transects
- 11 A to A prime runs along the Greenwood Avenue road
- 12 from west to east from the embankment down to the
- 13 terminus end where Detour Road A and Greenwood
- 14 Avenue intersect.
- The second cross-section
- 16 B to B prime runs along and parallel with the
- 17 north boundary of Site 3 immediately to its
- 18 south and again runs west to east starting near
- 19 the western edge of Site 3 again along and through
- 20 Detour Road A and ends slightly east of Detour
- 21 Road A immediately south of the intersection of
- 22 Greenwood Avenue and Detour Road A.
- 23 Q. Thank you. And if you could then
- 24 go down slightly to cross-section A-A and then

- 1 there's sort of a dotted line at the bottom there,
- 2 what is that dotted line?
- 3 A. This dotted line is taking the
- 4 elevation from the IDOT design drawings showing
- 5 the depth of unsuitable material removal that
- 6 was needed as part of embankment construction
- 7 effort.
- Q. Okay. So what are you showing above
- 9 that unsuitable material level?
- 10 A. Basically, everything above that
- 11 would have been material that would have been
- 12 brought in as part of the construction effort
- 13 after the unsuitable materials were removed.
- Q. Okay. And what are you depicting
- 15 in that drawing?
- 16 A. This is showing -- as keyed into
- 17 the key, this is looking at the various types of
- 18 asbestos materials that were identified during
- 19 the investigations and within the specific borings
- 20 that were advanced through that film material as
- 21 part of the characterization of the site.
- 22 Q. Okay. And what are you seeing there?
- 23 A. I'm seeing different described
- 24 types of asbestos material located throughout

- 1 the fill materials that are in that embankment.
- 2 Q. Such as? What are the different
- 3 types of asbestos-containing materials depicted
- 4 on your figure?
- 5 A. You have asbestos sludges that
- 6 were identified, you have Transite pipe that
- 7 was identified and other asbestos debris that
- 8 was located in those samples.
- 9 Q. And are those all depicted on this
- 10 figure, all of the different types of asbestos
- 11 that were depicted in each of those borings
- 12 represented on Figure 5?
- 13 A. Yes.
- 14 Q. If you could, please turn to the
- 15 page or actually the next page, please.
- 16 A. Okay.
- 17 Q. And this is Figure No. 2 and this
- is obviously very similar, but can you explain
- 19 to us what you're showing here and why -- how
- 20 this is different from the previous figure?
- 21 A. Again, these are a series of
- 22 cross-sections. Rather than running parallel
- 23 with the Greenwood road and the Site 3 boundary,
- 24 these actually intersect and run perpendicular

- 1 to those previous cross-sections.
- 2 As you can see from -- an
- 3 example is C to C prime, this runs from just
- 4 south of the center line of Greenwood Avenue
- 5 through the embankment to C prime and this
- 6 corresponding cross-section, this is actually
- 7 here corresponding to that. That is represented
- 8 on the cross-section itself. So you can see
- 9 there's one, two, three, four, five, six, seven
- 10 cross-sections that were created.
- 11 Q. Is there any asbestos-containing
- 12 material found below the line that you have
- 13 depicted on here as base elevation of fill
- 14 material?
- 15 A. No.
- 16 Q. And so what does this document
- 17 tell you?
- 18 A. Again, it demonstrates that of
- 19 the asbestos materials that are located in this
- 20 area of the site, the materials are located
- 21 within the IDOT fill material above the limits
- 22 where the excavation occurred.
- 23 Q. And have you depicted on this
- 24 figure every piece of ACM that was detected

- 1 in those borings that are along these two
- 2 stretches?
- 3 A. Yes.
- 4 Q. Now, if you were to look at this
- 5 document in 3D -- I'm sorry. That's not a good
- 6 question.
- 7 If you were to look in 3D at
- 8 this embankment, what would you see? How would
- 9 you describe that? It's awfully hard to see in
- 10 this sort of 2D dimension. Is there a better
- 11 way to describe it?
- 12 A. Oh, I think what you would find is
- 13 that within the embankment materials, you're
- 14 going to find occurrences of different types
- 15 of asbestos materials at different locations
- 16 within that embankment.
- 17 Q. Is there any evidence in the
- 18 record that JM buried this non-Transite ACM on
- 19 top of -- on Site 3 or Site 6?
- 20 A. Not that I'm aware of.
- 21 Q. Can you please go to Exhibit 57?
- 22 Thank you.
- 23 A. Exhibit 57?
- Q. Yes. It is the ELM report. We're

- 1 bringing it up to you in a moment.
- MS. BRICE: May I approach?
- 3 HEARING OFFICER HALLORAN: You
- 4 may.
- 5 BY MS. BRICE:
- 6 Q. Can you turn to Figure 14 on that
- 7 document and let us now for the record what the
- 8 actual page number is, please? Oh, it's at
- 9 JM 000564, Exhibit 57-535.
- 10 Have you seen this document
- 11 before?
- 12 A. I have.
- 13 Q. And what is this depicting?
- 14 A. This is a representation that
- 15 ELM included in their report of locations
- 16 where ACM was located at the ground surface
- 17 when they did a visual reconnaissance of the
- 18 property.
- 19 Q. And did you discuss this in your
- 20 expert report?
- 21 A. I did.
- Q. What was your conclusion?
- 23 A. That there were -- obviously, there
- 24 was various types of ACM encountered across the

- 1 site. When I looked at their detailed sheets --
- 2 worksheets where they tabulated the materials
- 3 found, the overwhelming majority was Transite pipe
- 4 fragments.
- 5 Q. And did you have an occasion to
- 6 try and compare this to your figures that you
- 7 had put together to see how this matched up
- 8 with the location of the roadway and the site?
- 9 A. We did.
- 10 Q. What did you discover?
- 11. A. We found that again similar to the
- 12 results of the subsequent investigations that were
- 13 presented that there was a strong correlation
- 14 of Transite pipe located aligned with Greenwood
- 15 Avenue and the Detour Road A.
- 16 Q. Thank you. I would like to turn
- 17 to Page 6 of your rebuttal report. Actually, I
- 18 apologize, 16-5.
- 19 Here, you are talking about
- 20 the standard specifications that we reviewed
- 21 earlier and you say that they encourage the use
- 22 of materials found on the project site, including
- 23 concrete pipe, and indicate that such concrete
- 24 pipe shall not be wasted and can be buried in

- 1 embankments, within the right-of-way or outside
- 2 the rights-of-way with permission of the resident
- 3 engineer and you're citing to Section 202.03,
- 4 correct?
- 5 A. That's correct.
- 6 Q. And is that language contained in
- 7 the specifications applicable to this project?
- 8 A. Yes, it is.
- 9 Q. Let's go to the specifications for a
- 10 moment. That is 19, please. We already discussed
- 11 some aspects of this previously. Mr. Gobelman
- 12 testified, did he not, that concrete Transite pipe
- 13 would be treated as an obstruction under these
- 14 specifications; is that correct?
- 15 A. Yes.
- Q. Do you agree with him?
- 17 A. Yes.
- 18 Q. How are obstructions handled under
- 19 these specifications?
- 20 A. They are encouraged to be used on
- 21 the site and treated as a source of fill material
- 22 or otherwise as an opportunity to use the materials
- 23 within fill material if they are processed to a
- 24 certain dimension that wouldn't compromise the

- 1 structural integrity of the fill.
- 2 Q. Now, we discussed a moment ago the
- 3 concept of not wasting material. Can you look at
- 4 Section 202.04, please? Can you read that first
- 5 part into the record, "Excavated Materials"?
- 6 A. At 202.04?
- 7 Q. Correct.
- 8 A. "Grading the Roadway, Intersection
- 9 and Entrances," is the title. It says, "Excavated
- 10 materials that are suitable shall be used in the
- 11 construction of the roadway as far as practicable
- 12 and no such materials shall be wasted without
- 13 permission of the engineer."
- 14 Q. Okay. I would like to turn you
- 15 back again to 202.03 and look one second, if
- 16 you could, and read into the record the provision
- 17 about surplus excavated material. It is the
- 18 second full paragraph. If you could, read the
- 19 first sentence, please.
- 20 A. "Surplus excavated material,
- 21 including excavated material from sewer trenches,
- 22 catch basins or other underground construction,
- 23 shall be used to widen embankments, flatten slopes
- 24 or be disposed of otherwise within the right-of-way

- 1 as the engineer may direct."
- 2 Q. And can you read the next two
- 3 sentences, please?
- A. "It shall in no case be deposited
- 5 at an elevation higher than that of the adjacent
- 6 roadway without permission from the engineer. If
- 7 it cannot be used or disposed of within the limits
- 8 of the right-of-way, it shall be disposed of by
- 9 the contractor at his expense outside the limits
- 10 of the right-of-way.
- 11 Q. Okay. What is that telling you?
- 12 A. It suggests to me that there's a
- 13 strong economic driver on the contractor's part
- 14 to be sure that any of these types of materials
- 15 that are encountered on the site get used in a
- 16 way that avoids having to haul them from the '
- 17 site.
- 18 Q. And what happens if he has to remove
- 19 it?
- 20 A. It pays for it.
- Q. I'm sorry?
- A. He pays for it.
- Q. To close the loop here on this
- 24 opinion on causation, did you consider the

- 1 possibility that JM bury the ACM found or Sites
- 2 3 and 6?
- 3 A. Yes.
- 4 Q. And how did you exclude that?
- 5 A. I felt that the preponderance of
- 6 the evidence in terms of the record, the
- 7 investigation work that had been done, what was
- 8 known and understood about the parking lot, that
- 9 what we were finding predominantly was crushed
- 10 and buried Transite pipe and there was nothing
- 11 else in the record that suggested that there was
- 12 another source of that Transite pipe than the
- 13 parking bumpers that had been used on the
- 14 parking lot.
- 15 Q. Thank you. I'd like to turn to
- 16 Page 15 of your expert report. We're going to
- move onto another opinion. This is on 6-18,
- 18 for the record.
- 19 You mentioned this earlier,
- 20 but why don't you just read the bolded line
- 21 into the record, please, the one that starts
- 22 "it is my opinion."
- 23 A. "It is my opinion that in the
- 24 absence of the buried and dispersed Transite

- 1 pipe on the site, it is unlikely that any response
- 2 action would have been necessary at the site
- 3 other than surface ACM removal efforts."
- 4 Q. And can you please explain that to
- 5 us?
- A. Well, as I was reviewing the record,
- 7 what I found fairly consistently was that EPA,
- 8 starting with their requested modifications to
- 9 the EECA and then reinforced with the issue of
- 10 their enforcement action memorandum references
- 11 to the freeze/thaw cycle and concerns with scraps
- 12 of asbestos waste through that freeze/thaw cycle.
- Even though they were buried
- 14 at the time, there was the potential that they
- 15 could become exposed at the ground surface at
- 16 a later date. Once exposed at the ground surface,
- 17 they then could be subject to further degradation
- 18 resulting in release of additional asbestos fibers
- 19 and that was very specifically added to the EECA
- 20 and then it was very specifically referenced in
- 21 the enforcement action memorandum.
- 22 I believe that was their
- 23 primary concern with conditions that existed at
- 24 the site. As I indicated earlier that while

- 1 there were some limited presence of other ACM-type
- 2 materials, the vast majority of what was identified
- 3 was the crushed Transite pipe.
- 4 So again, I believe that
- 5 their concern with Transite pipe having the
- 6 potential of working its way to the ground surface
- 7 over some extended period of time drove the type of
- 8 remedy that we ended up with.
- 9 Q. Thank you. I'd like to turn to
- 10 that demonstrative you have to your right entitled,
- 11 "Remedial Scope and Cost Analysis Comparisons."
- 12 You had an opinion in your original expert report
- on this topic; isn't that correct?
- 14 A. Yes.
- Okay. And what is this depicting?
- 16 A. Well, what I have here are a
- 17 comparison of the -- for Site 3 the EECA
- 18 Revision 4, which is what had been proposed, and
- 19 then what we ended up with in terms of the scope
- 20 of what the EECA Version 4, Alternate 2 would have
- 21 looked like for Site 3 versus where we're at
- 22 currently with the Removal Action Work Plan.
- 23 As you can see then, I have
- 24 tabulated the costs for each. Under the estimate

- 1 that had been provided in the EECA for Alternate 2
- 2 for Site 3, I suggested a range of costs between
- 3 \$595,000 and \$630,000 and the current Removal
- 4 Action Work Plan estimate is running at just over
- 5 \$1.9 million and then, of course, we have some
- 6 O & M costs as well of roughly \$140,000.
- 7 Q. And that's for Site 3, correct?
- 8 A. That's for Site 3.
- 9 Q. Okay. And what are you basing these
- 10 numbers on? We can just quickly -- I'm trying to
- 11 go fast here. Exhibit 71 in your book is a January
- 12 25, 2016, letter to you from Mr. Ebihara, correct,
- 13 Exhibit 71-1?
- A. Yes, that's correct.
- 15 Q. Is this the basis for your cost
- 16 projections?
- 17 A. Yes. This was an update to the
- 18 cost projections that had been provided as the
- 19 scope continued to be refined for the Removal
- 20 Action Work Plan.
- 21 Q. Okay. And these cost projections
- 22 are lower, are they not, than the ones that were
- 23 in your original report?
- A. Yes, they are.

- 1 Q. Okay. So these are based upon new,
- 2 more accurate numbers, in your opinion?
- A. That's correct.
- 4 Q. And you used Exhibit 71 to create
- 5 your demonstrative; is that correct?
- 6 A. For the Site 3 Removal Action Work
- 7 Plan, yes.
- Q. Can you now explain to us what you
- 9 have on your demonstrative with respect to Site 6?
- 10 A. Yes. Site 6, in my original expert
- 11 report, I had suggested the -- as I just mentioned
- 12 that, in the absence of the buried Transite pipe
- in section -- on Site 6 that I wasn't -- I was
- 14 of the opinion that it was unlikely we would
- 15 have done anything there.
- So from that perspective,
- 17 the remedy cost would have been at zero. I did
- 18 take a more conservative approach in my expert
- 19 report and at least look at the alternate that
- 20 was being provided for under the EECA Revision 4
- 21 for comparative purposes, but at the end of the
- 22 day, my opinion had been that we would not have
- 23 been doing anything.
- 24 By contrast, we're now at

- 1 Version 4 of the Removal Action Work Plan and
- 2 for Site 6, the current estimate based upon
- 3 the information that was provided in
- 4 Mr. Ebihara's updated cost projections is that
- 5 the construction cost on Site 6 will be a range
- 6 with an upper bound number of somewhere around
- 7 \$787,000.
- 8 Q. And did the embankment on Site 6
- 9 exist before 1970?
- 10 A. No.
- 11 Q. Did the detour road on Site 3 exist
- 12 before 1970?
- 13 A. No.
- 14 Q. And when you're talking about
- 15 these costs on Site 6, you're talking about
- 16 the west end of Site 6; is that correct?
- 17 A. That's correct.
- 18 O. And are the -- is there a breakdown
- 19 of these costs contained in Exhibit No. 71, a
- 20 breakdown of some sort of the tasks involved?
- 21 A. Yes, yes. As they were working
- 22 with contractors and obtaining contractor estimates
- 23 and applying knowledge of work that had already
- 24 been completed, they relied upon that to further

- 1 refine their estimate.
- 2 Q. I'd like to turn -- and I'm almost
- 3 done -- to your opinion in Section 3.4, which
- 4 is at Exhibit 6-22. Can you please read the last
- 5 paragraph of this opinion into the record?
- 6 A. "Based upon my experience in the
- 7 foregoing, it is my opinion that IEPA would more
- 8 likely than not view IDOT's conduct during the
- 9 Amstutz project involving asbestos as violating
- 10 Section 21 of the Act. We believe that a client
- 11 engaged in similar activities would be subject
- 12 to potential enforcement action."
- 13 Q. What is this opinion based upon?
- A. Primarily on what I have seen IEPA
- do in other circumstances of a similar nature.
- 16 Q. Thank you. And if you go up to the
- 17 second paragraph, you're talking about it's your
- 18 opinion that the regulators would treat the ACM
- 19 material as discarded material that would qualify
- 20 as waste for the definition under the Environmental
- 21 Protection Act; is that correct?
- 22 A. That's correct.
- Q. What is that opinion based upon?
- A. Again, my experience with responding

Page 234 to violations where Section 21 was leveraged by 1 2 the IEPA for similar circumstances. 3 You also say here that Site 3 would 4 not be landfill under Illinois law. Why not? 5 It doesn't have a permit. 6 Q. To your knowledge, does IDOT have 7 a permit at all with respect to Site 3 or Site 6? 8 Α. Not that I'm aware. 9 Q. Does anyone have a permit from IEPA 10 with respect to Sites 3 or 6? 11 Α. Not at that time. 12 MS. BRICE: Could you give me 13 one moment, sir? I just want to review 14 and make sure I'm done. 15 HEARING OFFICER HALLORAN: 16 BY MS. BRICE: 17 I do have one other thing to ask. Ο. If you could turn to -- I believe it is in the 18 19 Binder No. 1 -- Exhibit 31, please. 20 MS. BRICE: There is a stipulation 21 on this, Mr. Halloran. 22 HEARING OFFICER HALLORAN: 23 you.

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24

- 1 BY MS. BRICE:
- 2 Q. This is IDOT 000294 through 300.
- 3 Do you recognize this document?
- A. Yes, I do.
- 5 Q. And can you please turn to the
- 6 page to -- the second page, which is IDOT 000295
- 7 and there is a third paragraph that starts with
- 8 junction. Can you read that, please?
- 9 A. Yes. It says the junction of
- 10 detour roads A and B with Greenwood and Sand
- 11 resulted in two triangular areas of undrained
- 12 land immediately adjacent to these roadway. It
- 13 was necessary to grade and shape ditches and to
- 14 install temporary culverts under detour A and B
- in order to provide a stable roadway.
- 16 Q. Okay. And what did they do? What
- 17 does this document show you?
- 18 A. If you refer back to the figure
- 19 that's attached to it, IDOT 000297, it shows
- 20 the location of the detour roads and it shows
- 21 the location where culverts were installed in
- 22 order to provide more positive drainage under
- 23 the roadway.
- Q. And would this have likely have

- 1 been in red? Would this have been discussed
- 2 earlier to the extent that you know?
- 3 A. I'm not sure. This, I believe,
- 4 is an attachment to a change order. So it may
- 5 not have been.
- 6 Q. Okay. And when you installed a
- 7 culvert such as this -- and is that culvert on
- 8 Site 3?
- 9 A. Yes. Although this particular
- 10 reproduction of this figure doesn't represent
- 11 that location very well, but yes, there was one
- 12 on Site 3.
- 13 Q. And is it in the area of the parking
- 14 lots?
- 15 A. Yes.
- 16 Q. Could you please describe that for us
- 17 in words?
- 18 A. It looks like what you ended up
- 19 with is when you construct Detour Road A and
- 20 Detour Road B and you had the existing Greenwood,
- 21 . you basically created a triangle that the water
- 22 that was in that triangle had nowhere to go. So
- 23 in order to dry the site conditions up to be able
- 24 to work in the area, they would have had to try

- 1 to move that water away and a fairly typical
- 2 process for doing that would be to construct some
- 3 ditches and then because they had to move the water
- 4 from one side of Detour Road A to the other, it
- 5 looks like they put a culvert in underneath the
- 6 detour road to allow the water to flow.
- 7 Q. And does the document indicate where
- 8 they found these culverts?
- 9 A. Yes. There's a notation. Again,
- 10 that's difficult to read, but as I recall, it
- 11 said that they -- at least for two of them, they
- 12 reused abandoned pipe that had been taken from
- 13 the site, I believe, abandoned gas main.
- 14 Q. Thank you. How big of an area
- 15 would they have disturbed in order to install
- 16 such a culvert?
- 17 A. Well, I'm not sure I could say
- 18 specifically how many square feet of disturbance,
- 19 but obviously they would have had to take a pipe
- 20 and extend it across the detour road from the
- 21 area where water was standing to an area where
- 22 that water can discharge.
- The drawings show, you know,
- 24 the approximate length of each of the pipes.

Page 238 That's about what I know in terms of the extent 1 2 of that particular effort. 3 And do you have any idea how deep Q. they would have dug below the area? Does it show 4 There is a drawing of the culvert. 5 There's a figure for it. 6 Α. Yes. 7 really show the dimensions of the culvert itself, but obviously they would have had to put the --8 9 it would have been underlying the pavement, but at a shallow enough depth that they could actually 10 11 daylight from where the water was standing inside 12 that little triangular area to the other side of 13 Detour Road A so again the water could flow. 14 MR. McGINLEY: Excuse me, Mr. Halloran. Could we just find out 15 if the witness is actually looking at 16 a particular exhibit? I mean, he seems 17 to be making reference to some --18 19 HEARING OFFICER HALLORAN: 20 Fair enough. Ms. Brice? 21 MS. BRICE: It's Exhibit 31-4. 22 It's up there on the --23 MR. McGINLEY: It still looks 24 like -- it looked like he was looking at

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Page 239
1
         a different page. I'm sorry.
 2
                   MS. BRICE: Oh, are you looking
 3
         at a different page?
                    THE WITNESS: Oh, I'm sorry.
 5
         had flipped to 296, the preceding page.
                   HEARING OFFICER HALLORAN:
 6
                                                Still
 7
         on Exhibit 31?
                   THE WITNESS:
 8
                                  Yes.
 9
                   HEARING OFFICER HALLORAN:
                                                Thank
10
         you.
11
                   MS. BRICE: I have no further
12
     questions.
13
                   HEARING OFFICER HALLORAN:
                                                All
14
         right. Thank you.
15
                        We're going to take a
16
         ten-minute break before you start your
17
         cross.
18
                   MR. McGINLEY: Yes.
                                         Thank you.
19
                        (Whereupon, after a short
20
                         break was had, the following
21
                         proceedings were held
22
                         accordingly.)
23
                    HEARING OFFICER HALLORAN:
24
         me know when you are ready and we can
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	Page 240
1	start.
2	MR. McGINLEY: One minute.
3	HEARING OFFICER HALLORAN: All
4	right. We are back on the record at
5	approximately 3:08. We took about a
6	12-minute break. We have Mr. Dorgan on
7	the stand, which is JM's witness. They
8	just finished their direct and we have
9	cross, I believe.
10	Mr. McGinley, just to remind
11	everybody, keep your voices up. Thank
12	you.
13	You may begin.
14	MR. McGINLEY: Thank you.
15	CROSS-EXAMINATION
16	by Mr. McGinley
17	Q. Mr. Dorgan, I would like to ask you
18	a few preliminary questions. What are you being
19	what are you charging per hour for your work on
20	this matter?
21	A. I believe \$260 an hour.
22	Q. Okay. And how many hours
23	approximately, I mean, to the best of your
24	knowledge, have you spent so far working on this

- 1 matter?
- 2 A. Oh, an estimate would be couple
- 3 hundred.
- 4 Q. A couple hundred hours?
- 5 A. Yes.
- 6 Q. How many others working for you?
- 7 A. Probably something similar in the
- 8 aggregate.
- 9 Q. Okay. And are you responsible for
- 10 when invoices go out from Weaver Consulting to
- 11 Johns Manville work, Bryan Cave, whomever you're
- 12 actually billing for your work, do you review
- 13 those invoices before they go out and make sure
- 14 they're accurate?
- 15 A. I do.
- 16 Q. Just roughly speaking, how much
- 17 money to date has Weaver billed the complainant
- 18 in this matter?
- 19 A. Aggregate, I guess, it's \$80,000
- 20 to \$100,000.
- 21 Q. Okay. Thank you. I know it seems
- 22 that you're, rightfully so, concerned about being
- 23 accurate in your work, correct?
- 24 A. Yes.

- 1 Q. I'd like to ask you a few things
- 2 about your opinions that you've prepared in this
- 3 matter. Last year, do you recall when you were
- 4 deposed in this matter?
- 5 A. I do.
- 6 Q. Do you recall during the course of
- 7 your deposition it became apparent there were a
- 8 few, shall we say, citation errors in your report?
- 9 A. Yes.
- 10 Q. Okay. Since the date of your
- 11 deposition last year on May the 6th to the
- 12 present date, so almost a year, besides the
- 13 reversion to Figure 2 that you were using
- 14 earlier in your response to counsel's questions,
- 15 have you discovered any other errors or any
- 16 other things that needed to be corrected within
- 17 your original report?
- 18 A. Not that I'm aware of.
- 19 Q. How many times since the deposition
- 20 last year have you actually reviewed your report?
- 21 A. At least several.
- 22 Q. So you're confident that the report
- 23 itself is otherwise accurate besides the errors
- 24 that were noted last year and the revisions that

Page 243 you're making here today? 1 2 I believe so. Α. 3 I want to turn actually to -- this 0. 4 would be back to Joint Exhibit 6. This would be 5 your expert report, if you have that in front of 6 I'd like to turn first to Section 1.2 and you. this is regarding your qualifications. Are you 8 there? 9 Α. Yes. Okay. You say you have over 25 10 11 years experience working as an environmental consultant; is that correct? 12 13 Α. That's correct, yes. 14 And you have been qualified 15 as an expert witness in support of litigation 16 associated with projects involving environmental assessment, design, permitting and 17 18 construction-related issues. Do you see that, 19 sir? 20 Α. That is in the second paragraph? 21 Q. That's right. It's more or less 22 in the middle --23 Α. Yes.

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-- of that paragraph?

24

Q.

- 1 A. Yes.
- Q. Okay. With respect to being an
- 3 expert witness, have you ever been -- is it
- 4 your testimony that you have been named as an
- 5 expert with respect to construction-related
- 6 issues?
- 7 A. I have testified as an expert
- 8 relative to construction projects involving --
- 9 I can think of at least one transfer station
- 10 that was being permitted and I testified in
- 11 the hearing for that -- for that particular
- 12 construction project.
- 13 Q. Okay. And when you say transfer
- 14 station, you're talking about a waste -- a
- 15 hazardous waste transfer station, correct?
- 16 A. Correct.
- 17 Q. Okay. Have you ever been an expert
- 18 witness in a case involving construction of a
- 19 highway?
- 20 A. No.
- 21 Q. Okay. Have you ever given any
- 22 sort of expert opinion in support of -- other
- 23 than in this case -- where you were asked to
- 24 give or provide consulting services regarding

- 1 a highway construction project?
- 2 A. No.
- 3 Q. Okay. So I want to turn to your
- 4 deposition, please. This would be Exhibit 4. Do
- 5 you have that in front of you, sir?
- A. I don't believe so.
- 7 MS. O'LAUGHLIN: It's in the
- 8 binder.
- 9 MS. BRICE: Which deposition
- 10 are you using?
- 11 MR. McGINLEY: His initial
- 12 deposition -- I'm sorry -- the May 6th
- deposition.
- 14 BY THE WITNESS:
- 15 A. Great. I have it.
- 16 BY MR. McGINLEY:
- 17 Q. Do you have it in front of you,
- 18 sir?
- 19 A. I do.
- Q. Okay. Do you recall last year
- 21 having testified that the projects that I've
- 22 had suggestions as to origin of waste materials
- 23 having originated with road construction projects.
- 24 Do you recall having testified to that last year?

Page 246 1 Α. Yes. 2 And when you say origin of Q. 3 waste materials having originated with road construction projects, did any of those road 4 5 construction projects that you were referring 6 to during your deposition involve asbestos? 7 Α. Yes. They did? 8 0. Α. 9 Yes. 10 Which ones? 0. 11 Α. I can think of one that we did 12 just recently where there was debris on a site. 13 It was a large debris pile some of which originated from road demolition, but there 14 15 was asbestos fragments mixed with a large debris 16 pile. 17 And when exactly did you do that 0. 18 work? 19 Α. Two years ago. 20 Q. Two years ago. 21 Is that listed in the CV that's 22 attached to your expert report? 23 I don't recall. Α. 24 Well, why don't we turn actually Q.

- 1 to your CV, which I believe towards the end of
- 2 your work before the figures. Your CV is, I
- 3 believe, at the end of your expert report. You're
- 4 familiar with your CV obviously?
- 5 A. Yes.
- 6 Q. Which of the projects involving
- 7 removal of asbestos from a road construction
- 8 situation referenced here in your select project
- 9 experience?
- 10 A. I don't know that I have any
- 11 specifically. This is obviously just a
- 12 representation of select project experience.
- 13 It certainly doesn't capture everything I
- 14 have been involved with.
- 15 Q. Can you show me in your Section 1.2
- 16 of your expert report where you referenced the
- 17 project that you were just describing to us about
- 18 having removed -- the construction project where
- 19 asbestos particles were involved?
- A. I haven't.
- 21 Q. It's not in 1.2 of your report?
- 22 A. I don't reference any specific
- 23 projects in Section 1.2 of my report.
- Q. You didn't feel it necessary with

- 1 respect to a discussion in your expert report
- 2 about your qualifications to actually talk about
- 3 something that was directly relevant to the
- 4 issues which you were presenting an opinion in
- 5 this case?
- A. I believe that the way in which I
- 7 represented my credentials in my qualifications
- 8 section spoke to my capacity to opine on the
- 9 matters that were subject in this particular
- 10 matter.
- 11 Q. I note that you have worked on
- 12 some Superfund cases including -- I believe
- 13 Pines Superfund site in Pines, Indiana; is that
- 14 correct?
- 15 A. That's correct.
- 16 Q. The issue in this case does not
- 17 involve asbestos, does it?
- 18 A. No.
- 19 Q. It involves fly ash and groundwater
- 20 contamination if I'm correct; is that right?
- 21 A. Yes.
- 22 Q. Have any -- have you worked on any
- 23 other Superfund sites?
- 24 A. Yes.

- 1 Q. Have any of those Superfund sites
- 2 also contained asbestos?
- 3 HEARING OFFICER HALLORAN: Could
- 4 you keep your voice up, please?
- 5 MR. McGINLEY: I'm sorry.
- 6 BY MR. McGINLEY:
- 7 Q. Have any of the Superfund cases --
- 8 sites that you've worked on also involved asbestos?
- 9 A. I don't recall whether the Superfund
- 10 sites specifically involve asbestos. They may
- 11 have because there were several sites that were
- 12 waste sites that included all sorts of different
- 13 types of wastes. Asbestos could have been it,
- 14 but were they specifically addressing asbestos?
- 15 No, probably not.
- 16 Q. Okay. So your answer then would be
- 17 you haven't actually worked on other Superfund
- 18 sites that involved asbestos?
- 19 A. Correct.
- 20 Q. Thank you. In your affidavit that
- 21 you filed in support of Johns Manville's response
- 22 to our motion in limine to strike your opinion, you
- 23 provided an affidavit and counsel talked about that
- 24 affidavit earlier; is that correct?

- 1 A. That's correct.
- 2 Q. If memory serves me right, in that
- 3 affidavit you talk about the time that you spent
- 4 at Warren Engineering -- well, I guess initially
- 5 it was called Eldridge Engineering and subsequently
- 6 it was acquired by Warren Engineering Corporation;
- 7 is that right?
- A. That's correct.
- 9 Q. Okay. Paragraph 4 of your affidavit
- 10 states, "My project responsibilities included,
- 11 but were not limited to design of grading plans,
- 12 stone water conveyance systems including plans
- 13 and profiles, roadways, environmental control
- 14 systems, and end use plans."
- Now, the reference here in
- 16 Paragraph 4 of your affidavit, I guess this would
- 17 have been dated February 15th, does the reference
- 18 here to roadways refer to highway construction
- 19 projects at all?
- 20 A. No.
- 21 Q. What sort of roadway are you referring
- 22 to or making reference to?
- 23 A. These were primarily roadways that
- 24 would have been part of other site development

- 1 plans. They would have either been on-site
- 2 roadways or access roadways.
- 3 Q. Okay. When you say other site
- 4 development plans, what are you referring to
- 5 specifically? What kinds of site development
- 6 plans?
- 7 A. Well, at the time that I was
- 8 doing that kind of work, I was doing a lot of
- 9 landfill work. So we were doing a lot of
- 10 landfill permitting, a lot of landfill design.
- 11 We did have other -- we were doing transfer
- 12 stations, material recovery facilities. So
- 13 the roadway work that I would have done would
- 14 have been on-site roads and it would have been
- 15 access roads to those sites.
- 16 Q. Okay. Have you ever designed an
- 17 embankment for a roadway?
- 18 A. I've designed embankments, but not
- 19 specifically for a roadway.
- 20 Q. Okay. So your answer to the question
- 21 is no, you've never designed an embankment for a
- 22 roadway?
- 23 A. No.
- Q. I would like to turn your attention

- 1 back to the initial report. Here, I'd like to
- 2 talk to you about some of the statements that
- 3 you had made at Section 2.2.1. This would be on
- 4 Page 4 of your report.
- 5 It states under the very first
- 6 sentence, "Site 3 is owned by ComEd and is located
- 7 south of the Greenwood Avenue right-of-way near
- 8 the southern property line of the former JM
- 9 manufacturing facility." How did you learn that
- 10 Site 3 is owned by ComEd?
- 11 A. I believe from multiple references
- 12 within the record.
- Okay. And the very next sentence
- 14 says, "According to Nicor Gas Company, a 20-inch
- 15 natural gas line was installed six to eight feet
- 16 below ground surface beneath Site 3 in 1948." Do
- 17 you see that reference?
- 18 A. I do.
- 19 Q. Now, earlier during counsel's
- 20 questioning of you on direct, you stated that the
- 21 very first developed use of Site 3 was the building
- 22 of a parking lot in the mid-1950s. Wouldn't you
- 23 consider the laying of utility pipeline through
- 24 Site 3 to be a developed use of the property?

- 1 A. No.
- 2 Q. What about the transmission towers
- 3 on the property?
- 4 A. No.
- 5 Q. Why don't they, in your mind,
- 6 constitute developed uses?
- 7 A. When I consider developed use, we're
- 8 typically looking at where the property was actually
- 9 being used for something other than -- and there's
- 10 lots of vacant parcels that have easements and
- 11 transmission lines that run across them. I'm
- 12 looking for when somebody began using the property
- 13 for some sort of productive purpose.
- Q. And a utility line, in your mind,
- 15 is not a productive purpose?
- 16 A. I think it's certainly a productive
- 17 purpose, but it's not developed for the purpose
- 18 of using the property. It's an access. It's a
- 19 line that runs through the property, but the site
- 20 itself hasn't been developed.
- 21 O. Okay. Do you recall earlier when
- 22 counsel was asking you about the parking lot and
- 23 the lease agreement, correct?
- A. Uh-huh.

- 1 Q. The first time that you saw the lease
- 2 agreement was when?
- A. Within the last several weeks.
- 4 Q. Prior to -- in the course of trying
- 5 to develop the opinions that are in your expert
- 6 report from last year, did you attempt to find
- 7 or ask for any information related to the
- 8 construction of the parking lot?
- 9 A. Yes.
- 10 Q. And you conveyed that request to
- 11 counsel, I take it?
- 12 A. Yes.
- Q. And you were -- during the course
- 14 of your preparation of this report, you weren't
- 15 able to -- nobody provided you with any information
- 16 regarding the construction of the parking lot?
- 17 A. The information that I had regarding
- 18 the construction of the parking lot came from the
- 19 information that was reviewed in the record.
- Then as I've already stipulated,
- 21 there was a conversation that took place between
- 22 me and Denny Clinton with regard to the reference
- 23 in one of the earlier reports to his understanding
- 24 of the parking lot construction and I was attempting

- 1 to understand the information that he conveyed to
- 2 ELM when ELM wrote their report.
- 3 Q. But you haven't actually ever seen --
- 4 with the exception of the exhibit that's attached --
- 5 the diagram that's attached to the back of the
- 6 lease agreement, which by now you have seen,
- 7 correct, the license agreement?
- 8 A. That's correct.
- 9 Q. And that was just within the past few
- 10 weeks, correct?
- 11 A. That's correct.
- 12 Q. So prior to having seen that
- 13 document, that diagram, within the past few weeks,
- 14 you've never seen any other diagram done by Johns
- 15 Manville regarding the construction or the designed
- 16 layout of the parking lot?
- 17 A. That's correct.
- 18 Q. And you asked for information if such
- 19 was available, I assume, correct?
- 20 A. Yes.
- 21 Q. In the course of preparing your
- 22 opinions, did you ever investigate what Johns
- 23 Manville's waste management practices might have
- 24 done?

- 1 A. I did not.
- 2 Q. You never sought to try and figure
- 3 out how -- I assume in the manufacturing process,
- 4 and you seem to have -- is it fair to say you have
- 5 at least some familiarity with the manufacturing
- 6 process?
- 7 A. Some.
- 8 Q. Okay. Would it be fair to say --
- 9 and as an expert, I mean certainly speculate
- 10 about this -- in the manufacturing process
- 11 sometimes things are going to be manufactured
- 12 not to specification, don't meet the needs of the
- 13 end project, would that be a fair statement?
- 14 A. I think that would be a fair
- 15 statement.
- 16 Q. So what then -- did you not think
- 17 it was necessary to figure out what might have
- 18 been done with that waste material, how that
- 19 might have been removed from the site?
- 20 A. I was not in a position to
- 21 speculate as to what might have been done with
- 22 off spec product that was generated at the Johns
- 23 Manville site.
- Q. I understand that you were not in

- 1 a position to speculate, but did you make any
- 2 inquiries to try to understand how waste material
- 3 might have been handled during the period of time
- 4 that the Johns Manville facility was in operation
- 5 manufacturing projects?
- 6 A. No.
- 7 Q. In the course of researching your
- 8 opinions that led to your initial report, did you
- 9 ever attempt to understand -- other than the use
- 10 of the parking lot, did you have any other
- 11 understanding about what the prior site history
- of Site 3 might have been, what the prior use
- 13 of the site might have been?
- A. Prior uses of Site 3 prior to the
- 15 parking lot?
- 16 Q. That's correct.
- 17 A. I was not aware that there had
- 18 been prior uses of Site 3 prior to the parking
- 19 lot.
- 20 Q. To your knowledge, was Site 3 ever
- 21 fenced off or enclosed in any fashion or was it
- 22 open?
- 23 A. I'm not aware of it being fenced off
- 24 or if it had always been open.

- 1 Q. From your review of aerial
- 2 photographs, do you have -- I mean, would you be
- 3 able to speculate as to whether it was fenced off
- 4 or open?
- 5 A. No.
- 6 Q. You have looked at several aerial
- 7 photographs at this point, correct?
- 8 A. Yes.
- 9 Q. I would assume that if a fence had
- 10 been in place, you could see the embankment --
- 11 the perimeter of the parking lot in those aerial
- 12 photographs when they existed; right?
- 13 A. Correct.
- Q. And so wouldn't it be fair to assume
- 15 that if there had been fences around the property
- of Site 3 that those would also be visible?
- 17 A. It's possible that you may be able
- 18 to view a fence. It would depend on how it was
- 19 constructed and where it was located and the
- 20 quality of the aerial.
- 21 Q. Let me ask you something about
- 22 your viewing of the aerial photographs. It's
- 23 my understanding that when professionals are
- 24 looking at aerial photographs, it's not unusual

- 1 to look at aerial photographs with what's called
- 2 stereoscopic technology, double glasses where you
- 3 put the -- you impose the photographs. There is
- 4 an overlapping area and you have essentially what
- 5 are 3G glasses and you looking at the photograph
- 6 and it's able to sort of pop up with what would
- 7 otherwise be a two dimensional representation
- 8 into a simulated three dimensional representation.
- 9 Are you familiar with that?
- 10 A. I am.
- 11 Q. When you were look be at aerial
- 12 photographs, were you using similar methodology
- 13 for looking at those photographs?
- A. No, I did not.
- Q. And you were aware of that before
- 16 you actually got the aerial photographs before
- 17 this case, correct?
- 18 A. Was I aware of the technique?
- 19 Q. Were you aware of that technology,
- 20 that stereoscopic technology?
- 21 A. Yes.
- 22 Q. And you chose -- and for some reason,
- 23 you did not look at these photographs with
- 24 stereoscopic technology?

- 1 A. No.
- Q. Okay. Doesn't stereoscopic technology
- 3 produce a better visual image of what's on the
- 4 photograph than just by looking at it with the naked
- 5 eye?
- 6 A. The only thing that the stereoscopic
- 7 does is it gives you the sense of depth and
- 8 dimension and relief. It doesn't necessarily make
- 9 the aerial anymore clear or doesn't improve the
- 10 quality of the aerial.
- 11 Q. Your knowledge about the parking
- 12 lot is that split Transite pipe was used as --
- 13 used to demarcate the perimeter of the parking lot,
- 14 correct?
- 15 A. Correct.
- Q. And also, it's used to delineate
- 17 parking spots in the parking lot, correct?
- 18 A. That's my understanding.
- 19 Q. As an expert, can you speculate
- 20 for us whether it's possible for that asbestos
- 21 pipe, that Transite pipe to break down and degrade?
- 22 I mean, the parking lot was in use for 15 years,
- 23 correct, more or less?
- 24 A. Yes.

- 1 Q. Okay. During the course of that 15
- 2 years, isn't it possible that some of the Transite
- 3 pipe that might have been on-site could have broken
- 4 down or been replaced?
- 5 A. It's possible.
- 6 Q. Okay. Now, did you ever seek to
- 7 understand whether, in fact, any of the Transite
- 8 pipe that had been on the parking lot initially
- 9 had ever been replaced during the course of the
- 10 15 years the parking lot was in operation?
- 11 A. I'm not aware whether that any
- 12 Transite pipe had been replaced during that
- 13 period.
- Q. But did you look? Did you attempt
- 15 to ascertain that or you just don't have any
- 16 information that tells you that?
- 17 A. I have no information that tells
- 18 me that.
- 19 Q. So it's fair to say you can't rule
- 20 out as testified here today that the Transite pipe
- 21 that was in place at the time the parking lot
- 22 ceased operation might have been replaced by
- 23 different Transite pipe than was initially placed
- 24 in the parking lot?

Page 262 1 Α. I have no information to know whether 2 it was or was not. 3 But you can't rule out that Q. 4 possibility? 5 No, I can't rule it out. 6 Q. Thank you. I'd like to turn your 7 attention, please, to -- this would be joint 8 Exhibit 57 and this is the ELM report that we've 9 talked about today. 10 You are familiar with this 11 report -- I'm sorry. You don't have it. 12 MS. BRICE: What are you 13 looking at? 14 MR. McGINLEY: This is Joint 15 Exhibit 59. I believe it's 59, the ELM 16 report. 17 MS. BRICE: Exhibit 59? 18 MR. McGINLEY: It's 57, 57. 19 I'm sorry. 20 MS. BRICE: Mr. Halloran, this 21 is the exhibit we have the weird stipulation 22 on. 23 HEARING OFFICER HALLORAN: Okay. 24 With the hearsay.

	Page 263
1	MR. McGINLEY: The stipulation
2	is that we agree that it's an authentic
3	document. They don't agree as to the
4	admissibility with all of the statements.
5	MS. BRICE: Correct.
6	HEARING OFFICER HALLORAN: And
7	that is 57?
8	MS. BRICE: Correct.
9	HEARING OFFICER HALLORAN: It's
10	on what page? What's the Bates stamp?
11	MR. McGINLEY: I can give you
12	the Bates stamp. It's JM 000030 through
13	580. That's Exhibit 57, one through 570.
14	HEARING OFFICER HALLORAN: I'm
15	sorry, Mr. McGinley. What is that again?
16	MR. McGINLEY: It's 57, one
17	through 570.
18	HEARING OFFICER HALLORAN: Okay.
19	MR. McGINLEY: Do you have that
20	in front of you, sir?
21	Yes, I do. I guess is that
22	a number of pages? I have Exhibit 57 in
23	front of me. I thought earlier this morning
24	I was directed to one page.

Page 264 1 MR. McGINLEY: Yes. It's the 2 executive summary. I believe it's Page --3 I'm sorry. Let me turn -- it's 57-11. 4 HEARING OFFICER HALLORAN: I'm there. 5 MR. McGINLEY: I'm trying to 6 cross-reference a few different numbers. 7 I'm sorry. 8 9 BY MR. McGINLEY: 10 Mr. Dorgan, you have seen this report 11 before correct? 12 Α. That's correct. 13 Q. And this is actually included as one of the items in the bibliography that you attached 14 15 to your expert report; is that correct? That's correct. 16 Α. You recall last year in the deposition 17 we discussed certain language that's on 1-4? 18 is JM 00040. Do you recall that? 19 I need to be referenced to the 20 Α. 21 specific language and the specific discussion. 22 Certainly. It says, "According to JM, the parking lot was constructed with 23 24 materials containing ACM. Over a period of

- 1 years during the use of the lot and during and
- 2 after its demolition, ACM was distributed
- 3 throughout the surrounding area." Do you see
- 4 that language, sir?
- 5 A. Yes.
- 6 MS. BRICE: And that's the
- 7 language.
- 8 HEARING OFFICER HALLORAN: Yes.
- 9 You know, as before, I'm going to overrule
- 10 and allow it. I just -- again, I think
- 11 reasonable and prudent people rely on it.
- 12 It's from ELM for -- prepared for Johns
- Manville. So, yes, it's allowed.
- MS. BRICE: Okay.
- 15 HEARING OFFICER HALLORAN: Thank
- 16 you.
- 17 BY MR. McGINLEY:
- 18 Q. So over a period of years during
- 19 the use of a lot and after its demolition --
- 20 and during and after its demolition, ACM was
- 21 distributed throughout the surrounding area.
- 22 So this report, if I understand this correctly,
- 23 is saying that the asbestos-containing material
- 24 could have been distributed from the parking

- 1 lot while it was in use, wouldn't you agree
- 2 with that statement? That's what that says
- 3 correct?
- A. It could be inferred that that's
- 5 what it's suggesting.
- 6 Q. Well, I mean, it says it in plain
- 7 English, but if you want to suggest it's just
- 8 an inference, that's fine. ACM was distributed
- 9 throughout the surrounding areas. Isn't that --
- 10 I mean, that's -- you're suggesting in your
- 11 earlier testimony that the reason why the
- 12 asbestos that might be seen in the surrounding
- area was caused only by IDOT's construction
- 14 work, correct? Isn't that, in essence, the sum
- 15 of your opinion?
- 16 A. I believe my opinion is placing
- 17 a greater degree of the responsibility for the
- 18 dispersed and buried ACM on the site on IDOT's
- 19 activities, but I don't believe I ever suggested
- 20 that's the only origin. In fact, I believe I
- 21 recognized that there were other ACM materials
- 22 on the site besides just Transite pipe.
- 23 As I testified earlier, the
- 24 frequency of Transite pipe was much greater

- 1 than any other material that was identified
- 2 at the site.
- 3 Q. I'd like to turn to Page 2 and
- 4 this is in the executive summary and scope of
- 5 work of your initial expert report. This is
- 6 item two. This is on the top of Page 2. So
- 7 that would be -- I'm sorry. I'm looking at
- 8 Exhibit 06-5, Paragraph 2 at the top.
- 9 A. Yes.
- 10 Q. It says, "IDOT is responsible for
- 11 the placement and dispersion of ACM waste
- 12 currently found at this site. IDOT, at a minimum,
- 13 used, spread, buried, placed and disposed of ACM
- 14 waste, including Transite pipe, throughout Site 3
- 15 and portions of Site 6 during its work on the
- 16 Amstutz project from 1971 to 1976." Do you see
- 17 that, sir?
- 18 A. Yes, I do.
- 19 Q. And that's still your opinion today,
- 20 correct?
- 21 A. Yes.
- Q. That IDOT's work resulted in asbestos
- 23 waste being spread throughout Site 3 and a portion
- 24 of Site 6?

- 1 A. Yes.
- Q. Okay. I'd like to go back to the
- 3 OEM report, please. Again, we're talking about
- 4 JM 00040, Exhibit 7-11, second full paragraph on
- 5 the page reads -- could you read that for us?
- 6 A. Second full paragraph?
- 7 Q. Yes, the one that starts "There is
- 8 little."
- 9 A. "There is little ACM at zero to
- 10 three feet below ground surface when the size
- 11 of Site 3 and the number of soil sampling
- 12 locations are taken into account. ACM and the
- 13 subsurface was mostly concentrated in the area
- 14 of the former parking lot. This is to be
- 15 expected since the materials used to build
- 16 former parking lot contained ACM."
- 17 Q. As I understand it, the subsurface
- 18 soil sampling that was done in conjunction with
- 19 the ELM report probably constituted the largest
- 20 sampling exercise that's taken place to date at
- 21 this site. Would you agree with that
- 22 characterization?
- 23 A. Yes. It was certainly one of the
- 24 more comprehensive investigations.

- 1 Q. One of the more comprehensive --
- 2 is the most comprehensive, wouldn't you agree with
- 3 that?
- A. It was certainly very comprehensive,
- 5 whether -- it's the most comprehensive of those that
- 6 have been done, yes.
- 7 Q. Okay. When it says that there is
- 8 little ACM at zero to three feet below ground
- 9 surface, when you consider the size of the site
- 10 and the number of soil sample locations that
- 11 are taken into account, doesn't that directly
- 12 controvert what you're saying in your report
- 13 that asbestos is found and distributed throughout
- 14 Site 3?
- 15 A. I would have difficulty really
- 16 even understanding what that sentence says and
- 17 I also know from evaluating the actual results
- 18 of this and other investigations that there was
- 19 very little asbestos found below three feet.
- 20 Most of it was found within zero to three feet
- 21 of the ground surface. That's been represented
- 22 on a number of the figures that had been produced
- 23 that we've discussed today already.
- Q. So you take issue with the results

- 1 of the most comprehensive subsurface investigation
- 2 that's been done to date; is that right? Your
- 3 opinion, you believe, is right and the information
- 4 that's being conveyed, the characterization of the
- 5 subsurface investigation at Site 3 that's set forth
- 6 in the ELM report, you disagree with that, is that
- 7 a fair statement?
- 8 A. Yes. I have to rely on the analysis
- 9 of the results that were presented, both in this
- 10 investigation and others in order to form my
- 11 opinion and certainly that sentence, which I'm
- 12 not sure how the size and number of locations,
- 13 I'm just not sure what they're suggesting in
- 14 this -- in that particular sentence.
- 15 Q. And yet you used this report in
- 16 your bibliography, you make reference to this
- in your report?
- 18 A. Yes.
- 19 Q. You testified earlier regarding
- 20 the 104(e) response that IDOT gave back in 2002
- 21 to the US EPA?
- 22 A. Yes.
- Q. You testified this statement made by
- 24 Duane Mapes who was the resident engineer for this

- 1 project, correct?
- A. Yes.
- 3 Q. Okay. What's your understanding
- 4 about the scope of the project?
- 5 A. Of which project?
- Q. Of the project that's at issue here,
- 7 the project that's documented that you made
- 8 reference to earlier.
- 9 A. The Amstutz project?
- 10 Q. Well, I'm not talking about the
- 11 Amstutz. I mean, this is a separate project. This
- 12 is a subsidiary project, if you will, with respect
- 13 to the Amstutz.
- MR. McGINLEY: May I approach
- and pull out an exhibit?
- 16 HEARING OFFICER HALLORAN: Yes.
- 17 BY MR. McGINLEY:
- 18 Q. I'm showing you what's previously
- 19 been the subject of your testimony here today.
- Okay. This is the first page
- 21 of the as-built plans. This shows the scope of
- 22 the project. It doesn't show the entire Amstutz.
- 23 It just shows a portion of the project that's
- 24 centered more or less along Greenwood Avenue.

- 1 Would you agree with that?
- 2 A. Yes, I do.
- 3 Q. Okay. I'm going to give this to
- 4 you, sir. Hold onto that, please. Let me ask
- 5 you again. The scope of this project, in terms
- 6 of linear distance, what was the linear distance
- 7 of this project?
- 8 A. I don't know that offhand.
- 9 O. There is a scale that's included
- 10 at the bottom and it's demarcation on the length
- 11 of the project. It's actually demarcated there.
- 12 So what would that -- what's the length of that
- 13 project?
- A. Well, there's a reference here at
- 15 the bottom that says gross length 2,221.01 feet
- 16 equals 0.421 miles, it appears, for Greenwood
- 17 Avenue with a net length 1,942.25 feet, 03.358
- 18 miles (Greenwood Avenue).
- 19 Q. Okay. So the project scope itself
- 20 is longer than just simply the embankment on
- 21 Greenwood Avenue, isn't it?
- 22 A. Yes.
- 23 Q. Okay. And in the course of that
- 24 approximately 2,000 feet linear distance along

- 1 Greenwood Avenue, there was more than just one
- 2 embankment that was constructed as part of this
- 3 project; isn't that right?
- 4 A. That's my understanding.
- 5 Q. Okay as a matter of fact, there
- 6 is more than one bridge that was constructed as
- 7 part of this or an elevated piece of roadway,
- 8 shall we say; isn't that right?
- 9 A. That's my understanding.
- 10 O. So there would have been embankments
- 11 for that elevated roadway as well based on your
- 12 understanding of construction practices, that's --
- 13 we can assume that there would be other embankments
- 14 for that as well?
- 15 A. Yes.
- 16 Q. Okay. So when Mr. Mapes said I
- 17 recall having encountered some Transite pipe and
- 18 buried some of it, that actually means that if
- 19 we accept that statement as true, there is
- 20 approximately 2,000 feet of linear space along
- 21 which that Transite pipe could have been buried;
- 22 isn't that right?
- 23 A. Other than the reference in the
- 24 response that talked about location three, there

- 1 are no specific references to where that Transite
- 2 pipe was buried. It was used by me as an
- 3 acknowledgement that, yes, it's very plausible
- 4 that what we see here is attributed to IDOT's
- 5 actions because they've already acknowledged
- 6 that they buried Transite pipe during this
- 7 project.
- 8 Q. But you can't say for certain that
- 9 it went -- well, we have no way of knowing,
- 10 right, what Mr. Mapes actually meant by that
- 11 statement in the 104(e) response; isn't that
- 12 right?
- 13 A. We can only infer what we can
- 14 from what he said in that statement.
- 15 Q. Okay. You have chosen to infer
- 16 what is meant by that statement means that the
- 17 Transite pipe somehow ended up in the embankment;
- 18 isn't that correct?
- 19 A. I believe it is suggesting it could
- 20 have, yes.
- O. But it doesn't rule out the
- 22 possibility on its face that it was buried
- 23 someplace else along the line; right?
- A. There's the possibility that

- 1 somewhere else on the project, it could have
- 2 been buried as well, yes.
- 3 Q. And you don't know from that
- 4 statement from Duane Mapes that's recorded in IDOT's
- 5 104(3) response how much Transite pipe
- 6 he was actually referring to, right? He said
- 7 some Transite pipe, correct?
- A. That's correct.
- 9 Q. We don't know what that means. It
- 10 could have been five pieces of Transite pipe or
- 11 it could have been 100, correct?
- 12 A. Or 5,000.
- 13 Q. But we don't know. We have no idea
- 14 about what number -- what amount of this Transite
- 15 pipe was actually being buried or where it was
- 16 buried, correct?
- 17 A. That's correct.
- 18 Q. What's your understanding -- let's
- 19 go back to your expert report, sir. I want to
- 20 talk about -- again, on top of Page 2, this is
- 21 number two where you're talking about the placement
- 22 and dispersion of ACM waste currently found at
- 23 this site that IDOT at a minimum used to spread,
- 24 bury and place and dispose of ACM waste including

- 1 Transite pipe throughout the site.
- 2 Let me ask you this, sir, what's
- 3 your understanding of the meaning throughout? How
- 4 would you define that word?
- 5 A. Certainly more than one location.
- 6 I don't specifically attempt to define the
- 7 geography, but clearly from the mapping and figures
- 8 that have been produced, it's located in many
- 9 locations
- 10 across Site 3 and within Site 6.
- 11 Q. I'm going to give you an a
- 12 definition which I took out of Webster's Third
- 13 New International Dictionary. I meant to bring
- 14 it with me. I forgot. I apologize for that,
- 15 but a definition of throughout is everywhere.
- 16 That's what Webster's Third International
- 17 Dictionary says. Would you agree that throughout
- 18 means everywhere? Would you accept that definition?
- 19 A. I would not suggest that that was the
- 20 definition I was using when I referenced throughout
- 21 in this report.
- Q. Well, but you chose the term
- 23 throughout and throughout has a relatively, I
- 24 think, common meaning in the English language,

- 1 wouldn't you agree with that?
- 2 A. I had a specific reason for using
- 3 throughout. I was implying that it was located
- 4 in more than one location in Site 3 and I certainly
- 5 think the figures and the information presented in
- 6 the record demonstrates that.
- 7 Q. But then if that was, in fact, your
- 8 intent, you could have said was located more than
- 9 one place at Site 3, buy you didn't say that. You
- 10 said throughout Site 3, correct?
- 11 A. I said throughout Site 3, yes.
- 12 Q. Okay. In your report -- hold on a
- 13 second. Let me get to that.
- On Page 6, 2.3.2, regarding LFR
- 15 sampling, I will draw your attention specifically
- 16 to the discussion regarding Site 3, could you read
- 17 that paragraph, please?
- 18 A. "The investigation of Site 3 involved
- 19 the excavation of 14 test pits, see Figures 2 and 3
- 20 for test pit locations. The locations of the test
- 21 pits were generally placed near borings completed
- 22 during the 1999 ELM investigation. Visual ACM was
- 23 observed in two of the 14 test pits. Pursuant to
- 24 US EPA plans, no soil samples were collected and

- 1 analyzed for asbestos as a component of the Site 3
- 2 investigation."
- 3 Q. My question to you is this, sir,
- 4 after having read that paragraph, two out of 14,
- 5 that was the number of test pits in which visual ACM
- 6 was observed. Does two out of 14 test pits
- 7 with visual ACM observations equate to throughout
- 8 Site 3?
- 9 A. Certainly not.
- 10 Q. It's not everywhere, is it? I
- 11 mean, if you have two out of 14, it's far less
- 12 than everywhere. In fact, it's a minority of
- 13 locations, would you agree with that?
- 14 A. In this particular investigation,
- 15 yes.
- 16 Q. Okay. And this is the very source
- 17 of material in part that you are basing some of
- 18 the opinions in your report on, right, the LFR
- 19 sampling that you're referencing at 2.3.2?
- 20 A. Yes.
- 21 Q. I'm going to turn your attention
- 22 to Exhibit 66, please. Talk about being buried
- 23 under paper.
- 24 If I could direct your attention,

Page 279 1 sir --2 I'm sorry. I don't have Exhibit 66. Α. 3 I'm not sure what it's in. I assumed you were going to give it to me. 5 Q. It would be binder nine of 11 6 actually. 7 Α. Okay. 8 Q. Okay. I'd like to turn your 9 attention, please, to page -- Exhibit 66, Page 766, 10 JM 02005240. 11 MS. BRICE: What page is it? 12 MR. McGINLEY: It's 766 in 13 Exhibit 66. 14 BY MR. McGINLEY: 15 Q. Do you see where I'm talking about, sir? 16 17 Α. Yes. Thank you. Third paragraph 18 Q. Okay. down, I'd like to call your attention to. 19 is the one that starts with "to date." Do you see 20 21 that? 22 Α. Yes. 23 Could you read that paragraph for us, Q. 24 please?

- 1 A. It says, "To date, a total of 66
- 2 soil borings, 32 test pits and nine hydraulic
- 3 excavation locations have been installed at the
- 4 site by ELM, LFR and AECOM. The results from the
- 5 multiple investigations reveal that ACM occurrences
- 6 are sporadic across the site and typically coincide
- 7 with the location of utilities or other structures
- 8 installed after the mid-1950s. ACM and asbestos
- 9 structures were not found deeper than five feet
- 10 below ground surface along the Nicor gas line
- 11 corridor."
- 12 Q. Okay. So 66 soil borings, 32 test
- 13 pits and nine hydraulic excavation locations,
- 14 I've done the math, it's 108 separate locations
- 15 at Site 3.
- With 108 separate locations,
- 17 only sporadic instances of ACM occurrences at
- 18 Site 3, do you still adhere to your opinion that
- 19 ACM is found throughout Site 3 in light of this?
- 20 A. Yes. I've demonstrated on the
- 21 figures that have been produced. ACM is in
- 22 different locations on the property including --
- 23 and in a number of locations. I've demonstrated
- 24 it several times on the figures that I prepared.

- 1 Q. Well, the figures that you prepare
- 2 are at odds with work that's been done by
- 3 Dr. Ebihara and work that's been done by ELM.
- 4 You have us believe that the work that you have
- 5 done is somehow superior and should stand in
- 6 lieu of work that's been done by two separate
- 7 contractors on behalf of Johns Manville.
- 8 A. The work that's been done by the
- 9 various contractors, I did not do. I simply
- 10 took their results and represented it on
- 11 figures that have now been presented in my
- 12 reports. I believe the figures stand for
- 13 themselves in terms of where you find ACM
- 14 on the property. Yes, is it considered to
- 15 be sporadic? I think I've stipulated to that
- 16 already. Is it located throughout? If you'd
- 17 like to take a more expensive definition of
- 18 throughout, but I've shown on the figures
- 19 where the data that's been present in these
- 20 reports has found asbestos.
- 21 Q. I'm using a definition of
- 22 throughout provided to me, which I am taking from
- 23 a dictionary because I don't actually know right
- 24 off the top of my head what that means. So I

- 1 figured I would check the dictionary just to blot
- 2 that down.
- 3 The point I'm trying to get at
- 4 here is you have sited Remedial Action Work Plan
- 5 in your report. You sited ELM study in your
- 6 report. You take issue with that. You don't
- 7 mention that you take issue with them or the
- 8 results they found in your report. You've cited
- 9 and you're using this in support, yet they stand
- 10 in contradiction with the results that you
- 11 would have us say that your opinions demonstrate.
- 12 A. I'm not sure you would find a
- 13 location where I said I contradict them or I
- 14 don't. I have no reason to believe that this
- isn't accurate information presented in these
- 16 reports.
- 17 I've taken the aggregate work
- 18 that's been done by number of contractors and
- 19 represented their findings onto the figures that
- 20 were produced in my reports.
- 21 Q. And the aggregate result of the
- 22 work that's been done by Dr. Ebihara and by ELM
- 23 was to say that there's little or sporadic ACM
- 24 found at Site 3; isn't that right?

- 1 A. That's how they have characterized
- 2 the way that they've presented in these reports.
- 3 I've shown you where ACM has been found and I know
- 4 that the EPA considers what's been found at the
- 5 sites sufficient enough they're proposing that a
- 6 fairly substantial clean-up take place to address
- 7 what has been found.
- Q. Let me ask you this now that you've
- 9 mentioned US EPA and what their findings throughout
- 10 the site are. US EPA -- I mean, we know that
- 11 US EPA at some point was looking at least to
- 12 IDOT as being potentially a responsible party
- 13 for this site; fair to say?
- 14 A. Yes.
- 15 Q. And yet after a period of some
- 16 seven years -- six years, between when the 104(b)
- 17 response was submitted and when then the AOC was
- 18 actually entered into between Johns Manville and
- 19 the US EPA as well as Commonwealth Edison, US EPA
- 20 decided apparently that there was not enough
- 21 evidence -- not enough information that allowed it
- 22 to compel IDOT to be made a party to the AOC, right?
- 23 I mean, that's the only logical takeaway from that.
- A. I have no knowledge about what EPA's

- 1 evaluation was that led them to that conclusion,
- 2 but, yes, I do agree that they at that time elected
- 3 not to include them as a party.
- 4 Q. Based on your experience as an
- 5 environmental consultant, are you aware of any
- 6 NPL sites that are overseen by US EPA where local
- 7 governments had been made PRPs?
- 8 A. There are instances where local
- 9 governments have been named PRPs, yes.
- 10 Q. What about state agencies or
- instrumentalities of state government, are you
- 12 aware of any NPL sites where state agencies or
- 13 state governments have been listed as PRPs?
- 14 A. There are locations where state
- 15 agencies have also been listed as PRPs.
- 16 Q. So clearly, US EPA is not adverse
- 17 to naming state agencies as being PRPs at sites
- 18 when the evidence seems to document that that
- 19 is the correct course of action, is that fair to
- 20 say?
- 21 MS. BRICE: Objection, calls
- for speculation, lack of foundation.
- MR. McGINLEY: He's an
- 24 environmental consultant. He's testified

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Page 285
 1
         to his experience.
 2
                   HEARING OFFICER HALLORAN:
                                               T
 3
         agree.
                 Overruled. You can answer if you
 4
         are able.
 5
     BY THE WITNESS:
 6
            Α.
                   Certainly, there are instances where
 7
     state parties have been named as PRPs. The specific
     instances or the specific considerations involved
 8
 9
     in EPA's determination in this particular case, I'm
     not familiar with the analysis that they did to
10
     arrive at that determination.
11
12
     BY MR. McGINLEY:
13
            0.
                   Okay. I would like to turn to
     I believe it's Figure 2 in your initial report,
14
15
     please.
16
                   HEARING OFFICER HALLORAN:
                                               What
17
         exhibit is that, Mr. McGinley?
18
                   MR. McGINLEY: This would be
         Exhibit 6 and it's Figure 2 to that. If
19
20
         you will bear with me, I can get you a
21
         page number in just a hot second here.
22
                   THE WITNESS: It's 6-25.
23
                   MS. BRICE: Yes.
24
                   MR. McGINLEY: Yes, right.
                                                It's
```

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Page 286
         06 - 25.
1
 2
                   HEARING OFFICER HALLORAN:
                                                Thank
 3
         you.
 4
     BY MR. McGINLEY:
 5
            0.
                   Let me ask you this; if ACM is
 6
     found in subsurface environment throughout the
7
     site, how come there are sampling locations with --
     where there's been ACM that's been detected next
8
     to soil sampling locations that have come up as
9
10
     non-detects? And let me ask you this.
11
     look at B-32, which is in the -- I believe --
12
                   MS. BRICE: Evan, can you
13
         hold on a second and let me catch up
14
         with you.
15
                   MR. McGINLEY: Sure.
                                           I might
16
         be catching up with myself.
17
                   MS. BRICE: Which figure are
18
         you looking at?
19
                   MR. McGINLEY: Figure 2.
20
     BY MR. McGINLEY:
21
                   Are you looking at the figure right
            Q.
22
     now, sir?
23
                   Yes, I am.
            Α.
24
                    Okay. If you look at sort of the
            Q.
```

- 1 eastern edge of the -- of what you've depicted
- 2 as Site 3, right about the center, do you see
- 3 where sample location B-32 is?
- 4 A. Yes, I do.
- 5 Q. Right next to that, if I understand
- 6 the figure correctly, there is S302-B, which kind
- 7 of lies to the southeast of B-32, and then there's
- 8 SB-15, which is east/southeast of B-32. Do you see
- 9 where all those samples are?
- 10 A. You're referring to SB-16, SB-15
- 11 and SB-13?
- MR. McGINLEY: Can I approach
- the witness to make it easier?
- 14 HEARING OFFICER HALLORAN: Yes,
- 15 you may.
- MR. McGINLEY: Thank you.
- 17 BY MR. McGINLEY:
- 18 Q. Unfortunately, we don't have a
- 19 larger exhibit here, but B-32 -- I'm pointing to
- 20 it right now. SB-15 is right to the northeast
- 21 and then S302-B is right down here.
- So we know that SB -- B-32,
- 23 there is a detect for asbestos, but the other
- 24 two samples, which are in relatively close

- 1 proximity, non-detect; wouldn't you agree?
- 2 A. They are not -- there's no information
- 3 that indicates that asbestos was detected, but I'd
- 4 have to go back and look to see what samples were
- 5 collected and submitted from each of those two
- 6 locations. One was a test kit and the other was
- 7 an earlier phase of borings that were done as part
- 8 of an earlier investigation.
- 9 So in those three that you
- 10 reference, you have three test locations done
- 11 at three times as part of three different
- 12 investigations. You can have a lot of variability
- in terms of what samples are analyzed, what
- 14 samples are even collected. You'd have to go
- 15 back and look at the original boring logs and the
- 16 sample records for those other two locations.
- 17 Q. Well, let me ask you this. Right
- 18 above that, you have B-346 and then you have S46-B.
- 19 It's almost directly north of the samples I was
- 20 just talking to you about. B-346 again, there's
- 21 a detect. This is in an area which you've marked
- 22 as being an area of soil excavation. So there's a
- 23 detect for asbestos there and immediately south of
- 24 that, S346-B is non-detect. If you go one sample

- 1 over to the left, B-345, there's a defect for
- 2 asbestos, but right below that S345-B.
- My point to you, sir, is this;
- 4 if, as you say, asbestos is located throughout the
- 5 site, shouldn't -- when you have adjacent sampling
- 6 locations, shouldn't you be able to see asbestos
- 7 if in one? Shouldn't you be able to see asbestos
- 8 in the immediately adjacent sites as well?
- 9 A. No.
- 10 Q. Why?
- 11 A. This was -- these were samples
- 12 that are collected out of individual borings
- 13 that were done at different times for different
- 14 investigations and in some cases even using
- 15 different methods for how the samples -- and
- 16 I've tried to capture that in terms of the key
- 17 that shows the different types of methods that
- 18 were used at different times.
- 19 I can't even be certain without
- 20 going back and looking at those individual sample
- 21 locations whether samples were collected from
- 22 those same depth intervals and analyzed for the
- 23 same constituents using the same methods. It may
- 24 be that they were. I'm not saying that they

- 1 weren't, but it is not at all unusual in
- 2 environmental investigations, whether it be for
- 3 asbestos or just about any other contaminant, to
- 4 have locations where you will have a detection
- 5 of a contaminant at one location and you can be
- 6 proximal to that and not have it show up there
- 7 especially with these particular analyses where
- 8 they're looking at asbestos fibers at very low
- 9 concentrations and low counts using different
- 10 analytical methods.
- 11 Q. What accounts for the asbestos
- 12 that you note as being at B-34, which is at the
- 13 far eastern edge of Site 3?
- 14 Would your testimony be that
- 15 B-34 is the result of IDOT having done work there?
- 16 If the asbestos -- I'm sorry. Let me strike that
- 17 question.
- 18 Is it your opinion that the
- 19 asbestos that was discovered at B-34 came to be
- 20 there because of the same processes that you've
- 21 talked about in your opinion, that IDOT spread
- 22 and dispersed asbestos throughout the site?
- A. My opinion concentrates on the
- 24 Transite pipe that's been crushed, buried and

- 1 dispersed across the site. I did not opine on
- 2 every instances of an asbestos fiber having
- 3 been detected in different borings and different
- 4 samples that were collected throughout the various
- 5 investigations.
- 6 That's why I chose to demonstrate
- 7 the analytical results on this figure and the
- 8 visual ACM on the next figure to get a sense of
- 9 how the two of those compare.
- 10 Q. But the fact of the matter is,
- 11 sir, you're the one who is offering the opinion
- 12 that says asbestos is located throughout the
- 13 site.
- 14 Here, we have instances -- I
- 15 can see one, two, three that are right along
- 16 the periphery at least 100 feet away from where
- 17 any construction took place. Your opinion is
- 18 that IDOT is the cause of having spread it
- 19 throughout the site. So doesn't therefore that
- 20 mean, according to your theory, that B-34, which
- 21 is on the eastern edge; B-33, which is on the
- 22 southeastern corner; and B3-14, which is on the
- 23 southeastern corner a little bit off to the side,
- 24 shouldn't those also be the result of IDOT having

- 1 dispersed and moved asbestos around at the site
- 2 during construction activities?
- 3 A. That could be possible.
- 4 Q. But it's 100 feet away from where
- 5 any activity that took place?
- A. Yes. And we know that there was
- 7 activity took place across large areas of the
- 8 site including in areas that weren't necessarily
- 9 expected for there to be activities.
- In this particular case, I
- 11 have not opined on the origin and nature of
- 12 each individual asbestos fiber that was detected
- 13 in the various investigations.
- 14 My focus has been on the
- 15 Transite pipe that was present at the property,
- 16 that continues to be present at the property in
- 17 the subsurface, and its affects on the way EPA
- 18 treated scoping the clean-up of this property.
- 19 Q. But you -- but isn't the problem
- 20 with your opinion that you haven't sought -- I
- 21 mean, there is asbestos at Site 3. Johns Manville
- 22 is required to clean up the asbestos at Site 3.
- 23 Shouldn't your theory then take into account and
- 24 logically address the asbestos that's all located

- 1 on Site 3 and not cherry picking through the
- 2 different samples as you fit to figure opinion?
- 3 A. I don't believe I have cherry picked.
- 4 I've represented each one on this particular figure.
- 5 Q. In your deposition last year, and
- 6 I think earlier today in response to Ms. Brice's
- 7 questioning, you testified, I believe, that there
- 8 were times when construction work, you know, goes
- 9 outside the limits of construction or what has been
- 10 planned for where the construction work will
- 11 take place. Is that a correct recapitulation
- 12 of your testimony?
- A. Generally, yes.
- Q. Okay. What is that statement based
- 15 on?
- 16 A. Well, it's based on several things.
- 17 It's based on what you can see in the aerial
- 18 photographs around the time this particular
- 19 project was undergoing. It's based upon the
- 20 individual technical specifications that apply
- 21 to this project, which allows for activities to
- 22 take place outside the limits of construction
- 23 if it's approved by the resident engineer.
- 24 I've seen in my own personal

- 1 experience that certainly areas can end up being
- 2 used that aren't necessarily at the outset of
- 3 the project specified to be an area of primary
- 4 work, whether that has specifically defined
- 5 construction limits or some other defined boundary
- 6 to the work limits.
- 7 Q. But your experience that when you've
- 8 observed work taking place outside of prescribed
- 9 boundaries, that's not work experience that's
- 10 related to highway construction because you've
- 11 already testified that you don't have any
- 12 experience overseeing or managing highway
- 13 construction projects?
- 14 A. I've been involved in projects
- 15 that involved highway construction, handling
- 16 environmental aspects of highway construction
- 17 projects, but I've never been responsible for
- 18 overseeing and managing the construction or
- 19 designing of a highway, no.
- 20 Q. So you're really not in a position
- 21 to opine about how IDOT would have actually done
- 22 the work and whether or not they would have worked
- 23 outside the construction limits that were prescribed
- 24 for this project, are you?

- 1 A. I believe I've provided an opinion
- 2 that it's possible that as part of this construction
- 3 project supported by the information that's
- 4 available in the record, it could have taken place
- 5 and it appears that it did.
- 6 Q. You talked earlier in response to
- 7 Ms. Brice's -- you testified, rather, in response
- 8 to Ms. Brice's questioning that it's your opinion
- 9 that basically Transite pipe was placed inside the
- 10 embankment along Greenwood Avenue; is that right?
- 11 A. That's correct.
- 12 Q. You've never seen any documentation
- 13 though in the rather expansive record for this
- 14 project that shows documents that, in fact, IDOT
- 15 actually approved the placements of Transite pipe
- 16 within the embankment, right?
- 17 A. Correct.
- 18 Q. Because that documentation doesn't
- 19 exist within the construction record?
- 20 A. I'm not aware of documentation to
- 21 that effect.
- 22 Q. And based on your experience within
- 23 construction projects, you would agree that --
- 24 you're familiar with documents that are called

Page 296 1 change orders that typically would occur on the 2 construction project, right? 3 Α. Yes. 4 And change orders -- what's a change 5 order as far as you know? What does that mean? 6 Α. It will typically require or it 7 will typically provide an adjustment to the contract 8 price based upon changes to the way that work is 9 going to be implemented at some point in time during 10 the actual implementation of the project work. 11 Okay. And you've seen no change 12 orders that spoke about putting Transite pipe 13 in embankment; isn't that right? 14 That's correct. Α. 15 0. I'm going to go to JM Exhibit 84, 16 please. 17 I'm sorry. MS. BRICE: Did you 18 say Exhibit 84? 19 MR. McGINLEY: Exhibit 84, 20 ves. 21 BY MR. McGINLEY: 22 Have you been able to find that yet, Q. 23 sir? 24

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I'm sorry. I haven't.

Α.

No.

		Page 297
1	Q.	I perfectly understand.
2	Α.	I'm sure it's here.
3		HEARING OFFICER HALLORAN: Off
4	the recor	rd.
5		(Whereupon, a discussion
6		was had off the record.)
7		HEARING OFFICER HALLORAN: Back
8	on the re	cord.
9	BY MR. McGINI	EY:
10	Q.	Mr. Dorgan, you have Exhibit 84 in
11	front of you?	
12	Α.	Yes, I do.
13	Q.	And these are the cross-section
14	analyses that	you were testifying about earlier
15	in response t	o questions from Ms. Brice, correct?
16	А.	Yes.
17	Q.	Okay. Cross-section A, A prime,
18	runs west to	east along Greenwood Avenue, right?
19	Α.	Yes.
20	Q.	And there's seven bore holes that
21	are documente	ed in the cross-section; is that
22	correct?	
23	А.	That's correct.
24	Q.	Now, this runs predominantly through
1		

- 1 Site 6; isn't that right?
- 2 A. Yes.
- 3 Q. Okay. And it seems to me from what I
- 4 can see here --
- 5 A. Excuse me. Are you referring to
- 6 cross-section A or B?
- 7 Q. A A.
- 8 A. Yes. A runs through predominantly
- 9 Site 6. B runs predominantly through Site 3.
- 10 Q. Okay. Thank you. Now, you
- 11 testified -- we talked -- you talked earlier about
- 12 the fact that there is Transite pipe found through
- 13 A A, but there's also some roofing material,
- 14 correct?
- 15 A. There's some roofing material, yes.
- 16 Q. Some? I think -- would it be fair
- 17 to say there's a substantial amount of roofing
- 18 material here?
- 19 A. I would not say that. When you look
- 20 at the actual occurrence of roofing material, it was
- 21 fairly infrequent relative to other materials that
- 22 were identified at the site.
- Q. Well, but in the cross-section that
- 24 you've put here for A to A prime, would you not

- 1 agree that there's a significant amount of roofing
- 2 material that's depicted here? I mean, you're the
- 3 person who crafted this diagram and this
- 4 cross-section.
- 5 A. Yes. This is an interpretation of
- 6 what was encountered in the borings of those
- 7 locations.
- Q. And there's also some quantity of
- 9 fibrous sludge that's found here as well?
- 10 A. That's correct.
- 11 Q. Do you know what fibrous sludge
- 12 actually is? What is that type of material?
- 13 A. I'm not entirely certain what the
- 14 fibrous sludge is.
- 15 Q. Is it relatively solid? Is it
- 16 flakey? I mean, what are the physical properties
- 17 of the material?
- 18 A. I've not seen it myself and I'm
- 19 not -- I've not interacted with it so I can't
- 20 provide a description of the material nature
- 21 itself.
- Q. Okay. You don't know whether it's
- 23 an intermediate product or a waste product; fair
- 24 to say?

- 1 A. Yes.
- 2 Q. Could be an intermediate product for
- 3 all you know?
- 4 A. I have no knowledge of the source of
- 5 the fibrous sludge.
- 6 Q. Let me ask you this; isn't it true
- 7 that when we're looking at bore holes along A to A
- 8 prime that that also corresponds to a number of
- 9 utility lines?
- 10 A. There are utility lines in the
- 11 area, but certainly the cross-section of the
- 12 boring line would have been placed to try to
- 13 avoid utilities in order not to impact them.
- Q. But there are utility lines
- 15 within close proximity to where these were
- 16 taken, correct?
- 17 A. Yes.
- 18 Q. And you weren't taking -- I mean,
- 19 borings weren't being taken -- pardon me. Let
- 20 me back up.
- 21 Borings are just being taken
- 22 in a limited area in order to avoid utility
- 23 lines, correct?
- 24 A. Yes.

- 1 Q. There's fiberoptic cable that
- 2 runs and is adjacent to boring locations 1-S
- 3 and 2-S, correct?
- 4 A. That's correct.
- 5 Q. And fiberoptic and phone at 3-S,
- 6 correct?
- 7 A. That appears to be the case.
- Q. And at 4-S, 5-S and 6-S, I believe
- 9 there's also gas and electric, would that be
- 10 your interpretation as well?
- 11 A. Yes.
- 12 Q. Okay. Cross-section BB, what I can
- 13 see here -- and this is running inside of the north
- 14 end of Site 3, correct?
- 15 A. That's correct.
- 16 Q. And here, it seems as if there is
- 17 very little, if any, Transite pipe and instead
- 18 it's mostly roofing material, wouldn't you agree
- 19 with that assessment?
- 20 A. That's what's represented here,
- 21 yes.
- 22 Q. Okay. And so oddly enough, it
- 23 would seem in cross-section AA and cross-section
- 24 BB, you have represented areas that happen to

- 1 have a substantial amount of roofing material in
- 2 addition to some Transite pipe within ACM; isn't
- 3 that right?
- 4 A. That's correct.
- 5 Q. And yet your testimony is that
- 6 Transite pipe is largely the problem with Site 3
- 7 and Site 6, correct?
- A. That's correct.
- 9 Q. How does showing roofing material --
- 10 strike that.
- In the course of preparing your
- 12 opinions, did you ever attempt to figure out where
- 13 this roofing material might have come from?
- 14 A. No.
- 15 Q. It certainly wasn't -- I mean, is
- 16 it your understanding that roofing material had
- 17 any part in the parking lot -- surface of the
- 18 parking lot?
- 19 A. Not that I'm aware of.
- Q. And the roofing material would
- 21 consist of material such as shingles and things
- 22 like that, right?
- A. Correct.
- Q. Do you have any idea how roofing

- 1 material happened to end up at Site 3 and Site 6?
- 2 A. I have no knowledge of how roofing
- 3 material ended up within these particular fill
- 4 materials on Site 3 or on Site 6.
- 5 Q. What about the fibrous sludge, how
- 6 did that end up at Site 6?
- 7 A. I can't speculate as to how it ended
- 8 up in these fill materials at Site 6.
- 9 Q. Well, you're an expert. I mean,
- 10 you could engage in speculation if you chose
- 11 to. Where do you think the roofing material
- 12 came from?
- A. I have not opined on that and I
- 14 haven't speculated on that. I won't speculate
- 15 now. I don't know.
- 16 Q. I'm asking you to speculate. I
- mean, roofing material is manufactured at Johns
- 18 Manville, correct?
- 19 A. I believe so.
- Q. Isn't it possible that this happened
- 21 to be waste material that is dumped at Site 3 by
- 22 Johns Manville at some point in time?
- 23 A. I have no knowledge that waste
- 24 material was dumped by Johns Manville on Site 3.

- 1 Q. You have no knowledge about what their
- 2 waste management and waste handling practices were
- 3 historically, correct?
- 4 A. That's correct.
- 5 Q. So it's possible that this roofing
- 6 material, which had no part in the surface of the
- 7 parking lot at Site 3 could have actually been
- 8 waste material that was disposed of at Site 3;
- 9 isn't that possible?
- 10 A. The concern I have is that these
- 11 are the fill materials that were placed there
- 12 by IDOT as part of a ramp construction. So I
- don't really know what the source of them is,
- 14 but they're in that fill material that the
- 15 IDOT specifications show had to be placed at
- 16 this location in order to accommodate that
- 17 particular construction project.
- Their origin, their source,
- 19 who originally generated them, I have no independent
- 20 knowledge of that.
- 21 Q. Well, I think we can say who
- 22 originally generated them. It was probably Johns
- 23 Manville, right?
- A. That would be speculation for now.

- 1 Q. I mean, the original materials were
- 2 asbestos --
- 3 A. That would be speculation for me to
- 4 say that it was. I don't know.
- 5 HEARING OFFICER HALLORAN: You
- 6 can't talk over each other. Mr. Dorgan?
- 7 BY THE WITNESS:
- 8 A. That would be speculation on my part.
- 9 I don't know.
- 10 BY MR. McGINLEY:
- 11 Q. You wouldn't be comfortable saying
- 12 that roofing material with asbestos across the
- 13 street from the former Johns Manville manufacturing
- 14 facility would have been generated at the Johns
- 15 Manville facility?
- 16 A. Yes. I agree with that.
- Q. Okay. One of the opinions that you
- 18 have regarding -- in Section 3.2 -- is that IDOT
- 19 crushed Transite pipe in the course of the project.
- 20 That's part of your opinion, right?
- 21 A. Yes.
- 22 Q. Have you seen any documentation in
- 23 the substantial project record from IDOT that
- 24 shows or speaks to your opinion or supports your

- 1 opinion that Transite pipe was crushed in the
- 2 course of the project?
- 3 A. No.
- 4 Q. No such documentation to that effect
- 5 exists; isn't that right?
- A. Not that I'm aware of.
- 7 Q. Okay. I want to go back to your
- 8 report. You talked a lot about -- I'm going to
- 9 turn your attention to Page 15, please.
- 10 HEARING OFFICER HALLORAN: Page 15?
- MR. McGINLEY: Yes.
- 12 HEARING OFFICER HALLORAN: Of
- Exhibit 6.
- MR. McGINLEY: Exhibit 6 and that
- would be Exhibit 6, Page 18.
- 16 BY MR. McGINLEY:
- 17 Q. Now, this is where you are talking
- 18 about the substantial cost that was incurred
- 19 by Johns Manville now because of what you alleged
- 20 to have been IDOT's work at this site, correct?
- 21 A. Correct.
- 22 Q. Elsewhere in here, you state that
- 23 in Section 3.3 that had it not been for this work
- 24 that was done by IDOT, that the remedy that could

- 1 have been employed could have been similar to the
- 2 remedy that was employed and is currently being
- 3 employed to remove the asbestos particles at
- 4 Illinois Beach State Park; isn't that right?
- 5 A. My opinion was that the presence
- 6 of the asbestos fragments primarily related to
- 7 the Transite pipe was the driver behind the way
- 8 in which EPA was approaching their specification
- 9 of the remedy at this site and I did make, yes,
- 10 make references to what's being done at Illinois
- 11 Beach State Park as a comparison of where similar
- 12 conditions were handled much differently there
- 13 than what's being expected to be done at this
- 14 site.
- 15 Q. Well, let's explore this idea of
- 16 similar conditions because, in fact, the asbestos
- 17 at Illinois Beach State Park, according to the
- 18 University of Illinois at Chicago report you site
- 19 in your report, according to that report, some of
- 20 the conditions that are responsible for asbestos
- 21 particles being deposited on the beach at Illinois
- 22 Beach State Park have to do with wave action, they
- 23 have to do with rising and lowering of water levels
- 24 within Lake Michigan and they also have to do with

- 1 the freeze cycle that affects the lake, right?
- 2 Those are three conditions that are
- 3 actually responsible for the transportation deposit
- 4 of asbestos material at Illinois Beach State Park;
- 5 is that correct.
- 6 A. That generally characterizes it, yes.
- 7 Q. And also part of the problem with
- 8 Illinois Beach State Park is that at present, there
- 9 is a number of possible sources for that asbestos
- 10 material to be washing up onto the beach, isn't
- 11 that also right?
- 12 A. I'm not as familiar with what they
- 13 are doing in terms of identifying the sources.
- 14 What's happening is there is materials washing
- 15 up on the beach. They are removed by hand. There's
- 16 asbestos fibers in the sand. The general public is
- 17 allowed to use the beach. If it weren't for the
- 18 materials that are washing up on the beach that
- 19 have to be picked up by hand, there would nothing
- 20 happening at Illinois Beach State Park.
- I happen to believe that's
- 22 very similar from a very pragmatic perspective.
- 23 We've got some asbestos fibers. We've got solid
- 24 materials. They're being required to remove the

- 1 solid materials already. Now, they're putting in
- 2 more extensive remedy to deal with the solid
- 3 materials. It's very comparable, I think, to
- 4 what's happening at Illinois Beach State Park.
- 5 Q. I'd like for you to actually look
- 6 at Joint Exhibit 65, please. This is the 2012
- 7 enforcement action memorandum.
- 8 A. Exhibit 65?
- 9 Q. Yes, please. If you could turn
- 10 your attention, please, to Page 10. I'm sorry.
- 11 Not Page 10.
- 12 If I could direct your attention,
- 13 please, to Exhibit 65, Page 93. All right. Just
- 14 let me know when you've gotten to that page.
- 15 A. Yes.
- 16 Q. This is a portion of the enforcement
- 17 action memorandum from 2012. It discusses Illinois
- 18 Beach State Park. It has to do with US EPA's
- 19 response to why comments such as the ones that
- 20 you were just making about the treatment of
- 21 asbestos at Site 3 in the same fashion as is
- 22 being done at Illinois Beach State Park.
- Isn't it true that ultimately,
- 24 the reason why US EPA decided to treat Site 3

- 1 differently from Illinois Beach State Park is
- 2 the only option that's available to Illinois Beach
- 3 State Park is go out and pick up the asbestos
- 4 washes onto the beach is because they don't know
- 5 where all the sources for the asbestos that washes
- 6 up onto the beach are?
- 7 There is no other option besides
- 8 picking up the asbestos; isn't that right?
- 9 A. Are you referring to some specific
- 10 reference in that particular section of their
- 11 document?
- 12 Q. I am, in fact, yes. If I could
- 13 call your attention to -- under response one,
- 14 two -- it's the really large third paragraph
- 15 that's under response. If you look at -- there
- is a sentence that starts, oh, I would say about
- 17 three-quarters of the way down. It says, "The
- 18 source of the ACM that washes onto IBSP is unknown
- 19 at this time. Thus, hand removal ACM that washes
- 20 onto the beach is the only option available at
- 21 this time to address ACM."
- Now, by comparison the difference
- 23 with what's going on at Site 3 is the fact that
- 24 there is a fixed amount of asbestos that's currently

	Page 311
1	at Site 3; isn't that right?
2	A. That's correct.
3	Q. So there is not there's no new
4	additional asbestos material that is being
5	introduced into Site 3. All the asbestos that needs
6	to be addressed in whatever remedy is going to
7	take place in Site 3 is already there, correct?
8	A. I believe that's true.
9	Q. Okay. So how then is there
10	any similarity between asbestos washing up
11	onto the beach versus the asbestos that needs
12	to be addressed at Site 3 similar? I mean,
13	there is nothing similar at all about the processes
14	that resulted in the asbestos in those locations.
15	MS. BRICE: I'd just like to
16	object to the relevance to this line of
17	questioning. I'm not sure how this ties
18	into everything.
19	HEARING OFFICER HALLORAN: Okay.
20	Mr. McGinley?
21	MR. McGINLEY: It's part of his
22	opinion about why Johns Manville is incurring
23	additional costs because they are not allowed
24	to do the same type of cleanup methodology

Page 312 for Site 3 as being allowed at IBSP. 1 2 think under the circumstance it's fair to 3 explore what the basis for that opinion is. HEARING OFFICER HALLORAN: 4 5 I agree with Mr. McGinley, but I think you 6 are making your point. So I will give you a little more, but kind of go into a different field. 8 That's fine. 9 MR. McGINLEY: Sure. 10 HEARING OFFICER HALLORAN: 11 you. BY MR. McGINLEY: 12 I would like to close out with a few 13 0. 14 last questions at this point. Turn your attention 15 again back to Exhibit 63. This is the EECA, as you recall. 16 17 You cited this in your 18 bibliography. As you note, the EECA deals not only -- it deals with the southwestern site area, 19 20 which includes not just Sites 3 and 6, but 4 and 21 5 as well, correct? 22 Α. Yes. 23 It's fair to say you're familiar 24 with this report, right?

- 1 A. Yes.
- 2 Q. Isn't it true that Sites 4 and 5
- 3 have substantial amounts of asbestos all along
- 4 the western boundary of the former Johns Manville
- 5 manufacturing site?
- 6 A. As I believe I testified during
- 7 my deposition, my focus and my purpose for my
- 8 involvement was to look at Site 3 and Site 6.
- 9 My review of the documentation was limited
- 10 almost exclusively to the conditions on those
- 11 two locations and any time spent on any of
- 12 the other sites, whether it be the main Johns
- 13 Manville site or Site 4/5 was very limited.
- 14 Q. Would you agree that at Sites 4
- and 5, substantial amounts of Transite pipe
- 16 had been found?
- 17 A. I understand that there have been
- 18 Transite pipe on 4/5.
- 19 Q. What about roofing materials, is
- 20 it your understanding as well that roofing materials
- 21 have also been found at Sites 4 and 5?
- 22 A. I believe there was, yes.
- Q. And what about fibrous process waste,
- 24 hasn't that also been found at Sites 4 and 5?

Page 314 1 Α. I don't recall specifically. It could 2 have been. 3 As far as you know, IDOT was not Q. responsible for doing any construction along the 4 5 western edge of the former Johns Manville facility, 6 correct? 7 Α. Other than the construction of Detour Road B, which traversed across the western 8 9 side of the main Johns Manville facility, I'm not as familiar with the specific construction 10 11 efforts that took place in that area. 12 0. If I could turn your attention, 13 please, to Page 63-18. 14 Α. Eighteen? Yes. And this would be Section 2.3.2. 15 Ο. Yes. 16 Α. 17 Could you read the paragraph, please? Q. 2.3.2? Α. 18 19 Q. Yes. 20 "Results of visual ACM inspection Α. 21 and PLM and TEM analyses for soil samples collected 22 from test pits within the expanded Site 4/5 investigation area indicate the presence of a 23 24 variable thickness of ACM and soil above the action

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- 1 level of 0.25 percent (Figure 9A). All but four
- 2 of the 59 sampling rows contained ACM in soil.
- 3 Visible ACM debris within the test pits included,
- 4 but is not limited to Transite pipe, roofing
- 5 material, fibrous process waste, wall board, brake
- 6 liners and flex board."
- 7 Q. Thank you. So the exact -- I mean,
- 8 some of the exact same types of material have been
- 9 found at Sites 3 and 6 on the one hand, Sites 4
- 10 and 5 on the other hand. I mean, doesn't the fact
- 11 that you have the same type of waste in totally
- 12 desperate areas suggest possibilities beyond just
- 13 IDOT having been responsible for dispersing --
- 14 leaving the waste that's at Sites 3 and 6?
- 15 A. Could you rephrase your question
- 16 because that seems to take multiple parts. I'd
- 17 like to be sure I get it right.
- 18 Q. Well, it's probably my last question
- 19 of the day. So my energy might be flagging at this
- 20 point.
- 21 The fact of the matter is you
- 22 agree that the same types of material have been
- 23 found at Sites 4 and 5 on the one hand and Sites 3
- 24 and 6 on the other, correct?

- 1 A. There are similarities in material
- 2 types, yes.
- 3 Q. Well, I mean, not just similarities,
- 4 but exact same types of material have been found
- 5 on both locations, right?
- 6 A. I'm not aware that break liners and
- 7 flex board and wall board were identified at Sites
- 8 3 and 6 or at least on the western end of Site 6.
- 9 Q. Doesn't it suggest under the
- 10 circumstances that the same processes that
- 11 resulted in the waste being deposited at Sites
- 12 3 and 6 were also deposited at Sites 4 and 5?
- 13 A. I'm not aware of the processes
- 14 that resulted in the conditions that are
- 15 described in this particular paragraph on Site
- 16 4/5. So attempting to compare it to the processes
- 17 that took place at Site 3 again would be speculation
- 18 on my part.
- 19 Q. But it's possible that the same
- 20 process could have resulted in the same types of
- 21 waste being deposed of in two separate locations
- 22 of the southwestern sites?
- 23 A. I suppose that the processes --
- 24 could they be the same? Again, I don't know,

	Page 317
1	but I guess I would have to say yes, that the
2	possibility exists that it could be the same.
3	MR. McGINLEY: Thank you. I
4	have no further questions.
5	HEARING OFFICER HALLORAN: Thank
6	you.
7	Is everybody in agreement that
8	we will continue this on record until tomorrow?
9	All right. Please be back
10	here excuse me. We will not be back
11	here May 24th. Excuse me. We will not be
12	back here. We have a smaller room, which
13	is 9-34 down the hall. Please be back here
14	a little earlier than 9:00 a.m.
15	Mr. Dorgan, you'll probably
16	have to get sworn in again tomorrow.
17	Anyway, thanks for your
18	hospitality and professionalism. I will
19	see you tomorrow.
20	(Whereupon, the proceedings were
21	adjourned in the above-entitled
22	cause until 9:00 o'clock a.m. on
23	May 24, 2016.)
24	

L.A. Court Reporters, L.L.C. 312-419-9292

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Page 318
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     STATE OF ILLINOIS
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                             SS.
     COUNTY OF C O O K
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 6
                        I, LORI ANN ASAUSKAS, CSR, RPR,
 7
     do hereby state that I am a court reporter doing
 8
     business in the City of Chicago, County of Cook,
 9
     and State of Illinois; that I reported by means
10
     of machine shorthand the proceedings held in the
11
     foregoing cause, and that the foregoing is a true
12
     and correct transcript of my shorthand notes so
     taken as aforesaid.
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L.A. Court Reporters, L.L.C. 312-419-9292

				raye 319
<u> </u>	128:12 156:9	206:4 214:5,7	170:16,19	163:14 179:5
A	181:9 251:2,15	215:10,10,17	170.10,19	179:13 181:3
A-26 213:2	253:18	220:24 221:18	173:19 174:5,7	183:4 191:18
A-A 217:24	acclimate 122:9	222:16,24	176:24 177:2,5	228:18 311:4
A.D 1:16	accommodate	227:1 228:3	179:16 181:2	311:23
a.m 1:17 5:9	134:16 143:7	233:18 264:24	181:20,23	address 14:5
108:14 317:14	156:11 304:16	265:2,20 266:8	182:19 183:10	15:6 170:6
317:22	account 25:24	266:18,21	183:13 187:4	205:10 210:23
AA 301:23	26:16 87:21	267:11,13	228:2,10,21	283:6 292:24
abandoned	190:15 268:12	268:9,12,16	229:22 230:4	310:21
143:3 237:12	269:11 292:23	269:8 275:22	230:20 231:6	addressed 66:21
237:13	accounts 26:11	275:24 277:22	230:20 231:0	193:17 196:24
abandonment	290:11	278:5,7 280:5	282:4 284:19	311:6,12
87:1 183:15	accuracy 88:19	280:8,17,19,21	307:22 309:7	· ·
184:6	203:19	281:13 282:23	309:17 314:24	addressing 169:17,20
abate 174:7	accurate 88:20	283:3 286:5,8	actions 87:3	249:14
ability 129:2	94:17,18	291:8 302:2	120:12 274:5	adequately
able 10:17 17:12	103:19 118:24	310:18,19,21	actively 113:23	26:11
20:7 24:20	121:18 124:8	314:20,24	115:7 215:16	adhere 280:18
44:9 56:22	203:12,15	315:2,3	activities 37:20	adjacent 16:21
73:5 76:6	204:9 231:2	ACM-type	57:17 71:1,9	90:9 93:14
88:12 116:2	241:14,23	229:1	94:19,21 98:15	126:7 130:24
128:9 141:2	241:14,23	acquire 10:17	99:2 101:21	143:13 226:5
157:18 159:11	accurately 127:1	acquired 10:13	128:17 184:12	235:12 289:5,8
203:18 236:23	186:21 203:1	111:19 250:6	184:22 233:11	301:2
254:15 258:3	acknowledge	act 16:7,8 22:7,9	266:19 292:2,9	adjourned
258:17 259:6	187:23	120:11 121:6	293:21	317:21
285:4 289:6,7	acknowledged	134:2 233:10	activity 40:21	adjustment
296:22	138:9 274:5	233:21	55:22 72:2	296:7
above-entitled	acknowledge	acting 18:1	87:4 99:1,17	adjusts 163:9
317:21	194:15 274:3	114:20	99:23 100:2	administrative
absence 139:11	ACM 18:18 21:3	action 18:15	104:2 292:5,7	70:15 76:15
139:14 227:24	21:15 45:13	40:14 41:14	actual 9:20	I
231:12	55:3 56:11	42:8 51:3,4	24:22 25:3	102:9,23 103:5
absent 142:24	72:5 93:13	71:18 74:21	44:13 60:12	168:5,9 admissibility
abut 125:1	94:12 95:1,9	75:7,9,13 76:3	87:3 97:6	263:4
abutment	96:13 98:2,5	77:4,14,23	147:15 172:13	admissible
152:21	98:11,19 124:4	80:13,18,19,23	203:2 222:8	14:11
abuts 17:18	124:7 179:2,9	80:23 81:3	269:17 296:10	admission
abutting 161:11	180:8 184:13	82:4,14,20	298:20	195:11,18
accept 94:16	184:17,18	85:16,17 86:21	added 228:19	admit 61:11
273:19 276:18	188:1 189:11	86:23 87:6	addition 133:6	62:2
access 34:21	194:3 197:16	91:21 92:17	302:2	admits 16:17
48:20 99:1	197:23 197:10	99:9 103:17	additional 8:18	admits 10:17
105:8,10,11,18	197:23 199:4	168:6 170:13	10:4 86:2	38:6 40:6 49:9
106:3 107:4,7	177.10,41	100.0 170.13	10.4 00.2	36.0 40.0 49.9
	l	l		

110:21 118:9 110:21 118:9 255:6,7 317:7 agreements 39:9 170:4,5 advanced 249:23,24 adopting 195:22 advancing affiliated 14:2 agrees 27:24 advancing 151:19 281:1284:10,12 advantage 284:15,17 163:11 agreey 30:23 adverse 16:9 284:15,17 13:22 282:12 advisement 241:19 282:17 13:22 282:21 advisement 241:19 282:17 13:23 33:5 24:3 advised 223:3 advised 241:25 align 140:11 aligned 223:14 aligned 223:1					rage 320
136:17 181:23 118:24 249:20 agreements 39:9 170:4,5 and/or 41:6 43:9 93:14 180:8 andopting 195:22 250:3,9,16 affiliated 14:2 affiliated 14:2 168:9 106:4 107:4,8 ambiguous Andrews 3:6 ands 15:8 ands 15:8 ands 15:8 ands 15:8 angles 114:9 146:5,7,9 ands 15:8 angles 114:9 140:15 angles 114:9 140:15 Andrews 3:6 ands 15:8 angles 114:9 140:15 announce 6:3 ans 15:8 ands 15:8 announce 6:3 answer 76:6 aps 6:128:8 249:16 251:20 96:5 128:8 249:16 251:20 96:5 128:8 249:16 251:20 298:17 299:1 38:17 240:16 251:20 298:17 299:1 38:81 249:16 251:20 28:53 28:11 240:16 251:20 28:53 28:17 29:11 28:53 28:17 29	53:1 119:9	110:21 118:9	255:6.7 317:7	alternatives	288:13 289:22
182:3 249:23,24 250:3,9,16 106:4 107:48; 168:9 214:19 218:20 advancing 151:19 281:15,17 agency 30:23 advantage 284:15,17 agency 30:23 advisement 284:16 agregate 24:18 aligning 205:21 alignent 50:12 189:46 (216:1 agres) 242:12 428:17,19 69:13 69:16 70:25 74:20 93:20 197:7 201:24 280:4 280:4 204:1 225:2 280:4 204:1 225:2 280:4 251:1,16 52:19 266:1 268:21 51:1,16 52:19 266:1 268:21 51:1,16 52:19 266:1 268:21 51:1,12 28:22 301:18 305:16 31:17,22 62:6 285:3 299:1 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:25 313:14 31:22 317:22 30:11 160:1 160:24,24 45:18 40:14 47:14,21 49:14 166:8 190:4 47:14,21 49:14 259:1,11,16 260:9,10 293:17 31:22 133:17 31:22 22;24 25:11,11,16 26:09,10 293:17 31:21 133:21 31:21 23:17 31:22 33:17 33:21 148:23 39:13,7 31:23 31:7 31:23 31:7 31:22 33:17 33:21 148:23 39:13,22 33:17 33:21 148:23 30:19 31:4 180:8 Andrews 3:6 ambiguous 146:5,7,9 ands 15:8 ambiguous 140:55 ambiguo	i i		1	3	1
adopting 195:22 advanced artiliated 14:2 advanced 214:19 218:20 advancing 15:19 250:3,9,16 affiliated 14:2 afforesaid 318:13 advancing 284:15,17 advantage 16:91 168:9 314:19 218:20 agrees 27:24 advantage 284:15,17 agreement 19:4 agreegate 241:8 advisement 24:19 282:17 13:22 agree 32:21 ago 5:18 9:4 affiliated 14:2 agree 30:23 advisement 24:19 282:17 ago 5:18 9:4 aligning 205:21 agree 32:35 24:3 affiliated 14:2 agree 30:23 agree 32:2 agree 32:3 agree	1				3
advanced affiliated 14:2 aforesaid 318:13 agencies 27:24 advancing 151:19 affiliated 14:2 agencies 27:24 agree 241:8 adverse 16:9 103:21 197:1 agency 30:23 adverse 16:9 284:16 advisement 284:16 advisement 31:3:22 22 28:21 align 140:11 aligned 223:14 aligned 25:21 alignent 50:12 ago 5:18 9:4 alignent 50:12 alignent 50:12 ago 5:18 9:4 alignent 50:12 alignent 50:12 ago 5:18 9:4 alignent 50:12 ago 5:19:10 alignent 50:12 ago 5:18 9:4 alignent 50:12 ago 5:18 9:4 alignent 50:12 ago 5:19 ago 5:18 9:4 alignent 50:12 ago 5:19 ago 5:19 ago 5:18 9:4 alignent 50:12 ago 5:19 a	1	•	3		
214:19 218:20 advancing 151:19 281:284:10,112 advantage 284:15,17 agency 30:23 align 140:11 aligned 223:14 aligning 205:21 aligned 223:14 aligning 205:21 aligned 223:14 amendment amount 84:18 amount 8	1	, ,		, -	1
advancing 151:19 agencies 27:24 28:12 84:10,12 adverse 16:9 92:11 208:19 284:15,17 14:15 air 178:8,11 140:15 amending 201:19,21 Ann 1:12 318:6 adverse 16:9 284:16 advisement 13:22 103:21 197:1 agregate 241:8 282:21 aligin 140:11 aligned 223:14 alignent 50:12 amending 182:22 183:2,3 amount 84:18 86:48 9:21 announce 6:3 announce 6:3 annount 6:3 AECOM 3:5 68:17,19 69:13 69:16 70:2,5 71:16 73:5 134:17 149:5 100:5 101:3 134:17 149:5 189:4,6 216:1 alleged 197:24 alleges 20:16,20 298:17 299:1 240:19,220 285:3 answer 76:6 amendment aligned 223:14 answer 96:3 annount 84:18 annount	1 1		}	, ,	
151:19	1		i	1	1 0
advantage 284:15,17 algn 140:11 amendment 318:17 announce 6:3 <	1 0 1		1	ì	
163:11 agency 30:23 align 140:11 aligned 223:14 aligning 205:21 amounts 48:18 answer 76:6 alignment 50:12 189:46, 216:1 ages 189:4 aligning 205:21 alignment 50:12 189:46, 216:1 ages 189:4 alignment 50:12 249:16 251:20 24	i i	*	1 '		
adverse 16:9 103:21 197:1 aligned 223:14 182:22 183:2,3 annual 180:15 advisement 241:19 282:17 189:4,6 216:1 36:48 89:21 96:5 128:8 AECOM 3:5 ago 5:18 9:4 alive 23:8,10 298:17 299:1 249:16 251:20 68:17,19 69:13 100:5 101:3 alleged 197:24 alleges 20:16,20 28:17 299:1 249:16 251:20 74:20 93:20 197:7 201:24 alleges 20:16,20 Amounts 313:3 anymore 260:9 AECOM's 246:19,20 alleging 27:21 21:12 22:1 168:17,18 AECOM's 246:19,20 alleging 27:21 23:22 74:9 169:5,13 172:23 agree 14:23 224:16 263:2,3 allowation 120:12 126:13 170:20 283:17 aserial 25:14 95:10,23 128:8 311:67:166:3 135:1 143:8,9 169:5,13 170:20 283:17 56:21 57:8 276:17 277:1 265:11 237:6 166:14 122:3 276:17 277:1 265:11 237:166:3 154:15:15 223:18 276:14 160:24,24 45:18 46:14 47:14,21 49:14 45:18 49:14 45:18 49:14 40:1	, ,	•			!
284:16 adysement 241:19 282:17 aligning 205:21 amount 84:18 answer 76:6 96:5 128:8 13:22 282:21 189:4,6 216:1 94:3 275:14 249:16 251:20 289:17 299:1 285:3 249:16 251:20 285:3 answere 96:3 answer 96:3 answer 96:3 answer 96:3 answer 96:3 answer 96:3 answer 96:3 ans	1		, –	3	i e
advisement 241:19 282:17 282:21 alignment 50:12 189:4,6 216:1 86:4 89:21 94:3 275:14 249:16 251:20 96:5 128:8 249:16 251:20 AECOM 3:5 68:17,19 69:13 69:16 70:2,5 71:16 73:5 74:20 93:20 280:4 100:5 101:3 130:24 24 22:145:11 302:1 310:24 280:4 298:17 299:1 302:1 310:34 answered 96:3 answered 96:3 302:1 310:24 answered 96:3 answered	1 :		, –	1	l .
13:22 28:21 189:4,6 216:1 94:3 275:14 249:16 251:20 AECOM 3:5 ago 5:18 9:4 21:3 23:5 24:3 24:2 145:11 3002:13 10:24 298:17 299:1 285:3 68:17,19 69:13 10:5 101:3 24:2 145:11 3002:13 10:24 anwounts 313:3 anymore 260:9 Anyway 317:17 74:20 93:20 197:7 201:24 204:1 225:2 21:1 21:2 22:1 Amstutz 20:8,20 Anyway 317:17 AECOM's 246:19,20 agree 14:23 alleging 27:21 23:22 74:9 168:17,18 32:1,10,12,23 agree 14:23 95:10,23 128:8 32:11,16;52:19 269:2 272:1 205:11 237:6 136:17,19 283:22 apologize 56:21 57:8 276:17 277:1 265:10 25:11 237:6 154:4 155:15 223:18 276:14 223:18 276:14 60:3,4,14 278:13 284:2 204:7 27:1 265:10 154:4 155:15 223:18 276:14 240:19 283:22 290:19 182:10 208:1 13:122 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 290:7 297:14 314:21 314:21 414:21 49				ŧ	i
AECOM 3:5 ago 5:18 9:4 alive 25:8,10 298:17 299:1 285:3 answered 96:3 68:17,19 69:13 12:3 23:5 24:3 100:5 101:3 100:5 101:3 302:1 310:24 answered 96:3 71:16 73:5 134:17 149:5 306:19 313:15 Anyway 317:17 74:20 93:20 197:7 201:24 204:1 225:2 21:1 21:12 22:1 168:17,18 AECOM's 246:19,20 alleging 27:21 23:22 74:9 169:5,13 170:20 283:17 32:1,10,12,23 45:14,24 49:22 266:1 268:21 116:7 166:3 120:12 126:13 170:20 283:17 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 283:22 51:11,26 52:19 269:2 272:1 265:10 154:4 155:15 182:10 208:1 60:3,4,14 278:13 284:2 285:3 288:1 130:4 194:23 189:8 200:8 233:9 267:16 179:1 242:7 134:5 141:5,7 312:5 313:14 315:22 247:1 66:13 233:9 267:16 271:9,11,13,22 283:20 283:21 271:9,11,13,22 283:20 283:20 287:24 160:17 283:20	1		1 0		
68:17,19 69:13 12:3 23:5 24:3 24:2 145:11 302:1 310:24 answered 96:3 69:16 70:2,5 100:5 101:3 134:17 149:5 306:19 313:15 Anyway 317:17 74:20 93:20 197:7 201:24 alleges 20:16,20 21:12 22:1 Amstutz 20:8,20 20:41:12 280:4 204:1 225:2 21:1 alleging 27:21 23:22 74:9 168:17,18 172:23 agree 14:23 allocation 120:12 126:13 170:20 283:17 32:1,10,12,23 224:16 263:2,3 allow 87:17 129:20 130:1 182:10 208:1 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 283:22 56:21 57:8 276:17 277:1 265:10 154:4 155:15 182:10 208:1 60:3,4,14 278:13 284:2 285:3 288:1 130:4 194:23 189:8 200:8 233:9 267:16 134:5 141:5,7 312:5 313:14 315:2 313:14 315:23 312:1 283:21 308:17 271:9,11,13,22 4pparently 142:17 157:24 agreed 11:12 allows 25:7 290:7 297:14 133:7 142:23 129:2 23:8 27:1 165:18 293:21 <th>1 1</th> <td></td> <td>1</td> <td></td> <td>}</td>	1 1		1		}
69:16 70:2,5 100:5 101:3 alleged 197:24 amounts 313:3 anymore 260:9 71:16 73:5 134:17 149:5 306:19 313:15 Anyway 317:17 74:20 93:20 297:7 201:24 alleges 20:16,20 21:12 22:1 40C 41:12 280:4 246:19,20 alleges 20:16,20 21:12 22:1 168:17,18 172:23 agree 14:23 95:10,23 128:8 117:22 126:17,19 283:22 32:1,10,12,23 224:16 263:2,3 116:7 166:3 135:1 143:8,9 136:19 157:10 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 223:18 276:14 60:3,4,14 278:13 284:2 allow 4 194:23 189:8 200:8 apologize 16:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 182:10 208:1 16:14 122:3 312:5 313:14 311:23 312:1 311:23 312:1 Amy 3:10 apparent178:23 142:17 157:24 agreed 11:12 allowing 137:16 271:9,11,13,22 apparently 158:6,11 160:1 agreed 11:12 agreed 11:12 alter 131:7 164:18 197:15	1	0	1 '		
71:16 73:5 134:17 149:5 306:19 313:15 Anyway 317:17 74:20 93:20 197:7 201:24 alleges 20:16,20 Amstutz 20:8,20 AOC 41:12 280:4 204:1 225:2 246:19,20 alleging 27:21 23:22 74:9 168:17,18 AECOM's agree 14:23 allocation 120:12 126:13 170:20 283:17 aerial 25:14 95:10,23 128:8 117:22 216:17,19 283:22 32:1,10,12,23 224:16 263:2,3 allows 7:17 129:20 130:1 apologize 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 142:17 157:24 agreed 11:12 allowing 137:16 allowing 137:16 analysis 39:3 160:22 16:22,9 142:17 157:24 45:18 46:14 47:14,21 49:14 57:10 59:3,4			I		
74:20 93:20 280:4 197:7 201:24 204:1 225:2 alleges 20:16,20 21:1 Amstutz 20:8,20 21:12 22:1 AOC 41:12 168:17,18 169:5,13 170:20 283:17 AECOM's 172:23 246:19,20 agree 14:23 224:16 263:2,3 32:1,10,12,23 45:14,24 49:22 266:1 268:21 51:11,16 52:19 allocation 224:16 263:2,3 266:1 268:21 51:11,16 52:19 110:12 266:2 272:1 283:22 283:22 283:22 283:22 apologize 283:22 283:22 apologize 283:22 283:22 56:21 57:8 60:3,4,14 276:17 277:1 265:10 265:10 265:10 154:4 155:15 223:18 276:14 246:17,22 62:6 182:10 208:1 182:10 208:1 285:3 288:1 130:4 194:23 189:8 200:8 189:8 200:8 189:8 200:8 189:8 200:8 189:8 200:8 179:1 242:7 271:9,11,13,22 283:20 29parent 178:23 179:1 242:7 283:20 141:21 142:3,5 142:17 157:24 166:8 190:4 166:8 190:4 258:1,6,11,20 258:2,24 258:2,24 258:2,24 258:2,24 258:1,11,16 260:9,10 165:18 293:21 40:17 172:3 229:20 230:1 231:19 Amy 3:10 283:20 29:17 290:7 297:14 290:7 297:14 283:20 29:20 230:1 270:8 285:10 29:17 162:2 162:2,9 43:14 22:21 266:9,10 105:18 137:15 293:17 138:21 148:23 18ternate 172:2 29:17 206:5 229:10 291:7 291:7 290:7 291:7 291:7 290:7 291:7 293:17 188:19 199:0 291:7 291:7 291:1 290:10 291:7 291:7 291:14 291:14	1 ' 1		. ~	•	1 *
280:4 204:1 225:2 246:19,20 agree 14:23 21:1 alleging 27:21 allocation 23:22 74:9 169:5,13 170:20 283:17 168:17,18 169:5,13 170:20 283:17 3erial 25:14 32:1,10,12,23 45:14,24 49:22 51:11,16 52:19 56:21 57:8 60:3,4,14 60:34,14 61:17,22 62:6 285:3 288:1 130:4 194:23 131:22 132:2,9 131:22 132:2,9 131:23 132:1 143:23 132:1 143:24 123:5 142:17 157:24 158:6,11 160:1 160:24,24 45:18 46:14 60:24,24 45:18 46:14 60:24,24 625:1,6,11,20 25:14,17,20,24 258:1,6,11,20 25:14,17,20,24 258:2,24 62:12,18 63:15 293:17 138:21 148:23 1293:17 138:21 148:23 1293:17 138:21 148:23 1293:17 138:21 148:23 1293:17 138:21 148:23 139:19 293:17 188:21 148:23 148:23 148:21 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:21 148:23 148:23 148:21 148:23 148:23 148:23 148:21 148:23 148:21 148:23 148:2	1				1
AECOM's 246:19,20 agree 14:23 alleging 27:21 allocation 23:22 74:9 169:5,13 170:20 283:17 aerial 25:14 95:10,23 128:8 117:22 126:17,19 283:22 apologize 32:1,10,12,23 224:16 263:2,3 allow 87:17 129:20 130:1 136:19 157:10 51:11,16 52:19 269:2 272:1 265:10 135:1 143:8,9 136:19 157:10 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 apparent 178:23 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparent 178:23 142:17 157:24 315:22 allowing 137:16 analyses 199:21 apparently 166:24,24 45:18 46:14 ALM 167:15 314:21 133:7 142:23 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15	1		1 ~	1	
172:23 agree 14:23 allocation 120:12 126:13 170:20 283:17 aerial 25:14 95:10,23 128:8 allow 87:17 129:20 130:1 283:22 apologize 32:1,10,12,23 266:1 268:21 116:7 166:3 135:1 143:8,9 136:19 157:10 136:19 157:10 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparent 178:23 142:17 157:24 315:22 allowing 137:16 analyses 199:21 apparently 160:24,24 45:18 46:14 45:18 46:14 45:18 46:14 45:18 293:21 142:1 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:2,2,4 62:12,18	1 1	204:1 225:2	21:1	l .	168:17,18
aerial 25:14 95:10,23 128:8 117:22 126:17,19 283:22 32:1,10,12,23 24:16 263:2,3 allow 87:17 129:20 130:1 apologize 45:14,24 49:22 266:1 268:21 116:7 166:3 135:1 143:8,9 136:19 157:10 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparentl 78:23 141:21 142:3,5 315:22 allowing 137:16 analyses 199:21 apparently 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15	AECOM's	246:19,20	alleging 27:21	23:22 74:9	169:5,13
32:1,10,12,23 224:16 263:2,3 allow 87:17 129:20 130:1 apologize 45:14,24 49:22 266:1 268:21 116:7 166:3 135:1 143:8,9 136:19 157:10 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparent 178:23 141:21 142:3,5 315:22 allowing 137:16 analyses 199:21 apparently 158:6,11 160:1 agreed 11:12 allows 25:7 290:7 297:14 133:7 142:23 166:8 190:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:2,2,24 62:12,18 63:15 229:20 230:1 270:8 285:10 <th>172:23</th> <td>agree 14:23</td> <td>allocation</td> <td>120:12 126:13</td> <td>170:20 283:17</td>	172:23	agree 14:23	allocation	120:12 126:13	170:20 283:17
45:14,24 49:22 266:1 268:21 116:7 166:3 135:1 143:8,9 136:19 157:10 51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 283:20 apparently 142:17 157:24 agreed 11:12 allows 25:7 290:7 297:14 133:7 142:23 142:24 160:17 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 Appeared 2:14 259:1,11,16 70:15 105:11 2	aerial 25:14	95:10,23 128:8	117:22	126:17,19	283:22
51:11,16 52:19 269:2 272:1 205:11 237:6 146:1,15 149:7 182:10 208:1 56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 apparent 178:23 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 apparently 142:17 157:24 agreed 11:12 allowing 137:16 analyses 199:21 appear 33:4 158:6,11 160:1 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 appearance 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 <th>32:1,10,12,23</th> <td>224:16 263:2,3</td> <td>allow 87:17</td> <td>129:20 130:1</td> <td>apologize</td>	32:1,10,12,23	224:16 263:2,3	allow 87:17	129:20 130:1	apologize
56:21 57:8 276:17 277:1 265:10 154:4 155:15 223:18 276:14 60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparent 178:23 141:21 142:3,5 315:22 allowing 137:16 analyses 199:21 appear 33:4 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 <	45:14,24 49:22	266:1 268:21	116:7 166:3	135:1 143:8,9	136:19 157:10
60:3,4,14 278:13 284:2 allowed 121:4 165:9 184:23 apology 182:12 61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 apparently 142:17 157:24 agreed 11:12 allowing 137:16 analyses 199:21 apparently 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 47:14,21 49:14 169:17 172:3 206:5 229:11 164:18 197:15 166:8 190:4 57:10 59:3,4 169:17 172:3 206:5 229:11 43:14 258:2,2,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appearance 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 168:5,19 39:13,22 40:2	51:11,16 52:19	269:2 272:1	205:11 237:6	146:1,15 149:7	182:10 208:1
61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 283:20 142:17 157:24 agreed 11:12 allowing 137:16 290:7 297:14 133:7 142:23 158:6,11 160:1 agreement 19:4 ALM 167:15 314:21 142:24 160:17 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 Appeared 2:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 138:21 148:23 alternative 291:7 appearing 6:14 293:17 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	56:21 57:8	276:17 277:1	265:10	154:4 155:15	223:18 276:14
61:17,22 62:6 285:3 288:1 130:4 194:23 189:8 200:8 apparent 178:23 116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 283:20 apparently 141:21 142:3,5 315:22 allowing 137:16 analyses 199:21 appear 33:4 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alternate 156:8 188:19 199:6 164:18 197:15 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15 229:20 230:1 270:8 285:10 appearance 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 appears 52:12	60:3,4,14	278:13 284:2	allowed 121:4	165:9 184:23	apology 182:12
116:14 122:3 295:23 299:1 204:7 265:13 233:9 267:16 179:1 242:7 131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 283:20 142:17 157:24 315:22 allowing 137:16 analyses 199:21 appear 33:4 158:6,11 160:1 45:18 46:14 45:18 46:14 ALM 167:15 314:21 142:24 160:17 160:24,24 45:18 46:14 47:14,21 49:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 39:13,22 40:23 analyze 121:14 appears 52:12	61:17,22 62:6	285:3 288:1	130:4 194:23	189:8 200:8	
131:22 132:2,9 301:18 305:16 283:21 308:17 271:9,11,13,22 apparently 134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 283:20 141:21 142:3,5 315:22 allowing 137:16 analyses 199:21 appear 33:4 158:6,11 160:1 agreed 11:12 allows 25:7 290:7 297:14 133:7 142:23 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 164:18 197:15 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 39:13,22 40:23 analyze 121:14 appears 52:12	1 1	295:23 299:1	204:7 265:13	233:9 267:16	,
134:5 141:5,7 312:5 313:14 311:23 312:1 Amy 3:10 appear 33:4 141:21 142:3,5 agreed 11:12 allowing 137:16 290:7 297:14 133:7 142:23 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 142:24 160:17 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 164:18 197:15 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 206:5 229:11 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternative 291:7 appearing 6:14 293:17 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	i i			1	
141:21 142:3,5 315:22 agreed 11:12 allowing 137:16 analyses 199:21 appear 33:4 142:17 157:24 agreed 11:12 agreement 19:4 290:7 297:14 133:7 142:23 158:6,11 160:1 45:18 46:14 ALM 167:15 analysis 39:3 142:24 160:17 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 166:8 190:4 57:10 59:3,4 alter 131:7 164:18 197:15 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 appear ance 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 analyze 121:14 appears 52:12	1 ' 1			1 ' '	
142:17 157:24 agreed 11:12 allows 25:7 290:7 297:14 133:7 142:23 158:6,11 160:1 agreement 19:4 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 164:18 197:15 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 39:13,22 40:23 analyze 121:14 appears 52:12	1 ' 1		į.	, •	i
158:6,11 160:1 agreement 19:4 165:18 293:21 314:21 142:24 160:17 160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 164:18 197:15 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 39:13,22 40:23 analyze 121:14 appears 52:12	1 ' 1		1 -	-	
160:24,24 45:18 46:14 ALM 167:15 analysis 39:3 160:22 162:2,9 163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 164:18 197:15 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1	-	1	1	1
163:23 164:11 47:14,21 49:14 alter 131:7 71:2,14 186:15 164:18 197:15 166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1 '		\$	1	3
166:8 190:4 57:10 59:3,4 alternate 156:8 188:19 199:6 appearance 258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1 ' 1			, •	· ·
258:1,6,11,20 59:14,17,20,24 169:17 172:3 206:5 229:11 43:14 258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1		ì	i '	1
258:22,24 62:12,18 63:15 229:20 230:1 270:8 285:10 Appeared 2:14 259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1	· ·	1		
259:1,11,16 70:15 105:11 231:19 analytical 2:21 260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12				i e	
260:9,10 105:18 137:15 alternates 172:2 185:19 290:10 appearing 6:14 293:17 138:21 148:23 alternative 291:7 110:17 affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1 '	· ·	1	1	
293:17	1 ' ' 1		(, •	
affect 82:7 168:5,19 39:13,22 40:23 analyze 121:14 appears 52:12	1 ' 1		•	1	
	1 1		1	1	
amuavii 40:19 255:25 254:2 41:2 analyzed 2/8:1 62:4 98:24	£ I	,	· ·		,
	amuavit 40:19	255:25 254:2	41:2	anaiyzed 2/8:1	02:4 98:24
				l	

				raye 321
129:13 132:2	183:19 240:5	192:7 235:11	266:12 267:22	138:1 139:2,18
137:10 147:5	240:23 272:24	266:9 292:7,8	269:13,19	139:19,24
149:1 159:6,8	273:20	294:1 301:24	278:1 280:8	140:1,5 161:20
159:10 161:24	April 8:21 84:6	315:12	281:20 287:23	161:23 162:2
200:24 272:16	196:6	argue 9:22	288:3,23 289:2	asserted 53:5
295:5 301:7	Arcadis 69:23		•	1
1	70:5 71:10	argued 13:11	289:4,6,7	assessment 124:9 177:7
appendices 92:2	ì ·	argument	290:3,8,11,16	
appendix 92:3 92:15 104:3	archive 48:21,23	139:16,21	290:19,22	178:2 243:17
	57:16 58:4	arguments	291:2,12 292:1	301:19
applicable	archives 48:1,3	121:10	292:12,21,22	assigned 5:4
129:24 224:7	48:10,15 57:13	arisen 7:2	292:24 305:2	assignments
applies 182:21	58:6	arose 7:2	305:12 307:3,6	112:7
205:6	area 18:20 19:9	arrangements	307:16,20	assist 76:14 77:3
apply 130:1	19:10,23 30:17	194:2 197:15	308:4,9,16,23	77:9 88:12
144:17 293:20	34:7 36:3	arrive 285:11	309:21 310:3,5	assistant 22:24
applying 232:23	39:18 41:7	arrow 127:5	310:8,24 311:4	197:19
appreciate	50:6 51:18,24	as-built 114:8	311:5,10,11,14	associated 81:8
142:10	55:3,7 61:11	144:3 147:6,10	313:3	83:2,6 184:23
approach 35:23	62:3,5,10 69:5	147:17 271:21	asbestos' 179:6	243:16
150:20 159:24	90:9 127:23	Asauskas 1:12	asbestos-conta	Associates 111:9
170:6 222:2	128:16 131:8	318:6,17	16:16 18:9,12	assume 61:4
231:18 271:14	132:17 133:2	asbestos 19:17	20:22 23:13	92:16 103:19
287:12	134:11,14	22:2 25:24	34:16 35:14	205:6 255:19
approaching	139:3 141:23	26:2,3,5,7,12	37:8 39:8	256:3 258:9,14
307:8	142:19 152:12	26:22,23 43:2	54:21 115:12	273:13
appropriate	156:9 158:22	43:4,7,17,20	115:15,16,18	assumed 112:13
53:9 186:20	159:13,14	44:7 45:4	124:2 219:3	279:3
approval 42:7	160:8,13,18,19	87:19 95:5	220:11 265:23	assumes 116:9
174:4	160:21 161:10	123:13 178:17	asbestos-impa	assuming 85:7
approve 76:22	162:3,10,13	180:6,8,22	176:19	112:9
approved 77:2	174:2 194:3	184:24 185:3	ascertain 25:15	assurance
145:22 293:23	197:16 198:11	185:23 186:4,9	56:22 261:15	113:24 115:9
295:15	217:5,8 220:20	186:10,11,16	ash 248:19	assure 16:8
approximate	236:13,24	187:5,9 188:5	asked 10:11	145:1
80:17 81:6	237:14,21,21	189:23 190:2	46:3 58:10	AT&T 76:18
141:3 237:24	238:4,12 259:4	197:20 200:15	96:2 97:2	83:19 88:24
approximately	265:3,21	218:18,24	244:23 255:18	attached 46:19
5:17 68:20	266:13 268:13	219:5,7,10	asking 22:8	63:14 197:14
69:24 77:16,24	288:21,22	220:19 221:15	59:17 173:7	235:19 246:22
78:7 79:12	294:3 300:11	228:12,18	208:20 253:22	255:4,5 264:14
81:9 83:7	300:22 312:19	233:9 246:6,15	303:16	attachment
86:11 88:24	314:11,23	247:7,19	asks 75:15	236:4
108:14 125:8	areas 41:7 83:21	248:17 249:2,8	aspects 118:15	attempt 46:23
141:1 143:6	179:19 180:4	249:10,13,14	224:11 294:16	115:24 254:6
166:17 175:24	186:24 187:2	249:18 260:20	asphalt 137:23	257:9 261:14
			1	

				Page 322
276:6 302:12	43:17	awfully 221:9	268:2 270:20	218:10 236:21
attempted 57:3	autoclaving 44:4	awiuny 221.9	275:19 288:4	295:9
185:22	available 122:4	В	288:15 289:20	basing 230:9
attempting	152:9 255:19	B 67:23 135:4	297:7 300:20	278:17
121:13 170:17	295:4 310:2,20	157:18 160:15	306:7 312:15	basins 225:22
254:24 316:16	Avenue 10:1,14	161:3,6,7,10	317:9,10,12,13	basis 27:23 48:5
attempts 126:7	10:20 17:20	164:20,21	backfilled	180:15 230:15
attempts 120.7	20:6 33:11,14	210:6 217:3,3	213:12	l .
attention 31:20	33:19 35:4,5	217:16,16	backfilling	312:3 Bates 65:19
50:1 51:10	36:14 37:13	235:10,14	39:24 191:16	141:8 153:15
1	•	236:20 298:6,9	ł .	1
91:10,14 92:1	52:10 56:17,24	314:8	background	156:20,22
93:5 96:10	57:7 61:13,16	B-32 286:11	118:13 120:6	157:1 208:7
129:5 130:10	74:8 90:14	287:3,7,8,19	132:21 149:9	209:20 211:6
214:10 251:24	96:15 104:15	287:22	168:21 190:1	211:24 263:10
262:7 277:15	106:10 107:13	B-33 291:21	balance 52:14	263:12
278:21,24	125:7,11	B-34 290:12,15	barrier 172:6	BB 301:12,24
279:9,19 306:9	132:18 134:11	290:19 291:20	183:23	beach 32:13
309:10,12	143:12 160:14	B-345 289:1	barriers 19:15	307:4,11,17,21
310:13 312:14	162:7,17	B-346 288:18,20	50:4	307:22 308:4,8
314:12	165:14,24	B15 153:20	base 220:13	308:10,15,17
attorney 2:16	184:21 186:19	B3-14 291:22	based 10:11	308:18,20
6:4,5,6,17,20	189:7 192:6	1	48:18 60:4	309:4,18,22
22:24	205:21 214:7	Bachelor's	66:7 74:4,6	310:1,2,4,6,20
attributed 64:18	214:18 215:2	110:22	80:16,17 82:3	311:11
274:4	216:2 217:4,11	back 23:22	82:4 86:12	bear 22:14 27:2
authentic 14:11	217:14,22	42:13 56:10	120:6 138:8	92:5 285:20
263:2	220:4 223:15	59:17,24 61:5	145:6 146:18	bearings 124:12
authenticate	252:7 271:24	62:14 63:14	147:4 163:10	bears 16:18
46:24	272:17,18,21	75:18 89:17	164:22 169:15	began 42:17
authenticated	273:1 295:10	98:9 100:4	188:20 200:14	45:14 111:8,14
47:2	297:18	108:12 113:11	201:5 231:1	112:9 120:9
authentication	avoid 87:23 88:3	117:1 131:10	232:2 233:6,13	156:9 193:12
46:22	300:13,22	131:12 140:21	233:23 273:11	253:12
authenticity	avoids 226:16	143:4 145:13	284:4 293:14	beginning 30:14
53:2 64:12	aware 46:3 61:8	146:20 151:12	293:16,17,19	34:20 87:5
65:11	101:21 103:2,3	152:1 159:19	295:22 296:8	106:7 117:6
authoritative	123:9 130:2	162:7 165:7	bases 8:16 13:4	178:23
25:9 202:9	165:1 221:20	170:14,17	13:13	begins 37:3 93:8
authority	234:8 242:18	175:16,23,24	basic 120:5	behalf 2:14,21
168:20	257:17,23	178:20 184:9	190:1	6:14,17,21
authorization	259:15,18,19	189:9 191:17	basically 39:23	281:7
163:4	261:11 284:5	198:14 201:24	43:13,15 62:10	belief 73:4
authorized	284:12 295:20	225:15 235:18	95:9 178:7	believe 7:11
138:22	302:19 306:6	240:4 243:4	183:23 192:5	9:15 11:8
autoclaved	316:6,13	252:1 255:5	199:19 200:21	13:14 23:16

				Page 323
25:8,21 44:8	best 24:21 57:22	157:13,15	bottom 65:18	40:5,9 41:19
63:15 65:6	102:16 123:12	164:3	74:2 176:16	41:23 46:13,15
98:14 118:18	133:13 211:4	blue 33:20	178:16 189:13	47:4,5,9 48:12
119:6 120:1,11	240:23	155:20,21	199:17 218:1	48:13 49:8,11
120:15,19	better 85:23	159:14 161:5	272:10,15	52:24 53:10,15
122:8 123:19	221:10 260:3	board 1:1 2:2,6	boulders 130:17	53:19 55:13,16
124:17 125:20	beyond 315:12	2:7 3:7,8,8 5:4	130:20	62:23 63:2,7
126:23,24	bibliography	6:1 15:12 16:5	bound 232:6	63:23,24 64:6
127:3 132:8	264:14 270:16	22:9,10 24:5	boundaries 19:8	64:8,12,16
133:24 137:22	312:18	25:21 27:2,5,7	294:9	65:1,12,24
138:5,11,16	bid 114:18	28:4 33:7 37:1	boundary 91:8	66:3,9,12,18
143:19,20	bidding 114:23	117:19 206:11	123:11 125:2	66:24 67:8
144:19 145:12	bids 114:16	315:5,6 316:7	133:21 217:17	68:3,15 73:11
146:21 147:22	115:1	316:7	219:23 294:5	73:15 75:23
149:6 151:17	big 72:15 187:5	Board's 5:14	313:4	76:12 78:16,22
154:6,8,14,20	237:14	66:8	Bow 92:23	79:8,15,22,23
159:21 163:20	billed 241:17	body 133:11	boxes 216:19	81:12,15 83:8
164:2 167:6,22	billing 241:12	bolded 184:14	Brad 5:2	83:13 84:20
169:22 170:8	binder 28:21	227:20	BRADLEY 1:11	85:13 89:2,4
170:12 172:17	38:11,13 91:13	book 40:3	2:4	95:11 96:2
181:22 182:22	91:13 92:7	136:23 230:11	brake 42:23	97:13,14,16
183:8 186:21	157:4 213:2	Boos 111:23,24	315:5	101:10 102:16
186:23 187:18	234:19 245:8	border 52:13	break 71:5	104:5 105:24
187:20 189:4	279:5	bore 297:20	89:13 108:5,8	106:2 107:18
192:20 198:16	binders 91:12	300:7	175:12,19	107:21 108:15
215:24 228:22	210:9,11,16	boring 112:23	239:16,20	108:17 109:6
229:4 233:10	216:12	138:18 152:14	240:6 260:21	109:12 110:3,7
234:18 236:3	bit 42:14,15	152:17,24	316:6	118:5,8 119:8
237:13 240:9	44:23 72:18	153:19,24	breakdown	119:12 125:22
240:21 243:2	74:18 111:10	200:12 288:15	232:18,20	126:2 128:3,4
245:6 247:1,3	124:13 145:14	300:12 301:2	breaks 186:10	128:19 129:6
248:6,12	158:23 159:17	borings 26:19	breathed 178:18	129:10 134:4
252:11 262:15	162:11 167:10	93:18,24	breathing 178:8	135:14,18
264:2 266:16	180:18,20	152:10 153:21	178:8,11	136:1,22
266:19,20	291:23	214:6 218:19	Brent 3:9 46:19	141:13,17
270:3 274:19	black 127:16,17	219:11 221:1	Brice 2:12 4:5	142:1,11,15
281:4,12	blank 157:4	277:21 280:2	6:10,11 7:4,6	146:12,13
282:14 285:14	blocking 133:11	280:12 288:7	13:19 14:19,22	147:21 148:2,5
286:11 293:3,7	blocks 152:14	289:12 291:3	15:9,13,17	150:2,7,9,12
295:1 301:8	152:17	299:6 300:19	16:1,3 22:18	150:15,19,23
303:19 308:21	blot 282:1	300:21	28:12,14,19	151:3,8,9,23
311:8 313:6,22	blow 164:10	borne 16:10	29:17 32:16,21	157:2,5,8,11
believed 27:22	blown 135:7	borrow 130:24	34:13 35:11	157:24 158:4
believes 22:4	blowup 142:8	144:17 192:1	36:21 38:5,8	162:20 163:1
beneath 252:16	154:15 156:19	192:15	38:12,15,21	173:15,16,17

1				rage 324
175:4,7,13	130:20,20	business 84:8	capacity 56:6	291:18 317:22
176:7,10 182:2	179:5 180:6	196:10 318:8	248:8	318:11
182:5,9,13,16	210:9,11 261:3	buts 15:8	capping 39:17	caused 16:14,15
185:12,17	brought 27:10	buy 277:9	capture 247:13	22:15 266:13
192:20 193:1,6	201:15 209:9	bypass 19:20,22	289:16	causes 96:17
194:22 195:4	218:12	159:2 184:21	captured 147:16	Cave 2:9 3:9
195:15,18,21	Bryan 2:9 3:9	194:7	199:6	6:12,15 241:11
196:17 198:5,6	6:12,15 241:11	134.7	care 117:14	ceased 141:4
198:9 201:14	build 20:14,15	С	care 117.14	261:22
202:18,19,22	114:13 268:15	C 2:1 3:1 29:13	carried 194:5	cement 189:23
203:11 205:13		29:16 55:19		i
1	building 112:14	68:2 89:18	carry 165:20	center 1:15
205:14 206:22	116:21 191:11	97:15 101:17	cars 50:13 52:17	164:13 220:4
207:14,21,24	252:21	106:1 109:11	60:19 133:6,23	287:2
208:6,22	buildings 51:18	210:6 220:3,3	134:3,11,16	centered 87:12
209:14 210:10	built 17:20,21	220:5 240:15	case 5:4,9,16	164:13 271:24
210:15,18	20:4,19 61:6	318:3	9:17 13:9	central 20:13
212:9,19,22,23	128:14 147:14	cable 301:1	16:12,20 17:4	23:6 57:18
216:22 222:2,5	147:18 155:15	•	18:7,22 23:4,7	CERCLA 18:16
234:12,16,20	156:4,14	CAD 113:12	23:7,9,19 24:7	117:16,17,18
235:1 238:20	bumpers 23:14	Caisman 2:13	26:15 27:3,8	certain 13:12
238:21 239:2	46:5 54:22	6:13,14 7:7,9	28:3 31:3,13	21:10 23:8
239:11 245:9	60:18 61:9,10	7:10 8:4,7,9,24	57:22 58:11	31:17 117:11
262:12,17,20	72:8 137:24	9:3,8 12:7,8	64:21 70:16	128:12 129:3
263:5,8 265:6	227:13	14:8 15:1	97:18 109:17	129:18 138:7
265:14 279:11	burial 124:4,6	28:12 38:17	112:20 118:15	169:2 170:4
284:21 285:23	buried 18:13,18	135:21 210:1	119:20 121:21	173:8 184:1
286:12,17	20:17 21:16	210:12	123:16 125:13	189:6 206:5
296:17 297:15	22:3,6 120:15	call 28:15 67:8	133:1 178:6	224:24 264:18
311:15	121:3 131:3	91:14 108:15	184:5 187:14	274:8 289:19
Brice's 176:4	179:2,9,11	108:18 279:19	226:4 244:18	299:13
293:6 295:7,8	184:18 185:1,4	310:13	244:23 248:5	certainly 101:24
bridge 165:20	194:17 216:1	called 10:8 17:7	248:16 259:17	112:21 114:7
273:6	221:18 223:24	17:7 29:14	285:9 292:10	115:18,23
briefly 18:23	227:10,24	52:15 56:13	301:7	116:12 117:7
101:15 124:19	228:13 231:12	67:24 109:9	cases 183:15	122:2 133:14
briefs 5:24 28:7	266:18 267:13	129:20 177:6	200:8 248:12	139:24 161:24
bring 139:19	273:18,21	191:20 250:5	249:7 289:14	187:21 188:4
165:13 191:19	274:2,6,22	259:1 295:24	catch 225:22	190:15 204:9
216:8 276:13	275:2,15,16	Calling 93:5	286:13	247:13 253:16
bringing 15:12	278:22 290:24	calls 75:14	catching 286:16	256:9 264:22
222:1	Burke 2:7 6:3	127:24 194:20	categories	268:23 269:4
broadly 103:10	bury 21:11,22	284:21	123:22	270:11 276:5
broke 210:6	130:4 227:1	cap 39:15 40:1	causation	277:4 278:9
215:11	275:24	41:9	226:24	285:6 294:1
broken 73:1	burying 197:21	capable 5:24	cause 16:10	300:11 302:15
3.0.0	~~~ , , , , , , , , , , , , , , , , , ,	*		300.11 302.13
	·	I .	I	I

<u> </u>				Page 325
certainty 21:14	cinder 138:17	client 233:10	ComEd 16:24	76:18 77:21
119:24	circle 17:13 34:5	clients 112:8	19:8 168:4	company 47:15
Certificate 4:16	159:12	117:10	214:17 252:6	69:23 76:19
cetera 126:15	circumstance	Clinton 3:3 4:7	252:10	87:17 88:18
challenge 24:5	312:2	4:8 28:15,17	ComEd's 138:23	252:14
chance 104:8	circumstances	29:8,20 30:2	comes 33:14	company's
122:17 204:3,4	233:15 234:2	31:24 35:7	114:9 180:19	113:17
change 85:19	316:10	36:10,22 38:22	182:4 195:8	comparable
112:1 131:6	citation 242:8	40:10 41:24	205:10	309:3
144:8 163:5	cited 282:8	46:16 47:10	comfortable	comparative
203:4,15 236:4	312:17	48:14 49:12	305:11	231:21
296:1,4,4,11	citing 224:3	51:12 53:20	coming 178:4	compare 160:2
changed 40:22	city 9:24 10:12	55:21 67:1,3	207:20	223:6 291:9
changes 82:11	104:15 105:1,6	122:18 123:9	commenced	316:16
85:14 138:7	105:11 106:14	134:18 254:22	5:10	compared
163:10 200:22	318:8	close 12:10,10	comments 25:9	142:20 172:23
296:8	civil 30:7 112:15	44:18 117:15	309:19	comparison
characterizati	claiming 8:15	187:16 200:5	commitment	25:22 229:17
39:3 53:12	claims 21:5 24:6	226:23 287:24	9:15,21 10:7	307:11 310:22
54:2 218:21	clarification	300:15 312:13	10:10 11:16	Comparisons
268:22 270:4	10:18 107:11	closed 11:11	12:1,4,13,19	229:11
characterize	clarify 210:1	coincide 94:13	12:22	compel 283:22
100:2 202:14	Clark 2:9	98:13 100:7	commitments	complainant 1:4
characterized	clean 15:1 18:19	280:6	168:22	2:14 5:5
283:1	39:24 41:5	collected 185:20	committed	241:17
characterizes	87:7,10 90:20	186:1,15	21:20	complaint 78:2
308:6	99:10 169:1	188:22,23	common 276:24	complete 147:17
characterizing	173:7 176:19	199:7 206:4	Commonwealth	169:12 177:10
95:24	183:18 292:22	215:14 277:24	19:4 32:15	completed 71:12
charge 45:5	clean-up 117:20	288:5,14	34:18 45:18	71:15 80:21
143:14,16	117:20 283:6	289:12,21	47:15 49:14	84:14 87:4
charging 240:19	292:18	291:4 314:21	73:21,22	140:3 147:7
check 282:1	clean-ups	collection	100:11 104:11	149:17 151:19
chemical 69:2	116:19	211:13	104:13 105:9	183:18 185:22
cherry 293:1,3	cleaner 15:11	color 17:14 44:4	106:11,12	232:24 277:21
Chicago 2:3,10	cleaning 116:20	44:6 72:24	137:11 283:19	completely
2:18 307:18	116:24	152:3,7 161:4	communicated	209:2
318:8	cleanup 18:17	Colorado 48:19	54:13 59:22	completing
chief 197:19	30:24 311:24	come 15:6 22:11	communication	169:3
chose 259:22	clear 62:7 153:4	105:5 106:24	73:20 80:4	complex 45:20
276:22 291:6	209:19 260:9	117:11 127:7	communicatio	compliance
303:10	clearer 209:22	131:12 145:24	88:18	22:11 111:17
chosen 274:15	clearly 74:8	171:18 180:18	compacted	111:18 117:23
chronology	159:5 207:4	184:1 192:15	130:19	complicated
167:23 170:10	276:7 284:16	286:7,9 302:13	companies	69:12
			1	

				Page 326
. 1. 1.22.00	120 21 122 24	. 20.7	00.00.01.17	054161004
complied 33:22	130:21 133:24	connect 20:7	20:23 21:17	254:16,18,24
155:10,22	187:21 223:23	connection 46:8	23:21,22 24:1	255:15 266:13
158:7	223:23 224:12	consent 70:15	24:13,15,21	273:12 291:17
component 278:1	concrete-like	102:9,23 168:5	25:1,3,15,17	292:2 293:8,9
	72:13	168:10	26:9 43:15	293:10,22
comprehensive	condition 131:6	Consequently	46:3 58:16,19	294:5,10,13,15
268:24 269:1,2	conditions 112:23 116:7	93:13	61:5 62:21	294:16,18,23
269:4,5 270:1		conservative	72:2 74:9,24	295:2,19,23
compromise	117:12 121:2	231:18	85:23 93:11	296:2 304:12
224:24	122:9 123:2	consider 48:23	99:2 100:14,18	304:17 314:4,7
concedes 19:2	135:1 136:14	226:24 252:23	101:21 103:12	314:10
concentrated	138:8 147:7	253:7 269:9	113:24 114:2,5	construction-r
268:13	149:19 167:11	considerations	114:7,24 115:3	243:18 244:5
concentrates	167:20 169:17	285:8	115:7,8 116:17	consultant 69:21
112:15 290:23	169:21 170:6	considered	120:12,17	69:22 243:12
concentration	171:1 174:19	16:10 121:5	123:2,2,14	284:5,24
111:6	174:21 191:5,6	124:7 170:3	126:12,15	consultants 3:4
concentrations	193:15,16	185:19 190:11	127:10,23	26:24 111:23
290:9	199:11 206:18	191:9 281:14	128:5,15,17,21	111:24 112:2,3
concept 173:7	213:8 228:23	considering	128:22 129:3	112:4
225:3	236:23 307:12	112:22	135:3 136:10	consulting 54:1
concern 177:16	307:16,20	considers 283:4	136:14 137:21	69:13 70:2
178:7 179:2,8	308:2 313:10	consist 302:21	138:10 139:10	71:4 112:14
180:22 194:4	316:14	consistent	139:23 140:24	241:10 244:24
197:16 198:11	conduct 233:8	151:21 162:8	143:8 145:1	contact 75:1
228:23 229:5	conducted 5:13	215:23	147:4 148:18	178:4
304:10	73:5	consistently	149:11 150:4	contain 43:2
concerned 47:1	conducts 177:6	228:7	153:6,7 154:19	110:12 119:19
178:17 241:22	confident 28:8	constituents	156:10,12	186:9
concerning	242:22	115:17 289:23	158:14 159:1	contained 224:6
122:14 123:1	configuration	constitute 253:6	160:2,3,14,15	232:19 249:2
138:7 193:14	52:3,7 126:6	constituted	160:16,18,22	268:16 315:2
concerns 215:10	confine 50:5	105:1 268:19	163:12 165:13	containing
228:11	confirm 39:7	construct	184:12,20,22	264:24
concluded 177:8	215:3	236:19 237:2	190:6,9 191:11	contains 19:17
concludes 8:7	confirms 50:16	constructed	194:6,16	64:20
conclusion	134:21 158:13	19:20 23:11,13	197:18 206:9	contaminant
147:8 154:9	confront 26:10	60:13 61:12,19	215:1 216:2	178:3 290:3,5
214:22 222:22	confused 153:7	63:17 102:14	218:6,12	contaminants
284:1	congestion	132:4 134:22	225:11,22	34:14 35:12
concrete 19:14	49:20	138:13 158:16	232:5 244:8,12	37:6
19:17 20:17	conjecture	189:8 258:19	244:18 245:1	contaminated
21:11,21 43:12	96:24	264:23 273:2,6	245:23 246:4,5	115:12 174:1
43:16,21 72:21	conjunction	construction	247:7,18	174:12 178:9
73:7 120:13	30:18 268:18	19:22 20:1,3	250:18 254:8	178:11

				Page 321
contamination	controlled	95:16 98:16	298:14 299:10	81:2 83:2,3,6
27:17 115:22	144:11	101:1,5,7,9	300:16,23	90:2,4 120:22
169:6,9 248:20	controls 184:1	101:1,3,7,9	301:3,4,6,14	229:24 230:2,6
contemplated	controls 184.1	102.2 103.22	301:15 302:4,7	232:15,19
138:8	269:12	107:13,14	302:8,23	311:23
contends 23:12	conversation	107:13,14	303:18 304:3,4	counsel 6:8 9:10
contents 210:15	50:16 122:13	119:3 123:24	306:20,21	38:10 46:23
continue 317:8	123:5 134:18	125:14,17,18	308:5 311:2,7	65:10 197:19
continued 3:1	254:21	154:22,23	312:21 314:6	198:17 208:10
5:11 230:19	conveyance	155:16,17	315:24 318:12	249:23 253:22
continues 21:2	250:12	161:1,8,18,19	corrected	254:11
292:16	conveyed 254:10	163:16,17	242:16	counsel's 242:14
continuous	255:1 270:4	166:14,15	correction	252:19
95:20,21	Cook 1:13 318:8	171:21,22	198:18 200:20	country 28:1
contract 137:10	318:18	171:21,22	correctly 105:3	country 28:1
143:7 144:5,6	coordination	173:16 178:24	156:15 265:22	1
163:5 296:7	71:20	179:17 192:13	287:6	County 1:13
contractor	copies 135:7		correlate 212:4	174:3 318:3,8 318:18
21:20 86:13	copies 133:7 copy 33:7	203:9,10,19 224:4,5,14	correlate 212:4	couple 7:16
138:9 163:6		225:7 229:13	189:1 223:13	
226:9 232:22	109:23 152:3,7 157:4 198:18	230:7,12,14		111:19 122:15 137:8 190:24
contractor's	corner 16:23	, ,	correspondence 196:23	1
226:13	33:2 39:18	231:3,5 232:16 232:17 233:21		202:20 241:2,4
		233:22 241:23	corresponding	course 23:18,20 24:23 25:3
contractors	91:7,19,22		220:6,7	į.
76:20 77:13,21 78:3 128:20	148:7,12 152:1 183:21 291:22	243:12,13	corresponds 300:8	61:23 84:8
130:4 144:7	291:23	244:15,16		113:21 115:7
145:2 232:22		248:14,15,20	corridor 90:20	129:17 144:4
	corporate 48:16 57:13	249:19,24	99:11 173:8	144:10 183:24
281:7,9 282:18		250:1,8 253:23	183:18 280:11	190:11 196:9
contradict 282:13	corporation 1:3	255:7,8,10,11	corridors 18:19	204:20 230:5
	73:21 250:6	255:17,19	41:5 87:7,10	242:6 254:4,13
contradiction	correct 8:4,23	257:16 258:7	87:16 176:20	255:21 257:7
282:10	9:8 31:5 54:6	258:13 259:17	181:7 183:5	261:1,9 272:23
contrast 231:24	55:24 56:13,18	260:14,15,17	cosigner 92:21	284:19 302:11
contrasts 178:5	56:24 57:7,13	260:23 263:5,8	cost 39:3 50:10	305:19 306:2
contributed	58:20 59:18	264:11,12,15	71:14 80:12,15	coursework
77:6	60:21 61:1,13	264:16 266:3	81:6,7,21 82:2	111:1
contributing	61:24 62:15	266:14 267:20	82:9,12 86:9	court 4:16 12:24
187:20	64:7 65:12,24	271:1 274:18	86:17 90:23	13:23 16:6
contributor	70:6,7,16,17	275:7,8,11,16	115:1 124:5	22:13 29:4
188:5	79:18 82:21	275:17 277:10	229:11 230:15	36:5,11 67:14
control 1:1 2:2,6	87:8,9 89:22	284:19 293:11	230:18,21	108:20,22
3:7,8,8 5:4,19	90:3,12,16,17	295:11,17	231:17 232:4,5	318:7
13:15 21:2	92:20,21 93:3	296:14 297:15	306:18	covenants 184:2
250:13	93:4 94:8,9	297:22,23	costs 71:2 79:11	cover 39:16 41:9

				Page 328
113:20 131:3	186:10 227:9	darker 44:4	315:3	133:21 260:13
147:5 183:24	229:3 290:24	72:24	decades 27:13	demarcated
covered 180:9	305:19 306:1	dash 127:17	December 54:7	272:11
crafted 299:3	CS 76:21	data 21:14 26:12	149:3	demarcation
crazy 208:3	CSR 1:12 318:6	26:16,21 92:18	decide 6:1 27:3	272:10
create 19:15	318:17	104:18 185:20	27:5,7	demarcations
20:11 41:4	cubic 39:17	281:19	decided 283:20	140:20 143:2
87:20 131:5	183:19 192:2	date 32:22 33:4	309:24	demo 116:22
139:3 143:11	culmination	42:3 47:18	decision 118:1	demo 110:22
191:19 213:4	169:23 174:16	52:19 54:5	205:5	117:1 246:14
231:4	culvert 236:7,7	73:23 81:23	decrease 82:12	
created 24:23	237:5,16 238:5	82:22 85:17	decreased 82:10	265:2,19,20 demonstrate
160:13 217:2	237.3,10 238.3	93:17 94:4	deed 8:22 9:6	213:9 282:11
220:10 236:21	culverts 235:14	102:4 134:5	deeds 9:12,20	291:6
creates 199:8	235:21 237:8	140:24 141:3	10:17	1
creating 18:19	cured 43:17	150:4 161:1	deemed 213:10	demonstrated 183:12 280:20
90:20	curious 85:2	164:9 228:16	deep 187:9	280:23
creation 92:19	current 18:17	241:17 242:10	238:3	demonstrates
99:10 176:19	30:2 68:21	242:12 268:20	deeper 41:4	220:18 277:6
credentials	86:22 106:16	270:2 279:20	280:9	demonstrating
248:7	106:17 182:18	280:1	defect 289:1	206:6
creep 180:16	183:9 191:5	dated 84:6 91:20	define 85:23	demonstrative
critical 18:22	230:3 232:2	119:18,18	95:4 128:16	171:13 183:12
27:5 174:5	currently 86:24	126:22 149:1	134:1 276:4,6	201:15 206:11
cross 136:5	106:14 180:9	164:11 196:23	defined 294:4,5	229:10 231:5,9
239:17 240:9	182:21 183:11	250:17	definition	denied 41:16
Cross-Examin	184:17 229:22	dates 148:15	233:20 276:12	denies 20:16,21
4:8,10,15	267:12 275:22	dating 165:7	276:15,18,20	21:1
cross-reference	307:2 310:24	day 1:16 11:19	281:17,21	Dennis 28:15
92:4 264:7	cut 51:8 190:13	202:15 204:11	degradation	29:20
cross-section	190:22 192:8	204:15 207:8	228:17	Denny 254:22
199:8 201:1	CV 246:21	212:16 231:22	degrade 260:21	Denver 48:18
217:1,15,24	247:1,2,4	315:19	degree 30:5 69:1	57:13
220:6,8 297:13	cycle 180:8,12	daylight 238:11	119:23 189:6	department 1:6
297:17,21	180:17 228:11	days 7:16 9:4	266:17	5:6 6:18,21
298:6,23 299:4	228:12 308:1	deal 13:17	degrees 68:24	193:19 194:5
300:11 301:12		120:23 309:2	Delaware 1:2	197:14,22
301:23,23	D	dealing 28:19	delineate 19:8	198:2
cross-sections	D 4:1 29:13,16	197:20	19:14 123:11	depend 258:18
112:24 217:9	68:2 97:15	deals 312:18,19	260:16	depict 126:4
219:22 220:1	106:1 109:8,8	dealt 22:2 27:9	delineated 52:13	215:16
220:10	109:11	debris 96:14	186:18	depicted 124:23
Crull 13:10	damage 22:14	167:19 188:2	delivery 145:22	127:12 140:13
crushed 20:17	88:7	215:10 219:7	delve 104:20	153:19 154:1
120:15 184:24	Daniel 3:7 6:4	246:12,13,15	demarcate	155:4 186:21
		.,,		
		-	-	•

				raye 329
187:10 199:21	describes 124:10	187:16 200:16	developing	differentiate
219:3,9,11	describing 90:7	215:17,17,19	113:20 114:18	186:5
220:13,23	162:15 247:17	220:24 286:8	development	differently
287:1 299:2	description 99:3	288:3 291:3	69:9 74:23	307:12 310:1
depicting 51:17	110:13 299:20	292:12	111:17 164:23	differs 208:11
213:17 218:14	descriptions	detecting 188:9	250:24 251:4,5	difficult 44:10
222:13 229:15	152:24	detecting 100:9	deviate 75:12	140:18 158:17
depicts 126:5	design 93:1	determination	76:2 77:1	161:22 207:23
deposed 8:10	113:5 114:8	173:23 174:19	deviations 144:9	210:21 237:10
58:11 242:4	115:6,8 117:20	285:9,11	diagonally	difficulty 35:18
316:21	126:19,21	determine 86:3	132:19	269:15
deposeth 29:15	127:20 135:2	104:18 116:11	diagram 62:13	i '
68:1 109:10	147:2,6,13,19	144:13	1 –	dig 205:1 213:23
		determined	63:14 255:5,13 255:14 299:3	digging 18:18
deposit 308:3	148:19,23,24	1		diligence 111:16
deposited 226:4	149:10,13,16	18:10 21:17	diameter 44:15	dimension 52:11
307:21 316:11	149:18 151:20	detour 20:14,19	diameters 44:14	221:10 224:24
316:12	167:2 190:12	102:15 103:7	dictionary	260:8
deposition 10:9	191:20 200:7	135:3,4,4	276:13,17	dimensional
11:10,14 12:9	206:2,15 218:4	136:6 139:17	281:23 282:1	259:7,8
97:22 132:6,7	243:17 250:11	155:12,14,19	differ 41:1	dimensions
136:16,18	251:10	155:24 156:4,6	difference 41:3	44:11 62:14
151:22 242:7	designated	156:14 157:18	44:9 72:20	238:7
242:11,19	130:23	157:18 158:6	73:6 127:22	direct 4:7,9,14
245:4,9,12,13	designed 251:16	158:15 159:4	204:19 210:13	31:20 49:24
246:6 264:17	251:18,21	160:6,6,15,15	310:22	51:10 88:17
293:5 313:7	255:15	161:3,5,7	different 28:2	129:4 130:10
depositions	designer 114:20	162:5,16 163:8	28:23 33:24	175:3 176:4,9
11:23	designing	163:15,22	43:7 71:4	226:1 240:8
depth 180:14	113:18 114:2	164:15,17,19	115:9,10	252:20 278:24
200:9 201:4	118:1 149:19	164:20,21	123:22 127:1	309:12
218:5 238:10	294:19	189:5 190:9	142:20 161:4	directed 263:24
260:7 289:22	desk 113:9	199:9 200:16	188:16 189:18	direction 34:11
depths 41:4	desperate	216:2 217:13	209:3,20 215:8	52:11
199:15 200:4	315:12	217:20,20,22	218:23 219:2	directly 52:10
describe 36:24	despite 21:14	223:15 232:11	219:10,20	248:3 269:11
52:2,7 123:4	destroyed 143:7	235:10,14,20	221:14,15	288:19
124:22 160:10	detail 62:7	236:19,20	239:1,3 249:12	disagree 270:6
162:14 171:19	167:10 185:7	237:4,6,20	261:23 264:7	disbursed
194:1 221:9,11	190:21	238:13 314:8	280:22 288:11	120:16
236:16	detailed 99:18	develop 148:18	289:13,13,15	discarded
described 50:24	104:21 114:19	254:5	289:17,18	233:19
80:22 143:10	223:1	developed 120:8	290:9 291:3,3	discern 158:17
171:20 187:8	detect 287:23	131:16 147:3	293:2 312:7	discernible
215:13 218:23	288:21,23	252:21,24	differentially	142:6
316:15	detected 185:24	253:6,7,17,20	180:7	discernments
310.13	aciccicu 103.24	222.0,1,11,20	100./	aiseei minents
	I	I	I	ı

				raye 330
179:12	315:13	46:21,22 47:18	313:9	149:22 163:3
discharge	dispersion	47:20,23 48:3	documented	176:3 185:18
237:22	184:16 189:11	50:15 53:1,5	26:19 271:7	188:9 193:7
disclosed 10:23	267:11 275:22	54:6 58:22	297:21	196:18 201:22
13:1,14 121:23	disposal 16:15	59:1 63:16	1	202:7 204:7
disclosure 8:17	131:6	73:17,24 74:11	documenting 54:1	205:17 212:24
13:2,5,9	dispose 275:24	79:16 80:3,8	documents 7:13	213:3 216:23
1 ' ')	i .	1
discover 45:17 223:10	disposed 22:7	80:11 81:1,17	7:21 8:12,13	240:6,17
1	130:22 131:4	81:20,24 82:16	8:15 9:13,18	264:10 297:10
discovered	184:18 197:24	82:23 83:15,24	10:5 11:16	305:6 317:15
45:13 56:11	225:24 226:7,8	84:21 92:3	12:3,16,21	Dorgan's 25:22
242:15 290:19	267:13 304:8	97:20,21	13:8,12 24:11	25:23 26:11
discovery 5:12	dispute 20:14	100:19 102:13	24:21,23 48:17	97:18 98:18
7:15 11:11,23	41:12 129:23	103:15 110:9	48:18,20 58:15	100:23 175:12
12:10,11 208:1	distance 90:8	119:14 124:24	58:18 63:13,16	185:14
210:3	125:10 272:6,6	125:21 126:3	97:5 104:22	dotted 18:3
discreet 95:5,7	272:24	129:17 131:20	114:21 116:10	218:1,2,3
95:16,17,19	distinguished	135:12 137:4,6	122:1 123:15	double 195:8
96:7	207:4	137:9,12,14	123:16 129:19	259:2
discuss 18:23	distributed	141:12 142:16	143:22 144:5,7	double-check
54:15 185:7	265:2,21,24	147:7 148:7,10	147:1 153:2	164:4
197:15 204:4	266:8 269:13	153:19 155:8	197:13 204:22	Doug 80:6 132:8
222:19	distribution	155:12 162:20	209:17,19	164:2
discussed 191:1	32:15 98:2,5	163:3,4,7	210:7 295:14	Dougherty 3:4
224:10 225:2	124:1	164:9,10	295:24	Douglas 3:4
236:1 264:18	District 13:10	173:23 174:4	doing 16:12	4:14,15 109:15
269:23	disturbance	179:23 185:11	111:10,11,14	109:24 118:10
discusses 167:14	94:19 98:15	193:10,11	112:7 113:16	Dr 101:20 281:3
309:17	99:1 158:22,24	195:1,3 196:22	113:17,18,21	282:22
discussing 51:22	159:17 160:1	197:6 198:18	113:24 115:8	drafting 111:11
70:12 132:24	160:18,19,21	199:18 202:4	144:7 231:23	113:10,12
137:18 183:7	187:21 237:18	203:24 204:23	237:2 251:8,8	drainage 235:22
discussion 4:4	disturbed 94:22	212:24 213:4	251:9,11	draw 214:10
15:21 54:19	99:20,22 188:3	214:3 215:22	308:13 314:4	277:15
60:16 89:10	237:15	220:16 221:5	318:7	drawing 154:22
122:21 248:1	ditches 127:6,7	222:7,10 235:3	Doran 182:17	155:1,4 213:9
264:21 277:16	127:12 235:13	235:17 237:7	Dorgan 3:4 4:14	218:15 238:5
297:5	237:3	255:13 263:3	4:15 80:6	drawings 19:22
discussions 8:8	docket 5:7	284:18 310:11	108:18 109:2	20:10 21:18
189:23	document 9:14	documentation	109:15,24	88:17 114:5,7
dispersed	32:18 38:23	25:2,4 85:3,6	110:8 118:10	114:19 126:19
227:24 266:18	39:6,12 40:4,5	113:2 116:15	119:13 129:11	126:21 127:21
290:22 291:1	40:11,13,19	171:19 295:12	132:12 133:13	128:6 144:3
292:1	41:11,13,18	295:18,20	136:3 137:3	146:21 147:2,6
dispersing	42:1,4,6,10	305:22 306:4	142:8,16	147:7,10,17,19
8	,.,,,,,	202.22 20011	,	, , . , . , . , . ,
·	•	•	•	•

	***************************************			rage 331
152:4 153:6,8	71:13,14 82:7	91:1,8 106:19	effect 295:21	54:13,15 55:2
154:19 167:2	90:1 101:20	110:24 162:15	306:4	55:6 93:19
191:4 192:12	124:20 125:24	166:21 287:1	effectively	221:24 222:15
200:7 213:21	143:10 145:15	290:13 291:21	157:22	255:2,2 262:8
218:4 237:23	147:22 154:14	Ebihara 3:5 4:9	effects 16:9	262:15 265:12
drawn 127:2	173:6 186:8	4:10,11,12	effort 79:4 85:20	268:19 270:6
drilling 76:20,21	199:20 209:9	67:9,18 68:6	86:4 116:3	277:22 280:4
86:13	223:21 227:19	68:16 73:16	120:17,20	281:3 282:5,22
driver 226:13	228:24 236:2	79:24 81:16	121:24 138:10	embankment
307:7	242:14 249:24	83:14 89:20	139:23 147:4	17:20,21 20:4
driving 96:14	252:19 253:21	91:23 97:17	149:16 199:2	20:5,12,13,15
drove 229:7	254:23 263:23	101:19,20	203:14 209:18	20:19,24 21:3
dry 236:23	266:11,23	106:3 183:7	214:20 218:7	130:22 143:11
Duane 21:24	270:19 271:8	230:12 281:3	218:12 238:2	150:22 143:11
145:9 195:3,9	288:7,8 293:6	282:22	efforts 194:16	165:13,15,17
197:17 270:24	295:6 297:14	Ebihara's 232:4	216:3 228:3	165:22 166:16
275:4	298:11 317:14	Ebihara.105	314:11	167:4,7 189:2
due 5:11 44:6	early 9:16 23:23	4:13	eight 252:15	189:7 191:19
111:16	112:4 113:15	economic	Eighteen 314:14	191:19 192:6
dug 238:4	149:2 156:16	226:13	either 43:7	205:22 213:24
duly 29:14 67:24	165:5	edge 73:1 90:21	179:3 251:1	215:1 217:5,12
109:9	earth 103:13	91:2 217:19	elaborate	218:6 219:1
dumped 303:21	110:23 131:3	287:1 290:13	138:15 139:15	220:5 221:8,13
303:24	earthing 165:17	291:21 314:5	145:14 149:7	221:16 232:8
Duncan 3:7	ease 28:19	edges 159:2	177:24	251:17,21
Duncan J./	easel 132:11	Edison 19:4	Eldridge 111:9	258:10 272:20
E	142:9	32:15 34:19	111:18 113:9	273:2 274:17
e2:1,1 3:1,1 4:1	easement 18:2,3	45:19 47:15	250:5	295:10,16
16:2,2,2 22:21	26:6 126:11	49:14 73:22	elected 284:2	296:13
22:21,21 29:13	127:23 128:11	100:11 104:12	electric 301:9	embankments
29:16,16 55:19	128:14	104:13 105:9	elements 113:1	21:22 130:18
67:23 68:2,2	easements	104:13 103.5	129:18 173:5	224:1 225:23
89:18 97:15,15	253:10	137:11 283:19	183:13	251:18 273:10
97:15 101:17	easier 287:13	education 68:23	elevated 20:6	273:13
101:17 106:1,1	east 34:4 90:11	EECA 38:16	103:13 273:7	emcginley@at
106:1,1 109:11	90:14 100:12	40:22 41:1	273:11	2:19
109:11 117:5	125:9 162:5	71:12 169:23	elevation 87:13	emphasize
197:2,4,5	166:21,23	170:2,3,9,10	87:14 165:19	118:13
240:15	217:12,18,20	170:25,5,710	199:12 218:4	emphasized
E-B-I-H-A-R-A	297:18	171:19,24	220:13 226:5	118:17
68:12	east/southeast	172:3,12,23	elevations 62:7	employ 88:16
EAM 172:17,22	287:8	228:9,19	74:6 191:20	195:10
earlier 12:14,19	east/west 33:15	229:17,20	elicited 23:17	employed 70:1
12:23 36:22	52:11	230:1 231:20	Ellen 2:20 6:19	307:1,2,3
56:5 61:19	eastern 90:21	312:15,18	ELM 53:24	employee 21:6
· · · · · ·	Castern 70.21	J 12.12,10	AAAATA UU.AT	cimpioyee 21.0
i			I	

				Page 332
46 1 50 17	1 200.16	1 25 6 27 10	l	١.,
46:1 50:17	309:16	25:6 37:19	EPA's 75:1	everybody
60:17,24 61:3	engage 303:10	94:2 129:17	87:15 174:18	175:16 210:22
employees 49:17	engaged 76:13	172:6 193:23	283:24 285:9	240:11 317:7
54:20	115:8 233:11	271:22	309:18	everybody's
employer 29:21	engagement	entirely 299:13	equals 272:16	175:10
68:16	113:3 122:16	entitled 5:5	equate 278:7	evidence 14:14
employers 77:13	engagements	229:10	errors 242:8,15	17:24 18:8
enclosed 257:21	112:4	entrance 90:15	242:23	19:7,18 20:2
encompass	engineer 21:24	Entrances 225:9	especially 20:23	21:19,23 22:5
134:13	114:20 130:23	environment	290:7	26:4 27:4 28:6
encounter	131:9 144:16	16:9 174:1,10	essence 27:9	49:4,6,9 55:11
115:19	144:20,21	177:18 286:6	95:22 266:14	66:23 84:21,24
encountered	145:22 197:17	environmental	essentially 9:22	88:19 102:17
88:8 95:6 96:8	224:3 225:13	16:7 22:14	17:19 259:4	104:21 136:18
163:12 169:18	226:1,6 270:24	24:14 69:3	establish 99:19	139:1,5,13
169:21 199:15	293:23	89:22 111:2,7	177:16	142:22 164:23
200:24 214:21	engineered	111:15 112:12	establishes	173:13 189:16
222:24 226:15	183:23	121:5 167:11	128:12 137:14	189:19 221:17
273:17 299:6	engineering 3:6	184:1 197:1	estate 12:3	227:6 283:21
encountering	20:10 21:18	233:20 243:11	estimate 80:12	284:18
87:19,24 88:3	30:4,7 39:2	243:16 250:13	82:6,9 86:9	evidentiary 5:22
encourage	69:2,3,22 71:1	284:5,24 290:2	229:24 230:4	exacerbating
223:21	71:13 111:9,11	294:16	232:2 233:1	179:13
encouraged	111:19,20	eolaughlin@a	241:2	exact 33:7 56:7
21:21 224:20	112:15 113:5,5	2:19	estimated 83:3	88:14 92:6
endangerment	113:10,16	EPA 16:11	estimates 80:15	98:2 100:20
18:12 174:10	146:20 149:14	18:10,14 27:12	82:2,13 114:14	125:10 208:7
174:20	151:18 152:3	27:16,22,24	115:1 232:22	315:7,8 316:4
ended 56:20	154:22 191:3	31:1 40:15	evaluate 24:6	exactly 13:11
143:20 229:8	192:12 201:5	50:19,23,24	121:13 169:14	64:3 80:11
229:19 236:18	213:21 250:4,5	75:5 76:23	169:16	246:17
274:17 303:3,7	250:6	80:24 86:2	evaluating	Examination
ends 33:15	engineering-o	97:2 99:9	269:17	
217:20	118:15	102:11 103:18		4:7,9,11,13,14
energy 315:19	English 266:7	120:21 168:4	evaluation 39:2	example 43:11
energy 313:19 enforcement	276:24	170:14 176:18	71:2,14 171:5 174:18 177:9	88:23 153:12
27:12,19 40:14	enhancement			210:2 220:3
1		176:23 177:12	177:12,13	excavated 39:18
77:14 80:23	9:23	178:13 179:2,8	181:6,8 188:11	183:20 187:3
170:13,16,19	enhances 13:4	181:2 193:11	201:5 284:1	225:5,9,17,20
172:15 173:11	enormous 99:13	228:7 270:21	Evan 2:20 6:16	225:21
176:23 177:2,5	enter 178:6	277:24 283:4,9	22:23 286:12	excavation
179:16 181:1	entered 102:10	283:10,11,19	events 23:9	39:17,23 41:4
181:15,20	283:18	283:19 284:6	eventually	74:7,14 93:18
228:10,21	entering 49:13	284:16 292:17	169:18 170:4	163:14 172:4
233:12 309:7	entire 24:21	307:8 309:24	179:11 180:20	184:7 191:14
appro-2007/00/2007/00/2006/00/2006/00/2006/2006		NAME AND ADDRESS OF THE PROPERTY OF THE PROPER	ence un constituit de la	proper regional relations of the Annie State of the State

				Page 333
192:1 200:9	92.17 92.1 5 0	262.12.22	268:15 292:9	110:19 112:20
1 1	82:17 83:1,5,9 91:11,15 92:6	263:13,22 267:8 268:4	307:13	128:5
214:13,19,20 214:21 220:22	92:7,10 97:22	271:15 278:22	1	Į .
277:19 280:3	102:1 109:22		expeditious 14:12	experts 8:10 123:16
280:13 288:22		279:2,9,13		į
1 1	110:2 118:3,9	285:17,19	expended 79:5	explain 69:11,14
excavations 93:24	118:11,21	287:19 296:15	expense 50:11 99:14 226:9	69:19 85:21
1	119:6,8,17,18	296:18,19		98:17 99:7
exception 255:4	124:16 126:4,5	297:10 306:13	expensive	118:11 142:2
exclude 194:24	129:5,6,12	306:14,15	281:17	147:9 148:14
227:4	132:7 135:17	309:6,8,13 312:15	experience	165:15 173:2
excluded 7:24	135:18,22		25:12,13 88:13	186:2 187:1
8:19 13:13	136:2,2,3,17	exhibits 7:18	89:21 114:4,6	192:2 198:19
exclusively	136:18,19	10:24 13:17	114:8 115:3,11	198:21,23 200:19 205:17
313:10	140:8,8,21	14:11,13 15:6	115:21 117:3	
excuse 34:9	141:6,8,16 142:7 143:5	15:14 28:20,21	117:16 118:13	206:12 208:22
35:16 36:9		185:14 204:16	128:20 129:3	219:18 228:4
38:9 125:4 133:9 159:14	145:13,16	205:7 207:3,5	233:6,24 243:11 247:9	231:8
191:24 197:5	146:22 148:1 152:1 153:13	207:9,11 209:1		explanation
1		212:10 216:13	247:12 284:4	208:10
206:19 213:19	153:16 154:12	216:16	285:1 294:1,7	explore 12:20
238:14 298:5	156:21 157:10	exist 121:2	294:9,12 295:22	307:15 312:3
317:10,11	162:19 163:2	232:9,11		exposed 180:20
excused 67:7 108:3	173:11,15 176:12 177:3	295:19	expert 8:16 9:19	228:15,16
1		existed 19:19	11:4,4 21:5	exposure 177:20
executing 71:9 execution 88:3	181:22,23	61:18 122:9	24:8,16 109:17	177:21,22 178:19
1	182:12,13,17 191:23 192:19	135:2 228:23 258:12	109:19,24	l
executive 92:14 93:6 264:2	i	i	110:10,12	expressed
267:4	192:22,24 193:7 196:19	existing 136:14	119:15,17	121:11,14,17
Exelon 73:21	193:7 196:19	156:10 163:11	121:12 123:5 131:15 140:22	179:2,8
exercise 268:20	201:16 206:11	167:3 199:12 200:5 236:20	194:10 198:15	expressway 20:7 20:8 23:22
1 1	206:20 208:14	exists 159:7	202:8 203:18	74:9 184:21
exhibit 7:1,12,13		306:5 317:2	204:5 222:20	extend 201:4
7:17,19,19,21	209:5,23,24 210:2 211:21	exits 25:4	204:3 222:20 227:16 229:12	237:20
8:2,22 9:1,6 11:5 15:7	210:2 211:21 213:14 216:4		231:10,18	extended 201:9
28:20,23 31:21	216:12,24	expanded 134:13 314:22	243:5,15 244:3	229:7
33:7,13 38:4	,	expansion	i '	extensive 114:6
40:3,4 41:18	221:21,23 222:9 230:11	172:22 173:3	244:5,7,17,22 246:22 247:3	1
46:10,17 51:11	230:13 231:4	expansive	247:16 248:1	171:6,9 309:2 extent 8:14
52:22 53:14,15	230:13 231:4	120:21,23	254:5 256:9	12:20 43:5
53:21 63:15	234:19 238:17	295:13	260:19 264:15	127:8 168:24
64:5,13,18	238:21 239:7	expect 48:2	267:5 275:19	169:6,16
65:2 73:10,12	243:4 245:4	expect 48.2 expectations	303:9	170:11 171:4
78:20,24 79:14	255:4 262:8,15	190:13	expertise 10:11	236:2 238:1
79:24 81:11]	24:19 110:13	1
17.24 01.11	16.7.1.7.1			
1	262:17,21	expected 128:18	24.19 110.13	exterior 62:14

				rage 334
Extern 3:6,7,10	26:19 52:13,17	fee 86:14	64:16	28:7 41:12
externs 6:7	116:24 121:24	feel 247:24	figure 24:10	78:1 208:12
extraordinarily	140:20 156:16	feet 20:12 44:17	124:15,17	210:3 211:21
202:6	200:21 228:7	87:12,13 89:1	125:19 126:24	249:21
eye 260:5	237:1 283:6	95:18 131:3	127:2 131:11	files 84:10
	298:21	166:1,17,18	136:9 155:6	filings 14:18
F	fall 25:22	187:12 237:18	159:19,23	fill 20:11,22
F 2:20	falls 74:7	252:15 268:10	160:4 185:10	21:16 39:24
F.A 194:6	familiar 30:8,12	269:8,19,20	185:18,19	138:12,19,22
face 204:7	31:2,24 70:11	272:15,17,24	186:12 187:10	144:17 190:13
274:22	168:8,12 247:4	273:20 280:9	188:8,8,10,17	190:22,23
facilities 251:12	259:9 262:10	291:16 292:4	188:18 198:16	191:2 192:7,15
facility 16:22	285:10 295:24	fell 96:14	198:22,23	199:14 200:1,4
17:9 33:10,18	308:12 312:23	felt 10:16 121:17	199:1,4 200:14	200:17 201:4,8
42:15 44:18,19	314:10	227:5	200:20 201:8	206:8 213:19
56:18 58:2	familiarity	fence 258:9,18	201:23 203:3,9	214:8 219:1
132:18 141:22	48:14 256:5	fenced 184:2	204:1 205:15	220:13,21
164:12 252:9	far 47:1 66:22	257:21,23	205:19 207:9	224:21,23
257:4 305:14	124:13 129:23	258:3	213:4,14 214:3	225:1 303:3,8
305:15 314:5,9	140:16 146:1	fences 258:15	214:11 215:3,5	304:11,14
fact 7:15 10:19	146:14 147:10	fiber 43:17	215:15 219:4	filled 55:3,7
13:9 20:14	162:5 165:6	72:14 73:1	219:10,12,17	filling 191:18
23:7 24:8	225:11 240:24	187:8,24 291:2	219:20 220:24	fills 21:3
27:20 28:2	278:11 290:13	292:12	222:6 235:18	film 218:20
102:14 103:3,3	296:5 314:3	fiberoptic 301:1	236:10 238:6	final 113:20,20
113:9 154:7	fashion 22:10	301:5	242:13 256:2	199:14 206:17
261:7 266:20	25:16 202:9	fibers 178:18	256:17 285:14	208:14
273:5 277:7	257:21 309:21	179:13 180:9	285:19 286:17	finality 10:18
278:12 291:10	fast 230:11	185:23 186:5	286:19,21	finally 121:1
295:14 298:12	fastforward	186:11,16	287:6 291:7,8	find 22:9 28:8
307:16 310:12	167:9	187:5,9,15,18	293:2,4 302:12	57:4 58:4
310:23 315:10	fault 66:20	228:18 290:8	315:1	59:18 88:14
315:21	favor 28:9	308:16,23	figured 282:1	133:5 135:8
factor 187:20	feasibility	fibrous 186:9	figures 140:13	221:12,14
facts 21:14 27:2	117:24	299:9,11,14	185:8 198:15	238:15 254:6
faintly 143:1	feature 125:6	300:5 303:5	199:20 215:7	281:13 282:12
fair 95:8,24	features 126:18	313:23 315:5	223:6 247:2	296:22
212:14 238:20	127:1 131:7	field 114:1	269:22 276:7	finding 88:24
256:4,8,13,14	133:20,23	123:17 188:22	277:5,19	227:9
258:14 261:19	142:24 157:21	312:8	280:21,24	findings 177:11
270:7 283:13	158:20 160:8	fieldwork	281:1,11,12,18	177:11 203:2
284:19 298:16	160:11 163:11	111:10	282:19	282:19 283:9
299:23 312:2	February 82:24	Fifty 46:12	figuring 209:12	fine 46:24 78:22
312:23	85:16 122:8	136:24 137:1	file 129:20	79:21,21
fairly 24:22	250:17	Fifty-seven	filed 7:12,17	107:23 148:8
. –	200.1/	I HLY-SCICH	***************************************	10.0 170.0
		I	I	I

<u></u>				rage 333
210:22 266:8	focus 60:3	59:23 88:21	92:12 146:23	22:24 40:19
312:9	103:15 104:16	95:9 117:10	148:7 243:5	50:22 51:24
finished 240:8	123:20 292:14	169:9,15	245:5,17	71:11,16 120:2
fire 43:8	313:7	184:17 220:12	263:20,23	126:5 139:8
firm 6:12 114:2	focused 112:5	223:3,11,22	297:11	143:24 145:4
115:7	focusing 36:23	227:1 228:7	frost 179:19	158:13 189:4
firms 69:13 70:1	111:14 122:22	237:8 267:12	180:4.14	308:16
71:5	follow 207:23	269:13,19,20	full 12:21 49:18	General's 6:17
first 16:23 18:23	follow-up 85:6	275:22 280:9	65:8 93:6	6:20
21:14 28:12	85:12	280:19 281:20	130:11 172:21	generally 34:6,7
29:14 56:22	following 89:13	282:8,24 283:3	225:18 268:4,6	41:3 43:21
59:13 66:1,3	108:8 175:19	283:4,7 286:6	full-time 144:23	48:2 49:15
67:24 70:8	189:15 239:20	298:12 299:9	fully 16:10	53:16 61:12
75:4 91:15	follows 29:15	313:16,21,24	133:23	68:7 124:10
109:9 113:9	68:1 109:10	315:9,23 316:4	funnel-type 19:1	125:3 151:20
120:7 123:21	foregoing 233:7	foundation 47:6	further 17:13	162:9 169:8
131:16,24	318:11,11	62:24 63:6	55:13 57:4	176:18 215:24
145:17,24	forensic 25:16	201:18 284:22	60:8 63:19	277:21 293:13
146:15 148:9	forgot 276:14	four 38:17 65:7	89:2 90:11	308:6
169:5 170:13	form 16:15	68:20 69:17	94:7 97:9	generated 25:2
172:21 173:18	186:7,9 188:4	72:18 123:22	101:10 105:20	118:12,19
173:20 176:17	199:22 270:10	179:18 220:9	107:19 121:14	131:21 199:4
178:22 198:22	former 8:22 9:1	315:1	173:6 174:21	200:13 256:22
201:18 208:15	19:9,23 20:18	fourth 13:10	179:12 181:6	304:19,22
209:6 211:17	21:6 93:12	96:12 124:6	201:5 215:11	304:19,22
209.6 211.17	125:2 140:12	fragments 140:1	228:17 232:24	Generation
252:5,21 254:1	158:17 160:7	179:5 180:15	239:11 317:4	90:15
271:20	160:12 162:3	223:4 246:15	future 191:11	
fish 28:22	252:8 268:14	307:6	luture 191.11	gentleman 46:1 145:8
fit 293:2	268:16 305:13	free 93:12	G	l .
five 5:24 38:18	313:4 314:5		G 3:4 16:2 22:21	geography
220:9 275:10		freeway 143:13	109:8,8,15,24	111:6 124:13 126:8 276:7
280:9	formerly 8:3 forth 75:12 76:2	166:5,6 freeze 308:1	118:10	
fix 201:16	1	freeze/thaw	gander 204:17	geologic 112:23
fixed 310:24	149:24 170:17 204:8 205:5		gas 76:19 87:1	geologist 112:17
	1	180:8,12,13,17	88:6 93:10,14	geology 110:23
flagging 315:19	270:5 Fortuato 10:8	228:11,12	99:5,12,15,19	geotechnical
flakey 299:16	· ·	freezes 180:18	100:12 183:17	149:14 151:18
flat 25:22	10:15 11:10,15	180:19	237:13 252:14	give 29:5 67:15
flatten 225:23	Fortuato's 12:8	frequency	252:15 280:10	92:5 108:23
flesh 66:13	Fortunate 3:5	266:24	301:9	120:2 129:1
flex 315:6 316:7	Forty-five 30:1	frequently	gaskets 42:23	141:8 157:9
flipped 239:5	forward 149:13	115:19	gaskets 42.23 gears 74:18	186:11 234:12
flow 127:11	149:18	friction 42:23	Gene 60:20	244:24 263:11
237:6 238:13	found 18:9	Friday 7:3,12	general 2:16	272:3 276:11
fly 248:19	21:21 26:8	front 91:16	general 2.10	279:4 312:6
L	l		l	

r				Page 336
given 25:17	goes 18:5 90:8	grading 113:17	297:18	36:9,18,19
114:10 195:9	90:11,13 91:2	225:8 250:11	grey 44:4	38:6,7,10 40:6
244:21	99:13 136:13	graduate 111:1	gross 272:15	40:7 41:20,21
gives 260:7	167:10 293:8	granular 174:24	ground 134:14	46:21 47:3,7
glasses 259:2,5	going 13:17 17:3	175:2	187:11,12,16	48:6,12 49:3
go 6:24 15:20	17:11 18:22	Great 36:16	199:23 200:5	53:1,7,13,17
17:6 32:9	26:14 28:17	156:18 245:15	222:16 228:15	55:15 63:3,5,8
36:14 42:14	31:14 33:6	greater 86:20	228:16 229:6	63:11,21 64:1
58:3 68:7	36:23 44:23	266:17,24	252:16 268:10	64:10,14,23
92:11 93:16	46:20 53:16	greatly 113:13	269:8,21	65:3,5,13,15
100:4 108:12	65:18 66:6	142:10	280:10	65:20,22 66:1
124:11 131:10	71:5 98:9 99:8	green 34:24	groundwater	66:5,11,15,19
140:7,21 142:7	108:12,15	155:18 159:14	111:12 248:19	67:2,5,10,20
145:13 146:20	117:7,23	Green- 37:4	group 3:4 112:2	68:9,13 73:13
148:20 154:12	131:12 149:21	Greenwood 10:1	112:3,4,12,15	75:17,22 76:5
162:5 163:23	159:11,19	10:14,20 17:5	grouped 101:4	78:21 79:1,6
166:3 173:10	161:7 164:7	17:20 20:6	guess 7:23 11:21	81:13 83:11
173:11 184:9	167:9 168:17	33:11,14 34:22	64:6 66:20	84:22 85:9
184:10 189:9	175:23 184:10	35:4,5 36:14	101:23 134:23	89:3,8,16
189:11 198:14	191:8 202:8,11	37:4,5,12	241:19 250:4	95:12 96:4
204:8 205:5	205:11 207:2,7	52:10 56:17,24	250:16 263:21	97:11 101:12
207:8 208:19	208:2 221:14	57:6 61:13,16	317:1	102:19 104:7
212:17 213:15	227:16 239:15	74:8 90:14	guidance 25:20	105:22 107:20
215:5 216:4	256:11 265:9	96:15 103:14	guide 147:3	103.22 107.20
217:6,24	272:3 276:11	104:15 106:10	guilty 204:13	108.1,4,11,19
221:21 224:9	278:21 279:3	107:12,16	gunty 204.13 guy 196:8	118:6 119:10
230:11 233:16	289:20 296:9	125:5,7,11	guy 190.8 guys 14:9 15:13	126:1 128:3,7
236:22 241:10	296:15 306:8	132:18 134:11	guys 14.9 15.15	120.1 128.3,7
241:13 268:2	310:23 311:6	143:12 157:19	H	133:12,15
275:19 288:4	good 5:1 6:13	159:5 160:6,7	H 67:23 92:3,15	135:16,23
288:14,24	16:4 22:23	160:14 161:10	half 37:3 207:8	136:20 141:15
296:15 306:7	29:18 66:16	162:7,16,17	hall 317:13	141:18 142:12
310:3 312:7	157:5 175:13	165:13,24	Halloran 1:11	141:18 142:12
Gobelan 21:7	204:16,17	184:21 186:19	2:4 5:2 6:23	146:10 147:21
25:11 151:21	204.10,17	189:7 192:6	7:8 8:1,6,20	147:24 148:3
Gobelman 3:6	goose 204:17	205:21 206:9	9:2,5,9 10:22	149:20 150:5
21:6 24:19	gotten 309:14	214:7,18 215:2	11:3,18 12:6	150:10,13,14
25:7,19 121:11	govern 70:20	216:2 217:4,11	13:16,21 14:16	, ,
121:17 149:5	govern 70.20 government	217:13,22	14:21 15:4,10	150:17,21,24 151:6 158:2
224:11	284:11	217.13,22 219:23 220:4	15:15,19,23	162:22 173:14
Gobelman's	governments	223:14 235:10	16:4 22:17	175:1,6,9,15
24:17 137:20	284:7,9,13	236:20 252:7	23:3 28:10,16	175:1,0,9,13
146:19	grade 166:20	271:24 272:16	28:24 29:10	182:1,6,11,14
God 29:7 67:17	191:17 206:17	272:18,21	32:17,19 34:10	185:15 192:23
109:1	235:13	273:1 295:10	35:6,9,17,22	193:4 195:2,12
107.1	ل.1.لــــــــــــــــــــــــــــــــــ	213.1 473.10	~~ · · · · · · · · · · · · · · · · · ·	193.4 193.4,12
	l			

				Page 337
195:16,19,23	116:21 167:24	67:2,5,10,20	216:15,20	116:15
196:1,5 198:4	170:9 303:1,20	68:9,13 73:13	222:3 234:15	historical 48:24
198:7 201:11	happening	75:17,22 76:5	234:22 238:19	57:3,17 58:4
202:17,21	308:14,20	78:21 79:1,6	239:6,9,13,23	historically
203:20 204:12	309:4	81:13 83:11	240:3 244:11	304:3
204:24 205:9	happens 26:8	84:22 85:9	249:3 262:23	history 18:21
206:24 207:16	53:8 226:18	89:3,8,16	263:6,9,14,18	42:14 45:9,12
207:19,22	happy 175:7	95:12 96:4	264:4 265:8,15	50:20 51:1
208:4,9,16	hard 36:2	97:11 101:12	271:16 285:2	54:15 56:16
209:8,11	140:16 209:12	102:19 104:7	285:16 286:2	69:12 116:6,13
210:14,19	221:9	105:22 107:20	287:14 297:3,7	123:23 134:18
211:5,10,14,18	hatch 186:24	103.22 107.20	305:5 306:10	134:20 165:5
211:23 212:3,7	haul 226:16	109:4 110:1,5	306:12 311:19	257:11
212:13,20	hazard 177:17	118:6 119:10	312:4,10 317:5	hold 18:1 157:8
216:15,20	179:14	126:1 128:3,7	hearsay 53:4	272:4 277:12
222:3 234:15	hazardous 174:8	120:1 128:3,7	64:4 194:20,22	286:13
234:21,22	174:12 244:15	133:15 135:16	195:8 262:24	holes 297:20
234.21,22	head 281:24	135:23 136:20	heat 43:17	300:7
239:6,9,13,23	health 173:24	141:15,18	heavily 117:7	Honestly 209:14
240:3 249:3	174:10 177:17	142:13 146:6	height 62:8	hope 212:6
262:20,23	178:10	146:10 147:24	165:19	hopefully 28:20
263:6,9,14,18	hear 88:1	148:3 150:5,10	held 89:14 108:9	hospitality
264:4 265:8,15	hearing 1:11 4:3	150:14,17,21	175:20 239:21	317:18
271:16 285:2	5:1,3,13,22	150:14,17,21	318:10	hot 285:21
285:16 286:2	6:23 7:8,11 8:1	158:2 162:22	help 29:6 67:17	hour 175:11
287:14 297:3,7	8:6,20 9:2,5,9	173:14 175:1,6	109:1 117:13	240:19,21
305:5 306:10	10:22 11:3,18	175:14 175:1,0	178:15	hours 240:22
306:12 311:19	11:20 12:6	176:8 182:1,6	helpfully 119:6	241:4
312:4,10 317:5	13:16,21 14:16	182:11,14	helps 114:11	housed 57:12
hand 9:24 29:2	14:21 15:4,10	185:15 192:23	hereto 197:14	Huff 3:6
33:6 67:12	15:15,19,23	193:4 195:2,12	hide 212:11	human 177:17
108:20 148:9	22:17 23:18	195:16,19,23	high 20:12 49:16	hundred 241:3,4
308:15,19	28:10,16,24	196:1,5 198:4	99:12,15	hybrid 39:23
310:19 315:9	29:10 32:19	198:7 201:11	166:16	HYD-05 200:24
315:10,23	35:6,9,22 36:9	202:15,17,21	higher 226:5	hydraulic 93:18
handed 206:10	36:19 38:7	203:20 204:11	highlight 33:12	93:24 280:2,13
handled 224:18	40:7 41:21	204:12,15,24	158:5,8	
257:3 307:12	47:3,7 48:6,12	205:9 206:24	highlighter	I
handling 294:15	49:3 53:7,13	207:2,16,19,22	155:8	IBSP 310:18
304:2	53:17 55:15	208:4,16 209:8	highway 5:19	312:1
Hannah 80:5	63:3,5,8,11,21	209:11 210:14	244:19 245:1	idea 156:13
happen 88:9	64:1,10,14,23	210:19 211:5	250:18 294:10	158:18 177:16
301:24 308:21	65:3,13,15,20	211:10,14,18	294:12,15,16	178:8,17
happened 5:17	65:22 66:1,5	211:23 212:3,7	294:19	180:21 238:3
41:15 102:13	66:11,15,19	212:13,20	historic 25:14	275:13 302:24
1.1.0 102.13	30.11,13,17	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	ALAGORIO 23.17	
	· ·		ı	I

				rage 330
307:15	144:16,22	5:3,6 6:18,21	81:2 86:23	120:23 306:18
identifiable	145:24 146:14	8:18 12:24	112:6 114:11	incurring
116:1	152:10 154:3,7	13:10 16:6,11	118:1 168:14	311:22
identified 45:1,3	154:22 155:23	16:22 22:13	implements	indemnificati
60:6 86:21	156:6,13,19	23:1 32:13	74:24	169:3
174:22 177:14	157:2 163:2,6	49:5 110:24	implicit 27:21	independent
186:17 188:13	163:21 184:12	111:5 112:18	implied 27.21 implying 277:3	304:19
206:7 209:17	184:15,17	121:5 174:3	important 17:3	independently
213:8,20 214:5	185:2 189:10	193:18 194:4	24:18 48:17	122:6
214:8 218:18	190:23 195:10	234:4 307:4,10	133:5 142:3	Indiana 112:18
219:6,7 229:2	200:1,17	307:17,18,21	impose 114:11	248:13
267:1 298:22	204:14 213:22	308:4,8,20	259:3	indicate 97:6
316:7	214:8 218:4	309:4,17,22	improve 260:9	223:23 237:7
identify 116:2,4	220:21 234:6	1		314:23
116:7 117:13		310:1,2 318:1	improved 113:13	
119:13 129:11	235:2,6,19	318:9,18	1	indicated 51:6
	267:10,12 270:20 275:23	Illinois-Sprin	in-depth 41:8	138:5 151:17
135:11 141:2 196:21 216:23		111:4	inches 72:18	189:3 228:24 indicates 51:19
	283:12,22	image 164:13 260:3	include 31:7	\$
identifying	290:15,21		167:21 284:3	288:3
308:13	291:18,24	imagine 205:4	included 7:13,20	indicating 17:10
IDOT 3:4 5:18 7:16 8:14 9:9	294:21 295:14	immediately	8:11 11:7,13	18:4,6 19:1,10
f .	304:12,15	88:10 90:9	37:19 51:7	20:4 26:5,8
12:20 13:2,5,9	305:18,23	141:23 217:4	144:5 222:15	33:16 34:8
13:10 16:19	306:24 314:3	217:17,21	249:12 250:10	52:1 133:3
18:1 19:20,24	315:13	235:12 288:23	264:13 272:9 315:3	154:16 158:10
20:3,14,15,16	IDOT's 5:19	289:8	i .	161:6 166:11
20:17,20,21	7:21 8:10	imminent 18:11	includes 22:11	166:15 171:16
21:1,2,4,6,8,10	19:22 21:20,24	173:23 174:9	22:12 24:11	201:9
21:11,17 22:1	28:8 46:8	174:20 177:17	31:5 43:16	indicative
22:6,9,11,13	53:11 72:1	impact 86:17	312:20	133:24
23:1,12 25:12	101:21 107:9	137:12 165:9	including	individual 210:6
26:6 27:1,6,9	120:12 130:4	179:3 215:22	149:13 174:2	289:12,20
27:23 28:3	194:10,14	300:13	183:14 184:19	292:12 293:20
53:6 64:20	197:2,10 210:3	impacted 101:23	223:22 225:21	industrial
75:10,24 77:3	213:20 233:8	implement	248:12 250:12	115:20
77:6,9 84:22	266:13,18	86:14 114:15	267:14 275:24	infer 274:13,15
90:19 98:6	267:22 274:4	171:6	280:22 292:8	inference 266:8
99:2 100:14,18	275:4 306:20	implementation	Incorporated	inferred 266:4
102:14 103:4	IEPA 117:4,5,11	76:11 77:3	69:24	information
103:12 104:1	233:7,14 234:2	93:2 296:10	increase 86:19	13:1 49:1 57:5
106:6,20,21	234:9	implemented	increased	57:19 58:4,5
124:4 126:11	ifs 15:8	85:15 149:12	120:22 124:4	82:5 103:20
128:12 129:13	Illinois 1:1,6,14	296:9	incumbent	112:22 120:7
134:24 143:7	1:15 2:2,3,6,10	implementing	202:10	121:18 123:1
143:16,23	2:16,18 3:7,8,8	74:20 76:10	incurred 90:2	131:21 134:19

f				Page 339
134:24 135:5	instance 122:13	introduce 6:9	50:23	issued 12:13
190:1 193:14	205:20	introduced	investigatory	40:17 70:18
197:22 198:1,2	instances 26:12	311:5	199:16	80:24 170:16
199:14 232:3	26:22 98:20	Introduction 4:3	invoice 83:18	issues 5:12 7:1
254:7,15,17,19	101:4 116:1	investigate	invoices 77:18	23:4,24 117:22
255:1,18	117:9 118:2	45:21 50:20	241:10,13	117:22 122:15
261:16,17	121:16 171:3	104:17 168:24	involve 83:22	243:18 244:6
262:1 270:3	280:17 284:8	255:22	181:8 246:6	248:4
277:5 282:15	285:6,8 291:2	investigating	248:17 249:10	issuing 181:1
283:21 288:2	291:14	115:22 193:12	involved 21:8,9	item 267:6
295:3	instrumentalit	investigation	44:13 61:4	items 126:16
informed 25:8	284:11	26:20 55:22	69:8,16 70:4,8	163:10 264:14
infrastructure	insulation 42:22	69:10 71:1,8,9	70:24 102:3	iteration 7:20
87:18 112:14	integrity 225:1	77:7,13 85:20	104:2 105:17	
infrequent	intended 41:8	86:3,17 87:23	113:23 114:17	J
298:21	187:3 190:18	88:2 90:4	115:5,6,15,20	J 2:13,20 67:23
ingredient 43:8	intent 212:9	92:16 94:3	116:18 117:7	197:12,19
inhalation	277:8	99:11,18	117:18,21	James 1:14
177:23 178:7	intentions	117:24 140:2	168:13 171:8	January 9:6
179:14	169:20	167:20 169:6	172:4 232:20	82:1 230:11
initial 129:19	interacted	169:16,24	247:14,19	Jennifer 2:7
167:14 191:13	299:19	171:5,9 177:10	249:8,18	JM 12:12,17,18
202:11 245:11	interest 106:15	181:3 183:4	277:18 285:8	16:17,17 19:1
252:1 257:8	intermediate	199:8 200:13	294:14,15	19:4,8,13
267:5 285:14	299:23 300:2	203:2 214:6	involvement	20:16,17,20
initially 167:18	International	227:7 270:1,5	61:7 69:4	21:1 22:4,5,8
250:4 261:8,23	276:13,16	270:10 277:18	76:10 193:15	30:8,15,22
initiated 167:19	interpret 24:20	277:22 278:2	313:8	33:10,18 39:4
inquiries 257:2	interpretation	278:14 288:8	involves 5:17	41:10 42:15,15
inside 238:11	200:12 299:5	314:23	16:21 18:17	42:19 44:18
295:9 301:13	301:10	investigations	23:4 83:23	45:8,17 46:18
insinuating	interrupt 159:9	24:14 89:23	248:19	46:18 49:13
212:14	212:21	94:2,11 98:11	involving	50:17 53:3,10
inspection	intersect 217:14	111:15 139:11	117:20 183:23	54:10 55:8
314:20	219:24	174:17 185:21	233:9 243:16	57:9 60:17
install 19:11	intersection	186:1 188:15	244:8,18 247:6	65:17 66:4
50:4,11 213:23	17:3,4 37:5	218:19 223:12	isolated 95:16	69:5 75:4
235:14 237:15	107:15,16	268:24 269:18	95:23 96:1	77:12,20 78:3
installation 51:7	125:5 157:19	280:5 288:12	101:3	135:13 139:2
installed 93:10	159:4 162:11	289:14 290:2	issue 10:19 12:2	141:9 154:19
93:19 94:14	162:17 217:21	291:5 292:13	27:17,18	168:4 172:13
100:9 127:10	225:8	investigative	117:11 178:4	181:2 213:1
139:17 173:8	intersects 162:6	77:22 78:4	228:9 248:16	221:18 222:9
235:21 236:6	165:20	79:11	269:24 271:6	227:1 252:8
252:15 280:3,8	intervals 289:22	investigators	282:6,7	263:12 264:19
Í		j	-	

264:23 268:4	303:17,22,24	knew 46:4 59:16	304:13 305:4,9	189:6 246:13
279:10 296:15	304:22 305:13	149:18 193:14	309:14 310:4	246:15 292:7
JM's 16:21 17:9	305:14 306:19	know 7:3 8:9	314:3 316:24	310:14
21:5 48:15	311:22 313:4	11:19,24 12:2	knowing 274:9	largely 25:4
108:16 240:7	313:12 314:5,9	13:21 14:9	knowledge	187:15 302:6
JM000040 65:23	joined 111:22	15:2,5 17:12	10:11 44:24	larger 18:24
job 32:4	joint 243:4	24:22 31:13	50:19,22 51:2	30:10,16 72:19
jobs 43:15	262:7,14 309:6	43:5,20 45:9	55:11 60:13,16	132:9 162:11
Johns 1:2 3:3,9	Jonathan 3:6	46:7 47:23	61:14 75:15	287:19
5:5 6:11,14	Joseph 3:5	49:21 52:19	96:20 118:23	largest 268:19
9:14,24 10:6	Jr 3:4,5 109:15	57:22 59:19	123:12 182:20	late 34:20,21
10:10 16:17	109:24	61:7 64:8,13	232:23 234:6	61:16 131:17
18:14 23:7	July 74:1 78:2,2	65:4 69:12	240:24 257:20	134:7 140:24
24:6 26:23	78:6 79:11	77:17 78:2	260:11 283:24	149:2 181:11
27:21 28:9,14	87:5 119:16,19	79:1,10 80:20	300:4 303:2,23	181:13
29:22,23 30:19	junction 235:8,9	91:16 100:13	304:1,20	lattice 100:12
30:20 32:5,13	June 142:18	100:17,22	known 69:5	Lauren 2:13
34:19 37:17,19	168:4	102:17 103:8	94:21 96:13	6:14
37:21,24 40:20	jurisdiction	106:4,6 116:13	112:1 113:11	lauren.caisma
40:23 41:2	10:20 27:11	117:5 126:14	120:13 227:8	2:12
44:12 45:15,18	justification	127:8,15,18		law 6:12 234:4
46:2 47:15,16	87:15	128:24 129:15	L	lay 44:8 47:5
48:1,3 49:1		129:24 131:19	L 29:13,13,13	134:15 201:17
50:3 51:17	K	145:10 146:14	109:8 141:9,17	layer 95:20,21
55:4,23,23	K 318:3	146:17 147:11	lab 199:21 206:5	140:1
56:17 57:4,12	Katherine 80:5	152:6 154:3	laboratory	layers 130:18
57:17 58:2	keep 35:7 36:6	159:11 167:1	86:14 188:19	laying 252:23
59:21 64:19	36:11 164:7	167:24 172:13	lack 62:23	layout 255:16
72:7 84:18	167:13 240:11	176:13 188:3	284:22	lays 147:13
85:1 102:10	249:4	190:22 200:6	lake 34:3,4	168:20
120:9 122:14	keeping 48:17	204:3,8 205:2	125:10 174:3	lead 11:9
122:24 125:2	Keith 9:19	206:20 207:1	307:24 308:1	leading 82:12
132:3,16,20,23	kept 27:2 84:7	208:1 209:20	Lampfear 3:7	learn 45:11
136:7 137:11	key 23:9 113:1	216:7 236:2	land 104:14	106:24 252:9
137:16 138:22	218:17 289:16	237:23 238:1	105:14 107:9	learned 56:6
139:18 141:22	keyed 218:16	239:24 241:21	169:10 235:12	lease 62:12,18
158:18 161:11	kick 15:5	247:10 262:1	landfill 30:17	63:15 253:23
161:13,14,20	kind 14:12 15:7	265:9 269:17	234:4 251:9,10	254:1 255:6
164:12 169:19	68:24 69:12	272:8 275:3,9	251:10	leave 207:1
172:2 205:7	159:15 167:17	275:13 281:23	language 74:4	leaving 315:14
241:11 249:21	204:13 207:12	283:3,10	224:6 264:18	led 149:6 257:8
255:14,22	251:8 287:6	287:22 292:6	264:21 265:4,7	284:1
256:22 257:4	312:7	293:8 296:5	276:24	leeway 129:2
265:12 281:7	kinds 251:5	299:11,22	large 87:10,16	left 24:4 111:22
283:18 292:21	kit 288:6	300:3 303:15	120:17 180:5	289:1

				raye 341
left-hand 91:19	licensee 50:3,10	189:18 201:1	206:4,8 214:24	logically 292:24
91:22 152:1	licensee's 50:5	206:17 253:11	215:18 218:24	logs 112:24
legal 169:2	licensing 59:24	300:9,10,14,23	219:8 220:19	138:18 152:24
length 125:7	lies 287:7	list 7:12,14,17	220:20 222:16	154:1 199:5
171:20 199:9	lieu 281:6	7:19,21 8:5	223:14 252:6	200:12 288:15
237:24 272:10	light 280:19	11:4,5 12:3	258:19 276:8	long 12:3 29:23
272:12,15,17	limine 194:24	14:20 208:14	277:3,8 281:16	44:16,17 52:11
let's 15:5,5,20	249:22	209:5,23,24	289:4 291:12	68:18 75:11
18:23 35:2	limit 91:6,6	210:2 211:21	292:24	76:1 143:18
50:7 109:22	125:8 126:6	listed 8:24 10:6	location 88:14	175:2
130:7 140:7,21	127:23	11:15,24 13:8	94:13 98:2,13	longer 158:17
141:6 142:7	limited 133:16	209:2 246:21	100:8,20 101:8	164:16 195:10
145:13 146:20	229:1 250:11	284:13,15	103:8 124:23	272:20
154:12 160:23	300:22 313:9	lists 210:13	126:9 127:15	longitudinally
163:23 165:2	313:13 315:4	literally 11:19	127:18 136:6	51:8
171:12 173:10	limits 26:6,9	litigation 243:15	140:12 186:20	look 9:20 43:23
174:23,24	126:11,12,12	little 42:14,15	189:5 201:2	50:7 57:3,24
177:1 178:14	126:15 128:15	44:23 66:16	206:3 214:19	58:5 65:7,18
179:15 184:9	128:22 160:3,3	72:18 74:18	223:8 235:20	72:12 109:22
185:8 189:9,11	160:18,22	124:13 140:18	235:21 236:11	115:24 116:3
190:20 198:14	220:21 226:7,9	147:9 157:21	273:24 276:5	116:10,12,17
198:15 224:9	293:9,22 294:5	162:10,11	277:4 280:7	130:7 135:6
275:18 307:15	294:6,23	167:24 174:23	282:13 287:3	140:19 145:15
letter 8:2 73:20	line 18:4 88:24	180:18,19	290:5 304:16	148:6 174:24
91:20 193:17	93:10,15 99:5	208:3 238:12	locations 39:9	177:1 185:8
230:12	127:17,17	268:8,9 269:8	93:19 126:15	188:12 198:15
level 49:16	178:16 183:6	269:19 282:23	130:23 131:1	204:3 207:11
99:21 134:14	183:17 199:17	291:23 301:17	188:13,24	211:3 212:16
199:24 213:15	201:8 218:1,2	312:7 317:14	189:22 190:8	213:14 214:4
213:23 218:9	218:3 220:4,12	LLC 3:5	190:24 200:11	215:7 216:8
315:1	227:20 252:8	LLP 2:9	200:23 215:12	221:4,7 225:3
levels 307:23	252:15 253:14	local 28:1 284:6	215:16 221:15	225:15 231:19
leveraged 234:1	253:19 274:23	284:8	222:15 268:12	259:1,11,23
LFR 69:23 70:5	280:10 300:12	locate 88:17	269:10 270:12	261:14 286:11
71:3,7,8,15,21	311:16	located 34:14	276:9 277:20	286:24 288:4
73:5,21 93:20	linear 125:6	35:12 37:7	277:20 278:13	288:15 298:19
214:12 277:14	133:20,22	47:24 52:10	280:3,13,14,16	309:5 310:15
278:18 280:4	272:6,6,24	72:5 88:22	280:22,23	313:8
license 45:17	273:20	98:19 125:4	284:14 286:7,9	looked 9:18 12:5
46:14 47:14,21	liners 315:6	126:11 133:1	288:6,10,16	13:7 56:21
57:10 59:3,4	316:6	136:15 153:11	289:6,21 290:4	60:14 61:19,22
59:14,17,19	lines 59:23 88:6	158:19 160:12	299:7 301:2	65:6 129:16
137:15 138:21	98:20 124:14	186:22 187:19	311:14 313:11	134:12 144:4
255:7	127:4,5 140:15	188:2 191:8	316:5,21	170:8 189:22
licensed 112:17	148:12 189:16	197:23 199:3	logical 283:23	190:4,8 199:4
			0	
	•			

				rage 542
215:8 223:1	60:12,15,18	lots 236:14	making 238:18	40:24 41:2
229:21 238:24	61:5,9,10,12	253:10	243:1 250:22	44:12 45:18
258:6	61:18 62:3,15	low 290:8,9	309:20 312:6	46:2 47:15
looking 25:13	63:17 72:8	lower 74:14	Man- 9:24	48:1,3 49:1
27:16 49:5	93:12 99:23	91:19,22 148:6	manage 127:11	50:3 51:17
59:21 92:4	102:15 111:11	148:11 152:1	156:7	55:4,23,24
100:5 112:21	120:10,15	230:22	1	1 ' '
1 1	•	1	managed 144:13	56:17 57:4,17
112:23 114:4	122:24 123:3	lowering 307:23	190:19	58:2 59:21
117:21,22	123:11,14	lowest 87:14	management	64:19 72:7
121:10 142:21	126:10,10	lunch 175:8,24	112:5 255:23	84:18 85:1
146:21 150:11	132:4,21,24	lungs 178:19	304:2	102:10 120:9
154:15 161:23	133:20,22	M	manager 30:4	122:14,24
186:13,16	134:2,9,19,20		37:18 54:10	125:2 132:3,20
188:18 213:1	136:8,11,13,15	M 16:2 22:21	56:7,9,10	132:23 136:7
215:9 218:17	137:17,21,23	29:13,16 40:1	61:24 68:22	137:11,16
238:16,24	137:23 138:4,6	55:19 68:2	69:7 92:24	138:22 139:18
239:2 253:8,12	138:12,20	89:18 97:15	managerial	141:22 158:18
258:24 259:5	139:19,22	101:17 106:1	112:10	161:21 164:12
259:13 260:4	140:13,23	109:11 230:6	managing 32:5	172:3 205:7
262:13 267:7	141:4 142:5,19	240:15	112:6,11	241:11 255:15
283:11 286:18	142:23 143:3,5	machine 113:12	294:12,18	256:23 257:4
286:21 289:20	143:6 149:9	318:10	manner 52:18	265:13 281:7
290:8 300:7	154:12 155:1,3	main 41:3 70:1	131:5	283:18 292:21
looks 8:21 91:12	156:1,5 158:9	85:24 86:6	manufacture	303:18,22,24
143:2 217:2	158:18 159:16	87:1 99:12,16	42:19	304:23 305:13
236:18 237:5	160:7,13	99:19 100:12	manufactured	305:15 306:19
238:23	161:12,14,14	132:17 161:12	44:12 256:11	311:22 313:4
loop 226:23	161:18,21	161:14 164:12	303:17	313:13 314:5,9
Lori 1:12 29:2	162:3 186:20	237:13 313:12	manufacturing	Manville's 10:6
67:12 75:18	187:23 190:6	314:9	16:22 17:9	23:7 24:6
318:6,17	215:7 227:8,14	mains 88:6	30:18 42:17	26:24 45:15
lot 15:8 19:3,9	251:8,9,10	maintain 50:4	43:18 44:14,21	47:16 57:12
19:19,23 20:18	252:22 253:22	50:11 128:13	58:2 132:18	132:16 161:11
23:11,13,15,16	254:8,16,18,24	maintained	252:9 256:3,5	161:13,15
23:23,24 26:2	255:16 257:10	48:18	256:10 257:5	169:19 249:21
34:21 45:16,19	257:15,19	maintains 21:13	305:13 313:5	255:23
45:22,24 46:4	258:11 260:12	57:16	Manville 1:2 3:3	map 17:23 34:3
46:6 47:17	260:13,17,22	maintenance	3:9 5:5 6:11,15	34:23 140:11
49:18,19 50:2	261:8,10,21,24	46:1 60:24	9:14 10:10	Mapes 22:1
50:5 51:7,19	264:23 265:1	61:3 87:18	16:17 18:14	145:9 195:3,9
51:22 52:1,4,4	265:19 266:1	172:8	27:21 28:9,14	197:17 198:1
52:9,14,18	268:14,16	majority 39:16	29:22,24 30:19	270:24 273:16
1 ' ' 1	288:12 302:17	188:1 223:3	30:20 32:5,13	274:10 275:4
54:16,20,24		229:2	}	1
55:4,8 56:23	302:18 304:7	makeshift 19:2	34:19 37:17,19	mapping 276:7
58:16,19 60:7	306:8	manesmat 17.2	37:21,24 40:20	March 80:5
		l	l	l

				Page 343
91:20 109:23	225:3,17,20,21	44:7 186:17	206:19,23	283:10,23
110:11 119:18	233:19,19	Matt 3:4,8	208:9,19,20,23	291:20 292:21
123:21 124:16	251:12 256:18	matter 1:2 23:2	209:10 216:11	296:5 299:2,16
202:1	257:2 265:23	27:20 28:7	216:16,18	300:18 302:15
Marie 3:8 6:6	267:1 278:17	53:5 110:19	238:14,23	303:9,17 305:1
Marine 16:11	298:13,15,18	119:3 122:20	239:18 240:2	311:12 315:7
22:12	298:20 299:2	196:7 202:16	240:10,14,16	315:10 316:3
mark 6:5 33:20	299:12,17,20	240:20 241:1	245:11,16	meaning 62:22
40:2 46:10	301:18 302:1,9	241:18 242:3,4	249:5,6 262:14	95:3 181:13
132:6 136:16	302:13,16,20	248:10 273:5	262:18 263:1	276:3,24
marked 35:19	302:21 303:1,3	291:10 315:21	263:11,15,16	meaningful
46:17 89:1	303:11,17,21	matters 5:22	263:19 264:1,6	140:1
144:3 172:22	303:24 304:6,8	248:9	264:9 265:17	means 95:16,17
288:21	304:14 305:12	McCluskey 3:5	271:14,17	95:23 180:2
marker 34:24	308:4,10 311:4	McGINLEY	279:12,14	273:18 274:16
marking 36:2	315:5,8,22	2:20 4:6 6:16	284:23 285:12	275:9 276:18
markings 33:8	316:1,4	6:16 9:10,11	285:17,18,24	281:24 318:9
master's 111:5	materials 16:16	11:6,12 13:20	286:4,15,19,20	meant 274:10,16
masters 69:2	18:9 35:15	14:15,24 22:19	287:12,16,17	276:13
matched 223:7	37:8 42:22,23	22:20,22,24	296:19,21	measures
matching	97:3 115:15,16	28:11 34:9	297:9 305:10	120:17
213:18	115:18 116:20	35:16,24 36:7	306:11,14,16	mechanism
material 18:13	123:13 130:21	36:10,16 38:9	311:20,21	180:13
20:22 21:16	131:2,4 145:20	38:14,19 46:20	312:5,9,12	mechanisms
23:14 39:8	185:3 190:18	48:5,7,8 55:17	317:3	179:10
45:4 72:13	191:15 199:3	55:18,20 60:8	MCON 111:21	meet 145:3
74:16 95:6	200:10 206:1,7	60:11 63:4,10	mean 11:9,9	256:12
96:21 115:13	213:10,20	63:12,19 64:3	14:17 48:9	Member 2:7 6:3
116:8 124:2	218:13,18	65:5,14,17,21	49:4 57:18	members 2:6
130:4 138:2,12	219:1,3 220:19	78:19 79:20	69:20 106:5,22	5:24 13:24
138:17,19	220:20 221:13	89:5,19 95:14	153:2 174:15	16:5 70:1
144:13,18	221:15 223:2	96:9 97:9	177:24 195:7	memo 51:3,5
145:21 152:12	223:22 224:22	101:14,15,18	195:10,13	memorandum
159:7,18	225:5,10,12	102:21 104:23	196:7 201:22	40:15 75:7
179:11 180:23	226:14 229:2	105:20 107:22	202:7 203:23	77:15 80:24
184:24 186:14	245:22 246:3	107:23 127:24	204:6,13,14,18	99:9 170:13,16
190:22,23	264:24 266:21	133:9,17 146:4	207:19 208:12	170:19 173:12
191:9,10 192:4	268:15 298:21	146:7,8 149:20	208:13,21,23	173:22 176:24
192:8,15	303:4,8 304:11	150:6 151:1,4	209:1,3,7	177:2,5 179:16
196:12 200:17	305:1 308:14	151:7 157:3,7	210:21,22	181:2,15,20
201:4 214:8,24	308:18,24	194:19 195:5	211:1 238:17	228:10,21
215:1 218:5,9	309:1,3 313:19	195:24 196:3	240:23 256:9	309:7,17
218:11,20,24	313:20	196:16 201:20	258:2 260:22	memorandums
220:12,14,21	math 280:14	203:21,23	266:6,10	172:15
224:21,23	matrix 43:16	204:19 205:3	271:11 278:11	memorialized
				F

				Page 344
82:13	minute 208:2	84:20 149:10	233:15 292:11	276:13 311:3
memory 250:2	209:16 212:12	149:18 167:12	299:20	nice 203:18
mention 102:14	240:2	180:6 227:17	NCP 117:22	Nicor 93:9 99:5
282:7	minutes 101:2	237:1,3	near 98:19	183:6 252:14
mentioned 44:2	mischaracteri	moved 70:2	200:5 217:18	280:10
46:4 101:2	104:6	194:24,24	252:7 277:21	nine 93:18 279:5
161:3 175:3	misinterpreted	292:1	neat 131:4	280:2,13
198:17 227:19	121:19	movement 194:2	necessarily	ninth 50:7,8
231:11 283:9	missed 216:19	moving 66:22	260:8 292:8	NOB 117:14
methodology	misunderstan	149:13 184:11	294:2	non-detect
259:12 311:24	107:5	multiple 88:16	necessary 10:16	288:1,24
methods 88:16	mitigate 174:8	94:11 98:10	24:19 85:15	non-detects
131:6 289:15	174:21	189:15,15	168:24 174:7	286:10
289:17,23	mixed 246:15	252:11 280:5	228:2 235:13	non-time 174:4
290:10	modeling 44:5	315:16	247:24 256:17	non-Transite
Michigan 34:3,4	modification		need 14:4 26:13	221:18
125:11 307:24	201:3	N	36:6 48:9,10	Nope 35:1
microscopic	modifications	N 2:1 3:1 4:1	77:1 103:19	159:21
187:6	42:8 147:14,15	16:2,2,2 22:21	156:6 210:23	normally 144:21
mid 93:12	170:15,18	22:21,21 29:13	211:3 264:20	north 2:9 17:10
mid-'50s 49:15	228:8	29:13,13,13,16	needed 105:15	17:18 18:5
120:8	modified 40:22	29:16 55:19,19	117:14 156:9	19:6 32:14
mid-'70s 143:20	mold 73:2	68:2,2 89:18	182:12 191:2	34:22 35:4
mid-1950s 94:15	moment 66:10	89:18 97:15,15	192:5 200:10	36:3 76:18
100:9 252:22	89:7 100:5	101:17,17	218:6 242:16	125:16 127:18
280:8	130:8 134:17	106:1,1 109:8	Needless 25:5	161:10 183:17
middle 93:8	149:4 157:9	109:11,11	needs 26:15	217:10,17
100:6 177:19	197:7 222:1	240:15,15	77:10 86:4	288:19 301:13
201:1 243:22	224:10 225:2	naked 260:4	149:9 256:12	north/south
midpoint 125:8	234:13	name 5:2 6:10	311:5,11	161:7,9
Midwest 90:15	Momkus 3:5	21:24 22:23	negotiate 170:18	northeast 39:18
Mike 196:24	money 77:12,20	29:19 33:24	negotiating	91:7 183:21
miles 272:16,18	78:3 241:17	68:4,12 109:13	168:14	287:20
million 81:6,9	monitoring	112:1	negotiation	northern 90:10
83:4,7 230:5	111:12	named 103:4	105:17	91:2 111:4
mind 27:2 35:20	months 87:3	145:9 244:4	neither 8:10,12	125:8
86:16 95:2,16	201:23,24	284:9 285:7	net 272:17	northwest 16:23
132:10 150:20	202:2 204:1,10	naming 284:17	never 13:5 58:14	notary 1:12
215:15 253:5	morning 5:2	National 16:11	58:18 60:23	318:18
253:14	6:13 16:4,6	22:12	185:2 251:21	notation 147:5
minimum 131:3	22:23 29:18	natural 93:10	255:14 256:2	148:9 237:9
267:12 275:23	263:23	131:7 252:15	294:17 295:12	note 13:23 62:13
minor 110:23	motion 249:22	nature 75:5	new 82:5 202:12	78:14 189:13
200:22 202:14	move 7:23 8:19	100:21 122:23	203:8 204:2	195:6 211:6
minority 278:12	14:5,13 66:23	169:6,15 171:4	209:22 231:1	248:11 290:12
:				
			•	•

<u> </u>				Page 345
312:18	nutshell 5:16	151:2,5 192:21	164:24 220:22	65:22 66:1,5
notebooks 28:23	16:20	194:19 196:14	occurrence	66:11,15,19
noted 23:4		201:19,21	120:20 298:20	67:2,5,10,20
196:14 199:5	O	205:11 284:21	occurrences	68:9,13 73:13
242:24	O 16:2 22:21	objections 66:13	94:12 95:1	75:17,22 76:5
notes 78:11,12	29:13,16 40:1	211:2	98:11 100:6	78:21 79:1,6
167:23 318:12	55:19,19 68:2	obligations	221:14 280:5	81:13 83:11
notice 8:2 52:16	89:18,18 97:15	168:22 172:8	280:17	84:22 85:9
noticed 5:9	101:17,17	obliterate	occurring	89:3,8,16
45:23	106:1 109:8,8	163:15	130:17 184:8	95:12 96:4
notices 144:9	109:11 230:6	obliterating	October 197:20	97:11 101:12
notify 88:11	240:15,15	154:9	oddly 301:22	102:19 104:7
November 40:18	318:3,3	observation	odds 281:2	105:22 107:20
47:19 75:7	o'clock 1:17	74:7	OEM 268:3	108:1,4,11,19
196:24	317:22	observations	offer 26:14	109:4 110:1,5
NPL 284:6,12	O'Laughlin	26:17 188:21	46:23 53:4	118:6 119:10
number 5:7	2:20 6:19,19	215:24 278:7	109:19	126:1 128:3,7
14:10 18:19	9:10 11:2,8,21	observe 140:5	offered 10:15	129:8 133:12
55:24 65:19	15:16 22:19	observed 26:16	77:9 109:16	133:15 135:16
92:6 93:23	46:12 60:10	26:23 277:23	128:2	135:23 136:20
94:1 122:3	75:14 76:4	278:6 294:8	offering 291:11	141:15,18
135:19 141:8	78:18 84:23	obstruction	offhand 272:8	142:13 146:6
144:5 149:12	85:5,11 89:5,6	224:13	office 2:16 6:17	146:10 147:24
153:13,15,16	156:24 207:18	obstructions	6:20 34:22	148:3 150:5,10
156:20,23	210:8 211:1,7	224:18	45:20 56:17	150:14,17,21
157:1 170:3,17	211:12,16,20	obtained 12:18	officer 1:11 4:3	150:24 151:6
193:13 194:4	212:2,6 216:17	82:5 105:11	5:1,3 6:23 7:8	158:2 162:22
197:16 198:11	245:7	107:4 111:5	7:11 8:1,6,20	173:14 175:1,6
201:12 207:2,7	oath 176:4	122:6	9:2,5,9 10:22	175:9,15,22
222:8 232:6	object 46:21	obtaining	11:3,18 12:6	176:8 182:1,6
263:22 268:11	53:9 65:10	232:22	13:16,21 14:16	182:11,14
269:10,22	149:21 206:20	obvious 17:14	14:21 15:4,10	185:15 192:23
270:12 275:14	311:16	obviously 17:11	15:15,19,23	193:4 195:2,12
275:21 278:5	objected 64:9	172:6 210:4	22:17 28:10,16	195:16,19,23
280:23 282:18	205:8	211:3 219:18	28:24 29:10	196:1,5 198:4
285:21 300:8	objecting 48:8	222:23 237:19	32:19 35:6,9	198:7 201:11
308:9	53:11 66:10	238:8 247:4,11	35:22 36:9,19	202:17,21
numbers 82:8	objection 48:5	occasion 223:5	38:7 40:7	203:20 204:12
153:19 154:1	49:6 62:23	Occasionally	41:21 47:3,7	204:24 205:9
207:10 208:7	63:6 64:4,13	147:14	48:6,12 49:3	206:24 207:16
209:3,6,17	64:17,22 75:14	occasions 13:7	53:7,13,17	207:19,22
230:10 231:2	76:4 85:8	occur 95:19	55:15 63:3,5,8	208:4,16 209:8
264:7	95:11 96:2	296:1	63:11,21 64:1	209:11 210:14
numerous 13:6	102:16 104:5	occurred 11:10	64:10,14,23	210:19 211:5
179:22	127:24 146:4,8	120:8 131:16	65:3,13,15,20	211:10,14,18

<u></u>				raye 340
211:23 212:3,7	70:4 73:23	213:22 218:8	172:7	266:16 267:19
212:13,20	74:2,17 78:14	218:14,22	onsite 144:22	270:3,11
216:15,20	78:15,22 79:9	219:16 225:14	open 257:22,24	280:18 290:18
222:3 234:15	80:7 81:10,23	226:11 229:15	258:4	290:21,23
234:22 238:19	82:22 85:9,21	230:9,21 231:1	opened 42:16	291:11,17
239:6,9,13,23	90:13 91:19	235:16 236:6	opening 4:5,6	292:20 293:2
240:3 249:3	92:11,14 93:5	240:22 241:9	31:15 124:21	295:1,8 305:20
262:23 263:6,9	93:23 94:6,20	241:21 242:10	125:21	305:24 306:1
263:14,18	95:22 97:4,8	243:10 244:2	openings 6:24	307:5 311:22
264:4 265:8,15	98:17 99:24	244:13,17,21	14:6	312:3
271:16 285:2	100:4,13,22	245:3,20	operate 137:17	opinions 8:17
285:16 286:2	100:4,13,22	249:16 250:9	operated 140:23	13:12 25:9
287:14 297:3,7	101:10 103:2	251:3,16,20	operating 49:16	109:20 119:19
305:5 306:10	105.24 105.5	252:13 253:21	,	119:23 120:3,5
306:12 311:19	110:8 112:17	1	operation 44:22 164:19 257:4	
1		256:8 260:2	· ·	121:10,13,15
312:4,10 317:5	112:19 118:20	261:1,6 262:23	261:10,22	121:17,20
official 64:20	119:5 123:20	263:18 264:4	operations	123:18,22
oftentimes	125:12 126:1	265:14 268:2	172:8	124:3 128:2
115:17 116:3	126:14 129:4	269:7 271:3,20	operative	203:16 242:2
149:14 169:1	132:22 135:6	272:3,19,23	105:13	254:5 255:22
oh 7:8 9:2 15:15	135:11 137:9	273:5,16	opine 10:12	257:8 278:18
33:5 64:10,14	138:2,21	274:15 277:12	25:20 248:8	282:11 302:12
65:15 79:17	140:21 143:14	278:16 279:7,8	291:1 294:21	305:17
126:4 135:22	145:24 147:9	279:18 280:12	opined 138:7	opponent
148:13 153:3	153:21,24	285:13 286:24	292:11 303:13	195:20,21
157:5 170:12	154:24 155:3,7	293:14 296:11	opinion 9:23,23	opportunity
212:13 221:12	155:14,18	297:17 298:3	10:5,16 13:4,4	224:22
222:8 239:2,4	156:18 157:8	298:10 299:22	24:8 136:10	opposite 13:11
241:2 310:16	157:23 159:19	301:12,22	137:13,20	option 310:2,7
okay 6:23 8:1,20	161:17 163:13	305:17 306:7	138:3 142:4	310:20
9:2,5 14:7,16	164:15 165:4	311:9,19	149:23 158:12	order 10:17
14:21 15:9,15	167:1,9 168:8	old 25:14 48:17	163:19,20	49:19 70:15
15:16 28:16	168:16,17	177:15	184:12,15	76:15 77:2
31:18,19,23	169:8 170:8	on-site 173:9	185:5 189:9,14	83:18 84:19
32:19 33:12,20	172:9,19 173:2	251:1,14 261:3	189:20 202:13	102:9 103:11
35:2 36:16	175:6 176:15	onboard 212:18	203:4,4,9	117:14 118:12
37:14 38:3,14	177:19 178:20	once 111:20	214:2 215:22	122:8 127:10
42:3 46:10	180:1 181:17	122:12 156:9	226:24 227:17	128:13 152:11
49:24 53:7,13	182:5 183:1	182:4 228:16	227:22,23	157:17 168:9
53:20 57:2,11	192:10,18	one-four 65:14	229:12 231:2	190:9 196:6
57:15,21 60:5	193:4 194:18	65:16	231:14,22	200:10 213:23
60:20 61:17	199:17,24	ones 135:9 182:8	233:3,5,7,13	235:15,22
64:1,15,23	200:14,19	215:8 230:22	233:18,23	236:4,23
65:20 66:11,15	202:17 211:8	246:10 309:19	244:22 248:4	237:15 270:10
66:24 69:11	212:19 213:13	ongoing 40:1	249:22 266:15	296:5 300:13
	_			
L '		-	-	-

300:22 304:16 131:1 149:23 92:10 93:7 179:22 191:24 120:14 122:24					Page 347
ordered 18:14 ordering 22:11 160:22 224:1 104:3,4 110:17 225:18 233:5 123:3,10,11,14 168:5 294:8.23 140:7,22 143:5 233:17 235:7 126:10,10 sorderly 19:12 196:13 150:18 154:1 250:9,16 267:8 133:19,21 50:12 52:17 131:5 overall 81:2 167:23 168:3 278:4 279:18 134:20,124 orders 41:13 123:1 214:2 172:19,20 279:23 310:14 134:20,136:8 296:12 overlapping 173:10,18 314:17 316:15 37:17,21,23 orientation 34:2 overpass 143:12 176:12,12 217:16 219:22 217:16 219:22 138:12,19 origin 96:12,19 overrule 66:6 178:21 179:15 parallel 217:3 137:23 138:4,6 original 11:7 245:22 246:2 266:9 184:10,11 106:20,21,22 141:4142:5,19 304:18 original 11:7 31:10 118:18 12:12 144:1,6 193:2,23 parcel 25:10 144:25:19 144:25:19 201:7,8,22 209:23 229:12 229:18 223:3 239:35:25:4 239:35:25:4 239:35:25:4	300:22 304:16	131-1 140-23	02:10 03:7	170.22 101.24	120.14 122.24
ordering 22:11 226:9 293:9,22 131:14,15 233:17 235:7 126:10,10 orderly 19:12 294:8,23 140:7,22 143:5 243:20,24 132:4,21,24 50:12 52:17 131:5 outweighs 147:5 148:9 250:9,16 267:8 133:19,21 orders 41:13 196:13 overall 81:2 167:23 168:3 278:4 279:18 134:20,13(-18) 144:8 296:1,4 296:12 overlapping 259:4 173:10,18 279:23 310:14 136:11,13,14 206:12 oversal 81:2 177:20 178:15 parallel 217:3 137:23 138:4,6 orientation 34:2 overrule 66:6 176:12,12 217:16 219:22 138:12,19 origin 96:12,19 265:9 overrule 66:6 265:9 184:10,11 106:20,21,22 141:4 140:5,9 96:20 97:1,3,7 245:22 246:2 266:20 292:11 304:18 302:3 294:12 188:18 19:12 106:20,21,22 141:4 142:5,19 original 11:7 31:10 118:18 294:18 294:18 294:12 235:6,6 239:1 307:17,22 160:21 161:12 217:12 188:3 201:7,8,22 <td>1</td> <td></td> <td></td> <td>1</td> <td></td>	1			1	
168:5	i i		· · · · · · · · · · · · · · · · · · ·	1	
orderly 19:12 outweighs 147:5 148:9 250:9,16 267:8 133:19,21 50:12 52:17 196:13 150:18 154:1 268:4,6 277:17 134:2,91,2,19 orders 41:13 143:8 296:1,4 296:12 overlapping 173:10,18 279:23 310:14 134:20 136:8 orientation 34:2 overlapping 174:6,24 parallel 217:3 137:72,1,23 orientation 34:2 overpass 143:12 176:12,12 parallel 217:3 137:23 138:4,6 origin 96:12,19 265:9 overrule 66:6 178:21 179:15 104:14 106:5,9 140:13,20,23 96:20 97:11,3,7 245:22 246:2 265:9 184:10,11 106:20,21,22 141:4 142:5,19 304:18 285:3 197:10 205:16 215:21 300:19 parcel 8:6 133:19,21 304:18 285:3 199:10 205:16 106:20,21,22 141:4 106:5,9 140:13,20,23 2017.8,22 200:23 294:12 225:17 20 225:13 300:19 215:21 300:19 155:3,24 156:5 2017.8,22 203:23 294:12 223:17 227:16 235:7 307:4,11 161:14,14,17			1	1	1
50:12 52:17 196:13 150:18 154:1 268:4,6 277:17 134:2,912,19 134:2 0136:8 137:20 138:12 148:2 96:1,4 296:12 279:23 210:14 213:1 214:2 172:19,20 279:23 210:14 231:173:10,18 217:16 219:22 279:23 210:14 213:12 14:2 172:19,20 279:23 210:14 213:13,14 234:17 316:15 137:17,21,23 279:23 130:14 261:1,13,14 314:17 316:15 137:17,21,23 279:24 279:23 210:14 213:12 217:16 219:22 279:23 213:24,6 279:24 279:23 213:24,6 279:24 279:24 217:16 219:22 279:23 218:2,19 279:24 218:15 285:3 285:3 285:3 285:3 285:3 285:3 285:3 285:3 297:10 205:16 285:3 297:12 223:17 227:16 297:18 239:3,5 252:4 223:17 227:16 230:23 231:10 242:17 288:15 305:1 owner 104:14 owners 71:19 107:9 outline 154:24 155:8,18 16:4 outlined 75:8 80:18 0utside 26:9 outside 26:9 ou	1	•	· ·	ł ′	1 '
131:5	1 * 1	0		, ·	'
orders 41:13 143:8 296:1,4 296:1,4 296:12 123:1 214:2 296:19 (173:10,18 296:12) 279:23 310:14 314:1316:15 317:17,21,23 3138:4,6 314:17 316:15 317:17,21,23 3138:4,6 314:17 316:15 317:17,21,23 3138:4,6 314:17 316:15 317:23,138:4,6 314:17 316:15 317:23,138:4,6 314:17 316:15 317:23,138:4,6 314:17 316:15 317:23,138:4,6 314:17 316:15 317:23,138:4,6 314:17 316:15 317:23,138:4,6 317:23,138:4,6 317:23,138:4,6 317:23,138:4,6 317:23,138:12,19 317:23,138:12,19 317:23,138:12,19 317:23,138:12,19 317:23,138:12,19 317:23,138:12,19 318:18 316:13,3 304:18 304:19	1			1	
144:8 296:1,4 296:12 259:4 174:6,24 174:6,24 217:16 219:22 218:23 217:16 219:22 218:25 265:9 184:10,11 106:20,21,22 141:4 142:4 201:21 218:8 196:14 239:14 231:10 118:18 211:12 144:1,6 172:12 188:3 201:7,8,22 203:5,24,24 203:5,24,24 209:23 229:12 230:23 231:10 242:17 288:15 305:1 0werd 16:24 0wership 5:19 ought 104:19 0wership 5:19 ought 104:19 0wership 5:19 outside 26:9 0wership 5:19 outside 26:9 0wership 5:14 16:2 22:21 16:2 22:21 16:2 22:2 14:4 4:3:4 16:2 22:21 16:2 22:21 16:2 22:21 16:2 217:18 29:13 20:17,18,29 20:17,18,29 20:17,18,29 20:17,18,29 20:18 23:06:3 29:14	1 1				
296:12 orientation 34:2 oriented 17:16 259:4 overpass 143:12 174:6,24 176:12,12 17:16 219:22 17:16 219:22 17:16 219:22 17:16 219:22 17:20 178:15 overrule 66:6 178:21 179:15 178:15 104:14 106:59, 19 140:13,20,23 141:4 106:59, 19 140:13,20,23 141:4 106:59, 19 140:13,20,23 141:4 142:5,19 166:20 292:11 128:8 196:14 193:21,23 142:22 143:3,6 142:22 143:22 143:22 143:22 143:22 143:22 14			1		
orientation 34:2 oriented 17:16 orienting 160:5 origin 96:12,19 overrule 66:6 orienting 160:5 overrule 66:6 178:21 179:15 towervel 179:15 towervel 18:6 178:21 179:15 towervel 19:22 towervel 18:6 178:21 179:15 towervel 19:23 towervel 19:23 towervel 19:23 towervel 19:23 towervel 19:23 towervel 19:23 towervel 19:24 towers 19:25 towervel 19:24 towers 19:25 towervel 19:25 towers 19:25 towervel 19:			· · · · · · · · · · · · · · · · · · ·		' '
oriented 17:16 orienting 160:5 origin 96:12,19 of 196:20, 97:1,3,7 and 245:22 246:2 origin 96:12,19 overrule 49:7 overrule 49:7 oversule 51:2 oversule 51:2 oversule 52:2 oversule 52:3 oversule 52:2 oversule 52:3 overwlelming oversule 52:2 overwlelming 22:3 overwlelming 22:4 overwlelming 22:4 overwlelming 22:4 overwlelming 22:4 overwlelming 22:5 overwlelming 22:5 overwlelming 2			, , , , , , , , , , , , , , , , , , ,	1 *	
orienting 160:5 overrule 66:6 178:21 179:15 104:14 106:5,9 140:13,20,23 origin 96:12,19 265:9 184:10,11 106:20,21,22 141:4 142:5,19 96:20 97:1,3,7 overruled 49:7 188:8 189:12 125:3 142:22 143:3,6 266:20 292:11 128:8 196:14 193:21,23 parcle 253:10 154:4,12 155:1 304:18 285:3 197:10 205:16 215:21 300:19 158:9,18 original 11:7 oversew 55:22 206:23 219:15 parens 211:24 159:16 160:7 31:10 118:18 overseeing 219:15 222:8 parks 32:14 160:12 161:12 177:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 162:3 201:7,8,22 overseen 93:1 239:3,5 252:4 308:4,8,20 187:23 190:6 230:23 229:12 284:6 263:10,24 309:4,18,22 227:8,13,14 305:1 owned 16:24 279:9,9,11 19:11,19,23 253:12 254:8 304:19,22 225:6,10 306:10,15 306:10,15 31:10,18 45:16,19,22,24 257:15,18	i i	-	*	ł	·
origin 96:12,19 265:9 184:10,11 106:20,21,22 141:4 142:5,19 96:20 97:1,3,7 245:22 246:2 96:4 104:8 188:8 189:12 125:3 142:22 143:3,6 266:20 292:11 128:8 196:14 193:21,23 parcels 253:10 155:3,24 156:5 304:18 285:3 197:10 205:16 215:21 300:19 158:9,18 original 11:7 oversaw 55:22 206:23 219:15 pardon 151:3 155:3,24 156:5 31:10 118:18 30:23 294:12 223:17 227:16 133:7 307:4,11 160:12 161:12 172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 162:3 201:7,8,22 overseen 93:1 239:3,5 252:4 308:4,8,20 187:23 190:6 203:5,24,24 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 overwlehming 268:5 271:20 parked 52:17 parked 52:17 parking 19:3,5,9 253:613 252:22 305:1 owned 16:24 279:99,11 19:11,19,23 255:16,18 255:16,10 originated owner 104:14 309:10,11,3 45:16	1 :		•	! ^	
96:20 97:1,3,7 245:22 246:2 overruled 49:7 96:4 104:8 188:8 189:12 125:3 parcels 253:10 154:4,12 155:1 128:8 196:14 191:23 parcels 253:10 parcel				•	i ' '
245:22 246:2 96:4 104:8 189:14 191:23 parcels 253:10 pardon 151:3 155:3,24 156:5 197:10 205:16 215:21 300:19 158:9,18 215:12 144:1,6 30:23 294:12 223:17 227:16 133:7 307:4,11 161:14,14,17 172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 161:12 123:17 227:16 230:3,24,24 284:6 263:10,24 209:23 229:12 200:23 229:12 200:23 231:10 242:17 288:15 305:3 246:3 245:23 246:3			· ·		· '
1266:20 292:11 28:8 196:14 285:3 197:10 205:16 215:21 300:19 158:9,18 215:12 144:1,6 30:23 294:12 223:17 227:16 217:12 188:3 294:18 235:6,6 239:1 307:17,22 308:4,8,20 30:35,24,24 284:6 263:10,24 209:23 229:12 200:23 231:10 242:17 288:15 305:3 275:20 277:14 305:3 223:3 275:20 277:14 305:3 24:18 30:32 394:12 239:3,5 252:4 308:4,8,20 187:23 190:6 209:23 229:12 200:23 231:10 200:33 231:10 200:33 231:10 200:33 231:10 200:33 231:10 200:33 23:10	1 ' 1			1	i '
304:18 285:3 197:10 205:16 215:21 300:19 158:9,18 original 11:7 31:10 118:18 206:23 219:15 219:15 222:8 159:16 160:7 31:10 118:18 30:23 294:12 223:17 227:16 133:7 307:4,11 161:14,14,17 172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 162:3 201:7,8,22 203:5,24,24 284:6 263:10,24 308:4,8,20 187:23 190:6 209:23 229:12 230:23 231:10 264:2 267:3,6 300:4,18,22 227:8,13,14 209:23 23:10 223:3 275:20 277:14 310:1,3 236:13 252:22 200:19 23:29:12 34:18 37:21,24 285:21 306:9 20:18 23:10,12 255:16 257:10 201 30:19 34:18 37:21,24 235:5,6,239:1 307:17,22 308:4,8,20 187:23 190:6 209:22 329:12 300:23 29:12 264:2 267:3,6 310:1,3 236:13 252:2 230:3 30:10 228:6 207:114 279:9,9,11 201:11,19,23 255:16 257:10 305:1 300:11 309:14 314:13 309:14 314:13 45:16,19,22,24	1			} -	i '
original 11:7 oversaw 55:22 206:23 219:15 parens 211:24 159:16 160:7 31:10 118:18 121:12 144:1,6 30:23 294:12 223:17 227:16 133:7 307:4,11 161:14,14,17 172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 162:3 201:7,8,22 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 233:3 223:3 275:20 277:14 310:1,3 236:13 252:22 230:23 231:10 223:3 275:20 277:14 parking 19:3,5,9 254:16,18,24 242:17 288:15 305:1 306:10,15 23:15,16 34:21 255:16 257:10 20riginally 34:18 37:21,24 285:21 306:9 20:18 23:10,12 257:15,18 304:19,22 525:6,10 309:10,11,13 45:16,19,22,24 260:13,17,17 246:14 owners 71:19 309:14 314:13 46:4,6 47:17 260:22 261:8 246:14 ownership 5:19 209:21 263:22 51:6,18 264:23 265:24 <td< td=""><td></td><td></td><td>i '</td><td>1 -</td><td>i '</td></td<>			i '	1 -	i '
31:10 118:18 121:12 144:1,6 121:12 144:1,6 172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:12 162:3 201:7,8,22 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 230:23 231:10 242:17 288:15 305:1 223:3 275:20 277:14 268:5 271:20 275:20 277:14 279:9,9,11 304:19,22 252:6,10 306:10,15 23:15,16 34:21 255:16 257:10 255:16 257:	1 1		1	l .	1
121:12 144:1,6 172:12 188:3 294:18 294:18 294:18 294:18 294:18 307:17,22 307:17,22 307:17,22 308:4,8,20 307:17,22 308:4,8,20 308:4,8,20 309:4,18,22 227:8,13,14 227:10 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:8,13,14 227:11,18 227:11,	. ~ .		l	1 -	į
172:12 188:3 294:18 235:6,6 239:1 307:17,22 161:21 162:3 201:7,8,22 203:5,24,24 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 230:23 231:10 242:17 288:15 305:1 223:3 275:20 277:14 279:9,9,11 275:20 277:15,18 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 245:23 246:3 246:14 105:14 114:21 245:23 246:4 105:14 114:21 246:14 2000	:	Q	l e		i e
201:7,8,22 overseen 93:1 239:3,5 252:4 308:4,8,20 187:23 190:6 203:5,24,24 284:6 263:10,24 309:4,18,22 227:8,13,14 209:23 229:12 oversight 27:12 264:2 267:3,6 310:1,3 236:13 252:22 230:23 231:10 overwhelming 223:3 parked 52:17 253:22 254:8 305:1 owned 16:24 279:9,9,11 19:11,19,23 255:16 257:10 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:13,17,17 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 26:1:0,21,24 ought 104:19 107:9 paid 77:12,21 50:2 51:6,18 264:23 265:24 outhined 75:8 80:18 P P2:1,1 3:1,1 84:15,16,17,18 54:16,20,23 304:7 155:8,18 161:4 packing 42:23 packing 42:23 paragraph 50:1 58:16,19 60:7 20:3 23:15 12:23 294:2 0state 7:23 14:14 23:4 16:2 22:21 150:17,9 65:8	1 ' 1			(' '
203:5,24,24 209:23 229:12 230:23 231:10 242:17 288:15 305:1 owned 16:24 309:1,18,22 252:6,10 306:10,15 245:23 246:3 246:14 owner 104:14 245:23 246:3 246:14 owners 71:19 105:14 114:21 ought 104:19 outer 133:21 outline 154:24 155:8,18 161:4 outlined 75:8 80:18 80:18 0utset 7:23 14:14 23:4 121:23 294:2 outside 26:9 284:6 oversight 27:12 264:2 267:3,6 268:5 271:20 275:20 277:14 268:5 271:20 275:20 277:14 268:5 271:20 275:20 277:14 268:5 271:20 275:20 277:14 279:9,9,11 279:9,9,11 285:21 306:9 20:18 23:10,12 255:16 257:10 20:18 23:10,12 257:15,18 209:10,11,13 246:14 309:10,11,13 309:14,14:13 45:16,19,22,24 260:13,17,17 260:22 261:8 264:23 265:24 268:14,16 263:10,24 279:9,9,11 285:21 306:9 20:18 23:10,12 257:15,18 261:10,21,24 258:11 260:11 260:22 261:8 264:23 265:24 268:14,16 263:10,24 279:9,9,11 285:21 306:9 20:18 23:10,12 257:15,18 26:10,11,13 258:11 260:11	i i			1 '	i
209:23 229:12 230:23 231:10 oversight 27:12 overwhelming 242:17 288:15 268:5 271:20 parked 52:17 parking 19:3,5,9 parked 52:17 parking 19:3,5,9 parked 52:17 parking 19:3,5,9 parking 19:3,				1 ' '	1
230:23 231:10 overwhelming 268:5 271:20 parked 52:17 253:22 254:8 305:1 owned 16:24 279:9,9,11 19:11,19,23 255:16 257:10 originally 34:18 37:21,24 285:21 306:9 20:18 23:10,12 257:15,18 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:22 261:8 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 209:21 263:22 50:2 51:6,18 264:23 265:24 ought 104:19 107:9 paid 77:12,21 51:19,22 52:1 268:14,16 outline 154:24 P 84:15,16,17,18 54:16,20,23 304:7 155:8,18 161:4 P 78:3 79:11 52:3,4,14 302:17,18 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 20:3 23:15 12:123 294:2 packing 42:23 93:17 96:12 61:18 62:3,15 38:1,1 43:18 12:123 294:2 65:6,13 74:3,3	1		· ·		1 ' '
242:17 288:15 223:3 275:20 277:14 parking 19:3,5,9 254:16,18,24 305:1 34:18 37:21,24 279:9,9,11 20:18 23:10,12 255:16 257:10 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:23 261:8 245:23 246:3 owners 71:19 309:14 314:13 46:4,6 47:17 260:22 261:8 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 209:21 263:22 50:2 51:6,18 264:23 265:24 outhine 154:24 78:3 79:11 52:3,4,14 302:17,18 outline 154:24 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paragraph 50:1 55:4,8 56:23 part 9:16 17:21 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 pase 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:1	1		i ') '	1
305:1 owned 16:24 279:9,9,11 19:11,19,23 255:16 257:10 304:19,22 34:18 37:21,24 285:21 306:9 20:18 23:10,12 257:15,18 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:13,17,17 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 107:9 paid 77:12,21 50:2 51:6,18 264:23 265:24 outline 154:24 P.E.3:6 P.E.3:6 pager 278:23 pager 278:23 55:4,8 56:23 part 9:16 17:21 soutset 7:23 P.E.3:6 9acking 42:23 93:17 96:12 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1 1		ł	. ^	
originally 34:18 37:21,24 285:21 306:9 20:18 23:10,12 257:15,18 304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:13,17,17 245:23 246:3 owners 71:19 309:14 314:13 46:4,6 47:17 260:22 261:8 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 107:9 paid 77:12,21 50:2 51:6,18 264:23 265:24 outhine 154:24 155:8,18 161:4 P P2:1,1 3:1,1 84:15,16,17,18 54:16,20,23 304:7 soutset 7:23 P.E 3:6 packing 42:23 packing 42:23 packing 42:23 55:1,7,9 65:8 60:12,15,18 31:10,16 32:4 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	l I		ł .	,	1 ' '
304:19,22 252:6,10 306:10,15 23:15,16 34:21 258:11 260:11 originated owner 104:14 309:10,11,13 45:16,19,22,24 260:13,17,17 245:23 246:3 owners 71:19 309:14 314:13 46:4,6 47:17 260:22 261:8 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 209:21 263:22 50:2 51:6,18 264:23 265:24 ought 104:19 owns 10:1,19 78:3 79:11 52:3,4,14 302:17,18 outline 154:24 P 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paragraph 50:1 55:4,8 56:23 part 9:16 17:21 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1		' '		
originated owner 104:14 309:10,11,13 45:16,19,22,24 260:13,17,17 245:23 246:3 105:14 114:21 pages 4:2 129:13 46:4,6 47:17 260:22 261:8 origins 104:20 ownership 5:19 209:21 263:22 50:2 51:6,18 264:23 265:24 ought 104:19 107:9 paid 77:12,21 51:19,22 52:1 268:14,16 outline 154:24 P 78:3 79:11 52:3,4,14 302:17,18 outline 154:24 P 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paper 278:23 paragraph 50:1 55:4,8 56:23 part 9:16 17:21 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	, , ,	,	l .	1	· · · · · · · · · · · · · · · · · · ·
245:23 246:3 owners 71:19 309:14 314:13 46:4,6 47:17 260:22 261:8 246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 107:9 paid 77:12,21 50:2 51:6,18 264:23 265:24 outline 133:21 owns 10:1,19 78:3 79:11 52:3,4,14 302:17,18 outlined 75:8 P P2:1,1 3:1,1 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paragraph 50:1 55:4,8 56:23 part 9:16 17:21 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 page 62:17 65:4 65:6,13 74:3,3 79:11 65:6,13 74:3,3 65:6,13 74:3,3 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1 ' 1	· · · · · · · · · · · · · · · · · · ·	· ·	1	
246:14 105:14 114:21 pages 4:2 129:13 49:17,18,19 261:10,21,24 origins 104:20 ownership 5:19 107:9 50:2 51:6,18 264:23 265:24 outer 133:21 owns 10:1,19 78:3 79:11 52:3,4,14 302:17,18 outline 154:24 P 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paper 278:23 paragraph 50:1 58:16,19 60:7 20:3 23:15 soutset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 page 62:17 65:4 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	, –		1 ' '	, , ,	
origins 104:20 ought 104:19 ownership 5:19 107:9 209:21 263:22 paid 77:12,21 50:2 51:6,18 51:19,22 52:1 264:23 265:24 268:14,16 302:17,18 302:17,	1			1	ł
ought 104:19 107:9 paid 77:12,21 51:19,22 52:1 268:14,16 outline 154:24 P P Paid 77:12,21 52:3,4,14 302:17,18 155:8,18 161:4 P P2:1,1 3:1,1 84:15,16,17,18 54:16,20,23 304:7 paper 278:23 paragraph 50:1 55:4,8 56:23 part 9:16 17:21 outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 page 62:17 65:4 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1			•	1
outer 133:21 owns 10:1,19 78:3 79:11 52:3,4,14 302:17,18 outline 154:24 P	1 -			j '	
outline 154:24 P 84:15,16,17,18 54:16,20,23 304:7 155:8,18 161:4 P paper 278:23 55:4,8 56:23 part 9:16 17:21 0utlined 75:8 16:2 22:21 50:1,7,9 65:8 60:12,15,18 31:10,16 32:4 0utset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 0utside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	. –			· ·	1
155:8,18 161:4 outlined 75:8 P paper 278:23 paper 278:23 paper 278:23 part 9:16 17:21 80:18 16:2 22:21 55:4,8 56:23 part 9:16 17:21 50:1,7,9 65:8 60:12,15,18 31:10,16 32:4 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20		OWIIS 10:1,19		1 ' '	l '
outlined 75:8 P 2:1,1 3:1,1 paragraph 50:1 58:16,19 60:7 20:3 23:15 soutset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 31:10,16 32:4 packing 42:23 packing 42:23 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	i i	P		1 '	
80:18 outset 7:23 14:14 23:4 121:23 294:2 outside 26:9 16:2 22:21 P.E 3:6 50:1,7,9 65:8 60:12,15,18 60:12,15,18 31:10,16 32:4 66:2,2,3 93:6,9 93:17 96:12 61:18 62:3,15 130:11,15 63:17 72:8 71:3,7 73:22 74:23 77:20	1 '			•	, -
outset 7:23 P.E 3:6 66:2,2,3 93:6,9 61:5,8,10,12 34:19 37:22 14:14 23:4 packing 42:23 93:17 96:12 61:18 62:3,15 38:1,1 43:18 121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1			•	
14:14 23:4 packing 42:23 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1			1 ' '	i '
121:23 294:2 page 62:17 65:4 130:11,15 63:17 72:8 71:3,7 73:22 outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1			1 ' ' '	1
outside 26:9 65:6,13 74:3,3 172:21 176:17 93:12 99:23 74:23 77:20	1		ì	j '	· ·
01.15.00 (50.	1 1	x 0	i ·		1
128:21 130:3 71:13 72:0,7,7 178:22 179:17 102:13 120:10 106:9,10,19,20	{		i	1	
	128:21 130:5	71.10 74.0,1,7	1/8:22 1/9:1/	102:15 120:10	100:9,10,19,20
			l		

				Page 348
110:13 111:16	244:11 248:9	265:11	personal 129:2	photos 32:1
113:2 120:9,16	270:14 278:14	percent 21:10	293:24	56:22 116:14
125:16 127:18	285:9 290:7	21:13 43:22	personally 72:17	141:5
128:1 135:17	292:10 293:4	78:7 79:4	personnel 86:14	physical 179:10
143:12 154:4	293:18 303:3	88:19 315:1	personner 80.14	180:13 186:13
154:18 155:15	304:17 310:10	perfect 155:21	231:16 308:22	199:22 299:16
156:20 159:15	316:15	perfectly 297:1	pertaining 58:1	physically 34:17
160:12,19	particularly	perform 87:18	pertaining 38.1	37:9 152:23
163:9 165:11	90:2 118:14	87:22 88:2	Ph.D 69:2	PI 135:21
165:12 177:9	168:2 194:7	105:15 122:7	phase 84:14	pick 310:3
185:20 186:1	parties 4:4	performed 54:2	149:10 151:20	picked 293:3
187:3 188:14	11:12 14:1,3	83:19 122:11	194:8 288:7	308:19
189:8 191:2,4	14:10 76:13	145:2 174:17	phasing 158:14	picking 293:1
192:8 194:9,16	114:23 137:15	perimeter 50:2,5	phone 301:5	310:8
194:20 199:2	168:23 169:3	134:2,15 143:1	photo 32:11,23	picture 140:17
199:15 206:1,8	193:13 285:7	258:11 260:13	52:4 74:10,12	158:15
206:11 213:11	parts 36:13	period 7:15 78:5	74:12 133:4	piece 10:1 16:23
214:7,9,20,24	160:21 315:16	111:1 229:7	141:7 142:3,5	17:17 56:16
218:6,12,21	party 27:10	257:3 261:13	142:17,20	57:6 74:15
225:5 226:13	76:10 168:20	264:24 265:18	150:4 158:16	134:23 139:13
250:24 273:2,7	195:11,20,21	283:15	158:21 160:1	199:14 220:24
278:17 288:7	283:12,22	periodic 144:24	160:24,24	273:7
288:11 295:2	284:3	periphery	161:23	pieces 16:21
302:17 304:6	pass 15:17	291:16	photograph	21:15 72:9,15
304:12 305:8	passage 25:5	permanent 18:1	32:12 49:22,23	72:17 95:5,19
305:20 308:7	path 99:1,19	permission	51:11,16 52:12	96:7 101:5
311:21 316:18	pathways	105:15 131:8	52:20 74:13	275:10
partial 171:14	177:15	224:2 225:13	132:9,13,15,15	pile 246:13,16
171:17	pattern 73:2	226:6	132:20 141:21	piles 159:18
partially 20:5,5	190:5	permit 234:5,7,9	158:6,12	Pines 248:13,13
participate	paved 161:24	permitted	163:24 164:11	pink 34:6 155:7
75:11 76:1,11	pavement 238:9	244:10	166:8 259:5	158:9
participating	pay 163:10	permitting	260:4	pipe 19:17 21:11
97:21	paying 144:24	111:17 114:3	photographs	21:15 22:2
particles 180:5	payment 84:24	117:8 243:17	25:14 32:10	42:22,22 43:11
247:19 307:3	pays 226:20,22	251:10	45:14,24 57:9	43:12,14,14,21
307:21	PCB 1:5 5:7	perpendicular	60:3,4,14	43:24 44:3,12
particular 62:22	176:2	219:24	61:18,23 62:6	44:14 46:5
99:6,20 118:16	peat 213:16	Pershing 17:5,6	122:3 131:23	51:7 60:18
128:16 157:21	penetrates	17:8 33:19	132:3 134:6	72:8,10,21,21
178:6 184:5	180:14	37:5 103:14	190:4 258:2,7	73:7,7 99:21
186:12 188:10	people 17:13,15	166:14	258:12,22,24	100:1 101:3,4
190:18 199:3	59:18,20,22	person 44:8	259:1,3,12,13	120:14 121:3
205:20 213:9	73:4 132:22	54:12 74:19	259:16,23	122:23 123:10
236:9 238:2,17	166:7 217:7	299:3	293:18	134:1 137:24

<u> </u>				rage 349
184:19,24	121:4 122:13	187:4 192:14	149:7 151:12	213:22 214:16
185:3 186:3,6	128:18 139:19	201:2 205:20	155:8 158:5	217:7 258:7
186:8,10	139:23 142:9	229:22 230:4	159:24 160:10	282:3 283:11
187:22 188:1	191:14,16	230:20 231:7	160:24 161:4	289:3 296:9
188:12 189:24	254:21 258:10	230:20 231.7	162:14,19	303:22 312:6
190:2 194:17	261:21 268:20	planned 293:10	164:8 173:20	312:14 315:20
197:20 214:21	275:24 277:9	planning 70:24	176:14 180:1	pointed 182:8
214:23 215:12	283:6 291:17	86:1,24	186:5 188:7	
215:19 216:1	292:5,7 293:11	plans 21:4 25:1	193:20,22	pointing 17:12 287:19
219:6 223:3,14	293:22 294:8	69:10 86:2	196:18,21	points 145:15
223:23,24	295:4 311:7	111:18 112:24	197:9 198:16	Pollution 1:1 2:2
224:12 227:10	314:11 316:17	113:17,18	198:23 200:19	2:6 3:7,8,8 5:3
227:12 228:1	placed 20:18	114:8,10	205:16,17	pop 259:6
229:3,5 231:12	21:16 51:8	116:15 122:3	213:6 215:6	pop 239.0 portion 24:22
237:12,19	130:18,22	135:7 162:8,12	216:4,5,23	36:24 37:1,2
260:12,21,21	184:18 200:3	190:12 250:11	210:4,3,23	36:24 37:1,2
261:3,8,12,20	200:17 206:8	250:12,14	217:6 219:14	47:16 70:23
261:23 266:22	214:8 215:1	250:12,14	222:8 224:10	75:20 77:22
266:24 267:14	261:23 267:13	271:21 277:24	225:4,19 226:3	91:1 106:18,19
273:17,21	277:21 295:9	plant 32:14	227:21 228:4	137:16 151:14
274:2,6,17	300:12 304:11	49:16 90:16	233:4 234:19	172:10,11
274.2,0,17	304:15	125:3	235:5,8 236:16	184:3 192:21
276:1 290:24		plausible 274:3	245:4 249:4	267:23 271:23
292:15 295:9	placement 172:5 184:16 189:10	į -	262:7 268:3	309:16
295:15 296:12		play 11:22,23	272:4 277:17	
298:12 301:17	194:3 267:11 275:21	please 15:20 29:3,18 33:12	278:22 279:9	portions 18:2 31:17 79:10
302:2,6 305:19		33:21 36:12	279:24 285:15	1
306:1 307:7	placements 295:15	40:3 41:17	296:16 306:9	152:18 184:20 267:15
1		1	l .	1
313:15,18 315:4	places 20:12	52:23 64:24	309:6,9,10,13	posed 174:1,11
1	placing 266:16	67:9 68:4,10	314:13,17	position 13:11
pipeline 252:23	plain 266:6	69:19 75:18	317:9,13	256:20 257:1
pipes 19:14	plan 18:16 24:13 28:21 42:8	79:13 81:11	pleased 6:2	294:20
237:24		85:21 91:11	PLM 314:21	positive 235:22
pit 74:14,15 277:20	71:9,19 74:21	92:2 93:5	plus 129:2 191:3	possession 45:15
	74:22 75:13	108:18,21	point 10:16	132:16 197:13
pits 93:18,24	76:3 77:2,4,23	109:13 110:15	11:22 25:17	possibilities
277:19,21,23	80:23 81:3	110:18 118:4	27:13,20 34:11	315:12
278:5,6 280:2	82:5,14,20	118:11 119:5	51:21 56:23	possibility
280:13 314:22	85:16,18 86:21	119:13 125:20	58:3 64:24	187:23 227:1
315:3	87:6,20 88:3,6	129:11 130:10	98:23 100:15	262:4 274:22
place 12:9 23:5	91:21 92:18,19	130:15 132:7	110:15 112:10	274:24 317:2
23:9,24 24:3	103:18 104:18	138:15 140:7	121:8 122:2	possible 84:24
24:16 25:10,16	114:14 136:6	140:22 141:6	132:23 143:3	103:20 130:14
25:21 26:17	181:24 182:19	142:2,9 145:19	150:8 162:6	130:16 171:7
57:5 116:16	183:10,14	146:11,22	166:7 208:24	193:15 258:17
BACK STORY OF STREET				

				Page 350
260:20 261:2,5	prep 12:21	press 73:2	268:19 304:22	122:1 201:22
292:3 295:2	prepaid 84:16	pressure 99:12	315:18 317:15	203:14 204:1
303:20 304:5,9	preparation	99:15	probative 195:7	269:22 276:8
308:9 316:19	71:18 254:14	presumed 96:13	196:13	280:21 282:20
possibly 153:10	prepare 80:7	presumed 90.13	problem 16:14	product 43:10
,	88:11 281:1	pretty 117.19 prevent 174:9	79:21 191:10	256:22 299:23
post-construct		preview 120:3	212:22 292:19	299:23 300:2
**	prepared 12:13) ~	3	1
post-hearing	81:20 101:24 109:19 110:11	previous 7:20	302:6 308:7	production
5:23		8:5 116:13,23	problems 23:6	51:18
post-trial 28:6	118:10 119:16	132:5 169:22	procedural 4:4	productive
potential 228:14	199:1 242:2	188:14 215:9	5:15 66:8	253:13,15,16
229:6 233:12	265:12 280:24	215:23 219:20	proceed 15:24	products 34:16
potentially	preparing 58:23	220:1	29:11 47:7	42:21 43:1,5,8
86:19 93:14	58:24 59:6	previously 7:14	49:7 53:8,18	professionalism
99:14 159:18	87:1 114:21	13:14 33:23	66:16 67:21	317:18
283:12	255:21 302:11	47:21 185:21	76:7 104:9	professionals
Powell 3:8 6:5	preponderance	190:17 211:21	109:5 151:8	112:7 258:23
power 32:14,15	227:5	224:11 271:18	176:6 205:12	profile 136:12
practicable	prescribed	price 296:8	208:5 212:15	201:10 205:21
225:11	294:8,23	primarily 32:12	proceedings	213:7
practice 112:12	presence 39:7	35:14 39:15	1:10 89:14	profiles 112:23
practices 255:23	87:21 174:11	71:8 131:21	108:9 175:20	112:24 113:19
273:12 304:2	188:5 190:2	144:1 152:21	239:21 317:20	250:13
pragmatic	214:4 229:1	177:22 233:14	318:10	program 103:5
308:22	307:5 314:23	250:23 307:6	process 20:1	111:3
pre-existing	present 2:6 3:2	primary 16:8	30:19 42:10	programs 117:8
199:11	25:6 71:21	21:6 69:21	43:18 44:5	progressed
preceding 239:5	93:13 104:17	173:4 177:21	97:6 103:16	111:13
predated 99:22	117:12 120:14	177:22 179:1	148:19,21	project 5:19
predates 93:11	138:18 152:12	228:23 294:3	177:14 191:16	20:7,8,20 21:8
predicated	169:19 178:18	prime 217:3,3	191:18 192:9	21:10,12,22
200:11	179:9 187:22	217:11,16	237:2 256:3,6	22:1,2 23:21
predominantly	215:13 242:12	220:3,5 297:17	256:10 313:23	24:24,24 25:3
227:9 297:24	281:19 292:15	298:24 300:8	315:5 316:20	25:17 27:1
298:8,9	292:16 308:8	prior 55:3,8	processed	30:4 37:18
preference	presentation	69:13 72:2	224:23	45:6 54:10
175:10	26:4 27:4	82:6 132:3	processes 27:1	56:7,9,10
preferred 170:5	103:20	149:13 151:19	290:20 311:13	61:23 68:22
prejudice	presented 40:23	254:4 255:12	316:10,13,16	69:7 92:24
196:13	41:2 131:22	257:11,12,14	316:23	100:14,18
prejudicial	223:13 270:9	257:14,18,18	produce 260:3	112:5,7 120:13
195:6 202:7	277:5 281:11	privy 207:13	produced 7:14	126:13,17,20
203:21 204:6	282:15 283:2	probable 80:12	7:22 9:4,14	128:16 129:20
preliminary	presenting	probably 38:17	10:5,10 12:17	130:1 135:1
] ^ -			į '	1
1 74H·1X	1 248.4	1 241.7 249.15	1 12.19 53.24	1 139 10 143 8 9
240:18	248:4	241:7 249:15	12:19 53:24	139:10 143:8,9

				rage 331
143:11,13,15	243:16 244:8	229:18	196:8 308:16	qualify 233:19
143:18,23	245:21,23	proposing 283:5	318:18	quality 113:24
144:4,11,14	246:4,5 247:6	proposing 285.5	pull 31:21	115:9 258:20
145:5 146:1,15	247:23 250:19	Protect 130.10 Protection 16:7	271:15	260:10
147:8,15	257:5 294:13	121:6 197:1	pulled 9:20	quantities 163:9
149:11 154:5	294:14,17	233:21	126:19 127:20	192:11
154:10 155:16	295:23	protections	133:23	quantity 299:8
1		169:2	•	
156:10,12 165:9 166:5,6	prompt 108:13		pulling 207:6	question 16:14
1 ' '	proper 8:17 27:6	protruding 74:14	pulverized	26:10 79:9
184:23 189:8			186:11	90:22 102:24
190:7,12 191:3	properly 5:9	provide 13:3	pun 41:8	193:24 194:1
194:8 197:18	properties 16:16	14:22 25:20	purchased 69:23	194:11,14
197:21,23	117:12 164:14	50:12 97:2	purpose 16:8	198:3 221:6
200:8 206:2,9	299:16	169:2 185:22	39:5 99:4,11	251:20 278:3
206:16 213:12	property 9:17	192:6 193:13	165:22 173:19	290:17 315:15
214:9 223:22	12:15 16:21,23	198:1 199:9	173:22 189:24	315:18
224:7 233:9	16:24 17:17	235:15,22	253:13,15,17	questioning
244:12 245:1	19:5,16 30:21	244:24 296:7	253:17 313:7	252:20 293:7
247:8,12,17,18	30:22 34:18,20	299:20	purposes 17:15	295:8 311:17
250:10 256:13	39:4 45:19	provided 13:2	34:2 53:2	questions 31:14
267:16 271:1,4	52:14 56:16	84:3 99:3	114:23 124:21	55:14 60:9
271:5,6,7,9,11	57:6 106:11,12	110:21 113:11	125:12 168:16	63:20 89:2
271:12,22,23	111:16 116:13	119:2 189:22	203:19 231:21	97:10 101:11
272:5,7,11,13	116:16 120:9	190:1 200:8	pursuant 5:14	105:21 107:19
272:19 273:3	120:16 122:4	202:5 230:1,18	18:15 19:3	176:9 202:20
274:7 275:1	132:5 137:17	231:20 232:3	277:23	239:12 240:18
293:19,21	138:23 152:18	249:23 254:15	pursue 27:23	242:14 297:15
294:3,24 295:3	161:15 169:1	281:22 295:1	put 15:2 43:21	312:14 317:4
295:14 296:2	188:6 189:24	provides 197:2	49:10 132:10	quickly 6:2
296:10 304:17	222:18 252:8	providing 46:16	134:9 209:16	230:10
305:19,23	252:24 253:3,8	202:3	223:7 237:5	quitclaim 8:22
306:2	253:12,18,19	provision	238:8 259:3	9:6,12,20
projections	258:15 280:22	181:24 225:16	298:24	quite 90:8,11
81:21 82:9	281:14 292:15	proximal 290:6	putting 39:24	111:10 115:19
191:1 230:16	292:16,18	proximity	114:14 296:12	158:23 159:17
230:18,21	proposal 169:19	187:16 288:1	309:1	quote 11:11 16:8
232:4	proposals 115:1	300:15	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	174:7
projects 21:17	propose 170:2	PRP 27:24 28:3	Q	quoting 16:6
77:18 111:15	proposed 85:15	PRPs 28:1 284:7	qualification	
112:6,16	136:6 170:4	284:9,13,15,17	118:17	R
113:17,22	172:2,3,12	285:7	qualifications	R 2:1 3:1,5
114:2 115:9	173:5 174:4	prudent 196:8	110:20 243:7	29:16 55:19
117:19,21	176:23 181:8	265:11	248:2,7	67:23 68:2
128:21 129:3	191:6 199:13	public 1:12 14:1	qualified 25:20	89:18 97:15,15
148:18 149:8	200:9 206:17	173:24 174:10	243:14	101:17,17
170.10 147.0	200.9 200.17	113.471/4.10	,	
	l			I

				rage 332
106:1,1,1	277:16 278:4	150:6 156:15	135:12 139:1	reference
109:8,11	279:23 314:17	170:11 237:10	144:6 145:7,16	136:13 154:7
240:15	readily 116:24	242:3,6 245:20	146:2 147:18	198:11 238:18
radius 162:10	142:6 180:10	245:24 246:23	151:14 154:7	247:22 250:15
Rafati 196:24	reading 98:18	249:9 253:21	159:10 164:22	250:17,22
railroad 165:14	100:23	264:17,19	173:20 175:23	252:17 254:22
166:4	reads 197:12	273:17 312:16	178:22 180:2	270:16 271:8
raise 29:2 67:12	268:5	314:1	182:2 184:14	272:14 273:23
108:19 165:18	ready 239:24	recalled 197:20	185:12 189:22	288:10 310:10
191:16 192:5	real 12:2 175:2	recapitulation	190:5,17	referenced 9:13
raised 62:4	realized 45:15	293:11	193:21 195:6	12:21 135:13
122:16 165:24	really 9:22	receive 84:5	196:8 197:10	204:22 228:20
raising 196:15	26:22 50:16	183:23	198:20 201:6	247:8,16
		į,		1 '
ramp 37:4 74:8	61:14 91:6	received 11:17	201:17 207:1	264:20 276:20
103:13,14 184:21 304:12	96:19 114:9	110:22 197:3	208:17,18,24	references 154:6
	117:6 121:9	receptor 178:5,6	216:13,16	228:10 252:11
Randall 197:12	182:3 195:7	receptors	221:18 222:7	274:1 307:10
197:19	207:23 209:12	177:15	225:5,16 227:6	referencing
Randolph 1:15	210:12 238:7	recognize 79:24	227:11,18,21	65:10 135:8
2:2	269:15 294:20	81:16 83:14	228:6 233:5	197:7 198:13
range 44:15	304:13 310:14	216:9 235:3	240:4 252:12	278:19
230:2 232:5	reason 8:18	recognized	254:19 277:6	referred 31:3,15
ranges 209:20	13:15 24:17	266:21	295:4,13,19	71:13 103:9
Re-Redirect	25:23 75:10,24	recollection	297:4,6,8	referring 47:21
4:13	88:5 202:23	78:10,17 97:1	305:23 317:8	59:2 60:21
reach 121:20	203:13 259:22	recommend	recorded 275:4	82:20 100:10
179:4 180:10	266:11 277:2	39:9	records 25:15	136:4 157:16
reached 119:20	282:14 309:24	recommended	56:21 57:4,16	189:19 206:21
119:22	reasonable	39:11,20 40:22	97:6 116:18	246:5 250:21
reaching 123:17	119:23 265:11	reconnaissance	288:16	251:4 275:6
reaction 50:14	reasonably	222:17	recovery 251:12	287:10 298:5
read 32:22 74:3	123:17	record 5:11,23	Recross-Exam	310:9
75:18,21	reasons 43:7	15:11,20,22	4:12	refers 103:9
102:22,23	rebut 21:4	17:11 24:7	rectangular	refine 233:1
103:1,15	rebuttal 119:2,7	25:6,7 26:18	52:9 125:3	refined 230:19
130:15 145:16	119:15 121:7,8	29:19 32:17	red 127:4,4	reflect 94:21
150:15 151:12	121:9,12	40:2 51:1 52:8	152:2,2 236:1	reflected 110:19
151:15 173:19	125:20,23	52:24 62:13	redevelopment	110:20
178:21 180:1	149:24 150:3	68:5 74:4	143:13	refresh 78:10,16
184:13 190:16	150:12 159:20	75:20 89:9,11	redirect 4:11	refuses 16:19
193:21 197:10	159:23 215:6	89:17 108:13	63:23,24	regard 94:19
225:4,16,18	223:17	109:14 118:1	reevaluate 96:17	98:4 100:1
226:2 227:20	recall 44:14	121:23 122:5	refer 17:22 18:6	254:22
233:4 235:8	1		l .	
	58:12 60:1,2	124:22 127:13	168:17 235:18	regarding 5:18
237:10 268:5	102:18 103:7	130:15 131:22	250:18	64:4,5 69:8
	l	I		l

				Page 353
70:22 85:19	relevant 10:1	181:8 183:9	repeating	267:5 268:3,19
96:24 112:22	112:19 248:3	229:8 231:17	167:13	269:12 270:6
124:3 195:3	reliable 48:11	306:24 307:2,9	rephrase 63:9	270:15,17
243:7 244:24	48:24	309:2 311:6	75:22 95:13	275:19 276:21
254:16,17	relied 8:11,13	remember	146:11 315:15	277:12 278:18
255:15 270:19	190:3 194:10	151:10	replace 41:6	282:5,6,8
277:14,16	232:24	remind 240:10	replaced 261:4,9	285:14 306:8
305:18	relief 260:8	remnant 164:17	261:12,22	307:18,19,19
regards 98:3	relieve 49:19	removal 18:15	replacement	312:24
regular 72:21	relocate 83:19	42:10 71:18	85:24	reported 318:9
73:6 84:8	relocation	75:13 76:3	replicate 213:7	reporter 13:24
regulators	183:15 184:6	77:4,23 80:13	report 53:24	29:4 36:5,11
233:18	rely 104:17	80:18,19,22	71:12 98:18	67:14 108:20
regulatory	123:17 194:23	81:3 82:4,13	109:24 110:10	108:22 151:11
30:23 117:8	196:7,9 265:11	82:19 85:16,17	110:12 118:18	318:7
168:20,21	270:8	86:20,21,23	119:2,7,16,18	Reporter's 4:16
reinforced 228:9	relying 121:18	87:3,6 91:20	121:7,8,9,12	reports 8:11
reinforcement	131:21 147:19	92:17 103:17	121:12 123:21	69:10,10 97:18
43:10	203:5	167:19 168:6	125:20,23	97:23 100:23
relate 213:17	remain 121:4	174:5 176:18	128:13 131:15	123:5 124:16
related 23:21,24	remainder	181:23 182:19	138:22 140:22	254:23 281:12
40:15 58:15,19	183:22	183:10,13	149:24 150:1,3	281:20 282:16
77:18 90:20	remained	187:4 192:8	150:11,13	282:20 283:2
91:1 101:22	139:22	218:5 228:3	159:20,24	repository 57:18
130:21 159:1	remains 120:18	229:22 230:3	167:10 171:20	represent 6:11
254:7 294:10	remedial 42:7	230:19 231:6	172:19,21	23:1 94:2
307:6	69:9 74:20	232:1 247:7	176:11,13	174:19 203:1
relates 9:17	75:9 117:23	310:19	177:10 178:21	236:10
relating 49:1	120:20 229:11	remove 22:6	184:10 185:14	representation
relating 45.1	282:4	41:6 99:14	189:3,12	185:23 199:10
relation 199.24	remediate 18:14	163:15 191:14	191:23 194:10	222:14 247:12
61:15	remediation	200:10 226:18	198:15 215:6	259:7,8
relative 244:8	39:10 40:21,23	307:3 308:24	221:24 222:15	representative
298:21	41:8 69:9	removed 19:24	222:20 223:17	114:21 144:22
relatively 116:1	80:13 83:4	86:5 154:3	227:16 229:12	representatives
134:14 137:7	104:18	158:20 183:20	230:23 231:11	122:14
276:23 287:24	remedies 75:12	185:2 191:7	231:19 242:8	represented
299:15	76:2 176:23	206:1 213:11	242:17,20,22	117:9 147:16
releasable	remedy 22:10	213:21 218:13	243:5 246:22	188:1 199:20
180:11	39:11,20 74:19	247:18 256:19	247:3,16,21,23	200:22 219:12
release 179:13	75:5 86:17	308:15	248:1 252:1,4	220:7 248:7
228:18	124:5 170:21	removing	254:6,14 255:2	269:21 281:10
releases 174:8	170:24 171:6	163:21	257:8 262:8,11	282:19 293:4
relevance	171:10,23	repairs 88:11,12	262:16 264:10	301:20,24
311:16	172:14,23	repeat 90:22	264:15 265:22	representing
311.10	114.17,43	1 cpcat 70.22	207.13 203.22	representing
	I	I	I	I

				Page 354
144:3 205:22	90:3 98:6	267:10 283:12	123:15 129:16	229:10 239:14
represents 127:1	106:3,4 115:3	294:17 307:20	129:17 143:22	240:4 243:21
206:3	118:14 126:16	308:3 314:4	148:22 197:13	248:20 250:2,7
reproduction	136:10 137:20	315:13	223:20 242:20	258:12 270:2,3
236:10	143:23 158:22	responsive	254:19	273:3,8,22
request 83:24	181:7 189:1	198:2	reviewing 25:14	274:10,12,23
197:2 254:10	190:13 199:11	rest 160:20	86:2 114:7	275:6 278:18
requested 75:19	204:20 231:9	restriction 76:9	228:6	281:23 282:24
151:13 228:8	234:7,10 244:2	result 22:8	revised 7:12,19	283:22 285:24
require 40:20	244:5 248:1	120:22 174:16	revision 91:21	286:21 287:2,5
170:20 181:2	271:12	179:4,13	198:22,24	287:20,20,21
296:6	respective 14:2	282:21 290:15	201:10,12	288:17 289:2
required 13:3	respond 89:7	291:24	202:3,13,24	291:15 295:10
19:8 22:5	respondent 1:7	resulted 184:23	229:18 231:20	295:16 296:2
40:21 87:11	2:21 5:6 6:18	235:11 267:22	revisions 202:5	296:13 297:18
90:19 99:8,9	6:21	311:14 316:11	242:24	298:1 302:3,22
120:20 168:15	responding	316:14,20	right 10:13	304:23 305:20
169:4,8,13	233:24	resulting 228:18	11:21 16:13	306:5 307:4
170:19,24	response 12:7	results 92:16	17:2,10 18:5	308:1,11
171:4,5 174:22	41:10 55:22	94:11 98:10	19:9,21 29:2	309:13 310:8
176:18 181:6	194:10,14	199:6 223:12	33:3 42:13	311:1 312:24
182:23 183:14	197:2,10,12	269:17,24	45:6 61:6,20	315:17 316:5
213:11 292:22	203:11 228:1	270:9 280:4	62:18 65:23	317:9
308:24	242:14 249:21	281:10 282:8	67:12 69:18	right-hand 33:2
requirements	270:20 273:24	282:10 291:7	74:15 83:8	130:11 148:7
75:8 85:24	274:11 275:5	314:20	88:23 90:11	right-of-way 8:2
requires 87:7	283:17 293:6	retired 197:17	98:15 99:7	18:7 35:3
requiring 22:13	295:6,7 297:15	reused 237:12	107:10,17	36:15 37:12
75:6	309:19 310:13	reveal 94:11	108:12,20	104:15 105:2,7
researching	310:15	280:5	123:23 132:8	106:6,15 107:6
257:7	responses 210:3	revealed 98:11	132:19 133:2	107:12 126:12
reserve 47:8	responsibilities	reversion	138:11 142:8	127:16 130:5
85:10 211:2	112:10 250:10	242:13	148:11 149:4	130:17,24
resident 21:24	responsibility	review 32:6,8,10	150:14 151:24	131:1,2 214:18
144:16,20,21	16:13,18 22:14	45:14 121:22	153:18 154:11	224:1 225:24
145:7 197:17	112:13 144:12	131:22 145:6	155:5 156:19	226:8,10 252:7
224:2 270:24	144:24 266:17	148:19,20	158:10 159:16	rightfully
293:23	responsible	164:22 234:13	160:8 164:8	241:22
resistant 43:8,9	74:20,22	241:12 258:1	166:15,19	rights 128:12
respect 9:12	103:12 104:12	313:9	167:15 175:16	rights-of-way
12:14 16:7	104:13,14	reviewed 12:17	175:23 181:19	224:2
20:23 27:14	112:11 148:21	13:7 57:8	200:24 203:3	rising 307:23
37:16 52:3	154:8 163:21	92:18 97:17,22	203:21 210:20	risk 174:18
54:4,8 68:23	184:13,16	113:2 114:22	211:20,23	177:6,12,13
75:1 78:4 81:3	189:10 241:9	120:7 122:2	212:2 214:11	178:1,10
	ı	ı	ı	1

				Page 355
road 19:21,23	roadways 115:4	ruling 47:8	277:24 287:9	SB-13 287:11
19:24 20:15,19	163:15 250:13	85:10	287:24 288:4	SB-15 287:8,10
24:1,16 25:2	250:18,23	run 18:20 217:3	288:13,14,19	287:20
33:9,17,23	251:2,2	217:9 219:24	289:11,15,21	SB-16 287:10
43:15 99:2	Robertson 4:3	253:11	291:4 293:2	scale 157:17,20
135:4,4 136:7	5:1 6:5	running 19:5	314:21	272:9
139:17 154:9	robust 26:14	132:19 176:20	sampling 71:22	scaled 157:20
155:12,19,24	rock 130:20	219:22 230:4	71:24 86:15	schedule 86:22
156:5,6,14	rocks 180:15	301:13	87:20,22 88:2	192:11
157:18,18	role 37:16 54:4,8	runs 18:2 125:7	94:4 105:10	scheduling 77:2
158:6,15 159:2	56:7 60:24	199:9 217:11	167:14,17,21	schematics 25:1
159:4 160:6,6	102:23	217:16,18	185:9 215:20	Schick 197:13
160:15,15	roofing 42:22	220:3 253:19	268:11,18,20	197:19
161:3,5,7	298:13,15,17	297:18,24	277:15 278:19	science 110:23
162:5,16	298:20 299:1	298:8,9 301:2	286:7,9 289:5	110:23 111:6,7
164:15,18,19	301:18 302:1,9		315:2	scientific 119:23
164:20,21	302:13,16,20	S	sand 10:2,14,20	scope 75:5 80:18
165:18 189:2,5	302:13,10,20	S 2:1 3:1 16:2,2	17:5,7 34:1	86:3 114:12
191:8 199:9,12	303:11,17	22:21 29:13	107:16 125:5	120:24 124:5
200:16 214:12	304:5 305:12	55:19,19 67:23	235:10 308:16	149:23 172:13
216:2 217:11	313:19,20	89:18,18	Sangamon	172:22 173:3
217:13,20,21	315:4	101:17,17	111:2	176:22 229:11
217:22 219:23	room 1:14 17:15	109:8 240:15	saw 9:21 45:23	229:19 230:19
223:15 232:11	132:23 148:16	240:15	50:15 58:22	267:4 271:4,21
236:19,20	166:8 217:7	S-68:11	211:9 254:1	272:5,19
237:4,6,20	317:12	S302-B 287:6,21	sawed 51:8	scoping 292:18
238:13 245:23	rough 158:18	S345-B 289:2	saved 31:8 saying 36:8,22	scoping 292.18 scraps 179:6
246:3,4,14	roughly 143:20	S346-B 288:24	94:24 95:8,15	180:6 228:11
247:7 314:8	146:3 156:17	S46-B 288:18	159:11 200:15	Scratch 159:22
road/parking	165:24 181:14	safety 88:5	265:23 269:12	screen 49:10
186:19	230:6 241:16	saith 29:15 68:1	289:24 305:11	157:12,14
roads 102:15	route 177:20,21	109:10	says 33:4 50:3	216:9 217:7
103:8 135:4	177:22 194:6	Sam 68:12	50:10 64:18	search 57:9
155:15 156:11	routing 156:8	sample 94:1	66:4 74:4 93:9	second 17:17
163:8,22 190:9	rows 50:13	186:14,17	94:10 96:12,22	21:19 65:8
235:10,20	315:2	215:16,18	100:6 160:6	66:2 89:9 92:5
251:14,15	RPR 1:12 318:6	269:10 287:3	163:13 176:17	92:7 93:6
roadway 115:3	318:17	288:16,24	177:20 225:9	130:11 191:24
115:6,6,8	rule 5:21 12:24	289:20	235:9 252:14	201:3 217:15
165:7 223:8	102:17 261:19	sampler 215:13	264:22 266:2,6	201.3 217.13
225:8,11 226:6	262:3,5 274:21	samples 185:24	267:10 269:7	233:17 235:6
235:12,15,23	ruled 195:1	186:16 188:19	269:16 272:15	243:20 268:4,6
250:21 251:13	rules 5:15 8:18	188:21,22	276:17 280:1	243:20 268:4,6
251:17,19,22	49:5 66:8	199:7 206:3	291:12 310:17	i e
273:7,11	195:13	215:14 219:8	SB 287:22	286:13
2/3./,11	175.15	2.0217.0	SD 201.22	Secondly 195:23
	I	I	I	

				Page 356
secretary 193:18	220:2,8 221:8	204:14	sheet 153:12	235:20 271:21
section 66:7	220.2,8 221.8	sentence 66:4	211:11	271:23 289:17
110:16,17	229:23 243:18	93:8,21 94:10	sheets 223:1	295:14 305:24
118:17 130:7	252:17 258:10	96:11 100:5	shingles 302:21	shut 88:10
130:19 136:5	265:3 267:16	145:17 173:20	shingles 302.21 shoes 42:24	side 35:4,5 36:3
184:14 194:6	274:4 277:19	176:16 178:22	Shore 76:18	36:4 56:17,24
224:3 225:4	279:15,20	225:19 252:6	183:17	74:15 90:10
231:13 233:3	287:2,8 288:4	252:13 269:16	short 16:17	95:10 100:12
233:10 234:1	289:6,7 291:15	270:11,14	89:12 108:7	107:12 125:13
243:6 247:15	293:17 298:4	310:16	118:17 175:18	130:11 132:19
247:23 248:8	301:13 317:19	sentences 226:3	239:19	155:5 161:9,11
252:3 305:18	seeing 35:18	separate 91:12	shorthand	165:4 167:5
306:23 310:10	52:2 208:15	111:19 271:11	318:10,12	217:10 237:4
314:15	209:5 218:22	280:14,16	should've 12:4	238:12 291:23
sections 5:14	218:23	281:6 316:21	should ve 12.4 shoulder 134:12	314:9
217:2	seek 261:6	separated 95:17	shoulders 17:19	sides 99:15
see 17:1,19 18:4	seeking 170:14	95:18	show 10:3 14:23	204:13
19:21 24:11	193:13	September 42:5	17:24 18:8	signature 91:22
26:3 31:22	seen 28:6 38:22	149:2	19:7,13,18	118:20 148:12
32:24 33:3	40:10 41:24	series 148:24	20:3,11 21:15	signatures 92:22
36:2 43:14	47:10 51:13	219:21	21:19,23 22:5	148:24
44:3,5 53:8	53:21 58:15,18	serious 196:9	23:18 24:7	signed 92:17
65:9 73:1,2	59:14 61:17	serve 165:23	26:18 48:10	168:4
78:18 85:6	62:12,15,20	serves 250:2	62:7 153:10	significance
93:21 103:13	63:13,16 72:9	service 156:11	162:12 191:5	42:9 148:15
108:5 127:4	72:16,17 73:16	199:23	199:18 200:9	163:18 176:21
130:8,12	102:8 137:3	services 68:17	235:17 237:23	192:3 198:23
131:17 133:11	139:24 152:3,6	244:24	238:4,7 247:15	significant
133:20,22	152:14,17	servicing 179:3	271:22 290:6	27:18 134:23
137:6 140:9,16	153:21,24	set 56:15 75:12	304:15	136:9 149:11
140:18,19	193:7 208:12	76:2 114:10	showed 10:9	158:12 172:22
141:9 142:22	211:8 215:6	147:13 148:10	147:19	173:3 179:7
148:8 154:21	222:10 233:14	148:18 149:23	showing 62:14	188:4 299:1
154:24 155:11	255:3,6,12,14	199:6 270:5	164:12 206:16	signified 50:6
157:18,21	264:10 266:12	sets 114:8	206:18 218:4,8	signing 148:22
158:16,23	293:24 295:12	settlement 70:14	218:16 219:19	sill 94:17
159:1,3,17	296:11 299:18	168:5,9	271:18 302:9	similar 44:2
160:1 161:20	305:22	seven 220:9	shown 26:24	172:12 205:19
164:10,15,17	select 247:8,12	283:16 297:20	140:2 164:14	215:7 219:18
168:6 172:24	selected 171:23	sewer 225:21	281:18 283:3	223:11 233:11
174:13 175:16	Senior 6:5 30:4	shallow 238:10	shows 26:21	233:15 234:2
178:14 179:19	sense 181:18	shape 19:1	132:16 135:1	241:7 259:12
189:4,16,22	260:7 291:8	43:13 52:9	136:15 158:15	307:1,11,16
201:7,18	sent 11:4 80:4	235:13	199:19 205:24	308:22 311:12
213:16 214:13	84:1 193:13	Shee5 192:11	215:24 235:19	311:13
	•	ı		

				rage 337
similarities	39:8,12,13,16	132:20 135:2	257:11,12,13	88:14,22 89:22
316:1,3	39:19,21 40:15	136:7 138:8	257:14,18,20	98:4 102:7
similarity	40:16 42:12,12	139:12 140:3,4	258:16 266:18	103:10 115:12
311:10	44:24,24 45:3	140:5 142:6	266:22 267:2	115:14,20
simple 25:23	45:9,12,17	144:8 145:7	267:12,14,15	125:1 126:8
simplify 212:12	46:2,8 47:16	153:1 158:22	267:23,24	130:24 152:15
simply 136:15	49:23 51:1,17	161:10,18	268:11,21	167:11 171:8
165:17 272:20	51:19,20,23,24	162:3 163:11	269:9,14 270:5	172:14 174:2
281:9	52:5,15 54:5,9	164:24 165:2,4	275:23 276:1	176:17,21
simulated 259:8	54:11,16 55:2	165:5,6,10,12	276:10,10	190:23 227:1
sir 36:6 58:21	55:7,22,23	167:15,20,21	277:4,9,10,11	234:10 248:23
59:10 91:14	56:12,13 69:5	168:24 169:17	277:16,18	249:1,8,10,11
92:8,15 93:21	69:22 70:5,9	170:6,7 171:1	278:1,8 280:4	249:12,18
96:23 102:24	70:23,23 72:2	172:1,6,9,11	280:6,15,18,19	251:15 283:5
108:2 234:13	72:5 75:11	174:2,5 179:10	282:24 283:10	284:6,12,17
243:19 245:5	76:1 77:14,19	183:10,21,22	283:13 286:7	289:8 312:20
245:18 263:20	77:20,22 78:4	184:2,4,8,17	287:2 289:5	313:2,12,14,21
265:4 267:17	79:10 80:14,14	184:20,20	290:13,22	313:24 315:9,9
272:4 275:19	81:3,4,8,21,22	185:1,2,4,22	291:1,13,19	315:14,23,23
276:2 278:3	83:2,3,6,21,23	186:19,19	292:1,8,21,22	316:7,11,12,22
279:1,16	83:23 86:1,6,8	187:19,19	293:1 298:1,9	sitting 159:20
286:22 289:3	89:1,23 90:3,7	188:2 190:10	298:9,22	situ 194:3
291:11 296:23	90:10,21,24	190:10 193:12	301:14 302:6,7	197:16
sit 28:17 96:17	91:1,2,7 92:15	193:14,16	303:1,1,4,4,6,8	situation 49:17
site 5:18,18,20	93:3,12,19	194:17 198:13	303:21,24	247:8
5:20 10:21,21	94:4,13,19,23	217:10,17,19	304:7,8 306:20	situations
17:1,2,18,18	95:2,20 96:8	218:21 219:23	307:9,14,18	117:10
17:22 18:10,10	96:13 98:12	220:20 221:19	309:21,24	six 110:3 201:13
18:13,13,15,15	99:13 101:22	221:19 223:1,8	310:23 311:1,5	220:9 252:15
18:18,18,21,21	101:23 102:4,6	223:22 224:21	311:7,12 312:1	283:16
18:23 19:2,11	103:11 104:2	226:15,17	312:19 313:5,8	Sixty 198:6
19:15 20:2,5,6	104:16 105:1,6	228:1,2,24	313:8,13,13	Sixty-three
21:22 26:1,17	105:10,12,18	229:17,21	314:22 316:8	38:15
26:18,20 27:8	106:19 111:15	230:2,7,8	316:15,17	size 72:18
27:10,14,15,17	112:14 116:6	231:6,9,10,13	sited 282:4,5	268:10 269:9
27:18 30:9,10	116:15,15	232:2,5,8,11	sites 17:23 18:3	270:12
30:13,15,16,19	117:2 120:6,10	232:15,16	18:11 20:22	skinned 116:22
31:11,14,14,15	121:2,4 122:3	234:3,7,7	28:1 31:3,5,7,7	slightly 20:8
31:16,16,17	122:7,10,10,24	236:8,12,23	37:17 39:4,10	217:20,24
32:5,13 34:5,6	123:23 124:23	237:13 246:12	50:21,23 54:2	slopes 225:23
34:7,15,17,23	124:23 125:3,6	248:13 250:24	69:6 70:11,20	sludge 299:9,11
35:3,13 36:24	125:9,14,17	251:3,5 252:6	71:17 72:10	299:14 300:5
37:1,2,7,9,10	126:6,7,7	252:10,16,21	74:21 75:2	303:5
37:11,19,20,20	127:11,18	252:24 253:19	77:7,10 86:17	sludges 219:5
37:22 38:1	131:16 132:4	256:19,23	86:23 87:7	smaller 135:9

				rage 550
317:12	156:22 157:9	southeast	62:21 114:13	spot 33:15
soft 213:16	159:9,22 164:1	107:16 125:4	114:18,19	spots 260:17
soil 26:19 86:2,4	182:9 189:15	287:7	129:1,14,21	spread 184:18
86:20 92:15	193:2,24 196:2	southeastern	130:1,3 134:24	185:1,3 267:13
93:17,24 94:1	212:21 213:14	291:22,23	139:10 144:2	267:23 275:23
94:4 152:10,14	216:12 221:5	southern 38:1	144:10 145:4	290:21 291:18
152:17,24	226:21 239:1,4	39:21 125:2	145:14 146:18	springing
153:18,21,24	245:12 249:5	252:8	153:3,5 190:11	202:12
172:5 173:8	262:11,19	southwest 31:3	190:16 191:5	square 18:24
180:7,9,10,14	263:15 264:3,8	31:7 50:20,23	191:21 206:2	19:10 237:18
183:18,20,24	267:7 279:2	69:6 75:2	206:15,15	SS 318:2
184:7 186:14	290:16 296:17	83:21 102:6,7	223:20 224:7,9	stable 235:15
186:17 191:7	296:24 309:10	103:10 125:4	224:14,19	staff 6:4,6
268:11,18	sort 18:24 25:16	southwestern	293:20 304:15	stall 140:20
269:10 277:24	120:2 127:5	132:17 174:2	specified 50:6	stamp 263:10,12
280:2,12 286:9	159:5,6 161:24	312:19 316:22	294:3	stamps 211:6
288:22 314:21	202:9 211:4	space 19:5 34:22	specify 192:14	212:1
314:24 315:2	218:1 221:10	133:16 273:20	speculate 256:9	stand 176:3
soils 94:22,23	232:20 244:22	speak 7:7	256:21 257:1	240:7 281:5,12
99:14 172:5	250:21 253:13	122:18 202:8	258:3 260:19	282:9
174:1,11	259:6 286:24	speaking 61:13	303:7,14,16	standard 129:14
176:19 192:7	sorts 18:24	241:16	speculated	129:24 130:3
sole 99:3	128:5 249:12	speaks 305:24	303:14	144:10 153:5
solid 180:15	sought 256:2	spec 256:22	speculation	190:16 223:20
186:7 299:15	292:20	special 163:14	75:15 128:1	standing 237:21
308:23 309:1,2	sounds 89:20	specific 64:5	194:20 284:22	238:11
somebody 58:5	source 48:24	115:2 121:10	303:10 304:24	start 7:5 16:5
148:21 253:12	115:22,24	128:15 168:22	305:3,8 316:17	87:4 146:1
someplace	116:2,4,8,11	170:14,21	speed 14:14	197:23 239:16
274:23	124:2 135:5	218:19 247:22	spell 68:10	240:1
somewhat 124:8	145:20,21	264:21,21	spent 25:13	started 120:5
sorry 8:7 12:13	178:4 203:24	274:1 277:2	240:24 250:3	121:22 143:19
27:6 31:6 32:9	224:21 227:12	285:7,8 310:9	313:11	145:23 166:20
32:24 33:5,6	278:16 300:4	314:10	split 19:14	189:21
34:12 35:8	304:13,18	specifically 7:18	260:12	starting 217:18
38:15,19 48:7	310:18	103:4 228:19	spoke 45:24	228:8
52:6 53:14	sources 104:21	228:20 237:18	90:1 248:8	starts 130:14
56:7 59:1 63:1	115:24 187:24	247:11 249:10	296:12	227:21 235:7
63:6 66:18	308:9,13 310:5	249:14 251:5	spoken 21:9	268:7 279:20
88:1 110:2	south 32:15 33:9	251:19 276:6	sporadic 26:22	310:16
126:4 131:15	35:4 36:4	277:15 294:4	94:12 95:1,2,3	state 1:13 2:16
132:7 135:20	52:10 56:16,23	314:1	95:4,8,15,23	18:1 23:1
141:7,16 146:7	57:6 217:4,18	specification	95:24 98:12	27:24 29:18
151:2,9 153:2	217:21 220:4	256:12 307:8	100:7 280:6,17	32:14 68:4
153:17 156:21	252:7 288:23	specifications	281:15 282:23	109:13 111:2
100.17 100.21	202.1 200.23	specimeanous	لاستان الله الله الله الله الله الله الله ال	107.13 111.2
	i	!	I	I

T				rage 339
131:14 140:23	40:8 41:20	stretches 221:2	subsequent	Suite 2:3,10,17
168:3 284:10	46:11 51:12	strike 249:22	110:21 117:13	sum 266:14
284:11,12,13	73:11 79:19	290:16 302:10	223:12	summarize
284:14,17	81:12 82:18	strong 223:13	subsequently	110:18
285:7 306:22	110:4 118:5	226:13	111:21,24	summarizes
307:4,11,17,22	125:22 129:7	stronger 43:19	250:5	177:13
308:4,8,20	132:8 135:15	structural 225:1	subsidiary	summarizing
309:4,18,22	141:14 142:12	structure 19:19	271:12	176:22
310:1,3 318:1	148:1 158:1	72:14 73:1	substances	summary 92:15
318:7,9	162:21 173:12	117:1 154:4	174:8,12	93:7 264:2
stated 123:7	177:4 182:7	162:1 165:18	substantial	267:4
178:13 179:22	185:13 193:3	165:21	18:11 24:22	Superfund 30:9
252:20	254:20 281:15	structures 94:14	173:24 174:9	30:15 31:11
statement 4:5,6	stipulating 53:3	100:8,10	174:20 283:6	69:5 248:12,13
64:17 65:9	stipulation	113:18,19	298:17 302:1	248:23 249:1,7
94:17,18 96:18	32:17 38:6	128:13 280:7,9	305:23 306:18	249:9,17
98:10 125:21	79:16 83:10	studied 98:1,5	313:3,15	superimpose
176:21 196:4	234:20 262:21	studies 24:14	substantially	126:8
256:13,15	263:1	111:3 117:24	162:12	superior 281:5
266:2 270:7,23	stipulations	study 58:8 99:4	substructure	supplement
273:19 274:11	15:2	99:5,8 282:5	23:16	118:19
274:14,16	stock 159:18	stumps 130:20	subsurface 54:1	supplemental
275:4 293:14	stockpiled 159:6	sub 209:1	112:22 138:3	99:5
statements 53:4	Stoddard 9:19	subbase 138:6	180:22 199:5	supplemented
124:21 252:2	13:3,6	subject 9:17	206:18 213:8	13:5
263:4	stone 250:12	11:13,14	268:13,17	supply 145:21
states 250:10	stones 130:16,20	122:20 177:11	270:1,5 286:6	support 10:4
252:5	180:5,15	186:15 228:17	292:17	111:11 113:16
station 244:9,14	stop 175:7,14	233:11 248:9	success 116:5	189:19 243:15
244:15	stopped 201:8	271:19	sufficient 49:4	244:22 249:21
stations 251:12	stops 19:11,16	submit 103:18	283:5	282:9
step 67:6 108:2	50:8,12,18	169:18	suggest 266:7	supported
148:20 169:5	51:9 123:10	submitted 82:16	276:19 315:12	149:16 189:14
173:6 188:11	134:3,16 138:1	163:5 170:11	316:9	295:3
215:11	stored 22:6	182:24 188:20	suggested	supports 163:20
steps 117:14	storm 113:18,19	283:17 288:5	227:11 230:2	305:24
stereoscopic	127:11	submitting	231:11 266:19	suppose 316:23
259:2,20,24	strands 187:7	103:21 114:16	suggesting 266:5	supposed 88:22
260:2,6	streamline	114:24	266:10 270:13	147:13 192:15
Steven 3:6 21:6	177:6	subparts 207:6	274:19	Supreme 12:24
24:17	street 1:15 2:2,9	207:12 208:13	suggestions	16:6 22:13
stick 160:23	2:17 10:2,14	209:4,6,15,18	245:22	sure 6:10 7:6
stipulate 147:23	10:20 17:5,7	209:21	suggests 226:12	14:23,24 15:19
stipulated 14:10	34:1 106:10	subsections	suitable 50:4	35:22 49:18
14:13,20 15:7	305:13	212:5	225:10	63:10 65:1
,,				
	•	•		

				Page 360
66:9 85:12	6:11	198:15 207:8	268:3 271:10	177:7 180:2
89:24 90:23	susan.brice@	212:16 231:18	275:21 279:15	187:13 188:24
125:9 146:12	2:11	237:19 239:15	288:20 306:17	220:17
150:9,21 151:9	susceptible	254:11 269:24	talks 150:3	telling 28:4
194:22 196:16	179:19 180:4	281:17 282:6,7	152:2 173:18	226:11
202:19 207:21	swear 29:3,4	283:6 292:23	174:6 179:18	tells 261:16,17
209:14 212:17	67:13,14	293:11,22	192:1	TEM 314:21
226:14 234:14	108:21,22	311:7 315:16	tasks 80:20	temperature
236:3 237:17	switch 42:13	takeaway	149:12 232:20	43:9
241:13 270:12	74:18	283:23	Tat 67:9 68:7	temporary
270:13 279:3	sworn 29:9,15	taken 1:11 26:17	91:22	19:20,22
282:12 286:15	67:19 68:1	57:5 105:8	Tatsuji 3:5 4:9	235:14
297:2 311:17	109:3,10	206:14 237:12	4:10,11,12,13	ten 44:17
312:9 315:17	317:16	268:12,20	68:6	ten-minute
surface 23:14	system 48:16,21	269:11 282:17	Taylor 60:20,20	239:16
44:6 54:1 55:1	48:24	295:4 300:16	60:23 62:11	tend 180:6
61:15 73:3	systems 113:20	300:19,21	Taylor's 60:24	tended 112:4
74:5,6 139:2	250:12,14	318:13	team 70:2,2	tendered 211:17
169:9 179:4,12		talk 42:14 44:23	74:23	term 62:21
180:10,17,21	T	74:18,19 165:2	teams 112:6	154:8 276:22
180:24 187:11	T 16:2,2,2 22:21	171:12 190:20	technical 23:24	terminus 162:16
187:12,17	22:21,21 29:13	248:2 250:3	68:17 112:7	217:13
200:5 222:16	29:16,16 55:19	252:2 275:20	114:12,18	terms 26:19
228:3,15,16	67:23,23 68:2	278:22 305:6	122:15 144:1,9	90:19 94:4
229:6 252:16	68:2 89:18	talked 91:8	145:4 190:11	116:10,18
268:10 269:9	97:15,15	123:21 134:17	191:4 293:20	121:2 168:23
269:21 280:10	101:17 106:1,1	172:14 190:21	technically	169:20 173:7
302:17 304:6	109:11,11	249:23 262:9	204:15	190:5,17 191:1
surfaces 73:3	240:15	273:24 290:21	technique	191:11 227:6
surficial 45:4	T-A-T 68:11	295:6 298:11	259:18	229:19 238:1
56:11 62:10	table 113:10	298:11 306:8	technology	272:5 281:13
167:19	210:15	talking 27:15	259:2,19,20,24	288:13 289:16
surplus 225:17	tabulated 223:2	30:9 31:16,17	260:2	308:13
225:20	229:24	52:5 59:7	telecommunic	Terrific 14:7
surprise 12:1	take 5:23 11:9	62:11 71:4	83:20 88:6,24	test 93:18,24
surrounding	13:22 25:24	82:12 91:12	telephone	277:19,20,20
39:4 41:7 62:4	26:15 89:6	98:14 106:6	197:18	277:23 278:5,6
141:23 164:14	108:5 109:22	107:11 124:20	tell 24:2 44:9	280:2,12 288:6
265:3,21 266:9	117:14 128:18	125:13 148:11	54:18 55:2,6	288:10 314:22
266:12	130:7 141:6	153:7 154:11	72:20 73:6	315:3
surveying	143:18 155:7	171:15 186:3,4	74:11 116:16	tested 188:14
111:12 113:21	156:18 163:11	186:4 211:19	131:24 140:16	testified 8:12
149:14 151:18	175:10 177:1	217:8 223:19	143:8 146:2	13:6 56:5,20
surveys 88:17	182:4 185:8	232:14,15	156:3 158:21	58:14,20 90:1
Susan 2:12 3:9	191:9,14	233:17 244:14	164:9 165:3,4	90:24 93:1

				Page 361
101:20 128:4	97:11 101:12	theories 25:22	third 21:23 37:3	165:7 172:16
137:22 138:16	101:16 105:21	25:23	76:13 114:22	172:17 175:14
149:4 169:23	105:22 107:18	theory 26:11,14	124:3 235:7	180:9,16,17,23
186:8 224:12	107:20,24	26:15 291:20	276:12,16	182:4 186:22
244:7,10	108:1,6 109:6	292:23	279:18 310:14	188:22 195:19
245:21,24	110:5 118:6	they'd 169:16	Thompson 1:14	196:3 205:10
261:20 266:23	119:10 129:8	thickness 314:24	thought 17:15	208:15,17
270:19,23	131:10 133:17	thin 187:6,7	64:11 103:9	209:6,12
284:24 293:7	135:23 136:20	thing 14:9 16:13	209:15 210:20	210:21 211:17
294:11 295:7	141:18 142:13	27:4 42:24	263:23	228:14 229:7
298:11 313:6	143:4 147:20	234:17 260:6	threat 173:24	234:11 250:3
testify 21:7	148:3 150:23	things 11:10	three 6:7 8:12	251:7 254:1
23:10 202:4	151:6 155:11	14:14 17:14	8:15 10:24	257:3 261:21
testifying 149:22	155:23 157:23	23:23 57:16	21:14 71:4	284:2 293:18
297:14	158:2,8,11	75:16 124:13	155:14 179:18	296:9 303:22
testimony 21:5	160:23 162:18	242:1,16	187:12 194:4	310:19,21
23:17 24:16,18	162:22 174:6	256:11 293:16	197:16 198:11	313:11
29:5 57:2,11	174:23 175:17	302:21	205:7 220:9	timely 7:22
58:17 67:15	176:7 182:14	think 6:6 7:6	259:8 268:10	times 111:20
100:24 102:1	184:9 185:11	11:4 13:24	269:8,19,20	115:10,23
103:5 104:1,6	185:15 188:7	14:12 15:10,14	273:24 288:9	116:5,6 179:23
105:3 107:3	190:20 191:22	23:3 28:5,17	288:10,11,11	242:19 280:24
108:23 146:19	193:5 194:9	33:1 48:9,9	291:15 308:2	288:11 289:13
151:21 175:12	196:15,16	49:4 52:21	three-quarters	289:18 293:8
176:5 194:23	198:7,14	65:9 79:18	310:17	timing 190:5
244:4 266:11	205:13 206:10	90:8 97:1	thrust 120:3,4	tine 117:2
271:19 290:14	207:16,18	107:10 121:1	179:5	Tipsord 3:8 6:6
293:12 302:5	208:6 210:20	123:21 124:19	Thursday 7:2	title 9:15,21 10:6
testing 114:1	212:20 213:13	135:7,21 150:6	tie 166:4	10:9 11:16
thank 6:24 8:6	215:21 216:20	154:17 166:8	tied 117:1 159:4	12:1,4,12,13
14:7 15:12	217:23 221:22	171:13,17	ties 311:17	12:18,22 30:3
16:1 22:16,17	223:16 227:15	172:20 173:4	time 12:3 25:5	68:21 225:9
28:9,10,24	229:9 233:16	196:2,8,11,12	25:18 27:16	titled 145:20
32:20 35:9,24	234:22 237:14	202:6,9 203:17	45:6,8 46:2	today 5:8,11 6:4
36:16,18,19	239:9,14,18	204:3 205:11	53:9 56:13	13:19,20 23:8
38:7,14,19	240:11,14	207:6,7 210:24	59:13 61:6	23:10 24:2
40:7 41:21	241:21 249:20	212:4 216:9	66:14,21 71:24	43:14 44:3
55:15,18 56:4	262:6 265:15	221:12 244:9	72:6 78:5	58:1,17 61:20
56:9 63:21	279:18 286:2	246:11 253:16	100:15,16	94:17 96:16
64:2 66:6,24	287:16 298:10	256:14,16	101:24 104:12	103:6 120:18
67:2,10,13	312:10 315:7	265:10 276:24	111:1,10,13,23	121:2 201:15
68:13 73:13	317:3,5	277:5 281:15	112:9 113:15	202:6 207:11
74:17 79:6,22	thanks 63:11	293:6 298:16	122:2,10	243:1 261:20
81:13 83:11	108:13 317:17	303:11 304:21	131:20 134:13	262:9 267:19
85:12 89:3	thaws 180:19	309:3 312:2,5	135:2 138:13	269:23 271:19
		•	-	•

293:6	95:19 96:7	treated 224:13	25:15 56:15,21	72:18 87:3,13
told 54:19 60:23	101:3,4 116:19	224:21 292:18	66:12,22 78:23	91:11 92:22
tomorrow 317:8	116:22,23	treatment	88:13 116:10	95:18 105:8
317:16,19	120:14 121:3	309:20	167:12 208:7	114:9 126:8
top 20:18 65:8	122:23 123:10	tremendous	209:21 212:11	131:3 137:15
74:3 138:1	134:1 137:24	89:21	212:12 230:10	179:18 200:21
155:6 187:1	137:24 184:19	trenches 225:21	254:4 264:6	210:13 212:17
191:11 214:11	184:24 185:2	trial 46:17 52:22	282:3	217:2,9 220:9
221:19 267:6,8	186:3,6,8	53:21 58:23	turn 24:8 38:3	221:1 226:2
275:20 281:24	187:22,24	59:1,7 73:9	40:3 41:17	235:11 237:11
topic 229:13	188:12 190:2	79:13 81:11	52:22 73:9	246:19,20
topographic	194:17 200:23	83:9 129:5,12	74:2,10 79:13	259:7 267:6
131:7	214:21,23	132:7 136:19	81:10 82:17	275:21 277:23
topography	215:12,19	140:8 153:13	83:9 91:10	278:4,6,11
167:3	216:1 219:6	153:16 162:19	92:1 96:10	281:6 287:24
total 84:18	223:3,14	163:2 168:16	118:3 119:5	288:5,16 291:9
93:17,23 94:1	224:12 227:10	181:22	124:15 125:19	291:15 310:14
280:1	227:12,24	triangle 236:21	162:18 176:11	313:11 316:21
totally 315:11	229:3,5 231:12	236:22	177:3 178:20	two-inch 44:15
touch 18:22	260:12,21	triangular	179:15 181:21	type 42:24
tower 100:12	261:2,7,12,20	160:13 235:11	185:10 188:8	123:16 165:21
towers 253:2	261:23 266:22	238:12	191:22 192:18	229:7 299:12
tracks 165:14	266:24 267:14	tried 64:21	193:20 196:18	311:24 315:11
166:4 189:5	273:17,21	289:16	197:9 205:15	types 20:21
Tracy 3:9 46:19	274:1,6,17	trigger 42:11	219:14 222:6	42:21 116:9
traffic 156:8	275:5,7,10,14	trucks 96:14	223:16 225:14	190:18 218:17
165:21 166:3	276:1 290:24	true 85:7 164:21	227:15 229:9	218:24 219:3
transactions	292:15 295:9	194:11 273:19	233:2 234:18	219:10 221:14
111:16	295:15 296:12	300:6 309:23	235:5 243:3,6	222:24 226:14
transcript 1:10	298:12 301:17	311:8 313:2	245:3 246:24	249:13 289:17
318:12	302:2,6 305:19	318:11	251:24 262:6	315:8,22 316:2
transcripts 5:23	306:1 307:7	truncates 91:7	264:3 267:3	316:4,20
transects 136:7	313:15,18	trustworthy	278:21 279:8	typical 140:20
156:2 217:10	315:4	196:12	285:13 306:9	237:1
transfer 244:9	transmission	truth 29:5,6,6	309:9 312:14	typically 43:22
244:13,15	253:2,11	53:4 67:16,16	314:12	44:17 94:13
251:11	transportation	67:17 108:24	turned 7:16	98:12 100:7
Transite 19:14	1:6 5:6 6:18,22	108:24 109:1	94:22	147:12,16
19:17 21:11,15	193:19 194:2,5	try 10:17 57:4	Turning 143:4	168:19 178:3
42:22 43:11,12	308:3	71:5 116:4	Twenty-one	253:8 280:6
43:21 44:12	transverse	160:10 199:2	154:13	296:1,6,7
46:5 51:7	190:10	209:18 223:6	twin 167:4	TT
54:21 60:17	traversed 314:8	236:24 256:2	two 9:4,12 16:16	<u>U</u>
61:9 72:8,9,21	treat 233:18	257:2 300:12	16:21 17:22	U 67:23 109:8
73:7 74:15	309:24	trying 24:5	19:14 43:6,6	U-J-I 68:12
		İ		

U.S 69:24 197:1	107:8 120:5,6	unwielding	99:10,10 181:7	versions 71:14
uh-huh 56:19	122:22 123:12	207:3	181:9 183:5	versus 5:5 13:9
61:21 62:1	128:11 132:14	update 81:21	252:23 253:14	16:11 190:6
90:6 253:24	134:8,10,21	230:17	300:9,10,14,22	229:21 311:11
ultimate 208:14	137:19 140:12	updated 232:4	utilize 45:19	vicinity 10:21
ultimately 27:3	144:15 152:8	upper 33:1	137:16	view 98:19,22
166:4 309:23	158:14 161:1	232:6	utilized 34:19	136:6 201:2
unable 198:1	171:1 194:13	upward 179:5	139:18 165:7	233:8 258:18
unaware 104:1	198:10 254:23	180:7	utilizing 107:7	viewing 32:1
unclear 66:17	257:11 258:23	use 21:2,21	8	258:22
undergo 86:1	260:18 269:16	28:22 35:2	<u>V</u>	violated 22:9
undergoing	271:3 273:4,9	45:21 47:16	vacant 253:10	violating 233:9
293:19	273:12 275:18	50:6 51:8	vague 63:2,7	violation 22:7
undergrad 30:5	276:3 302:16	53:12 64:21	95:11 146:4,7	121:5 124:7
undergraduate	313:20	66:13 78:23,23	146:8	violations
69:1	understood	120:8 122:23	valid 24:18	117:11 234:1
underground	56:12 72:7	131:16 132:1	27:23	visible 258:16
225:22	75:4 198:12	142:23 159:13	validity 48:11	315:3
underlying	207:24 227:8	213:3 223:21	value 78:8	visit 122:7 140:4
12:16 238:9	undertaken	224:22 250:14	196:13	visits 144:24
underneath	167:18 205:23	252:21,24	variability	visual 74:7
99:15 138:6,12	undertook 99:18	253:7 257:9,12	288:12	185:23 188:11
138:19 152:12	underway 87:2	260:22 265:1	variable 314:24	188:21 199:10
191:8 214:12	87:2	265:19 266:1	variations 44:6	206:5 215:10
237:5	undrained	308:17	various 19:16	222:17 260:3
understand 24:6	235:11	uses 116:13	42:21 117:8	277:22 278:5,7
56:15 105:2	unfair 12:2	132:5 190:6	126:16 144:7	291:8 314:20
114:12 125:14	Unfortunately	253:6 257:14	178:18 179:10	visualize 185:9
127:9 143:16	24:1 287:18	257:18	185:21 188:13	voice 35:7 36:6
144:2 145:8	uniquely 25:19	usually 43:6	190:3 199:11	249:4
152:11 158:24	University	117:20 148:21	209:1 218:17	voices 36:11
165:6 178:1	110:24 111:2,3	165:20	222:24 281:9	240:11
199:2 207:20	111:5 307:18	utilities 18:20	291:4 292:13	volume 86:20
255:1 256:24	unknown 96:19	41:5,6 71:19	vast 188:1 229:2	volumes 190:14
257:2,9 261:7	310:18	83:20 87:7,21	vegetative 39:15	191:2
265:22 268:17	unquote 11:11	87:23,24 88:3	39:24 172:5	voluminous
287:5 297:1	unsightly 131:5	88:14,17,21	183:24	24:10 121:24
313:17	unsuitable	94:14 98:13	verifying 133:6	vs 1:5
understanding	152:11 191:9	100:8 173:9	version 132:10	
49:13 57:15	191:15 192:8	176:20 179:3	170:9,10	W
72:1,4 79:17	200:10 205:24	183:16 184:7	171:24 172:23	W 29:13
97:2 103:11	213:10,19,19	280:7 300:13	182:18,21	wait 60:10
104:11 105:1,6	218:5,9,13	utility 76:18	201:23 203:5	192:23 216:17
105:14 106:13	unusual 258:24	87:13,14,17	204:2 229:20	216:17
106:16,17,18	290:1	88:11,18 98:20	232:1	wall 315:5 316:7

		······································		rage 364
want 7:4 13:23	wastes 249:13	90:7 107:11,23	232:16 297:18	285:22 287:13
14:17 15:13	wasting 225:3	114:10 116:2	western 31:17	305:7
108:5 124:12	water 85:24	117:21 125:13	36:23 37:1,2	witnesses 14:2
131:10 153:6	86:6 113:18,19	153:4 184:10	70:23 77:20	169:22
159:9,12 164:3	127:11 236:21	192:24 193:1	79:9 91:9	word 95:3 276:4
175:11 202:14	237:1,3,6,21	208:15,17	107:12 125:13	words 22:12
208:24 234:13	237:22 238:11	209:5 210:4	126:6 159:15	160:10 162:14
243:3 245:3	238:13 250:12	212:11,18	160:12 161:9	236:17
266:7 275:19	307:23	221:24 227:16	161:11 165:4	work 18:15 42:8
306:7	Watkins 3:9	229:21 231:24	165:11 172:10	42:11 58:1
wanted 12:20	Waukegan 9:24	239:15 253:7	172:11 184:3,8	61:23 69:9
57:24 201:17	10:2,2,13	268:3 300:7	185:1 217:19	70:22 71:3,9
202:23 204:9	16:22 30:9	we've 70:12	313:4 314:5,8	71:19 73:5
wants 46:23	32:5 42:20	166:8 215:8	316:8	74:21 75:11,13
202:4	54:11 69:5,21	262:8 269:23	wheel 19:11,16	76:1,3,14 77:2
Warren 111:20	105:2,12	308:23,23	46:5 50:8,11	77:4,10,13,22
113:4 250:4,6	106:14 174:3	Weaver 3:4	50:17 51:9	77:23 78:4
washes 310:4,5	180:5	111:23,24	54:21 134:2,15	80:13,13,18,18
310:18,19	Waukegan's	112:1,2,3	138:1	80:19,23 81:3
washing 308:10	105:7	241:10,17	wide 87:12	82:4,14,20
308:14,18	wave 307:22	Webster's	widen 225:23	83:18,19,22
311:10	way 12:18 24:9	276:12,16	William 3:3 4:7	84:12,13,14,19
Washington	35:19 37:3	week 7:3	4:8 29:20	85:15,16,17
2:17	59:16 77:6	weeks 12:19,19	92:23	86:10,21 87:1
wasn't 8:17,24	95:24 98:1	59:11,12 107:2	withdraw 151:1	87:6 88:10
44:13 166:18	113:13 115:15	137:8 254:3	151:4	90:18 91:21
231:13 302:15	145:3 166:18	255:10,13	witness 28:13	92:18,19 93:2
waste 16:15	178:5 179:11	weigh 27:7	29:9,14 33:22	98:6 99:22
21:16 22:6	180:16,24	weird 262:21	34:12 35:8,17	100:2 103:18
184:13,17,19	201:9 203:4,13	welfare 173:24	36:1,13 63:1	104:16 105:9
189:11 228:12	210:11 221:11	went 92:19	67:4,7,19,24	105:10,12,16
233:20 244:14	226:16 229:6	166:21,23	68:11 76:8	111:13,17
244:15 245:22	248:6 274:9	274:9	79:3 85:3 96:6	113:6,14,16
246:3 249:12	283:2 292:17	weren't 7:22	104:10 108:3	114:12,15,24
255:23 256:18	296:8 307:7	10:24 12:17	108:16 109:3,9	128:21 135:3
257:2 267:11	310:17	101:21 254:14	128:1,10	140:2 144:8
267:14,23	ways 169:17	290:1 292:8	133:10,14,18	146:1,15 149:6
275:22,24	we' 117:5	300:18,19	135:20 141:20	149:9,15,16
299:23 303:21	we'll 85:10	308:17	151:16 155:10	151:18,18
303:23 304:2,2	164:6 171:18	west 1:15 2:2,17	155:22 158:7	159:2,3 168:14
304:8 313:23	211:2	20:9 33:17	194:21 202:20	168:23 169:3
315:5,11,14	we're 24:4 27:15	37:3 49:17	238:16 239:4,8	169:12 174:21
316:11,21	28:17 35:18	51:17 153:1	240:7 243:15	179:11 180:23
wasted 223:24	71:4 85:1	166:12,22,23	244:3,18	181:23 182:19
225:12	86:24 89:16	217:12,18	245:14 285:5	183:10,13
	00.2107.10	<i></i>	# 10.1 F #00.0	103.10,13
	ı	1	1	I

<u> </u>			_	tage 505
187:4 199:16	wrong 12:14	0	1:40 176:1	176:2
200:13 202:11	wrote 97:20	0.25 315:1	10 5:10 193:24	140,000 230:6
205:22 214:17	100:18 104:3	0.421 272:16	194:1 197:11	14JM000040
227:7 229:22	255:2		197:12 309:10	65:6
230:4,20 231:6	255.2	000030 263:12	309:11	15 4:4,5 27:15
232:1,23	X	000294 235:2	100 1:15 2:2	84:6 122:8
236:24 240:19	X 4:1 29:16	000295 235:6	21:10,13 88:19	227:16 260:22
241:11,12,23	55:19 68:2	000297 235:19	275:11 291:16	261:1,10 306:9
246:18 247:2	89:18 97:15	000329 163:2	292:4	306:10
251:8,9,13	101:17 106:1	00040 264:19	100,000 241:20	15-minute 108:5
266:14 267:5	109:11 240:15	268:4	101 4:11,12 5:14	15-minute 108.3
		000564 222:9	101 4:11,12 3:14 101.626 66:7	l .
267:15,22	Y	0005836 141:9	1	16 47:19 109:23
281:2,3,4,6,8	yards 39:17	0007094 46:18	103 5:14	119:18,18
282:4,17,22	183:19 192:2	001154 135:13	104 197:4,5	153:20 172:19
290:15 293:8	yeah 36:13 79:3	154:19	104(3) 275:5	172:20 178:21
293:10 294:4,6	178:16 192:4	001157 213:1	104(b) 283:16	16-17 126:4
294:8,9,22	196:11 207:10	002649 156:20	104(e) 270:20	16-4 150:19
296:8,10	211:1,7,12,16	157:2	274:11	16-5 223:18
306:20,23	212:14	007104 46:18	105 4:12	16-6-15 191:23
worked 29:23	year 9:16,16	02005240	106 197:2	16.4 150:9
68:18 113:4	58:10,11,21	279:10	106.05 145:17	161 2:9
115:14 117:5	87:5 202:1	03.358 272:17	145:18	162 7:18 8:21
248:11,22	242:3,11,12,20	0393 18:7 106:5	108 4:13 280:14	13:17 204:16
249:8,17	242:3,11,12,20	106:9,22	280:16	204:20
294:22	245:24 254:6	06-24 124:17	109 4:14	163 7:19 8:21
workers 179:3	264:17 293:5	06-25 185:11	11 28:22 131:15	9:6 13:17
working 25:12	1	286:1	140:22 143:5	204:16,20
38:11,12 50:23	years 5:17 23:5	06-27 198:16	168:4 184:10	167 7:19,20 8:2
70:5 111:8	24:3 25:11,13	201:16,16	184:11 189:12	13:18 204:16
117:4 229:6	27:15 30:1	06-5 267:8	189:14 201:23	16th 123:21
232:21 240:24	55:24 56:2		201:24 279:5	17 119:6 153:20
241:6 243:11	68:20 69:17	1	11-500 2:3	17th 10:23 11:5
worksheets	112:13 116:23	1 74:3 110:17	11:15 108:6,14	11:6 211:15,19
223:2	243:11 246:19	124:15,17	114,000 77:24	18 8:21 153:20
wouldn't 62:2	246:20 260:22	125:19 159:19	1180 153:14	306:15
99:20 132:10	261:2,10 265:1	159:23 160:4	11th 142:18	1800 2:17
170:24 224:24	265:18 283:16	173:10 174:6	12 44:17 80:5	1815 9:6
252:22 258:14	283:16	234:19	191:23	1895 8:21
266:1 269:2	yellow 33:13	1-4 264:18	12-minute 240:6	19 129:5,6,12
277:1 288:1	35:2 158:5	1-S 301:2	130-acre 30:17	135:21 145:13
301:18 305:11	7	1,942.25 272:17	14 153:22 202:2	224:10
writing 100:16	$\frac{\mathbf{Z}}{\mathbf{Z}}$	1.2 110:17 243:6	204:1,10 222:6	19-2 145:16
103:17	Zayez 3:10	247:15,21,23	277:19,23	19-5 130:8
written 131:8	zero 231:17	1.9 83:4 230:5	278:4,6,11	1922 42:18
213:16	268:9 269:8,20	1:35 175:17	14-3 1:5 5:7	1948 93:11
	zeros 65:7			
L	•		1	•

				rage 300
252:16	219:17 229:20	109:23 110:11	3 5:18,20 10:21	188:8 190:10
1950s 19:3 59:24	230:1 242:13	119:16,18,19	17:1,2,18	190:23 198:13
93:12 131:17	267:3,6,8	181:18	18:10,13,15,18	210:2 217:10
134:7,9 140:24	275:20 277:19	2016 1:16 5:8	18:21,23 19:2	217:17,19
1956 47:19	285:14,19	82:1,24 85:16	19:11,15 20:5	219:23 221:19
1960s 19:3	286:19	230:12 317:23	20:22 27:14,17	227:2 229:17
1967 141:7,22	2-S 301:3	202.03 130:7	31:5,7,14,15	229:21 230:2,7
142:21	2,000 272:24	224:3 225:15	34:5,6,7,15,17	230:8 231:6
1969 143:20	273:20	202.04 225:4,6	37:17,20,22	232:11 234:3,7
146:3,16 149:7	2,221.01 272:15	207 130:19	39:4,12,13,16	234:10 236:8
1970 17:21	2.2.1 252:3	21 135:22 136:2	39:22 40:15	236:12 252:6
19:20 126:23	2.2.1A 150:9	136:2,3 146:22	42:12 44:24,24	252:10,16,21
141:1,3 142:17	2.3.2 277:14	146:22 148:1	45:3,9,12 46:8	252:24 257:12
143:6 149:2,3	278:19 314:15	152:1 154:12	47:16 51:1,19	257:14,18,20
150:3 232:9,12	314:18	206:11,22	51:20,23,24	258:16 267:14
1970s 23:23 98:7	20 9:6 20:12	213:1 233:10	52:5,15 54:3,5	267:23 268:11
143:23	25:11 43:22	234:1	54:16 55:2,7	269:14 270:5
1971 184:22	89:1 166:1,17	213(f)(3) 13:1	56:12,13 70:11	276:10 277:4,9
267:16	166:18 209:20	213(g) 13:1	70:20,23 72:2	277:10,11,16
1972 160:2,24	20-inch 93:10	21A-26213:17	72:5,10 74:21	277:18,19
1974 163:23	99:12 252:14	21A-49 153:17	77:7,10,14	278:1,8 280:15
164:12	2000 196:24	21L 154:18	78:4 80:14	280:18,19
1976 184:22	197:20	22 4:5,6	81:3,4,21 83:2	282:24 287:2
267:16	2000s 181:12,13	23 5:8	83:3,23 86:6,8	290:13 292:21
1977 164:24	2002 270:20	239 4:14	86:17,23 87:7	292:22 293:1
1986 110:24	2004 69:8,16,23	23rd 1:16	88:14,22 89:1	298:9 301:14
111:8	70:10 102:5	108:14	89:22 90:10	302:6 303:1,4
1994 111:7	2007 70:19	24 317:23	91:2,7 92:15	303:21,24
1995 111:22	102:6 167:24	240 4:15	98:4 99:13	304:7,8 309:21
112:3	168:4	24th 317:11	105:10 120:10	309:24 310:23
1998 30:14	2008 71:22 72:1	25 82:1 87:12	122:24 124:23	311:1,5,7,12
44:21 45:2,8	72:6 74:1	230:12 243:10	125:1,3,9,17	312:1,20 313:8
46:7 56:3,4,11	214:16	26 42:5	126:6,7 127:18	315:9,14,23
59:17,20	2009 69:24	260 240:21	132:4,20 135:2	316:8,12,17
1999 54:5,6,7,9	2010 181:14	262,540 192:2	136:7 139:12	3-S 301:5
54:11 167:15	2011/2012 56:3	2649 157:3	140:5 142:6	3.1 83:7
277:22	2012 40:18 70:3	26th 196:6	152:15 153:1	3.2 184:12
	75:8 77:14,16	27 119:19	158:22 161:10	305:18
2	77:23 181:16	27th 196:24	161:18 162:3	3.3 81:6 306:23
2 39:13 54:2	309:6,17	28 4:6	164:24 167:11	3.4 233:3
74:3 91:21	2013 5:10 78:2,6	29 4:7	167:15 170:6	3:08 240:5
172:4 185:10	79:11	296 239:5	172:1,14 174:2	30 40:18 43:22
185:18,19	2014 33:4 42:5	2D 221:10	176:17 183:10	300 235:2
187:10 188:17	91:20		184:20 185:1	30s 165:8
188:18 215:5	2015 80:5 84:6	3	186:19 187:19	31 91:20 234:19
	•	•	•	•

280:12 5-S 301:8 18:21 20:2,6 285:19 298:1,9 182:17 320,000 84:19 50 46:10,17 31:5,8,14,16 303:6,8 306:13 68 83:9 320,288.66 50 46:10,17 31:16,18 34:23 306:14,15 68 83:9 35 162:19 163:2 140:8 35:3,13 36:24 312:20 313:8 80:1 3D 221:5,7 50-5 140:7 37:1,2,7,9,10 31:68,8,12 6-11 176:12 6-11 176:12 4 52 132:7 135:17 40:16 42:12 6-18 227:17 750:1,1 118:3 71:124 172:24 141:17 156:21 72:10 74:21 6-22 233:4 7-11 268:4 198:16 204:1 53-3 31:21 77:7,10,19,20 6-8 301:8 7-68 118:21 205:19 229:18 53B 157:10 80:14 81:8,22 6-8 301:8 70,000 86:11,3 229:20 231:20 231:2 48:156:21,22 86:18,23 87:8 60 192:22 70 316:12 54-8-1 142:7 91:1 96:13 60601 2:3 72 166:8 316:12 56 8:22 9:1 105:1,6,12 60601 2:3 73 41:18 4-S 301:8 57 52:22 53:15 <th></th> <th></th> <th></th> <th></th> <th></th>					
31-4238:21 312-21,11,18 313-21,12,124 313-21,12,124 316-115 531-21,12,124 315-10,23 316-12 5-8 301-8 5-9 301-8 32-10,000 84:19 320,000 84:19 50,000 275:12 55,000 275:12 55,000 275:12 50,000	239:7	213:14.14	595,000 230:3	227:2 231:9.10	280:12
312 2:4,11,18 316 2:15,21,24 313:2,15,21,24 313:2,15,21,24 313:2,15,21,24 313:2,15,21,24 313:2,15,21,24 313:2,123 316:12 316:12 316:12 316:12 316:12 316:12 320,000 84:19 5.000 275:12 5.000 275:12 320,000 84:19 5.000 275:12 320,223 27:15,18 302:7 303:1,4 303:6,8 306:13 320,288.66 50.46:10,17 31:16,18 34:23 306:14,15 302:15,7 36 259:5 50.46:10,17 31:16,18 34:23 306:14,15 302:15,7 36 259:5 50.34:20,21 61:16 52 132:7 135:17 75 35 31:11 141:8,9 17:124 172:24 164:1 205:19 229:18 229:20 231:20 53K 163:24 33:6,23 36:1 315:9,14,24 40:14 220:22 33:4 220:23 33:4 220:23 33:2 313:4,21,24 313:14,21,24 316:12 313:14,21,24 313:13,18 220:22 54R 156:21,22 313:13,13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:13,18 221:21,23 313:23 75,255 222.9 570.263:13,17 58.6 193:21 58.0263:13 58.213:15 58.000079:12 59.2015,15,17 59.262:15,15,17 59.26	1		, , , , , , , , , , , , , , , , , , , ,	j *	
316 4:15 318 2:16.16 315:10.23 315:10.23 316:12 18:10.13.15.18 276:10 277:14 285:19 298:1.9 302:7 303:1,4 305:63.83.19 305:43.13 306:14.15 305:63.13 316:21 316:17 316:18 315:33.13 306:14.15 306:14.15 306:14.21 316:18 316:18 316:19 316:21 316:18 316:19 316	1	·	6	1 '	
318 4:16,16 32 93:18 280:2 316:12 13:10,13,15,18 280:12 280:12 5-8 301:8 18:21 20:2,6 285:19 298:1,9 30:27 303:1,4 303:6,8 306:13 305:68 305:8 35:3,13 36:24 31:10,17,20 31:16,18 34:23 315:9,14,24 31:18,122 182: 312:20 313:8 31:11 141:8,9 37:11,17,20 31:6,18 34:23 31:11,17 156:21 17:24 172:24 14:17 156:21 164:1 77:7,10,19,20 23:12 245:4 229:20 231:20 23:1 245:4 229:20 231:20 23:1 245:4 220:23 23:12 45:4 220:23 23:12 45:4 220:23 23:13:14,21,24 31:14,21,24 31:14,21,24 31:18,23 31:14,21,24 31:18,31,318 31:19,23 55 4:7,8 31:19 31:19,23 55 4:7,8 31:19 31:19,23 55 4:7,8 31:19 31:19,23 55 4:7,8 31:19 31:19,23 55 4:7,8 31:19 31:19,23 55 4:7,8 31:14,21,24 31:19,62 21:12,23 31:14,21,24 31:19,62 21:2,23 31:14,21,24 31:19,62 21:2,23 31:14,21,24 31:19,62 21:2,23 31:14,21,24 31:19,62 21:2,23 31:14,21,24 31:19,62 31:19,6	1 ' ' 1	i ·	6 4:3,4 5:18,20	1 ' '	į.
32 93:18 280:2 280:12	1	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	10:21 17:18,22	1	į.
280:12 230,000 84:19 320,288.66 84:19 50,000 275:12 50,000 275:12 31:5,8,14,16 30:36,8 306:13 63:15 136:17 31:16,18 34:23 30:61,4,15 30:14,15 50:51 40:7 50:8 34:20,21 37:11,17,20 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 315:9,14,24 316:8,8,12 6-11 176:12 6-18 227:17 6-22 233:4 6-25 285:22 6-11 176:12 6-25 285:22 313:2 313:14,21,24 313:13,18 314:22 313:14 55 4:7,8 316:12 56 8:22 9:1 313:13,18 314:22 316:16 40 24:3 65:7 64:13,18 65:2 221:21,23 313:13,18 314:22 316:16 40 24:3 65:7 64:13,18 65:2 221:21,23 313:13,18 314:23 316:16 40 24:3 65:7 64:13,18 65:2 221:21,23 313:14,21,24 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 48 65:13 55 4:3 74:10,12 174:3 192:11 55 52:13;15 58 262:15,15,17 59	1 ' I		18:10,13,15,18	,	181:22 182:13
320,000 84:19 320,288.66 84:19 50.46:10,17 63:15 136:17 31:15,8,14,16 303:6,8 306:13 35:162:19 163:2 37:12,7,9,10 315:9,14,24 37:11,17,20 316:8,8,12 24:19 32:17 135:17 50s 34:20,21 37:11,17,20 316:8,8,12 24:11 24:11 25:18 24 14:17 156:21 77:27 10.19,20 75:18 23:12 23:12 24:4 14:18 25:19,16 25:13 23:12 23:13 23:12 23:13	1		18:21 20:2,6	1	1
320,288.66	320,000 84:19		20:23 27:15,18	1 '	1
84:19 63:15 136:17 31:16,18 34:23 306:14,15 69 2:17 79:14 3D 221:5,7 3G 259:5 50-5 140:7 37:12,7,9,10 31:59,14,24 80:1 4 439:4 170:9,10 51:11 141:8,9 37:12,7,9,10 316:8,8,12 6-11 176:12 75:01,1 118:3 171:24 172:24 174:2 181:24 164:1 70:12,20,23 6-22 23:34 75:01,1 118:3 198:16 204:1 53-3 31:21 77:22 79:10 6-8 301:8 70:000 86:11,7 70:000 86:11,7 205:19 229:18 53B 157:10 80:14 81:8,22 60:19:22 77:01,19,20 6-8 301:8 70:000 86:11,3:1 229:10 231:20 233:20 313:2 54R 156:21,22 88:15,22 89:22 60:19:22 70:39:16 70:39:16 316:12 54R 156:21,22 88:15,22 89:22 90:3,7,21,24 90:3,7,21,24 90:25-509:22 70:11 230:13 71:12 30:13 4-S 301:8 57 52:22 53:15 53:21 64:5,7 98:4 104:16 60601 2:3 72:166:8 73:11:18:3 40 24:3 65:7 46 5:17 48 5:13 221:21,23 124:23 125:16 <t< td=""><td>1 '</td><td>,</td><td>31:5,8,14,16</td><td>·</td><td>1</td></t<>	1 '	,	31:5,8,14,16	·	1
35 162:19 163:2 3D 221:5;7 50-5 140:7 50:5 34:20,21 61:16 62:132:7 135:17 70:12,20,23 6-22 233:4 6-11 176:12 77:10,10,10,10 77:10,10,10 77:10,10,10,10 77:10,10,10 77:10,10,10,10 77:10,10,10 77:10,10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10,10 77:10 77:10,10 77:10 77:10,10,10 77:10 77:10,10 77:10 77:10,10 77:10 77:10,10 77:10 77:10,10 77:10	1 '	,	31:16,18 34:23	*	1
3D 221:5,7 50s 34:20,21 37:11,7,20 315:9,14,24 316:8,8,12 44 439:4 170:9,10 171:24 172:24 174:2 181:24 198:16 204:1 205:19 229:18 538 157:10 538 157:10 232:1 245:4 250:9,16 252:4 312:20 313:2 54R 156:21,22 313:14,21,24 316:12 56 8:22 9:1 313:14,21,24 316:12 56 8:22 9:1 313:13,18 316:12 56 8:22 9:1 45:10 3:11 313:13,18 316:21 313:13,18 316:12 57-53:22:9 314:22 316:16 40 24:3 65:7 42 194:6 207:6 4300 2:10 57-53:5 22:9 57-12 64:3 49:153:12 58-6 193:12	35 162:19 163:2		35:3,13 36:24	i '	li .
3G 259:5			37:1,2,7,9,10		1
4 61:16 52 132:7 135:17 38:1 39:4,21 6-11 176:12 7 4 39:4 170:9,10 53 51:11 141:8,9 70:12,20,23 6-22 233:4 7-11 268:4 171:24 172:24 141:17 156:21 72:10 74:21 6-22 233:4 7-11 268:4 174:2 181:24 198:16 204:1 53-3 31:21 77:7,10,19,20 6-25 285:22 7-11 268:4 198:16 204:1 205:19 229:18 53B 157:10 80:14 81:8,22 6-27 203:6 7-68 118:21 209:20 231:20 232:1 245:4 26:23 836:23 60:19:22 700 39:16 223:12 45:4 164:2 86:18,23 87:8 60:4197:10 156:17 230: 316:12 548-1 142:7 91:1 96:13 600 65:4 602-5079 2:11 71-1230:13 45 103:11 56 8:22 9:1 105:1,6,12 60601 2:3 72 166:8 45 103:11 57 52:22 53:15 106:19 109:22 60601 2:3 74-73:10 45 103:11 57 52:22 53:15 106:19 109:22 63:8 3.5 63 48:8 38:4 76 143:21 45 103:11 57 52:22 53:15 106:19 109:22 63:8 13:4:13	1 '		37:11,17,20		1
4 4 52 132:7 135:17 40:16 42:12 6-18 72:17 7 750:1,118:3 760:1,118:3 760:1,118:		l '	38:1 39:4,21	i ' '	
4 39:4 170:9,10 171:24 172:24 174:2 181:24 198:16 204:1 198:16 204:1 205:19 229:18 229:20 231:20 53B 157:10 80:14 81:8,22 232:1 245:4 164:2 164:2 86:18,23 87:8 229:20 231:20 53K 163:24 164:2 86:18,23 87:8 232:2 45:4 164:2 86:18,23 87:8 232:2 45:4 164:2 548-1 142:7 91:1 96:13 316:12 4-S 301:8 57 52:22 53:15 106:19 109:22 133:13,18 313:13,18 313:13,18 313:13,18 313:13,18 313:13,18 314:22 316:16 40 24:3 65:7 42 194:6 207:6 4300 2:10 45 S157:7 46 5:17 48 65:13 48 -inch 44:15 49 153:12 55 4:3 74:10,12 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 174:3 192:11 176:12 176:18 178:19 179:22 102:1 278:22 279:2,9 180:10 178:31 178:31 179:15 184:4 184:20 185:2 193:1,2,3,7 156:19 187:19 179:10 176:12 176:18 178:15 176:12 176:18 178:15 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:12 176:12 176:18 178:15 176:12 176:12 176:18 178:15 176:12 176:12 176:12 176:12 176:12 176:12 176:18 178:15 176:12	4	1	40:16 42:12	1	7
171:24 172:24 141:17 156:21 72:10 74:21 6-25 285:22 7-11 268:4 7-68 118:21 77:7,10,19,20 6-25 285:22 7-68 118:21 77:7,10,19,20 6-27 203:6 6-8 301:8 70,000 86:11,3	4 39:4 170:9,10		70:12,20,23		7 50:1,1 118:3,9
174:2 181:24 198:16 204:1 53-3 31:21 77:7,10,19,20 6-27 203:6 6-8 301:8 70,000 86:11,3	171:24 172:24	· '	72:10 74:21	1	7-11 268:4
198:16 204:1 205:19 229:18 233 31:21 53B 157:10 80:14 81:8,22 196:19 196:19 232:1 245:4 164:2 86:18,23 87:8 60-4 197:10 60-4 197:10 60-6 5:4 156:17 230: 231:22 313:2 313:14,21,24 315:9,23 316:12 56 8:22 9:1 105:1,6,12 600 2:18 600 2:	174:2 181:24	· ·	77:7,10,19,20		7-68 118:21
205:19 229:18 229:20 231:20 53K 163:24 164:2 83:6,23 86:1 196:19 156:17 230:	198:16 204:1		77:22 79:10	· ·	70,000 86:11,12
229:20 231:20 53K 163:24 83:6,23 86:1 196:19 71 81:11 83:1, 156:17 230: 156:17 230: 231:1 83:1, 42:20: 231:4 25:40:40:22: 5420 92:5 88:15,22 89:22 600 65:4 231:4 232:11: 156:17 230: 231:4 232:11: 71-1 230:13 72 166:8 73 41:18 74 73:10 74-8 74:11	205:19 229:18		80:14 81:8,22		700 39:16
232:1 245:4 250:9,16 252:4 250:9,16 252:4 312:20 313:2 54R 156:21,22 90:3,7,21,24 602-5079 2:11 71-1 230:13 72 166:8 73 41:18 74 73:10 74-8 74:11 74-8 74:11 75 74:3 76:12 75 79:3 79:15 184:4 79:15 184:2 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:15 184:4 79:25 19:15 79:25 19:25 79:25 19:15 79:25 19:25 79:25 19:15 79:25 19:25 79:25 19:15 79:25 19:25 70:25 19:25 70:	229:20 231:20		83:6,23 86:1		71 81:11 83:1,5
250:9,16 252:4 312:20 313:2 54R 156:21,22 90:3,7,21,24 90:3,7,21,24 315:9,23 316:12 554:7,8 98:4 104:16 60601 2:3 72 166:8 73 41:18 74 73:10 74-8 74:11 75 143:21 75 143:21 76 143:21 76 143:21 76 143:21 76 143:21 76 143:21 76 143:21 77 123:13 78 143:21 77 123:13 78 143:21 78 1	232:1 245:4		1	,	156:17 230:11
312:20 313:2 54R 156:21,22 90:3,7,21,24 602-5079 2:11 71-1 230:13 315:9,23 554:7,8 98:4 104:16 60601 2:3 72 166:8 316:12 56 8:22 9:1 105:1,6,12 60602 2:18 74-8 74:11 4-S 301:8 57 52:22 53:15 106:19 109:22 60s 52:21 74-8 74:11 4.07 81:9 53:21 64:5,7 119:17 124:16 61 8:3,5 75 143:21 313:13,18 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 263:7,13,16,22 143:5 152:15 630,000 230:3 766 92:7,9,9,1 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64:9 787,000 232:7 45 517 570 263:13,17 167:21,23 172:9,11,14 73:15 177:3 309:6,8,13 48 65:13 5711 65:21 172:9,11,14 65-4 177:4 65-4 177:4 79:11 91:13 48 -inch 44:15 58 192:19,24 174:3 176:12 65-8 174:24 69:11,15 92:7 8-WB 194:6 54:3 74:10,12 58 263:13 184:20 185:2 92:10 93:17<	250:9,16 252:4		88:15,22 89:22	1	231:4 232:19
313:14,21,24 315:9,23 548-1 142:7 91:1 96:13 60601 2:3 72 166:8 316:12 56 8:22 9:1 105:1,6,12 60602 2:18 74 73:10 4-S 301:8 57 52:22 53:15 106:19 109:22 60602 2:18 74 73:10 4.07 81:9 53:21 64:5,7 119:17 124:16 60s 52:21 74-8 74:11 4/5 103:11 64:13,18 65:2 124:23 125:1,6 63 4:8 38:4 76 143:21 313:13,18 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 262:8,18,18 143:5 152:15 630,000 230:3 787,000 230:3 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 787,000 230:3 45 157:7 570 263:13,17 167:21,23 172:9,11,14 173:15 177:3 787,000 232:7 48 65:13 5711 65:21 176:18 178:15 65-6 179:16 65-6 179:16 79:11 91:13 48 13 74:10,12 58 193:21 176:18 178:15 65-6 179:16 65-8 174:24 65-11,15 92:7 80 78:7 79:3 54:3 74:10,12 58 2	312:20 313:2		· ·	{	71-1 230:13
315:9,23 55 4:7,8 98:4 104:16 60601-3315 2:10 73 41:18 4-S 301:8 56 8:22 9:1 105:1,6,12 60602 2:18 74 73:10 4-S 301:8 57 52:22 53:15 106:19 109:22 608 52:21 74-8 74:11 4.07 81:9 53:21 64:5,7 119:17 124:16 61 8:3,5 75 143:21 4/5 103:11 64:13,18 65:2 124:23 125:1,6 207:5 312:15 63 4:8 38:4 76 143:21 313:13,18 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 263:7,13,16,22 143:5 152:15 63-000 230:3 279:9,12 42 194:6 207:6 57-11 264:3 165:12 167:11 167:21,23 165:12 167:11 173:15 177:3 309:6,8,13 45 157:7 570 263:13,17 168:3 170:7 309:6,8,13 79:11 91:13 48 65:13 58 192:19,24 174:3 176:12 65-6 179:16 65-8 174:24 79:11 91:13 49 153:12 58-6 193:21 179:15 184:4 669:11,15 92:7	313:14,21,24	•		ł	72 166:8
316:12	315:9,23		98:4 104:16		73 41:18
4-S 301:8 57 52:22 53:15 106:19 109:22 60s 52:21 74-8 74:11 4.07 81:9 53:21 64:5,7 119:17 124:16 61 8:3,5 75 143:21 4/5 103:11 64:13,18 65:2 124:23 125:1,6 63 4:8 38:4 76 143:21 313:13,18 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 263:7,13,16,22 143:5 152:15 63,000 230:3 279:9,12 42 194:6 207:6 57-11 264:3 165:12 167:11 65 40:4 173:11 93:7 104:4 45S 157:7 570 263:13,17 167:21,23 173:15 177:3 309:6,8,13 48 65:13 5711 65:21 172:9,11,14 65-4 177:4 65-4 177:4 48 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 65-8 174:24 49 153:12 58-6 193:21 176:18 178:19 65-8 174:24 8-WB 194:7 54:3 74:10,12 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 174:3 192:11 59 262:15,15,17 </td <td>316:12</td> <td>, ,</td> <td>105:1,6,12</td> <td>1</td> <td>74 73:10</td>	316:12	, ,	105:1,6,12	1	74 73:10
4.07 81:9 53:21 64:5,7 119:17 124:16 61 8:3,5 75 143:21 4/5 103:11 64:13,18 65:2 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 207:5 312:15 766 92:7,9,9,1 40 24:3 65:7 263:7,13,16,22 143:5 152:15 63.48 38:4 207:5 312:15 42 194:6 207:6 263:7,13,16,22 143:5 152:15 63.0,000 230:3 766 92:7,9,9,1 45S 157:7 57-12 64:3 165:12 167:11 65 40:4 173:11 279:9,12 45S 157:7 570 263:13,17 168:3 170:7 309:6,8,13 8 48 65:13 5711 65:21 172:9,11,14 65-6 179:16 79:11 91:13 48 65:13 193:1,2,3,7 176:18 178:15 65-6 179:16 65-8 174:24 66-91:11,15 92:7 80 78:7 79:3 54:3 74:10,12 174:3 192:11 186:19 187:19 92:10 93:17 80,000 79:12 174:3 192:11 59 262:15,15,17 190:10,23 278:22 279:2,9 80,000 79:12	4-S 301:8		106:19 109:22		74-8 74:11
4/5 103:11 64:13,18 65:2 124:23 125:1,6 63 4:8 38:4 76 143:21 313:13,18 262:8,18,18 125:14 126:7 207:5 312:15 766 92:7,9,9,1 40 24:3 65:7 263:7,13,16,22 143:5 152:15 63-18 314:13 93:7 104:4 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 64 4:9 45S 157:7 570 263:13,17 167:21,23 65 40:4 173:11 787,000 232:7 48 65:13 571 65:21 172:9,11,14 173:15 177:3 309:6,8,13 48-inch 44:15 58 192:19,24 174:3 176:12 65-4 177:4 65-6 179:16 79:11 91:13 49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 66 91:11,15 92:7 80 78:7 79:3 58 192:19,24 174:3 198:19 184:20 185:2 92:10 93:17 80,000 79:12 174:3 192:11 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 59 262:15,15,17 190:10,23 278:22 279:2,9 8127.213:2	4.07 81:9		119:17 124:16		75 143:21
313:13,18 221:21,23 125:14 126:7 207:5 312:15 766 92:7,9,9,1 314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 263:7,13,16,22 143:5 152:15 630,000 230:3 279:9,12 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 787,000 232:7 45S 157:7 570 263:13,17 167:21,23 173:15 177:3 309:6,8,13 46 5:17 571,000 77:16 168:3 170:7 309:6,8,13 79:11 91:13 48 65:13 5711 65:21 174:3 176:12 65-6 179:16 79:11 91:13 49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 8-WB 194:7 58 6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 58 213:15 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 59 262:15,15,17 190:10,23 278:22 279:2,9 241:19	4/5 103:11	· · ·	124:23 125:1,6	<i>'</i>	76 143:21
314:22 316:16 262:8,18,18 131:14 140:21 63-18 314:13 93:7 104:4 40 24:3 65:7 263:7,13,16,22 143:5 152:15 630,000 230:3 279:9,12 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 65 40:4 173:11 787,000 232:7 45S 157:7 570 263:13,17 167:21,23 173:15 177:3 309:6,8,13 874:1 78:2,6 48 65:17 5711 65:21 172:9,11,14 65-4 177:4 65-4 177:4 79:11 91:13 48-inch 44:15 193:1,2,3,7 176:18 178:15 65-8 174:24 79:11 91:13 49 153:12 193:1,2,3,7 179:15 184:4 66-91:11,15 92:7 8-WB 194:7 58-6 193:21 186:19 187:19 97:22 102:1 80,000 79:12 174:3 192:11 59 262:15,15,17 190:10,23 278:22 279:2,9	313:13,18	, ,	•		766 92:7,9,9,10
40 24:3 65:7 263:7,13,16,22 143:5 152:15 630,000 230:3 279:9,12 42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 787,000 232:7 45S 157:7 570 263:13,17 167:21,23 173:15 177:3 309:6,8,13 46 5:17 571,000 77:16 168:3 170:7 309:6,8,13 79:11 91:13 48-inch 44:15 58 192:19,24 174:3 176:12 65-6 179:16 79:11 91:13 49 153:12 193:1,2,3,7 176:18 178:15 65-6 179:16 79:11 91:13 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 54:3 74:10,12 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 174:3 192:11 59 262:15,15,17 190:10,23 278:22 279:2,9 8127 212:2		· ·	1		
42 194:6 207:6 57-11 264:3 165:2,4,5,6,10 64 4:9 787,000 232:7 4300 2:10 57-535 222:9 165:12 167:11 65 40:4 173:11 173:15 177:3 8 46 5:17 571,000 77:16 168:3 170:7 309:6,8,13 79:11 91:13 79:11 91:13 48 65:13 5711 65:21 172:9,11,14 65-6 179:16 79:11 91:13 76:12 49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 65-8 174:24 66 91:11,15 92:7 8-WB 194:7 54:3 74:10,12 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 174:3 192:11 59 262:15,15,17 190:10,23 278:22 279:2,9 8137 212:3	i .	<i>' '</i>	ŀ		
4300 2:10	1	1 1 1		1 '	
45S 157:7 570 263:13,17 167:21,23 173:15 177:3 8 46 5:17 571,000 77:16 168:3 170:7 309:6,8,13 79:11 91:13 48 65:13 5711 65:21 172:9,11,14 65-4 177:4 79:11 91:13 49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 8-HB 194:6 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 59 262:15,15,17 190:10,23 278:22 279:2,9 241:19	1				***************************************
46 5:17 571,000 77:16 168:3 170:7 309:6,8,13 8 74:1 78:2,6 48 65:13 5711 65:21 172:9,11,14 65-4 177:4 79:11 91:13 48-inch 44:15 193:1,2,3,7 176:18 178:15 65-6 179:16 79:11 91:13 58-6 193:21 179:15 184:4 66 91:11,15 92:7 8 74:1 78:2,6 58-6 193:21 179:15 184:4 65-8 174:24 66 91:11,15 92:7 8-WB 194:7 174:3 192:11 174:3 192:11 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 278:22 279:2,9 241:19	1		3		
48 65:13 48-inch 44:15 5711 65:21 172:9,11,14 65-4 177:4 79:11 91:13 49 153:12 193:1,2,3,7 176:18 178:15 65-6 179:16 65-8 174:24 8-HB 194:6 5 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 278:22 279:2,9 241:19	1 I	,	· '		8 74:1 78:2,6
48-inch 44:15 58 192:19,24 174:3 176:12 65-6 179:16 176:12 49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 8-HB 194:6 55 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 54:3 74:10,12 174:3 192:11 186:19 187:19 97:22 102:1 80,000 79:12 176:12 278:22 279:2,9 241:19	1	· ·	i	′ ′	3
49 153:12 193:1,2,3,7 176:18 178:15 65-8 174:24 8-HB 194:6 5 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 54:3 74:10,12 174:3 192:11 186:19 187:19 97:22 102:1 80,000 79:12 190:10,23 278:22 279:2,9 241:19	1		i ' '		176:12
5 58-6 193:21 179:15 184:4 66 91:11,15 92:7 80 78:7 79:3 54:3 74:10,12 174:3 192:11 186:19 187:19 97:22 102:1 80,000 79:12 190:10,23 278:22 279:2,9 241:19	1	′	į		8-HB 194:6
5 580 263:13 184:20 185:2 92:10 93:17 80 78:7 79:3 54:3 74:10,12 174:3 192:11 185:213:15 186:19 187:19 97:22 102:1 80,000 79:12 205:15 213:4 59 262:15,15,17 190:10,23 278:22 279:2,9 241:19		' ' '	1		8-VB 194:7
54:3 74:10,12 585 213:15 186:19 187:19 97:22 102:1 80,000 79:12 174:3 192:11 59 262:15,15,17 190:10,23 278:22 279:2,9 241:19 80,000 79:12 241:19	5		ł	'	80 78:7 79:3
174:3 192:11	5 4:3 74:10,12				80,000 79:12
205,15,212,4	174:3 192:11		1		241:19
313.2	205:15 213:4		· '	1 '	8137 212:3
		J1J.L		217.13 200.1	
	<u> </u>		I	l	I

		Page 368
8138 212:4		
814-3153 2:18		
814-6983 2:4		
84 216:4,6,12,24		
296:15,18,19		
297:10		
88 4:9		
89 4:10		

9		
9 91:13		
9-031 1:14		
9-34 317:13		
9:00 1:16 5:9		
317:14,22		
		•
90 79:4		
900 183:19		
901 49:6		
93 309:13		
97 4:10,11		
99 167:24		
9A 315:1		
9th 11:2 12:9		
		I

L.A. Court Reporters, L.L.C. 312-419-9292