

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

COLES COUNTY

PLANNING & DEVELOPMENT COMMITTEE

ITEMS FOR DISCUSSION AND POSSIBLE ACTION:

COLES WIND, LLC

TRANSCRIPT OF PROCEEDINGS

April 23, 2025

6:00 p.m.

PLANNING AND DEVELOPMENT COMMITTEE PRESENT:

Mike Watts, Chairman
Darrell Cox

Also Present:

Kelly Lockhart, Regional Planning
Samantha McCullough, Regional Planning

Court Reporter:
Jamie S. Atkinson
License No. 084-004156
Atkinson Reporting, LLC
(217) 806-6297
jamieatkinson5@gmail.com

Jamie S. Atkinson, CSR
Court Reporter
Vermilion County

1
2 APPEARANCES:

3
4 FOR THE APPLICANT:

5 Ms. Amy Antonioli
6 ArentFox Schiff LLP
7 233 S. Wacker Drive, Suite 7100
8 Chicago, IL 60606
9 amy.antonioli@afslaw.com

10 Ms. Sarah L. Lode
11 ArentFox Schiff LLP
12 233 S. Wacker Drive, Suite 7100
13 Chicago, IL 60606
14 sara.lode@afslaw.com

15 Mr. Jerald Hess
16 Associate General Counsel for Apex
17 Apex Plaza
18 120 Garrett Street
19 Charlottesville, VA, IL 22902
20 jerald.hess@apexcleanenergycom

21 FOR COLES COUNTY:

22 Mr. Andrew Keyt
23 Ms. Alex Rives
24 Mr. Frank Ierulli
Heyl, Royster, Voelker & Alan P.C.
300 Hamilton Blvd.
Peoria, IL 61601
akeyt@heyloyroyster.com

HEARING FACILITATOR:

Scott Kains, Springfield, IL

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

I N D E X

ADAM CARLSON

EXAMINATION CONDUCTED BY:	PAGE
By: Mr. Keyt	125
By: Ms. Shapiro	129

1 (In public session.)

2 MR. WATTS: Good evening. We're going
3 to reconvene this meeting of Coles County Planning &
4 Development Committee to take up the license hearing
5 for the WECS project presented by Apex Clean Energy.

6 And if you would, please, rise and join me in
7 the pledge of allegiance.

8 (Whereupon, the pledge of allegiance was held.)

9 MR. WATTS: Thank you. Be seated. I'll
10 conduct roll call. Mike Clayton.

11 (No response.)

12 MR. WATTS: Darrell Cox.

13 MR. COX: Here.

14 MR. WATTS: Jeremy Doughty.

15 (No response.)

16 MR. WATTS: Michael Watts, Chairman,
17 presiding. And at this point, I'll turn the hearing
18 back over to our erstwhile facilitator.

19 MR. KAINS: Thank you, Mr. Chairman.
20 Erstwhile, that's a better adjective than I usually
21 get called. So I appreciate that, Mr. Chairman.

22 All right. The ninth night of this public
23 hearing. When I was first called upon to facilitate
24 this public hearing I met with a couple of County

1 Board Members, and I said, this is going to take
2 several nights, and they said why. I said, well,
3 because there's a lot to it. I said it might take
4 seven or eight nights. Well, we've exceeded that.
5 But we're getting close. It's my understanding that
6 the Applicant, Coles Wind LLC is anticipating
7 finishing its witnesses either tonight or early
8 tomorrow evening.

9 I've had a question about testimony versus
10 public comment. Just to be clear, testimony is
11 statements from the witness stand under oath and the
12 testimony has to be relevant to this project, this
13 hearing. You can talk about your feelings but it's
14 got to be relevant to the hearing. We're not going to
15 bring in things that have happened in other states,
16 other countries. It has to be relevant to what's
17 going here.

18 Now, you will also be -- if you choose to
19 testify, you will be subject to questions from the
20 Committee, other County Board Members, counsel for the
21 Applicant, counsel for Coles County. I won't let it
22 get too rough, but sometimes there will be questions
23 that you may not be comfortable with, and it's up to
24 me whether you have to answer them or not.

1 I've had some folks say that it was a very
2 good experience getting to testify about your thoughts
3 and concerns about the project. I've had other people
4 say I'll never do that again. Well, in speech class
5 freshman year I said I will never do that again.
6 Uh-huh. If you don't want to testify you don't have
7 to. You can give public comment.

8 Mr. Keyt, correct me if I'm wrong, the rules
9 say public comment in this county is five minutes; is
10 that right?

11 MR. KEYT: I would defer to the county,
12 but I believe it's five minutes, correct?

13 MR. WATTS: Let me check my notes.

14 MR. KAINS: Because some counties do
15 three minutes, some counties do five minutes.

16 MR. LOCKHART: It's five minutes.

17 MR. KAINS: It's five minutes.

18 Mr. Lockhart says five minutes for public comment. If
19 you're to give five minutes of public comment, it's
20 not subject to cross-examination. There are no
21 questions asked of you. The difference, though, is
22 testimony can be considered by the Committee and then
23 the full County Board as part of the record. Now,
24 public comment will be part of the record but it is

1 comment. It's not subject to cross-examination and it
2 will be just viewed simply as public comment, not
3 evidence or full testimony. So that's the distinction
4 between testifying and giving public comment. And if
5 you choose to not do either of those you may submit
6 written comments to Mr. Lockhart, the Executive
7 Director of the Coles Regional Planning Commission.

8 So if there are questions about that, I hope
9 I've answered them, if not, find me at the break or
10 afterwards tonight and so you can ask me whatever you
11 need to ask about it. But the distinction is,
12 testimony that you're subject to questions, but it
13 becomes evidence that the Board can consider, and
14 public comment is simply that, it's just public
15 comment and not to be considered by the Board in its
16 determination on these issues. And written comment is
17 also just written comment. Depending on the number we
18 get I may or may not read them all into the record. I
19 read 60 some odd emails and letters in Piatt County.
20 It took about an hour and a couple of cough drops
21 later I was okay.

22 But, in any event, we are ready to resume
23 cross-examination of Mr. Carlson. But before we do
24 that, Ms. Antonioli, I asked if you could contact the

1 Attorney General and the Illinois EPA about pending
2 litigation they have against someone related to the
3 chicken manure case that was referenced last night.
4 What have -- have you found out anything, first of
5 all.

6 MS. ANTONIOLLI: Yes. I have spoken
7 with the Chief of the Environmental Bureau at the
8 Illinois Attorney General's Office and I also spoke
9 with the Chief Legal Counsel for Illinois
10 Environmental Protection Agency and both confirmed
11 that they do not have any active cases pending in
12 Coles County on this issue.

13 MR. KAINS: All right. All right. Very
14 good. Thank you.

15 MS. ANTONIOLLI: Okay.

16 MR. KAINS: And then, Mr. Hess, you also
17 have something?

18 MR. HESS: Yes, sir. Mr. Kains, there
19 were several questions last night and the past night
20 about when Coles Wind will select which turbine model
21 of the two, and then in particular why that selection
22 hasn't been made yet. Happy to proffer an explanation
23 for each of those.

24 MR. KAINS: Yes. And if you could

1 either draw the microphone closer or speak -- there
2 you go. That might help.

3 MR. HESS: Yes, sir. How's that? Is
4 that better?

5 MR. KAINS: That's much better. Thank
6 you.

7 MR. HESS: Thank you, Mr. Kains. So as
8 far as when the selection of the turbine model will be
9 made between the two, the GE and the Vestas, it will
10 be made within the next segment of this process.
11 We're following through the Coles County Wind
12 Ordinance. In other words, if we're fortunate enough
13 to get a permit, we will then finalize our site
14 design, finalize all of our studies and submit a
15 building permit application, and it is with that
16 submission that we must indicate which of the two
17 turbine models it will be. We hope to do that this
18 fall. We've got to finalize those studies. So the
19 timing is a little bit in flux. It's not quite there
20 yet. But that's the when.

21 As far as why that decision hasn't been made
22 yet, there's really three reasons. The third or the
23 smaller reason is what Mr. Carlson said last night,
24 those final engineering designs could theoretically

1 impact one turbine or the other, so that's right.

2 The second reason is we like to have a
3 backup. The Vestas manufacturing plant is in
4 Colorado. If there's a fire at that plant we would
5 like as long as possible to have a backup plan in
6 place.

7 The first reason, the primary reason is
8 feasibly we want to have sort of business
9 negotiations. This is the most expensive piece of
10 equipment we will purchase for this project. This is
11 a \$200 million plus agreement. We are actively
12 negotiating with both GE and Vestas trying to get the
13 best deal we can from them both on price but also on
14 schedule. Schedule is really important to line up all
15 the workers and line up everything else. We don't
16 have any negotiating leverage in those conversations
17 if we declare publically at the outset if we're going
18 with GE or we're going with Vestas. If would analyze
19 that to, if you announce you're going to go to a
20 particular car dealership to buy a particular car,
21 they're not going to give you a good deal. If you go
22 talk to them and say well, I'm going to go talk to
23 your competitor, you might get a better deal. Those
24 negotiations are very much underway right now between

1 Apex and GE and Vestas. And so that's why.

2 MR. KAINS: Okay. Very good. Thank
3 you, Mr. Hess. Anything further from counsel for the
4 Applicant?

5 MR. HESS: No, sir.

6 MR. KAINS: All right. Counsel for
7 Coles County?

8 MR. KEYT: No, sir.

9 MR. KAINS: All right. Very good. All
10 right, Mr. Carlson.

11 THE WITNESS: Yes, sir.

12 MR. KAINS: Good evening. Go ahead and
13 have a seat. Do you recall being sworn in to testify
14 truthfully under oath last night?

15 THE WITNESS: Yes, sir.

16 MR. KAINS: And do you understand that
17 you remain under oath and that you are to continue
18 with your truthful testimony in this hearing again
19 tonight?

20 THE WITNESS: Yes, sir.

21 MR. KAINS: Okay. Very good. Thank
22 you. All right. We were -- we had received questions
23 from County Board, from members of the public and we
24 continue with members of the public.

1 First, Coles and Douglas County residents,
2 questions at this time for Mr. Carlson.

3 Ms. Kelly, is it? Ms. Clark. Kelly Clark.
4 Go right ahead with your questions for Mr. Carlson
5 about his testimony, please.

6 MS. CLARK: Okay. You said last night
7 that you lived by that wind farm, right?

8 THE WITNESS: Yes, I do.

9 MS. CLARK: How would -- how far would
10 you say that the closest one across the street was
11 from you?

12 THE WITNESS: Less than a quarter mile,
13 probably about a quarter, yes. My -- yes.

14 MS. CLARK: If you were going to compare
15 sound, say, because you said you could hear it, would
16 you compare it -- I mean, what would you compare it
17 to? Would you compare it to a lawn mower? To a --
18 what would you compare it to?

19 THE WITNESS: Not a -- not a lawn mower.
20 It was more -- more soft than that. I mean, it's a
21 generator sound, humming sound, yes. That was not --
22 not loud but you could hear it, yes.

23 MS. CLARK: Okay. Which -- so, I mean,
24 for you you said it didn't bother you. For some

1 people, I mean, granted, would it be annoying for some
2 people. Because some people don't -- like, okay, I'll
3 give an example. Like at my house noise doesn't
4 bother me that much. My dogs barking, I just ignore
5 them. In one ear out the other. My husband can't
6 stand the dogs barking. He's yelling at them and
7 having a fit because they're barking. So that humming
8 noise, even though you said it would be like a
9 generator, to some could be annoying, wouldn't it?

10 THE WITNESS: It could be. There's a
11 distinction here between a model that's 15 years old
12 versus one that's brand new with sound silencing on
13 it.

14 MS. CLARK: Okay. So you're saying
15 these -- these ones -- these newer ones are suppose to
16 be quieter?

17 THE WITNESS: They are, yes. They're
18 designed that way. Over the years, you know, there's
19 been improvements to technology and vast improvements
20 at that, and the sound expert talked about the
21 feathering of the blades, that there's a -- looks like
22 a saw tooth at the end of the blades that silences the
23 blade sound. So, again, like I said last time, I
24 think it would be prudent to go to a -- like

1 Prosperity Wind, for example, or another project
2 that's new and you drive and listen out near the road
3 and find one that's closest to a public road and you
4 can go listen and I think you really would be
5 surprised.

6 MS. CLARK: Do they have like the
7 feathered --

8 THE WITNESS: They do, yes. Yes. I
9 would -- I would be -- I think all turbines here on
10 out will have that no matter who's the developer or
11 manufacturer, yes.

12 MS. CLARK: Okay. You also when you
13 were talking about the -- the bases for the turbines.

14 THE WITNESS: Yes.

15 MS. CLARK: You said it would take like
16 950, 60 feet concrete, right?

17 THE WITNESS: Yes, 900 to 1,000 yards of
18 concrete, yes.

19 MS. CLARK: But if they had to take them
20 down for whatever reason --

21 THE WITNESS: Uh-huh.

22 MS. CLARK: -- they only go 5 foot and
23 above, right?

24 THE WITNESS: That's correct, yes.

1 MS. CLARK: So that concrete and the
2 wires left down there, I mean, and I'm just curious,
3 because I don't know, but, I mean, like the fields by
4 us when we plow it because we plant some seed corn
5 there's always rocks coming up because rock and stuff
6 like that just eventually works up in the soil. So
7 that's not going to be a problem with the wires and
8 the concrete?

9 THE WITNESS: No, I wouldn't consider
10 that being an issue, just because they're five feet or
11 deeper. I see what you're talking about where there's
12 individual rocks that can come up, but the spread
13 footing foundation with the concrete still intact, the
14 rebar still intact.

15 MS. CLARK: Even the wires?

16 THE WITNESS: And same with the
17 collection system, yes. Yes.

18 MS. CLARK: Okay.

19 THE WITNESS: I just -- I cannot see
20 that being an issue in the future. I know it's a long
21 ways off, right, but.

22 MS. CLARK: Right. And then if it does
23 go through, when we're talking about the water, I
24 think you said that you guys -- you're going to

1 drill -- like you drill your own well, or are you --

2 THE WITNESS: That's typically what we
3 do, but I already foresee that that could be difficult
4 here. So I'm already thinking of other options.
5 Working with local municipalities or businesses to
6 purchase water.

7 MS. CLARK: Okay. That's a lot of
8 water?

9 THE WITNESS: Because otherwise, like
10 the -- what could happen, we drill a well or we try to
11 and then try here and here and here and maybe we get a
12 little bit of water, but then you start -- you could
13 draw down water in nearby wells and that could be a
14 concern that we don't want to present to the community
15 from the onset.

16 MS. CLARK: Yeah. Okay. Yeah, that's a
17 lot of water.

18 THE WITNESS: Yes, yes, ma'am.

19 MS. CLARK: Okay. I think that's it. I
20 feel like I have more, but I worked today and I forgot
21 my phone.

22 MR. KAINS: All right. Thank you,
23 Ms. Clark.

24 All right. Other questions from members of

1 Coles or Douglas Counties.

2 Mr. Shaw. Oh, you were getting up to let
3 Ms. Clark out.

4 MR. SHAW: That will work. I'll go now.

5 MR. KAINS: Yes, that's all right. And
6 then this young lady in the back row.

7 MR. SHAW: Clint Shaw, Coles County. So
8 it takes approximately, what, 33 gallons per yard of
9 concrete to mix something like that, I think is what
10 I'm kind of aware of, and now you take that times 900
11 to 1,000 per hole and then you times that times 51.
12 Man, that's a lot of water. Where do you foresee some
13 amount of water like that coming from?

14 THE WITNESS: Yes, I've been -- been
15 thinking through this. With the extracting water
16 for -- you could use a local business, I would like to
17 keep that within Coles County because there are water
18 resources in other places, you'd have to truck in
19 water, but the project like this, I'd love to keep
20 that within Coles County. So first thing comes to
21 mind would be coming to -- down to Charleston to get
22 water.

23 MR. SHAW: Do they have that supply of
24 water?

1 THE WITNESS: That I don't know
2 definitively yet. I mean, this is early -- early
3 stages here, but we have plenty of time to determine
4 that.

5 MR. SHAW: Gotcha.

6 THE WITNESS: Who would be best to, you
7 know, meet our capacity for this project.

8 MR. SHAW: Okay. So when you guys start
9 this project, are you going to go to local contractors
10 and stuff like that there are here in this town, or
11 are you going to be looking all over the state of
12 Illinois and other states to bring them in and do this
13 project? I mean, obviously there's probably not a --
14 very many people in Coles County that have built a 600
15 and some foot turbine.

16 THE WITNESS: Yes. Good -- great
17 question. The -- so the way it works with
18 contracting, we'll hire the general contractors
19 probably as expected, but we're bound to be working
20 with them through the unions in the state of Illinois
21 which would be coming out of Central Illinois, and a
22 lot of that work is highly specialized. Like, there's
23 people that have had to work in the industry for many
24 years to get to the point where they know how to wire

1 up a turbine on the inside and climb towers and
2 install the turbine components high in the air. Like,
3 lots of specialized work. So that's why we go --
4 that's why we go to unions for that type of work.
5 There are ancillary jobs that take place that would be
6 more local work, like concrete, water -- getting
7 water, or the road work and concrete. So, yes, there
8 will be plenty of -- plenty of people that are local
9 that will contributing to the project.

10 MR. SHAW: Okay. So I run a small
11 construction business. Let's say I'm going to pour a
12 pad for somebody, a small pad, a patio outside the
13 back of their home. You're taking 10 truckloads of
14 concrete which is roughly 1,000 yards or there's --

15 THE WITNESS: 100.

16 MR. SHAW: There's 100 yards per 10
17 trucks, right? And you said 900 to 1,000 of concrete
18 for that?

19 THE WITNESS: It would be -- it would
20 be, yes, up to -- up to 1,000 yards -- 900 to 1,000
21 yards of concrete. So about 100 trucks.

22 MR. SHAW: Okay. So how is somebody
23 like me going to -- that -- for to get 6 yards of
24 concrete when you guys take precedents over somebody?

1 THE WITNESS: Well, we -- we have our
2 own batch plant on site to make the concrete. I don't
3 think there would be a -- can you ask your question
4 again.

5 MR. SHAW: Yes, I'll ask it. So if
6 I'm -- if you guys are sourcing the concrete locally
7 from other companies, how am I going to call in and
8 get a small amount of concrete when you guys are
9 seemingly taking all of the resources and manpower to
10 do your wind project type of thing? Is that something
11 that you had planned on or?

12 THE WITNESS: Well, we haven't planned
13 on that, and actually I haven't heard that being an
14 issue. We -- we have often used CCI Redi-Mix for
15 concrete, and they're kind of all over Central
16 Illinois, right. I've never heard of them having, you
17 know, resource issues to meet other demands. That
18 would be a company or similar company like that we'd
19 be working with. It is a -- it is a valid concern. I
20 see where you're coming from, but I personally haven't
21 heard of that being an issue for resources.

22 MR. SHAW: Okay. I asked this earlier a
23 few nights ago and you were suppose to be the person
24 to talk to. Do you have a specific setout route for

1 everyone to -- that you plan for them to go down?
2 Like, when they come off the interstate, come down
3 130?

4 THE WITNESS: Yes, we do. So that's
5 part of what's called the traffic impact analysis, and
6 there's a transportation plan within that traffic
7 impact analysis, TIA, that feeds into the road use
8 agreement, which we haven't started those negotiations
9 yet, but it's a -- the transportation plan is just a
10 one page document, it shows the whole route that
11 everyone is required to follow, and that's in the
12 works right now. We're nearly ready to share that
13 with the county and the road commissioners.

14 MR. SHAW: Gotcha. So let's say, for
15 instance, myself this summer I'll have a 16 year old
16 driving. What -- you know, their school time's
17 obviously 8:00 a.m., to 3:00 p.m., type thing. Is
18 there some sort of a plan to have them drive during
19 certain times or arrive during certain times to
20 prevent that kind of traffic buildup, or, let's say,
21 inexperienced drivers to be around?

22 THE WITNESS: Yes. So we talk about
23 that in our safety meetings, not safety meetings but
24 safety topics during the school year. That's often

1 brought up about school traffic, so school bus
2 traffic, students going to and from school. There's a
3 large emphasis on this, and same with working around
4 the farming or agricultural community during harvest
5 and planting, it is a main focus. And maybe there's a
6 segue into the safety piece or construction, we start
7 every single meeting on site with a safety moment.
8 And you have a safety representative for Apex that's
9 on site and then one for each contractor and
10 subcontractor and also with Vestas or GE, whoever we
11 end up using, there is a large emphasis here and we
12 definitely -- we are definitely, you know, committed
13 to safety for the traveling public and the wider
14 community.

15 MR. SHAW: Okay. Do you have an
16 approximation of what the longest rig is that you'll
17 be having on the road?

18 THE WITNESS: The longest rig, it would
19 be the blade trailer. So the blades would be several
20 hundred feet long. That's why we have to build out
21 these temporary turns, cut corners to get off the
22 state roads onto the country roads, and it -- think of
23 it like a -- there's like a dolly for the front of it
24 and a dolly for the end of the trailer and they make a

1 turn.

2 MR. SHAW: And it's got rear steer
3 basically?

4 THE WITNESS: Yes, it's a rear steering
5 axel, yes. So that would be the longest one, yes.

6 MR. SHAW: Okay. When you're putting in
7 these temporary roadways, are you going to be pulling
8 all the signage and then putting the signage back up
9 after it goes through type of thing, or is it going to
10 be down several weeks or?

11 THE WITNESS: Yes. Great question. So
12 I mentioned this last night, all traffic control will
13 follow IDOT standards. So same as they would be doing
14 a construction project on I57. If there was a sign
15 that had to come down, there would be a temporary one
16 put up, and then there's a process, a permitting
17 process with IDOT to put that back up when the time is
18 appropriate.

19 MR. SHAW: Okay.

20 THE WITNESS: That is another large
21 safety item that we cover often. And you might also
22 see like message boards on the -- like you never see
23 that out in country, but you could see that here on a
24 wind project of this size.

1 MR. SHAW: Yes. I live on Hummel Road.
2 People come over the top of that road doing 75, 80 to
3 90 mile an hour. It's like you can see their car
4 lifting off the road just about so, you know, having
5 stop signs that you can't see or stuff moved and if
6 somebody gets through if they're drunk --

7 THE WITNESS: Yes, we covered that as
8 well, and, I mean, everyone knows that lives in the
9 country, like a lot of intersections are unmarked,
10 like there's no yield or stop sign, it's possible, and
11 I'm just saying this because of Prosperity Wind, we
12 ended up working with the road commissioners to put up
13 yield and stop signs that are now permanent fixtures
14 that -- we -- can't police the public, right.

15 MR. SHAW: Yes. Right.

16 THE WITNESS: People would still run
17 through that, but our policy was no matter what,
18 whether there's corn up or not, you're stopping at
19 that intersection whether there's a yield sign or stop
20 sign, and that's everybody on site. So, yes. Good --
21 question.

22 MR. SHAW: Do you have -- as far as,
23 let's say, drain tile, do you plan on just using local
24 companies, people that have their equipment in this

1 area to repair all that stuff?

2 THE WITNESS: Yes. That's definitely my
3 preference, and I have a lot of influence on the
4 contractor for that. The -- it's ideal for many
5 reasons. Like, you're keeping the work local, but
6 those guys know the farmers and tenant farmers and
7 have worked with them for a long time.

8 Prosperity Wind we ended up using multiple
9 local people for that drain tile work, and it worked
10 out -- it actually worked out better than any other
11 project I've worked for keeping it local, yes.

12 MR. SHAW: Because I'm not really sure,
13 do you know exactly where the laydown yard is where
14 you're going to be storing all the stuff?

15 THE WITNESS: It would be off of 130,
16 it's near Fairgrange.

17 MR. SHAW: Is it, like, across from the
18 bins?

19 THE WITNESS: Yes, I think it's close to
20 1200. It's on the east side of the road just -- just
21 west of Fairgrange.

22 MR. SHAW: Okay.

23 THE WITNESS: Yes, you can see on the
24 map, the color is a little bit off, but you can see

1 like a hashmark, the blue area on there.

2 MR. SHAW: Okay.

3 THE WITNESS: So there's one laydown
4 yard there. There's another one just south of that,
5 it's called a welcome center, it's a bit of a
6 misnomer, but the welcome center is -- the intent of
7 that is, is like a laydown yard. The -- when GE or
8 Vestas brings turbines in they'll pull off on either
9 that, usually it's like four acre parcels, they'll
10 pull off into there and they'll wait until they have
11 the go ahead from the specific turbine site that
12 they're ready to receive said component that came off
13 the interstate. So you'll see that too, and I think
14 it might be labeled laydown yard on the map.

15 MR. SHAW: Okay. So in the two
16 different models, are the footings any different? Is
17 one deeper or one wider or anything like that?

18 THE WITNESS: Probably, but it won't be
19 noticeably different. I can speak in generalities,
20 but it won't be noticeably different.

21 MR. SHAW: Gotcha. So it's not going to
22 be like a 40 percent difference?

23 THE WITNESS: No. No, nothing of that
24 magnitude.

1 MR. SHAW: Okay. I think that's
2 probably about all I have for now.

3 MR. KAINS: All right. Very good.
4 Thank you, Mr. Shaw. And the lady in the back row.
5 Good evening.

6 MS. SMITH: Hello.

7 MR. KAINS: Could you please state your
8 name for the record.

9 MS. SMITH: Katina Smith.

10 MR. KAINS: How do you spell your first
11 name?

12 MS. SMITH: K-A-T-I-N-A.

13 MR. KAINS: Okay. Ms. Smith, go ahead
14 with your questions for Mr. Carlson, please.

15 MS. SMITH: Okay. You said that -- you
16 said that you checked for open ligation in Coles
17 County, but have you possibly -- did you check for
18 Douglas County?

19 MR. HESS: With all due respect to
20 Ms. Smith, I think that is well beyond the scope of
21 his direct. I'm happy to have us proffer an answer.
22 I just want to make -- Mr. Carlson doesn't know
23 anything about that, the lawyers did that.

24 MS. SMITH: That's fine.

1 MR. KAINS: Okay.

2 MR. HESS: And my answer to Ms. Smith's
3 question would be that specifically Illinois EPA and
4 Illinois Attorney General's office --

5 MR. KAINS: Could you use the
6 microphone, Mr. Hess, please.

7 MR. HESS: I apologize. Specifically
8 Illinois EPA and Illinois Attorney General's office
9 confirmed that they are not aware of any open
10 enforcement matter involving the Illinois EPA in Coles
11 County.

12 MR. KAINS: Okay. All right. Thank
13 you.

14 MS. SMITH: Okay.

15 MR. KEYT: I think what maybe needs to
16 be clarified is whether there's any open litigation
17 with the EPA anywhere on the issue as opposed to just
18 in Coles County.

19 MR. KAINS: So are you suggesting
20 Douglas County?

21 MR. KEYT: Well, I'm suggesting
22 something. I don't know where it could be venued.
23 Like it might be in Sangamon County because that's
24 where the EPA is located as opposed to the venue of

1 the site. But I think that may be -- would close the
2 loop on the issue, but maybe that's already been
3 answered and it just hasn't been put on the record
4 yet, but I don't know the answer to that.

5 MR. KAINS: Ms. Antoniolli, what -- what
6 did you specifically find out? Did you ask with
7 respect to Coles?

8 MS. ANTONIOLLI: We talked about Coles
9 County specifically. But when the Chief of the -- the
10 legal counsel for IEPA got back to me, he did confirm
11 that there -- that IEPA was not involved in litigation
12 involving chicken manure and potential fungus.

13 MR. KAINS: In any county?

14 MS. ANTONIOLLI: That's right.

15 MR. KAINS: Okay.

16 MS. ANTONIOLLI: And I did not confirm
17 that with the Attorney General's office, but it would
18 be IEPA that would be involved in the party.

19 MR. KAINS: Sure, yes.

20 MS. ANTONIOLLI: It could be a private
21 suit.

22 MR. KAINS: Okay. It very easily could
23 be private litigation rather than something that
24 the -- because the Illinois EPA can bring a lawsuit in

1 its name, but it is represented at all hearings by the
2 Illinois Attorney General. So it's good that you
3 checked with both of them.

4 Okay. Ms. Smith, what was your question
5 specifically?

6 MS. SMITH: Okay. Well, I just wanted
7 to make sure, because we do have an active case number
8 in Douglas County, 2024 LA 12 so.

9 MR. KAINS: LA 12?

10 MS. SMITH: Yes.

11 MR. KAINS: 2024 LA 12.

12 MS. SMITH: Yes.

13 MR. KAINS: In Douglas County?

14 MS. SMITH: Yes, our son.

15 MR. KAINS: Do you know the names of the
16 parties, the plaintiff and the defendant? If you
17 don't, ma'am, it's okay, because I'll have counsel
18 look that up and report back tomorrow.

19 MS. SMITH: Yes.

20 MR. KAINS: Okay. Let's do it that way.

21 MS. SMITH: Thank you.

22 MR. KAINS: Okay. Very good. Okay.

23 Thank you, Ms. Smith.

24 MS. SMITH: I do have one more thing.

1 MR. KAINS: Absolutely. Go right ahead.

2 MS. SMITH: I just want to explain the
3 county line where our son lives, okay. So if you go
4 down to the Douglas County, Coles County line, as soon
5 as you turn onto that -- I'm sorry. As soon as you
6 turn onto the Coles/Douglas County line our son Jared
7 lives on the Douglas County side, okay.

8 THE WITNESS: Okay. Yes.

9 MS. SMITH: The wind turbines are right
10 across the road in the Coles County side. If we drive
11 on down this country road, about a mile and a half,
12 you'll come upon our house in Coles County.

13 THE WITNESS: Okay. That's a shared
14 county line, right, where some jurisdiction is Coles,
15 some is Douglas, correct?

16 MS. SMITH: Yes.

17 THE WITNESS: Okay.

18 MS. SMITH: So I just wanted to clarify
19 to make sure you're all aware that --

20 MR. KAINS: Okay. All right. Thank
21 you. Do you have any other questions for Mr. Carlson?

22 MS. SMITH: No. Just one more thing,
23 though, if I can.

24 MR. KAINS: Well, it's not really time

1 to testify or make statements.

2 MS. SMITH: Well, just we do have a
3 deposition hearing this Friday so.

4 MR. KAINS: Okay. All right. Very
5 good. In that case that you referenced, 2024 LA 12 in
6 Douglas County?

7 MS. SMITH: Yes.

8 MR. KAINS: Okay. Very good. All
9 right. Thank you.

10 MS. SMITH: Thank you.

11 MR. KAINS: Any other questions from the
12 public? Mr. Borgman. All right. Mr. Borgman, go
13 right ahead with your questions for the witness.

14 MR. BORGMAN: Yes. Being from Paxton,
15 on February 17th, 2023, a wind mill mysteriously fell
16 down up there. Do you know why that wind mill fell
17 down?

18 THE WITNESS: I know the incident. I
19 don't know why it fell down other than a concrete
20 failure. But what I can -- what I can say here is
21 it's not an Apex Project, wasn't an Apex contractor,
22 and I don't think we'll ever by -- if we were to try
23 to reach out to those companies and ask questions, I
24 don't think we would ever hear anything back.

1 MR. BORGMAN: Okay. I've been all
2 around Illinois and seen different wind farms and been
3 there whenever they're going up and I've seen the
4 signs that say no wind traffic.

5 THE WITNESS: Yes.

6 MR. BORGMAN: How can I get one of those
7 signs on my road?

8 THE WITNESS: Well, we would have to
9 talk about where you live.

10 MR. BORGMAN: I'm on 1800, one mile
11 south of where Katina and TJ live there.

12 THE WITNESS: Okay.

13 MR. BORGMAN: Right down from your
14 operation center, where the operation center is going
15 to be, second to last road.

16 THE WITNESS: So to the east of the
17 operation center there?

18 MR. BORGMAN: Yes.

19 THE WITNESS: The east of 130?

20 MR. BORGMAN: Yes.

21 THE WITNESS: I'll have to take a look
22 if that's part of the transportation plan or not.
23 Because there's certain roads we'd take and improve to
24 get to various turbine sites.

1 MR. BORGMAN: I ask for this reason.
2 You talked about 900 to 1,000 yards of concrete, the
3 concrete truck only holds 8 to 10 yards at best,
4 that's -- there's 14 windmills in the quadrant around
5 our house. That's -- well, one way that's like, I
6 take it, don't quote me on this, 1,400 concrete
7 trucks, and they gotta go past our house twice, so
8 that's 3,000 trucks that are going to go by our house.
9 I work from home. I think there was 2 cars that went
10 down my road today. I mean, I want a sign -- I want
11 one of those signs, if we could.

12 MR. KAINS: Mr. Borgman, if you could
13 ask him questions.

14 MR. BORGMAN: Okay. Well, how can I get
15 a sign?

16 MR. KAINS: How can you get a sign?

17 MR. BORGMAN: Yes.

18 THE WITNESS: I'm just making a note of
19 the country road there.

20 MR. KAINS: I guess, Mr. Carlson, the
21 question is when are decisions made with respect to
22 placement of signs, various, you know, signs relative
23 to construction zones, relative to speed, anything
24 like that? When is the decision made to place signs

1 in and around the project?

2 THE WITNESS: Yes. So that is all part
3 of the road use agreement negotiations which will be
4 ongoing for several months, and it may or may not
5 already be a proposed haul route for the turbines and
6 concrete. So, yes, it will take some time to decide
7 that.

8 MR. SHOOK: Why wouldn't it? Why
9 wouldn't you be able to get a sign?

10 THE WITNESS: It depends on where the
11 access points are for those various turbines around
12 your property.

13 MR. BORGMAN: Off of 1800. I have
14 studied the proposal many nights, and there's going to
15 be probably three, four off of our road before you get
16 to the -- the next road up so.

17 THE WITNESS: Okay.

18 MR. KAINS: Mr. Carlson, is it typical
19 to not to have a road use agreement at this point, the
20 public hearing stage?

21 THE WITNESS: Yes, that's typical.
22 Because it will be several months after this before a
23 building permit issuance.

24 MR. KAINS: But before a building permit

1 issues there has to be a road agreement, is that your
2 understanding?

3 THE WITNESS: That is my understanding.
4 The reason for the no wind farm traffic is it -- the
5 signs that say that is it's for roads that aren't part
6 of the road use agreement, and it's for the
7 contractors, don't go down this road. If you go down
8 that road you'll be fined, and that's the intent for
9 that. But if that's the -- if that's the access point
10 to reach somebody's turbines, it's something that
11 we'll have to talk about on the side.

12 MR. KAINS: Is Apex willing to work with
13 Mr. Borgman on this issue?

14 THE WITNESS: Yes. Yes. Certainly.
15 Certainly willing to.

16 MR. KAINS: I think you should.

17 MR. BORGMAN: With no road use agreement
18 in place right now who's responsible for fixing roads
19 that have been messed up by your contractors?

20 THE WITNESS: Apex would be responsible
21 for that, working whichever township or if it's off of
22 a county road.

23 MR. BORGMAN: I ask -- I ask because
24 your surveying crews have been out since Saturday and

1 they caused some road damage already so.

2 THE WITNESS: Yes. I've heard that.
3 They relayed that to the relevant road commissioner
4 and have been working that out for repair, yes, sir.

5 MR. BORGMAN: That's all I got right
6 now.

7 MR. KAINS: Very good. Thank you,
8 Mr. Borgman.

9 Additional questions for Mr. Carlson? Yes,
10 Mr. Hendrix, and then Mr. Sherman and then Mr. Phipps.

11 Good evening, Mr. Hendrix.

12 MR. HENDRIX: Good evening.

13 MR. KAINS: Remind us again which
14 township are you -- are you a road commissioner?

15 MR. HENDRIX: James, H-E-N-D-R-I-X.
16 Bowdre Township, highway commissioner there.

17 MR. KAINS: Could you spell the name of
18 the township?

19 MR. HENDRIX: B-O-W-D-R-E.

20 MR. KAINS: Okay. Very good. Thank
21 you.

22 MR. HENDRIX: Mr. Carlson, will your
23 site construction be the same as the folks that are
24 currently at Prosperity Wind or your Apex employees?

1 THE WITNESS: Probably not. There might
2 be some people that carry over, but it depends on what
3 other active construction sites we have.

4 MR. HENDRIX: You had talked yesterday
5 evening, boring practices for drainage ditches for
6 drainage districts, boring under them. Is it typical
7 to go from -- if it isn't a drainage district, from
8 the edge of the right of way to the forced over, what
9 we call the right of way edge to the other side of the
10 right of way, or is it just from the top of the ground
11 at the edge of the creek to the other side of the
12 grade to the top of the ground?

13 THE WITNESS: It depends. There's
14 various agreements that are made throughout any of
15 these projects. The similar type of thing, it would
16 apply to roads. Like at Prosperity, for roads, I can
17 speak to that because I know there was a restriction
18 on it. We were required to be X amount of feet
19 outside of the roadway to start your bore and end your
20 bore. And we actually had to make some adjustments on
21 that in private construction.

22 MR. HENDRIX: For the township or county
23 roads, residents, driveways, farm yards, would you be
24 trenching or boring the power cables through those

1 areas?

2 THE WITNESS: It depends. But if it
3 was -- we're going -- I can't see us routing cable
4 like right through someone's driveway. Maybe that
5 happened before, but I wouldn't want to trench right
6 through it. And it's an easy add to our electrical
7 design.

8 MR. HENDRIX: Okay. You had listed
9 White Construction will be the contractor, general
10 contractor basically of the project?

11 THE WITNESS: General contractor, yes,
12 sir.

13 MR. HENDRIX: With that was White
14 Construction the general contractor for the EPR site
15 in Douglas County? You had referenced a picture last
16 night of the map with all of the White Construction
17 dots that they have built wind farms in.

18 THE WITNESS: They might have been.
19 What year was that built?

20 MR. HENDRIX: Almost fives years ago now
21 probably.

22 THE WITNESS: They might have been.

23 MR. HENDRIX: Okay. I don't want to
24 answer it for you, but they were.

1 THE WITNESS: Okay.

2 MR. HENDRIX: So where I'm going with
3 that, is it safe to say with them being the general
4 contractor, do they do all the work in-house
5 themselves or do they have several subcontractors that
6 they will use for this project?

7 THE WITNESS: They would have to use
8 subcontractors as well.

9 MR. HENDRIX: On any given day, using
10 your experience with Prosperity Wind, generally how
11 many construction contractors, subcontractors are in
12 and out of that wind farm daily? I know that some of
13 it depends on what phase the construction's at. But
14 can you give an average number of total men, women
15 that will be working on that project on any given day?

16 THE WITNESS: Average daily would
17 probably be about 100 at the height. So when you have
18 concrete work, turbine deliveries, all parallel
19 activities would be over 300.

20 MR. HENDRIX: You've kind of touched on
21 the concrete side of things based on the amount or
22 volume required. In addition to concrete trucks, how
23 many rock trucks, and, again, it's probably going to
24 depend on what phase it's in, but how many additional

1 aggregate trucks would you expect to be in conjunction
2 when concrete's being poured?

3 THE WITNESS: It's variable. But that
4 is laid out in our traffic impact analysis. The
5 engineer we hired out of Springfield, Hanson, they
6 have that clearly laid out and it's in a table of the
7 expectations for the number of rock -- really based on
8 how many access roads we're building, private access
9 roads that we're building. Public road work is a
10 different story there.

11 MR. HENDRIX: Is that part of the WECS
12 permit or is that a different application?

13 THE WITNESS: It's road use agreement
14 probably is tied to the WECS permit to have one, but
15 this feeds into that. It -- to be clear, I think that
16 might be something relatively new in the past few
17 years. If we're comparing the Douglas County project,
18 maybe there wasn't a TIA for that one.

19 MR. HENDRIX: Okay. So the road use
20 agreements you have stated are between the highway
21 commissioner and county engineers for wind projects
22 that Apex has built; is that correct?

23 THE WITNESS: That's correct.

24 MR. HENDRIX: In Prosperity Wind, in

1 particular, has Apex or Prosperity Wind stated they
2 will be responsible for the A1 oil chip service every
3 two to three years or three to five years during the
4 life of the project?

5 THE WITNESS: We have not stated that.
6 We have a post-construction service repair, and the
7 negotiation led to the county taking that work on
8 which -- which has been typical the last few projects
9 I've worked.

10 MR. HENDRIX: Who has jurisdictional
11 control of the roadway in the footprints of the
12 proposed Coles Wind Project? Is it the county
13 engineer or the highway commissioner?

14 THE WITNESS: It depends. Prosperity
15 Wind we made it the county engineer. Everything was
16 funneled to the county engineer for approval. That
17 was the main person I talked to through road work and
18 since. Granted, we still have plenty of conversations
19 with the road authorities or the township road
20 commissioners, and, yes, they do have jurisdictional
21 control, but for like larger decisions on the project,
22 usually everything is just funneled to the county
23 engineer, we just had one main point of contact.

24 MR. HENDRIX: In the event a safety

1 concern is raised and cannot be quickly addressed, who
2 has the authority to shutdown the daily construction
3 site?

4 THE WITNESS: We do. And we've done
5 that.

6 MR. HENDRIX: And this one is going to
7 be, I wouldn't say a repeated question a little bit,
8 but it's going mile by mile starting at the north end
9 of the Coles/Douglas line and working south, how many
10 wind turbines are being proposed currently between
11 1800 to 1900 North? If you don't know I can maybe
12 answer based on your map.

13 THE WITNESS: Probably roughly ten.

14 MR. HENDRIX: I'm showing 14 locations
15 as proposed. And then the same goes for 17 to 1800
16 north.

17 THE WITNESS: Uh-huh.

18 MR. HENDRIX: And 11, 16- to 1700 North.
19 At 10, 15- to 1600 North. 5, 14- to 1500 North at 10.
20 And then 13- to 1400 North at 11. And then I guess
21 the other side of this going with my line of
22 questioning, the number of turbine siting proposed
23 that will sit east of Illinois 130 versus west of
24 Illinois 130 is pretty well a 50/50 mix, you would

1 say, or is it a little bit heavier to the east than
2 the west?

3 THE WITNESS: Looks pretty 50/50.

4 MR. HENDRIX: It's close. But there's
5 basically 4 more turbines setting on the east side at
6 62 proposed sites, and, again, you're only building
7 51. Things can change of those numbers. But going a
8 little bit more specifically, of 1900 North, which is
9 the northern most line of Coles County, but that is
10 also triple zero in Douglas County, do you know how
11 many jurisdictional miles 7 Hickory Township has of
12 that footprint?

13 THE WITNESS: I don't. I don't know off
14 the top of my head. But within the project footprints
15 I think there's about 3 to the west of 130.

16 MR. HENDRIX: That is correct. And,
17 again, your site plans don't show much use to the east
18 side of that on that particular road. But do you know
19 how many jurisdictional miles Morgan Township has?

20 THE WITNESS: Within the project
21 boundary probably one.

22 MR. HENDRIX: It's a half mile. And
23 then, likewise, Bowdre Township has 3.5 miles that
24 are --

1 THE WITNESS: Well, within the project
2 boundary or out to the other state roads?

3 MR. HENDRIX: Basically that would be --
4 what you guys are showing on your appendix, if you
5 want to look at the jagged -- because it does jag a
6 little bit, it would be just a little over 2 miles
7 that could be impacted. Basically looking at Illinois
8 130 to 1775 East in Douglas.

9 MR. KAINS: Mr. Hendrix, what are you
10 getting at?

11 MR. HENDRIX: So what I'm getting at is
12 it's been several times during testimony and the Coles
13 Wind Apex Energy is not planning on signing any road
14 use agreements with anyone other than the Coles County
15 Highway Department, 7 Hickory and Morgan Townships.
16 My concern is they've also said that they want to run
17 routes in circles to avoid trucks passing each other.

18 MR. KAINS: Are you suggesting that they
19 enter into a road use agreement with Bowdre?

20 MR. HENDRIX: I am.

21 MR. KAINS: Okay. That's a question
22 that I'll ask. What about Bowdre Township? Has it
23 been contemplated or is it something you're still
24 working on?

1 THE WITNESS: It's been contemplated and
2 we've had some small discussions on this. I don't
3 think it would be necessary to have like a 100 page
4 road use agreement that we would have to have for --
5 with the county engineer and the townships here.
6 There could -- there could be impact, but I think it
7 is something that we can work out and that we might
8 not have to call it road use agreement. That's the
9 large 100-pager, but something that's smaller that
10 would work for both parties.

11 MR. KAINS: Okay. I'm just going to
12 interrupt and ask Mr. Hess. As counsel for Apex is
13 that something that can be considered and perhaps can
14 be negotiated with Bowdre Township?

15 MR. HESS: Absolutely. But I think just
16 to make the record clear and the terminology we're
17 using, the state citing statute as well as the Coles
18 County Ordinance talks about a rural road use
19 agreement for those roads that will be affected by
20 construction traffic. The current plan, as I
21 understand it, from Mr. Carlson and his team, that we
22 will not use the roads that are subject to that
23 township's jurisdiction which is why it wouldn't be a
24 road use agreement.

1 Now, do we frequently enter into smaller
2 agreements with area townships to make sure we're
3 liable should any damage occur, absolutely and
4 certainly be willing to do that. But I think under
5 state law, unless we're using those roads it's not a
6 road use agreement. I just want to make sure the
7 record's clear.

8 MR. KAINS: Okay. That makes sense. So
9 it would not -- you're not going to be using his
10 township's roads; is that correct?

11 MR. HESS: Under the current plan,
12 that's right. Although, as Mr. Carlson has said, that
13 is subject to negotiation with the county engineer.
14 Certainly happy to include Mr. Hendrix in those
15 conversations. I've seen other projects, those plans
16 change prior to the final road use agreement and final
17 building permits. But as I understand the current
18 plan is construction traffic would not use those
19 roads.

20 MR. KAINS: Okay. And are you, maybe
21 not presently, but will you be engaging in discussions
22 or negotiations on road use agreements with different
23 townships and the county engineer?

24 MR. HESS: Yes, sir. I understand that

1 the Coles County engineer and the two affected
2 townships in Coles County have already retained the
3 attorney who usually does this, I don't know if she's
4 been retained by Mr. Hendrix, but typically what
5 happens is they retain that attorney and that attorney
6 and I sit down to begin those negotiations.

7 MR. KAINS: Okay. Thank you, Mr. Hess.

8 MR. HESS: You bet.

9 MR. KAINS: Okay. Mr. Hendrix, I think
10 it would be a great idea if your township has legal
11 counsel, and I know a lot of townships in Illinois do
12 not, and probably goes a whole lot better, but if you
13 have an attorney, get Mr. Hess's card and have your
14 attorney get in touch with him. Because I don't think
15 you should be excluded from this process. So, okay.
16 I'll be quiet and I'll let you ask questions now.

17 MR. HENDRIX: So I did have one question
18 phoned in to me and asked, and I don't have a good
19 answer so I told them I would ask on their behalf
20 tonight. On any given day does Coles Wind Apex Energy
21 do any air quality tests, either pre, during or
22 post-construction?

23 THE WITNESS: That -- that I don't know.
24 There might be EPA restrictions for certain equipment,

1 but I don't know what those are. It's out of my
2 wheelhouse.

3 MR. HENDRIX: Okay. I think that covers
4 most everything I had then. Appreciate your time.

5 MR. KAINS: Very good. Thank you, very
6 much, Mr. Hendrix.

7 All right. Mr. Sherman.

8 MR. SHERMAN: Tom Sherman, northern
9 Coles County. I'm going to be referring to the wind
10 ordinance and your application.

11 THE WITNESS: Yes, sir.

12 MR. SHERMAN: Starting with page 44 of
13 your application, and I'm asking you because it has
14 the speed of the tower, the speed of the blades and
15 all that. I realize this is under habitats and has to
16 do with bats and we talked about bats whenever. But
17 on the first full paragraph there's a sentence about
18 half way through it, it says Coles Wind will curtail
19 turbines at wind speeds up to 6.9 meters per second
20 from sunset to sunrise from July 15th to October 15
21 until federal incidental take permit and state
22 incidental take authorization for bats have been
23 obtained for the project. Do you see where I'm
24 reading that from?

1 THE WITNESS: Yes, sir. Yes.

2 MR. SHERMAN: First question, because
3 I'm no good at the metric system, what does 6.9 meters
4 per second equal to in miles per hour? I honestly
5 don't know. You could tell me 5, I don't know.

6 MR. KAINS: We need your expert witness
7 who could do that stuff in his head. I can't think of
8 which one, Kalinski, or something like that. If you
9 have -- if you have an estimate, Mr. Carlson.

10 THE WITNESS: I don't have, but maybe 20
11 miles an hour. I don't know.

12 MR. KAINS: Well, don't guess.

13 MR. SHERMAN: Because then my next
14 question is more to the point of does that sentence
15 really mean that whatever that speed is, 5 miles an
16 hour, 20 miles an hour, whatever, does that mean from
17 sunset to sunrise from July 15th to October 15th if
18 that speed is hit they'll shutdown?

19 THE WITNESS: No. They're just
20 curtailed to that speed, that speed or less.

21 MR. SHERMAN: What does that mean?

22 THE WITNESS: So we're doing this out at
23 Prosperity and it's typical on all wind sites that I
24 know of in Illinois, the -- there's a software update

1 that we can input into the turbine and it curtails the
2 turbine to a certain speed.

3 MR. SHERMAN: When you say curtail, does
4 that mean reduce it down to that speed?

5 THE WITNESS: Reduce it down to that
6 speed. You can't go any faster. It's like a set --
7 it's like a governor switch on your car or something.

8 MR. SHERMAN: Okay.

9 MR. KAINS: Mr. Hess, you stand.

10 MR. HESS: Thank you, Mr. Kains. I
11 respectfully want to object. This is beyond the scope
12 of his direct. If he wants to explain how curtailment
13 works, I think that's fine. But this is actually
14 Mrs. Scalie testified. This is in our environmental
15 section. She was our environmental expert. So we
16 object to environmental questions being asked of
17 Mr. Carlson.

18 MR. KAINS: Okay. We'll stay away
19 from --

20 MR. SHERMAN: Okay.

21 MR. KAINS: And when you say
22 environmental questions, are you referring to wildlife
23 questions as well?

24 MR. HESS: Yes, sir.

1 MR. KAINS: Okay. All right. Go right
2 ahead, Mr. Sherman.

3 MR. SHERMAN: Okay. On page 45, the
4 wind ordinance says that it will be in the
5 application, and in your application on 4.116 about
6 the engineer's certificate. I think we talked about
7 this before, but it says in the building permit
8 submittal, will that be where the engineer's
9 certificate is placed.

10 THE WITNESS: Yes. I -- I don't know
11 exactly what this is in reference to, if that's all
12 engineering designs or the overall project is
13 certified by Illinois engineering.

14 MR. SHERMAN: Just reading from your own
15 application, 4.16, as set forth in section 4.1 above,
16 Coles Wind will submit an engineering assessment and
17 certification in the building permit submittal after
18 the turbine model has been selected.

19 MR. HESS: And, respectfully, Mr. Kains,
20 I would object. This is actually asked and answered.
21 We went around with Ms. Anderson about this, that the
22 footnote and Mr. Keyt and I both talked about the
23 conflicts in the ordinance. Also it's beyond the
24 scope of his testimony. Ms. Anderson testified about

1 what we submitted and complied with all the different
2 Coles County Ordinance requirements.

3 MR. KAINS: I'll sustain the objection.
4 Go on to another area.

5 MR. SHERMAN: Okay. On page 46, all
6 technical submissions contained in this application
7 will be provided in the building permit submittal.
8 Again, that's the same kind of thing, right, in the
9 building permit submittal?

10 THE WITNESS: Yes.

11 MR. SHERMAN: All right. Then really
12 getting to my -- the heart of the question, 4.183 is
13 about -- or, I'm sorry, the road use agreements. The
14 road use agreement you said will not be completed
15 until roughly the fall of '25?

16 THE WITNESS: That's our estimation,
17 yes, sir.

18 MR. SHERMAN: But in your application it
19 talks about several times in here with a road use
20 agreement, specifically page 52 -- page 46, I'm sorry.
21 Page 46 it talks about in the building permit
22 submittal about the road gates and the entrances, all
23 those things which I'm assuming are in the road use
24 agreement. But we're not going to have the road use

1 agreement until the fall?

2 MR. HESS: And, first of all, I don't
3 think Mr. Carlson has the application in front of him.
4 So if he needs it to answer these questions I think
5 that's fair to him. But I would object. 4.183 is
6 talking about access road gates and specifically about
7 landowners that either want or do not want locked
8 metal gates. I would just object, it's not about road
9 use agreements. I would object. But also, may I hand
10 up an application.

11 MR. KAINS: Yes, hand up the application
12 to the witness so he has something in front of him.

13 THE WITNESS: I know what you're talking
14 about now, those gates.

15 MR. KAINS: But I don't think the gates
16 are part of a road use agreement.

17 MR. HESS: No, sir.

18 MR. KAINS: And so that's a private
19 matter between the Applicant and the property owner.
20 So sustained.

21 Ask another question, please.

22 MR. SHERMAN: Okay. On page 52, 5.6 of
23 the application it talks about the drainage systems.

24 THE WITNESS: Yes.

1 MR. SHERMAN: There's a phrase,
2 maintenance and operation phases of the project that's
3 missing. That is in the wind ordinance. You list all
4 the other things, but it does not have in your
5 application about during the maintenance and operation
6 of the project that you will do anything with the
7 drainage tile systems that are damaged by project
8 construction. The very first sentence.

9 THE WITNESS: Yes.

10 MR. SHERMAN: Will there be any
11 maintenance and -- or will there be any repairs in the
12 drain tile systems during the maintenance and
13 operation of the project, not just construction?

14 MR. KAINS: Mr. Hess.

15 MR. HESS: I think that last question is
16 actually a fine question. I would just object to the
17 first sort of commentary, because I think it is a
18 little bit misleading as to how the Coles County Wind
19 Ordinance is setup. And the section about drainage
20 system that Mr. Sherman is referring to is in a
21 completely different section than what is required to
22 be in the permit application binder. We did this
23 before with Ms. Anderson. We respectfully object.
24 That's mischaracterizing the requirements of the Coles

1 County Wind Ordinance. But I actually think the last
2 question by itself is a fine question and I have no
3 objection to that.

4 MR. KAINS: I'm going sustain it. The
5 ordinance is the ordinance. But I think that's a good
6 question. Can you repeat it again.

7 MR. SHERMAN: In the application, 5.6
8 the sentence says, reading from that, the WECS
9 ordinance requires the Applicant to repair the drain
10 tile systems that are damaged by project construction.
11 My question is, what about maintenance while there's
12 maintenance going on in the wind turbines or while the
13 operation of the wind turbines are in place? I
14 understand you gotta maintain them during
15 construction. What about the rest of the time?

16 THE WITNESS: We'll still maintain them,
17 yes. We're doing that now at Prosperity.

18 MR. SHERMAN: Okay. You talked about
19 the different number of people coming in to do work.
20 Do you know how many people will be coming in from
21 outside the county to actually do work on the
22 construction?

23 THE WITNESS: That -- that I don't -- I
24 don't know.

1 MR. SHERMAN: Okay. And then my next
2 question -- kind of since you don't know that. You
3 don't know where they -- where they would stay? Would
4 it be -- would they be housed in hotels or they go
5 home at night or --

6 THE WITNESS: It various. There could
7 be hotels. There's a campground around, usually have
8 people have their camper there.

9 MR. SHERMAN: Okay.

10 THE WITNESS: Yes, it various. Quite a
11 few people in Central Illinois though. So lots of
12 people do commute to and from work.

13 MR. SHERMAN: Okay. Where within your
14 application do you address the numerous drainage
15 districts that are within Coles County? And I have a
16 map of, I would say, 100. That may be a little
17 exaggeration, but there's at least 30. Mr. Hess, if
18 you want that.

19 MR. HESS: I would object to the extent
20 he's asking about the application. It's beyond the
21 scope of his testimony. That's why we had
22 Ms. Anderson explain the application. If he wants to
23 ask as a matter construction practice, I think it's a
24 fair question. But if it's about the application,

1 that was Ms. Anderson's testimony.

2 MR. SHERMAN: And, respectfully, I bring
3 that up because I think it was last night you talked
4 about you would go -- and I may get the number wrong,
5 12 feet under drainage ditches?

6 THE WITNESS: No.

7 MR. KAINS: I think I'm going to
8 overrule the objection. I think it's a fair question.
9 Now, go ahead and answer.

10 THE WITNESS: No. Typically it's at
11 least 2 feet under drainage ditches.

12 MR. SHERMAN: Okay. And that gets me to
13 the map of all of the drainage districts in Coles
14 County. Has there been any study on all of these
15 districts that are all over the place, especially in
16 the footprint?

17 THE WITNESS: No, not that I know of.
18 No.

19 MR. SHERMAN: Would you like to have the
20 map?

21 THE WITNESS: Yes, sir. That would be
22 helpful.

23 MR. KAINS: Mr. Hess, could you hand up
24 the map. Thank you, Mr. Sherman.

1 MR. SHERMAN: Will there be any battery
2 energy storage systems or BESS units for this project?

3 THE WITNESS: Not to my knowledge,
4 that's not contemplated.

5 MR. SHERMAN: Is the answer -- okay. So
6 there won't be any battery storage. So my simplistic
7 idea then, the wind is turning, the blades are
8 turning, they're generating power, is there no power
9 generated when the wind's not blowing and the blades
10 aren't turning?

11 THE WITNESS: That's correct.

12 MR. SHERMAN: Do you have an idea of
13 how -- how in a percent of a day? Are they not
14 turning 30 percent of the time, 50 percent of the
15 time?

16 THE WITNESS: It's really variable. We
17 all know it's really windy out here. I think it's
18 more seasonal than actually -- winter is usually
19 windier.

20 MR. SHERMAN: In a given year then. Can
21 you give me a percentage in an average year of what
22 would be --

23 THE WITNESS: Maybe half, but that --
24 I'm just spit balling there. So I don't know.

1 MR. SHERMAN: So I don't want to put
2 words in your mouth, but you just said half the time
3 they're working and half the time they're not?

4 THE WITNESS: It's whenever the wind's
5 blowing. I can't play God up here. I don't know.

6 MR. SHERMAN: I understand that. I'm
7 just trying to see -- get an idea of how much energy
8 these are going to produce, for one thing and how
9 often they're going to produce. Because you just said
10 half the time they will not be producing any
11 electricity.

12 THE WITNESS: I -- I don't know an
13 accurate answer on this. We would need a wind
14 resource expert on the stand for that.

15 MR. SHERMAN: Okay. What are the blades
16 made out of on either one of the two project -- or two
17 wind turbine models?

18 THE WITNESS: The composite material and
19 fiberglass.

20 MR. SHERMAN: How many gallons of oil
21 does each wind turbine consume in a month?

22 THE WITNESS: That I don't know. I'm
23 not in operations or maintenance group.

24 MR. SHERMAN: You said earlier about the

1 concrete work, can you provide some type of guarantee
2 that the concrete will come from within Coles County,
3 that it will be a concrete Coles County firm that does
4 that?

5 THE WITNESS: Yes. Like I mentioned,
6 CCI Redi-Mix, we typically use them. They have a --
7 they have an outpost in probably every county around
8 here.

9 MR. SHERMAN: To my oil question, does
10 oil ever leak from a wind turbine?

11 MR. HESS: I would object. I think
12 that's been asked and answered several times by
13 several different witnesses.

14 MR. KAINS: Yes. That is sustained. I
15 think we all are aware that from time to time these
16 turbines leak oil. And there's something called an
17 SPCC?

18 MR. HESS: Yes, sir.

19 MR. KAINS: I don't know what it stands
20 for, but I remember that's some kind of procedure that
21 is used to clean up whatever leaks.

22 MR. SHERMAN: Okay. I'm going to go
23 back to a question, I've already asked this, but I was
24 told to ask you. Can you elaborate on what a serrated

1 blade is? What does that mean?

2 THE WITNESS: Yes. I was talking about
3 that earlier too. It's like the saw tooth edge of the
4 blade. That's for the sound silencing of the blade.
5 Aerodynamically I don't exactly know how that works,
6 but it really does help with the sound.

7 MR. SHERMAN: And I'm assuming you're
8 talking about kind of like -- I relate that to like a
9 steak knife?

10 THE WITNESS: Yes, you had said that
11 word.

12 MR. SHERMAN: How often do you have to
13 sharpen or maintain the serrations?

14 THE WITNESS: That I don't know. I
15 thought someone else had answered that though.

16 MR. SHERMAN: I tried to ask that
17 question before, I thought were the guy so.

18 THE WITNESS: No.

19 MR. SHERMAN: Then I have another
20 question. It was during the safety time and I'm not
21 sure why they referred me to you on this one. Have
22 you had any discussion with Ameren or Coles Multi
23 Electric Co-Op as it pertains to safety in regards to
24 the electricity connectivity when these go live?

1 THE WITNESS: Yes. So we have what's
2 called a GIA, generator interconnection agreement that
3 we enter into with Ameren, and that's a large
4 contract, and their safety protocol is within there.
5 It somewhat splits responsibility on what Ameren's
6 responsible for and what Apex as owners, us as the
7 owner is responsible for. But we -- we very much work
8 closely with them on their own -- on their own -- when
9 they're building their switchyard and working around
10 our project site and vice versa. It's very similar to
11 the protocol. Every knows Ameren, they're a big
12 company.

13 MR. SHERMAN: The Prosperity Project, is
14 it tied to MISO?

15 THE WITNESS: Yes. Everything in
16 Illinois would be tied to MISO, yes.

17 MR. SHERMAN: Okay. So there's no
18 direct connectivity to Ameren --

19 THE WITNESS: No, it's --

20 MR. SHERMAN: -- other than MISO?

21 THE WITNESS: So Ameren, that is kind of
22 complicated. So the overall grid is called MISO, but
23 Ameren's the local -- what's called utility operator
24 or transmission owner or authority, I can't remember

1 the exact term, but they're -- we're still working
2 with them for the -- through this GIA that I
3 mentioned, and that power is going out into the Ameren
4 grid which is part of the larger MISO grid, if you
5 will.

6 MR. SHERMAN: Okay. What wind turbine
7 model specifically was built in Piatt County?

8 THE WITNESS: It was a Vestas V162,
9 Eventus platform, that's, E-N-V-E-N-T-U-S.

10 MR. SHERMAN: How many ADLS towers will
11 there be?

12 THE WITNESS: Probably -- well, I can't
13 say probably, one. There will be only one.

14 MR. SHERMAN: Only one?

15 THE WITNESS: Only one.

16 MR. SHERMAN: How tall?

17 THE WITNESS: Roughly 100 feet. That's
18 a regular tower.

19 MR. SHERMAN: And where -- is that on
20 the map somewhere?

21 THE WITNESS: It's the dot.

22 MR. SHERMAN: Okay. I'll find that --

23 THE WITNESS: West of Fairgrange.

24 MR. SHERMAN: You said west of

1 Fairgrange?

2 THE WITNESS: Yes.

3 MR. SHERMAN: Okay. This was somewhat
4 addressed before, but the Marathon pipe that runs
5 through the project area, is there any trenching,
6 digging, whatever you want to call it, that goes
7 underneath that pipeline?

8 THE WITNESS: I don't think so. I think
9 that runs like in the northeast portion of the
10 project.

11 MR. SHERMAN: It splits -- to answer
12 your question, it splits Fairgrange and Brocton, that
13 corner. So it will go through some of those, so
14 that's why I was asking.

15 THE WITNESS: No, I don't think we do.
16 I don't think that would cross from there.

17 MR. SHERMAN: The components of the wind
18 turbines, you said before that these -- some of these
19 were -- well, maybe the decommission person said that.
20 Some of them were made in Mexico. Are any of them
21 made in the United States?

22 THE WITNESS: Yes. Quite a bit of the
23 turbine is made in America. All the steel for the
24 tower sections is America steel. For GE I know that

1 they build a lot of the, like the nacelles which is
2 another word for that machine, in Florida. Most of
3 them have factories, for Vestas out in Colorado.

4 MR. SHERMAN: And the blades, the
5 fiberglass composite blades, you talked about before,
6 where are those manufactured?

7 THE WITNESS: Mainly Mexico and some in
8 Colorado.

9 MR. SHERMAN: Now, this gets into a road
10 question. If the roads are made wider during any
11 phase of this project, because right now the roads
12 aren't all that wide, who's responsible for
13 maintaining those roads?

14 THE WITNESS: Throughout the project
15 construction we would be responsible for maintenance
16 of the roads, and then through the road use agreements
17 we would come to terms with what we do in the year one
18 after the project and so forth.

19 MR. SHERMAN: The -- on March 19th there
20 was a -- Mr. Borgman asked a question about Morgan
21 County. Do you know what type of turbine was in
22 Morgan County over by Jackson?

23 MR. KEYT: I'm just going to object.
24 We've kind of gotten far afield of what is relevant to

1 the ordinance, the state statute and federal law.
2 We're talking about now projects in other counties
3 that don't have anything to do with this particular
4 project. If we could keep it focused on just the
5 issues related to the ordinance, the state and federal
6 law, I think we could maybe speed it up a little bit.

7 MR. KAINS: Yes. I'm going to sustain
8 the objection. Unless -- how is this relevant to this
9 project?

10 MR. SHERMAN: My very next question is
11 the Morgan County there was a water well
12 contamination. Are you aware of the water well
13 contamination caused by wind turbines?

14 THE WITNESS: I am not.

15 MR. SHERMAN: Water drainage and water
16 collection can impact neighboring fields. If I have a
17 field and I don't have a good neighbor agreement, I
18 know that you have plans to repair the tile damage and
19 repair the participating sites, what about a
20 non-participating neighbor that's impacted because of
21 a situation on a participating piece of property?

22 THE WITNESS: Yes. So that would go
23 through the complaint resolution procedure that we
24 talked about. But we'll hear about it immediately.

1 We'll hear about on site. We'll address it. We don't
2 want that to happen. We don't want that to happen to
3 anybody. We'll take it seriously. I know there's
4 horror stories of other projects, but.

5 MR. SHERMAN: So does a
6 non-participating person have the same rights and the
7 same luxuries presented to them as participating
8 person?

9 THE WITNESS: I very much agree, yes.

10 MR. SHERMAN: You listed White
11 Construction as the contractor, where are they based?

12 THE WITNESS: They're out of Clinton,
13 Indiana.

14 MR. SHERMAN: And where within any five
15 counties, where has White Construction done any wind
16 turbine projects in our general area of Illinois? I
17 know there's a map, but there's a big difference
18 between Champaign and Charleston so.

19 THE WITNESS: There is. Could we go to
20 that slide. I know that the names of the projects
21 aren't on there, but.

22 MR. SHERMAN: Or if you could give me a
23 name.

24 THE WITNESS: Well, Prosperity Wind, I

1 mean, that's about an hour away. It's one of the last
2 slides. Gosh, this isn't as helpful as I thought it
3 would be.

4 MR. SHERMAN: That's my point.

5 THE WITNESS: But I can get a map that
6 shows the names of those projects.

7 MR. SHERMAN: I know there's about five
8 or six stars roughly around where our area is, but I
9 have no clue what counties or towns or names those
10 are. If I could --

11 THE WITNESS: I could get you some
12 names.

13 MR. SHERMAN: Thank you. I appreciate
14 that. You talked about the -- and in response to a
15 question you said there's going to be a lot of people,
16 a lot of traffic on any given time. Are there any
17 allowances built in for increased sheriff's patrols
18 that will take -- need to take place during some of
19 this construction?

20 THE WITNESS: That I don't know. But
21 that can certainly be worked out.

22 MR. SHERMAN: I think it was the second
23 witness we heard that the ditches in Piatt County, in
24 her words, were beautiful. Can you explain what the

1 ditch situation will be like for Coles County?

2 THE WITNESS: I think she was -- I think
3 she said roads not the ditches.

4 MR. SHERMAN: Okay. How beautiful will
5 our roads be then?

6 THE WITNESS: I think they'll be great.
7 I know I'm speaking from my end, but we have put in a
8 lot of efforts and money into the roads.

9 MR. SHERMAN: And I don't mean to be
10 flippant about that, but, I mean, there's a project
11 just north of us in Douglas County and the roads are
12 definitely not beautiful. That's why I ask.

13 THE WITNESS: That's another developer.
14 And I think one thing that we have put a major
15 emphasis on in the last few projects in Illinois have
16 been public road upgrades. So it is a big benefit.

17 MR. SHERMAN: Okay. Walk me through a
18 construction day. Do they start at 6:00 in the
19 morning and 5:00 p.m.? Do they work around the clock?
20 What's it going to look like?

21 THE WITNESS: It really depends on which
22 phase of construction we're in. Generally speaking,
23 though, it's sunrise to sunset is when you see people
24 on site doing various parallel activities. Turbine

1 deliveries, that's only -- takes place during the day.
2 And there's pretty restrictive windows on that for
3 many reasons. You don't want to get into delivering
4 something at like dusk and then they're out of time.
5 Yes, so it just depends on the operation.

6 MR. SHERMAN: Is it Monday through
7 Friday?

8 THE WITNESS: Monday through Friday
9 mostly, there are Saturday work too, some weekend work
10 as well depending on what activities are taking place.

11 MR. SHERMAN: Will they be working on
12 Sunday?

13 THE WITNESS: Yes, they could be.

14 MR. SHERMAN: So it could be 7 days a
15 week?

16 THE WITNESS: It could be, it could be 7
17 days a week, yes, depending on the phase of the
18 project.

19 MR. SHERMAN: Will that be in your --
20 you said last night about your day to day schedule,
21 that will be listed when those 7 day a week?

22 THE WITNESS: Yes. Because in our
23 schedule we'll show our plan of the day schedule, it
24 shows current day, previous day and future day.

1 MR. SHERMAN: If these wind turbines are
2 constructed, is there any website source we can go to
3 to see how much energy they will be producing, back to
4 the 50 percent?

5 THE WITNESS: Good question. That I
6 don't know. But -- I don't know. I don't think we've
7 ever heard that question.

8 MR. SHERMAN: I haven't seen any, that's
9 why I asked so. In the 3 projects that you've
10 completed, you said that at the very beginning, how
11 long in terms of months does it take for each project
12 to be completed start to finish?

13 THE WITNESS: So Ford County was -- we
14 started road work in July and then we finished up in
15 March or April of the following year. That was a
16 project with fewer turbines than Prosperity Wind and
17 smaller turbines. Prosperity Wind we started in
18 February 2024 and we're just now finishing up
19 construction.

20 MR. SHERMAN: So that one was about,
21 what, 14 months, if I'm --

22 THE WITNESS: About 14 months, 15
23 months. Similar size project to here.

24 MR. SHERMAN: And what was the third

1 one? You said --

2 THE WITNESS: Lotus Wind, we -- it was
3 in various stages. We had built a switchyard with
4 Ameren, that took several months, and then they just
5 started road work over there in February.

6 MR. SHERMAN: Will there be any
7 switchyard with this project?

8 THE WITNESS: Yes, there will have to
9 be, yes. Only way to get power to the grid.

10 MR. SHERMAN: So is it safe to say this
11 project will take longer than Prosperity?

12 THE WITNESS: No, I think it will be
13 similar timeline.

14 MR. SHERMAN: Does White Construction do
15 all of the road work?

16 THE WITNESS: No, they sub out that road
17 work.

18 MR. SHERMAN: Do you know who -- what
19 subs White Construction uses?

20 THE WITNESS: The past few projects
21 we've been using Champaign Asphalt, they also go by
22 Open Road.

23 MR. SHERMAN: Are you aware there's an
24 asphalt plant here in Coles County?

1 THE WITNESS: I was not, but I can
2 assume so.

3 MR. SHERMAN: So please look into that.

4 THE WITNESS: Yes, sir.

5 MR. SHOOK: There's two of them.

6 THE WITNESS: Two.

7 MR. SHERMAN: Two, yes. Okay. Thank
8 you. I was thinking of one in particular. Is White
9 Construction a union company?

10 THE WITNESS: Yes, sir.

11 MR. SHERMAN: You talked about the
12 reports that are going to be made to the County Board,
13 will those -- maybe this is more for the County Board,
14 will those reports be made available to the public to
15 see and hear what's going on with the project?

16 THE WITNESS: I'm not sure.

17 MR. KEYT: It doesn't matter, I don't
18 care if he answers or not. I'm not objecting to the
19 question. But any report that's provided from Apex to
20 the county is in the form of an annual report. I
21 think what he's talking about would be subject to a
22 FOIA request or if the county is able to put that on
23 the website.

24 MR. KAINS: Very good. Thank you for

1 that explanation, Mr. Keyt.

2 MR. SHERMAN: Okay. Thank you, yes. I
3 think Meg asked this question the other night, but I
4 want to make sure that with the school districts
5 involved with bussing and all of that kind of things
6 this will be made available to the bussing -- to the
7 different school districts?

8 THE WITNESS: Yes.

9 MR. SHERMAN: Okay. And I know that
10 there's a listing in Appendix F-3 has got Morgan
11 County -- or Morgan County, Morgan Township, F-4 has 7
12 Hickory, once they get to the county, and I understand
13 those are the roads. How do they get to those roads?
14 Are they coming down 57, up 57, over 133, up 133? How
15 are they getting to Coles County?

16 THE WITNESS: Yes. So the turbine
17 delivery vehicles would have to use interstate and
18 then get off either County Road 1000 North. Am I
19 saying that right?

20 MR. SHERMAN: Yes.

21 THE WITNESS: And then they head up 130.
22 There's also state road in Douglas County when you
23 come down 130. The primary would be using that county
24 road off of I57.

1 MR. SHERMAN: So you're taking I57 to
2 1000 North and then up 130 for most things?

3 THE WITNESS: For the vast majority,
4 yes.

5 MR. SHERMAN: You had talked about being
6 a farm kid, right? Please tell me this is going to
7 take place when there's not planters and combines and
8 all that going on. I don't know how to make that into
9 a question, but when will this be taking place?

10 THE WITNESS: Well, it will be taking
11 place all year. We do place a major emphasis on
12 working around the farm equipment during planting and
13 harvest. We really can't stress that enough. And
14 there's quite a lot of other people that work on the
15 sites that are farm boys too, you know, like, they get
16 it, and we're working very closely with them and we've
17 even come very close with a lot of landowners and
18 farmers whether they're in support of the project or
19 not. We end up talking to them often. Like I said
20 before, like I'm huge on communicating. I can't
21 stress that enough. And, yes, it will be the -- it
22 will be a major consideration.

23 MR. SHERMAN: Part of the reason I ask
24 that, in all seriousness, is that the laydown yard you

1 talked about by Fairgrange, is that a property
2 immediately west of the grain bins?

3 THE WITNESS: Yes. But it's a little
4 south from the -- yes. Yes, it's that property.

5 MR. SHERMAN: Okay. Will there be some
6 kind of traffic light, traffic device at that place,
7 because -- just some background, then I'll ask the
8 question. There was a grain elevator in Charleston
9 that closed down. A lot of that grain will be hauled
10 up to Fairgrange is my understanding. There will be a
11 lot of traffic, a lot more traffic than there's ever
12 been to that area hauling grain especially during
13 harvest season. Will there be some type of different
14 traffic controls then are in place right now other
15 than just a stop sign that's there? Will there be
16 some other device?

17 THE WITNESS: Yes. So we did the same
18 thing at Prosperity. We were right off US 150 which
19 is a similar type of state road or IDOT road, similar
20 daily traffic, lots of farm equipment, lots of people
21 going fast, but we had message boards up and that
22 was -- it would state slow down for construction
23 traffic. We had temporary speed limit and signage as
24 well so.

1 MR. SHERMAN: To one of the questions
2 that was brought earlier, and I apologize, this is not
3 your question, and maybe it's a Mr. Keyt question or a
4 Mr. Hess question. What happens if something comes up
5 with this deposition or this hearing with the chicken
6 manure thing and we've already gone down the tracks of
7 this application? I know that's not your question.

8 MR. KAINS: It's a good question, but
9 I'm not sure if it's relevant.

10 RM. HESS: I would respectfully object.
11 It's not relevant, and it's also beyond the scope of
12 his knowledge and testimony.

13 MR. KAINS: I think, Mr. Sherman, I
14 think it might be best -- I think it would be best if
15 we let that private litigation, it sounds like it's
16 private litigation since the state or the EPA and the
17 Attorney General are not involved, at least that we
18 think as of right now. I think we let that play out.
19 But I think if you were to have a discussion with -- I
20 think it was Mrs. Smith who talked about it tonight,
21 and I believe Mr. Smith talked about it last night, if
22 you stay in touch with them.

23 MR. SHERMAN: Sure.

24 MR. KAINS: You know, that might be the

1 best way just to keep apprised of this. But that
2 particular issue, while it is important for us to
3 understand what's going on, and right now we don't
4 know.

5 MR. SHERMAN: Sure.

6 MR. KAINS: But I think that, you know,
7 at this point in the proceedings it's not something
8 that is going to be particularly relevant to this
9 Committee's determination of the factors in the
10 ordinance. Although, you know, if you think about it,
11 it could relate to the public health, as Mr. Smith
12 testified last night so.

13 MR. SHERMAN: And that's where I'm going
14 with my question. Because obviously this hearing is
15 coming to a close, and if something happens, I guess
16 my question is what happens this hearing closes and
17 then two weeks, two months, whatever it is, some
18 legislation or something is done, does the county stop
19 it? Does Apex stop it? How does this --

20 (Phone interrupts the proceeding.)

21 MR. SHERMAN: Maybe that will stop it.

22 MR. KAINS: Saved by Kenny.

23 MR. SHERMAN: Do you see my question is,
24 what happens if we're down the road and then --

1 MR. KAINS: Perhaps that's something
2 that could be considered by the county perhaps as a
3 condition, but I'm not sure if that would be something
4 that would qualify as a condition. Mr. Hess stands.
5 Can you elucidate?

6 MR. HESS: Well, what I would say,
7 Mr. Kains, is of course Coles Wind will have to comply
8 with all applicable federal, state and local laws. So
9 to Mr. Sherman's hypothetical, if three months from
10 now there's a legislation that changes, we're bound by
11 legislation. If suddenly the state passed a law
12 saying, I don't know, you've got to spray soil
13 stockpile, we would have to spray soil stockpile.
14 Harder to say than I thought. I apologize. So I
15 think that my answer to Mr. Sherman's question is if
16 there's a change in law we have to abide by the law
17 while we're constructing the project, while we're
18 operating the project. I don't think it's
19 particularly relevant to the factors in a permit
20 hearing which is what we're doing here.

21 MR. KEYT: I would just say, Mr. Kains,
22 we don't really know enough about it right now to be
23 able to give an opinion or direction on it. So I
24 think if more information comes available we might be

1 able to do that until -- well, we'll look into it. I
2 think Apex is looking into that, but we will as well.
3 But to the extent that there is an issue there, then
4 we'll have to determine how to address it, if at all,
5 because if it is a matter of a private lawsuit between
6 the two parties, there's not much that Coles County is
7 involved with private lawsuits between two parties in
8 that situation.

9 MR. KAINS: Would you be willing to hear
10 from Mr. Sherman if he has -- or Mr. and Mrs. Smith if
11 they have additional information that might be
12 beneficial?

13 MR. KEYT: If anybody wanted to talk
14 with us about that, that's totally fine, for sure.

15 MR. SHERMAN: And just to be -- again, I
16 have no information at all. My first hearing of this
17 was last night and then what she testified or
18 questioned about this evening. So I'm just coming out
19 this with -- in looking at the county's best
20 interests.

21 MR. KAINS: Absolutely.

22 MR. SHERMAN: The county's welfare and
23 the county's health.

24 MR. KAINS: And I agree with you,

1 Mr. Sherman.

2 Ms. Antoniolli.

3 MS. ANTONIOLLI: And just to wrap up my
4 homework, I was able to look on the Douglas County
5 Circuit Court's website and confirm that the case
6 number that was indicated earlier has been filed.
7 Its -- the parties names are Smith versus Walk and it
8 is pending litigation.

9 MR. KAINS: How's the last name of the
10 defendant spelled?

11 MS. ANTONIOLLI: W-A-L-K.

12 MR. KAINS: Oh, like going for a walk.
13 Okay. Smith versus Walk, and what's going on with it?

14 MS. ANTONIOLLI: It is just pending
15 litigation. I think we heard earlier a status from
16 one of the people in the public that commented and
17 that's all we have.

18 MR. KAINS: Do you show when it was
19 filed? When that litigation was commenced? And the
20 reason I ask is if it was just filed within the last
21 month or two, it won't even be set for any pretrial
22 status. It just will --

23 MR. KEYT: I believe, Mr. Kains, it was
24 filed in August of 2024. But that was just based on

1 public information that we're able to look up.

2 MR. KAINS: Okay. So it's a private
3 civil lawsuit. Smith versus Walk in Douglas County.
4 And, you know, having had endless experience with some
5 civil litigation, there won't even be any hearing on
6 it for months and months, if not a year.

7 MS. ANTONIOLLI: And I would just
8 reiterate that there is a complaint resolution process
9 that we have ongoing with the wind farm. So if there
10 is something that comes of the litigation, we're able
11 to resolve it in a more formal way too and report that
12 back to the county.

13 MR. KAINS: Okay. I think on this
14 issue, I think everybody needs to stay in open
15 communication. The Smith family, Mr. Sherman, if
16 you're willing to, you can find one of these attorneys
17 for the Applicant, Mr. Keyt can be found, Mr. Lockhart
18 has the hotline to Mr. Keyt, but I think seriously
19 that this is an issue that needs -- there needs to be
20 open communication and if there are -- ultimately, if
21 this project is approved and if there are -- continue
22 to be problems with this, that is something that goes
23 to not only complaint resolution but constant contact
24 with the County Board, Mr. Lockhart, their counsel and

1 Apex. Because this might be one of the more
2 problematic -- it might be one of the more problematic
3 things I've encountered conducting these hearings for
4 the last seven years. I've never -- until last night,
5 never heard of it, you know, never heard that it could
6 be a potential contaminating problem.

7 With that said, go ahead with --

8 MR. SHOOK: I -- I -- excuse me.

9 MR. KAINS: Yes, Mr. Shook.

10 MR. SHOOK: Excuse me. I think it's a
11 serious deal. And I really think we need to really
12 look into this, everybody. We already -- we already
13 have one gentleman sick, and if we can stop somebody
14 else from getting sick or dying, I think we should do
15 it. Sir.

16 MR. KAINS: Oh, yes. I agree.

17 MR. SHOOK: So I think, you know,
18 everybody needs to be involved with this and see what
19 we can do about it.

20 MR. KAINS: Yes, sir. Thank you,
21 Mr. Shook.

22 MR. SHERMAN: And I appreciate you
23 giving me the latitude to ask about it. I know that's
24 not Mr. Carlson's, you know, ball field, but I didn't

1 know who else -- where to bring it up. So thank you.
2 Mr. Hess, thank you, too.

3 MR. HESS: Yes, sir.

4 MR. SHERMAN: Going to your slide show
5 now. On the construction restoration piece, the
6 decompaction of topsoil, how do you -- how do -- I'm
7 assuming that's when the turbines are constructed and
8 then now you take the cranes back out. How do you fix
9 that topsoil?

10 THE WITNESS: Yes. So there's a few
11 different things that we do. One is we would have
12 that topsoil stockpiled, so then you're working with
13 subgrade. Because that subgrade is compacted you'd
14 deep till that subgrade. Then we bring all the
15 topsoil back on, but there's going to be dozers moving
16 around, putting that topsoil back on. Then you gotta
17 disk the topsoil. So there's several phases to make
18 sure that the land is in its preexisting condition.

19 MR. SHERMAN: What was the phase you use
20 to, I'm going to say stored, but that's not the phrase
21 you use? What --

22 THE WITNESS: Stock pile. Think of
23 just -- what a pile would --

24 MR. SHERMAN: Where will this pile of

1 topsoil be located?

2 THE WITNESS: It's very close to each
3 turbine site and around the access roads.

4 MR. SHERMAN: Okay. And you spoke, I
5 think it was last night, you talked about the ADLS
6 will turn off at night and they'll blink during
7 construction. Does that last for 30 days, 60 days,
8 how long --

9 THE WITNESS: Yes. So it's during
10 construction you'll still see the red blinking lights.
11 But it's after all turbines are up and the project is
12 what is called COD, commercial operation -- commercial
13 operation date, it's after that point then it would
14 take like 30 to 60 days to train the system. What
15 that company has to do, they have to fly low flying
16 aircraft over the wind farm at various angles to make
17 sure that all of the lights are working correctly and
18 will be complying with that FAA standards.

19 MR. SHERMAN: Is it safe to say that
20 when one light's on -- I mean, once it's going and up
21 and running, 3 years, whatever, once one light's on
22 they're all on?

23 THE WITNESS: Yes. It's a default.
24 Yes, so like, let's say there was an issue with the

1 system, the default is always to have the light turn
2 on for safety reasons.

3 MR. SHERMAN: And that's the default?

4 THE WITNESS: That's the default is to
5 have the light on at night.

6 MR. SHERMAN: But they're not suppose to
7 be in default once things are in operation, correct?

8 THE WITNESS: That's correct, yes,
9 because we would have an ADLS system.

10 MR. SHERMAN: And kind of along that
11 same line, we've talked about before, the
12 helicopter's, the emergency helicopter's, do they --
13 I'm assuming they would activate the lights as well as
14 a plane would?

15 THE WITNESS: They would, yes, that
16 would be a low flying aircraft. So they would
17 activate the system.

18 MR. SHERMAN: Will there be any
19 communication between when these helicopters are
20 flying if they need to fly through the project
21 footprint that the wind turbines will be shut off?

22 THE WITNESS: That I don't know. I
23 don't know their flight path and I can't imagine
24 would --

1 MR. SHERMAN: Several of the westernmost
2 turbines will be in the pattern, I believe. Do you
3 know how many Coles County residents actually work for
4 White Construction?

5 THE WITNESS: I don't know that, sir.

6 MR. SHERMAN: And has White Construction
7 ever done any 644 foot tall wind turbines?

8 THE WITNESS: Yes, at Prosperity Wind.
9 It's a very similar turbine height, very similar
10 height. And what I testified to is why we had -- why
11 we chose them for this project, same size and
12 magnitude -- or size and output.

13 MR. SHERMAN: Very good. Thank you.
14 That's it.

15 THE WITNESS: Yes, sir. Thank you.

16 MR. KAINS: Thank you, Mr. Sherman. All
17 right. While we were having the discussion about the
18 contaminated soil Mr. Borgman raised his hand. Do you
19 have a comment or a question?

20 MR. BORGMAN: I was going to shed some
21 light on it.

22 MR. KAINS: Okay. Could you take the
23 microphone, please.

24 MR. BORGMAN: So I actually levied the

1 complaint against -- with the farmer who had dumped
2 the stuff about a half mile from our house. And then
3 the complaint went to the Coles County Health
4 Department. From there it was reported to the EPA.
5 So all my correspondence from there on were with the
6 EPA. So I know that the EPA was involved because I
7 did, in fact, talk to them. And then I've talked with
8 the Smiths extensively about it as well. So I do want
9 to check into it a little more with Coles County
10 Health, the formal complaint.

11 MR. KAINS: Who is your contact with the
12 Illinois EPA? Do you recall that person's name?

13 MR. BORGMAN: I can look it up and get
14 it to you all, yes.

15 MR. KAINS: Yes. Because I worked for
16 nearly six years at the Illinois EPA as one of their
17 legal counsel, this was a thousand years ago when I
18 was young and foolish. Now I'm just old and -- well.
19 And I know it takes some time for it to go from the
20 field office through the signoff process in their
21 legal division and their headquarters in the Bureau of
22 Land, and then to get to the Attorney General's
23 office. So it does not come as a surprise that maybe
24 the field office is aware of it but it hasn't gotten

1 to the legal department. So thank you. If you could
2 get the name of your contact with the field office --

3 MR. BORGMAN: Yes.

4 MR. KAINS: -- of EPA and give that to
5 Ms. Antonioli or Mr. Hess.

6 MR. BORGMAN: Okay.

7 MR. KAINS: Then, you know, we might get
8 more information or at least some kind of update.

9 MR. BORGMAN: The Coles County Sheriff's
10 Office may also have a record of it, because they
11 actually came out, that it was such a major, just
12 problem that the sheriff was involved with it. So
13 when the EPA came out I know that the sheriff was with
14 as well as I believe the lady with the Coles County
15 Health Department, whose name was Jim, I'm sure of
16 that so.

17 MR. KAINS: Okay. Very good. Thank
18 you, Mr. Borgman.

19 All right. Mr. Phipps is up next, but we're
20 going to take a break. It is 7:42. Let's come back
21 at 7:55. The Planning & Development Committee of the
22 Coles County Board is in recess until 7:55 p.m..
23 Thank you.

24 (A recess was taken at 7:42 p.m.)

1 (Resume at 7:57 p.m.)

2 MR. KAINS: Mr. Nathaniel Phipps, you
3 are next, sir, with questions for this witness.

4 Prior to your first question, again, do you
5 understand that you remain under oath and promise to
6 tell the truth.

7 THE WITNESS: Yes, sir.

8 MR. KAINS: Okay. Very good. All
9 right. Mr. Phipps, go right ahead with your questions
10 for Mr. Carlson, please.

11 MR. PHIPPS: Okay. A couple quick
12 questions. The one is somewhat personal, that you had
13 brought up growing up in Paxton and the wind farm
14 being constructed around the family farm. Just
15 general curiosity, was your family a participating
16 member in that project or did they benefit financially
17 from it?

18 THE WITNESS: No. No, they did not. We
19 can go back to that picture, turbines do look close,
20 but that was a -- that is a neighboring landowner. We
21 didn't have any part in the wind farm.

22 MR. PHIPPS: Okay. And I was just kind
23 of curious. They were talking about for sections
24 versus pay and not versus pay. And I've heard his

1 testimony so.

2 THE WITNESS: Yes. That's a fair
3 question.

4 MR. PHIPPS: The one question that I had
5 asked previously that was deferred to you was the
6 amount of concrete and cabling left in grounds upon
7 decommissioning. Could you elaborate on that or do
8 you have some sort of an order of magnitude. Is that,
9 you know, protected 5 feet down and they're 12 feet
10 deep. Is 60 percent of the concrete at any certain
11 site anticipated to stay in the ground?

12 THE WITNESS: Yes, that's a fair
13 estimate. It's -- first we're talking about the kind
14 of shape of that foundation, it's called a spread
15 footing foundation.

16 MR. PHIPPS: Wider at the base?

17 THE WITNESS: Wider at the base, comes
18 up, and then there's a pedestal that comes up that the
19 base of the tower is connected to. The pedestal is
20 mainly the piece that is jackhammered out and removed.
21 So that would go down 5 feet to the top of the spread
22 footing foundation.

23 MR. PHIPPS: And the vast majority of
24 the cabling then is going to be -- that that is just

1 abandoned in place?

2 THE WITNESS: And the cabling would be
3 abandoned in place, yes.

4 MR. PHIPPS: Is there any -- and I know
5 the industry is still somewhat young and that, but I'm
6 assuming there is -- is there any studies about that
7 as it decomposes and the shielding and everything
8 that --

9 THE WITNESS: I'm sure there is, but I
10 don't have any specifics on the long term there.

11 MR. PHIPPS: There was a lot of
12 conversation about the noise of the turbines
13 themselves. What about noise levels during
14 construction? What could an average resident expect
15 to be impacted by if there's going to be any number of
16 trucks, dozers, things of that nature?

17 THE WITNESS: Yes. So the heavy
18 equipment and vehicles, concrete trucks, rock trucks,
19 those would be some of your loudest, loudest movement
20 of vehicles. Drain work really won't be that loud. I
21 don't think you would really hear that unless you're
22 really paying attention and watching in evolution
23 someone could hear that. Mainly the concrete and the
24 rock trucks.

1 MR. PHIPPS: So is it safe to say that
2 construction is largely going to be more louder than
3 the actual operation of the program?

4 THE WITNESS: I would say so. But when
5 you think about the overall impacts, construction is a
6 temporary piece of this.

7 MR. PHIPPS: Living in the impact of the
8 footprint of this, there's three within a half mile of
9 my house and then several others kind of extend around
10 from that. How long -- I know the overall
11 construction of the site, but at any given one
12 location, let's say, six that are kind of connected in
13 that area. How long would that process be? Is that
14 going to be a full span of the construction project,
15 overlap the entire footprints, or is it northeast
16 we're going to start these and then work our way
17 south, or are you guys not far enough in that?

18 THE WITNESS: Yes, we're not far enough
19 along with that yet. But typically we do -- we would
20 start like north -- start north and work our way
21 south, or start south and work the way north. What's
22 neat about this project, I really like the
23 transportation layout here is the state road biceps
24 the whole project, and so that might determine a

1 different way of doing this. Gives some good
2 optimality to come off that state road to get to
3 various turbine sites on each -- public access roads.

4 MR. PHIPPS: Would that be something --
5 Oh, sorry.

6 THE WITNESS: I'm just saying it might
7 follow a little bit different. Prosperity Wind we
8 definitely had to start north and work south. We had
9 an interstate that cut through that project. It
10 wasn't state road so.

11 MR. PHIPPS: Would that be something you
12 guys would be interested or potentially explore being
13 able to reduce the impact on residents if this project
14 was to go -- you know, you guys do the work say east
15 of 130 in one portion just so that way, you know,
16 everybody's only getting 6 months of this, or is
17 the --

18 THE WITNESS: Yes, it's something we
19 could explore. I think it's too early to determine
20 that though.

21 MR. PHIPPS: Okay.

22 THE WITNESS: But there is -- if maybe
23 your question is like, let's say, it's just one
24 turbine in the project, like how long would that last.

1 I don't know, is that --

2 MR. PHIPPS: Basically just trying to
3 get a better understanding of how long we're going to
4 have to deal with the noise, construction, the
5 traffic, etc., and if there's any meanings or -- that
6 could be implemented to minimize that in any one given
7 site. So that way the northeast has it to deal with
8 it the first 6 months, and then obviously there's
9 going to be commissioning and everything that follows,
10 but just to minimize the overall impacts.

11 THE WITNESS: Well, the heaviest
12 construction with doing concrete, pouring, all the
13 rock, the road work and then the hauling rock out to
14 the private access roads, that whole phase is maybe 3
15 to 6 months. But everything else would be the heavy
16 crane work and final commissioning, the mechanical
17 completion.

18 MR. PHIPPS: Okay. A little bit of
19 background here referencing the Douglas County Project
20 that went up several years ago. My understanding from
21 talking to people in that area and some of the
22 township folks and everything is there were multiple
23 issues with people not using the traffic plan that
24 they were suppose to. Just like getting on roads and

1 things that they shouldn't have. Other than signage,
2 I guess, how will that be placed? You had mentioned
3 that, okay, if a sign's up, don't go down this, you
4 could get fined. But are you guys self-policing that,
5 or is that something, we'll back up because now, you
6 know, we're going to get in trouble for that?

7 THE WITNESS: Yes. Good question. Yes,
8 we're self-policing that. And then there are RUA
9 fines that are typical in the road use agreement. So,
10 yes, that's enough of an incentive not to do that. It
11 still can happen, yes.

12 MR. PHIPPS: Okay. Concerning work
13 hours, you had mentioned that you guys may work
14 weekends, does that include nights? Do you guys
15 typically do night work?

16 THE WITNESS: Not for all activities.
17 But once we get into turbine installation we follow a
18 process which is pretty typical in the industry we
19 call chasing the wind. You can find these windows of
20 low wind to then do your crane work. That could be
21 during the day, it could be at night, it could be a 3
22 day period over a weekend, it could be a 12 hour
23 period on a Sunday night. Like, whenever you find
24 that window, get that throughout for that 12 hour

1 shift.

2 MR. PHIPPS: It's safe to say you guys
3 would be utilizing light plans and things of that
4 nature that are, you know, going to be needed to
5 safely perform those, but also would impact the
6 surrounding neighbors?

7 THE WITNESS: That's correct. Yes, we
8 would need light plans if we're doing night
9 evolutions, yes. To draw the distinction, with like
10 Prosperity Wind, similar size project, we didn't have
11 to do that that often. There weren't that many
12 windows at night where we were putting people on,
13 people to work, but we did have light plans in place.

14 MR. PHIPPS: I guess to follow-up with
15 that question, how often do you guys -- looking at
16 Prosperity, how long do you guys -- how often do you
17 guys, rather, have to use light plans and extended
18 work hours?

19 THE WITNESS: It's really in those like
20 deep winter months where the wind is the highest, and
21 if you find a window, could be a day, two days or
22 three days of having people on nights. But, again, it
23 wasn't that often. I didn't really see it happen that
24 often.

1 MR. PHIPPS: This one, and I'm not sure
2 if you'll be able to answer or not, but back when
3 Ms. Anderson was testifying I had a question
4 concerning geomagnetic fields generated from current,
5 that was said that that is mainly only to do with
6 transmission lines. I guess, what is the current that
7 will be going through these cables? Because at what
8 point do you become a transmission line versus no,
9 that's just a cable. Like I said, I'm ignorant on
10 this.

11 THE WITNESS: Yes. So the collection
12 cables, they will be at a voltage 34.5 kV, kilovolts.
13 That voltage is stepped up at the substation before
14 the energy's transferred over to the switchyard onto
15 the grid, and that's stepped up to 345 KB, 345
16 kilobytes.

17 MR. PHIPPS: My last question is
18 concerning complaint resolution procedures or
19 processes. They've been alluded to several times.
20 But I guess when will transparency or somewhat of a
21 structure be provided with that?

22 THE WITNESS: Well, between now and the
23 building permit phase there would be complaint
24 resolution procedure developed, if it hasn't already

1 been.

2 MR. PHIPPS: And how would that -- and I
3 don't know if this is to you or to Apex at large, how
4 would that be presented to the public. Because I
5 don't know how much information flow we really get
6 once it's here.

7 THE WITNESS: Yes. So there will be --
8 there will be a project website and just like at
9 Prosperity, which you can look up that website right
10 now. Just type in Prosperity Wind, find the project
11 website. That will have a phone number or like
12 hotline on there, and that hotline will also be posted
13 at the project site for anyone that's driving by the
14 laydown yard, just call that number, and that -- what
15 it does is you call that hotline and then there's a
16 voicemail that then goes out for a wide range of
17 people that -- the various experts that can, like,
18 handle engineering problems. Then we sort it out, and
19 those -- any complaint that comes our way, like, we
20 address it as quickly as possible. But what I've seen
21 happen is like organically as the project construction
22 goes on, if there's a complaint, people typically end
23 up just finding out who the site manager or just swing
24 by the laydown yard, like, hey, I got this complaint,

1 like what can you do to help me. That's not primarily
2 what we're there for, but we are there to help address
3 issues.

4 MR. PHIPPS: Thank you for your time.

5 THE WITNESS: Yes, sir.

6 MR. KAINS: Very good. Thank you for
7 your questions, Mr. Phipps.

8 Any other questions from Coles or Douglas
9 County residents? Okay. Mr. Yoder and then
10 Ms. Petigo and then Ms. Winslow.

11 Go ahead, Mr. Yoder. Go right ahead with
12 your questions for Mr. Carlson, please.

13 MR. YODER: In your -- in your testimony
14 last night you shared you were in the service for a
15 while, so thank you. Appreciate that.

16 A couple questions regarding the construction
17 process. On our road specifically, 1700, there's a
18 small bridge that goes over a creek, as you referred
19 to previously, how are those dealt with bringing over
20 the cranes and stuff if they're not large enough to
21 handle the load?

22 THE WITNESS: Yes. So that's all part
23 of what we're working on now in the traffic impact
24 analysis. There's a whole bridge in box culvert study

1 that we have consultants that go out, inspect all
2 these bridges, they present their findings to the
3 County Board on any bridges that may not be in good
4 shape and then they'll advise us, do not go down this
5 road, and we'll work with the county engineer,
6 relevant township road commissioner to not go down
7 that road. There are -- there are bridges, though,
8 that we still like crossed in the past, we just use a
9 jump bridge or create a jump bridge, you know, to
10 still get across some of those that might be in a
11 degraded condition. That's to protect the bridge and
12 just for safety reasons for the general public.

13 MR. YODER: Okay. I think this was
14 previously mentioned already, but there was a machine
15 going around doing soil samples just this past
16 weekend. I noticed that the most recent soil sample
17 that was taken was approximately 115 feet closer to
18 our property, and I know -- is that intentional? Is
19 the site moving, being adjusted or what -- why was
20 that done closer than the previous sample?

21 THE WITNESS: Good question. I don't
22 know for that exact situation why they would have
23 cored that location.

24 MR. YODER: It seemed odd for them to be

1 close, that's why I'm bringing it up so.

2 Also along with the construction process, is
3 there inspections that take place either by a third
4 party or by Apex specifically regarding site? Just
5 site inspections, making sure everything is done
6 properly throughout the progress?

7 THE WITNESS: Yes. Yes, there's a third
8 party for the road use agreements. That's a big one
9 for inspecting the roads, making sure that they're
10 done for the standards set on road use agreements.
11 There's various third parties that are on the site for
12 many reasons, whether that's environmental or
13 surveying or other engineering work. So quite a few
14 people involved.

15 MR. YODER: Okay. Is that publically
16 available through the process, or is that just
17 something you guys use internally?

18 THE WITNESS: Like, who the names of the
19 contractors or --

20 MR. YODER: Just the reports that they
21 generate as far as their inspections.

22 THE WITNESS: That I don't know. I'm
23 not sure what we normally would or would not share.

24 MR. YODER: Okay. I didn't know if that

1 was something that Coles County would require to see
2 those reports before they say the roads have met --

3 THE WITNESS: Oh, well, like, if it was
4 part of the road use agreements, yes, that is --
5 that's all public.

6 MR. YODER: Okay. You also mentioned
7 that the soil would be stock piled and then leveled
8 off once the construction is complete. We're
9 generally pretty flat around here and so small changes
10 in the soil level, the grade can change the way the
11 field drains. And so I didn't know, was there any
12 consideration given to how that might affect the
13 drainage from the fields?

14 THE WITNESS: Yes. Good question. One
15 of the first activities we complete when we excavate
16 for a foundation is drain tile reroutes. More than
17 likely we're going to find drain tile in that
18 footprint. We reroute that tile around the base of
19 the turbine, reconnect it altogether and that promotes
20 drainage around that central location. And that's
21 exact for the reason you're bringing up. That's where
22 the most topsoil will be stock piled anyway.

23 MR. YODER: Got it. Okay. Another
24 question, maybe not specifically something that you

1 can answer, but for some reason if down the road a
2 turbine blade has to be replaced, is that something
3 that you overlook and what does that process look
4 like?

5 THE WITNESS: No. That wouldn't -- that
6 wouldn't be me doing that. There would be either GE
7 or Vestas would obviously very -- be very much
8 involved and then the Apex operation's team, what we
9 call asset management team. They would be heavily
10 involved in all the coordination to do that work.

11 MR. YODER: Okay. And one -- one final
12 point. It sounds like you're heavily involved in the
13 entire construction process, and with the importance
14 of your role specifically, if for some reason through
15 this process you weren't able to do your job, is there
16 a second in command that could potentially take your
17 place? Is that something that would delay things
18 significantly if it became a problem?

19 THE WITNESS: To simply answer your
20 question, yes, somebody else could step in. We have
21 some people that are way more knowledgeable than me
22 that have done many wind farms and would be very good
23 to fill my role. I would say for Prosperity Wind,
24 right as construction started we had our second baby,

1 that was -- that was a very busy time, but I had to be
2 out of the office for a little bit. I had tend to
3 family, so thankfully people really stepped in and did
4 great work.

5 MR. YODER: Okay. That's all the
6 questions I've got. Thank you.

7 MR. KAINS: Very good. Thank you,
8 Mr. Yoder.

9 All right. Ms. Pedigo. And you are Rhonda
10 Pedigo?

11 MS. PEDIGO: Yes. Rhonda Pedigo from
12 Coles County.

13 MR. KAINS: How do you spell your last
14 name again?

15 MS. PEDIGO: P-E-D-I-G-O.

16 MR. KAINS: Okay. Very good. Thank
17 you.

18 MS. PEDIGO: Okay. I just have a couple
19 questions for you. During your presentation you
20 talked about collection cables and that they're buried
21 underground. And I wondered how many feet they're
22 buried underground?

23 THE WITNESS: They're five feet
24 underground, five feet or deeper.

1 MS. PEDIGO: Okay. Is there a reason
2 for like why that is? Like, does the -- why those
3 collection cables, the depth, what's the reasoning?

4 THE WITNESS: The main reason is for
5 farming, for drain tile and we don't want, you know,
6 deep tillage equipment impacting the cabling over the
7 years. That would be the main reason. The deeper you
8 go down -- though there is a -- there is a downside to
9 electrical power generation, so it is a bit of a
10 balance. But five feet is a good middle ground for
11 these projects.

12 MS. PEDIGO: Okay. The reason I ask the
13 question of the why, I just wondered if it had
14 anything to do with the electromagnetic field that
15 those power voltage things put out?

16 THE WITNESS: No, it's not really that.
17 It's not really related to that, no.

18 MS. PEDIGO: Okay.

19 THE WITNESS: It's -- yes, it's not
20 related to that.

21 MS. PEDIGO: Okay. And my next
22 question. During the construction phase when you're
23 working on the turbines and you were just talking with
24 him about them being, maybe working in general areas,

1 you know, so say that you are someone who might have a
2 turbine on one side of your house and on the other
3 side of your house, how will -- how will I be
4 communicated with so I can get to and from work and
5 those sort of things?

6 THE WITNESS: Yes. Great question.
7 This comes up during -- during public road work.
8 Because if we're -- let's say, we're improving the
9 road to your house, we're just going to have to be in
10 contact with you directly and with the -- and with the
11 road contractor to make sure you get, you know, to
12 your house safely and to work safely. There's a lot
13 of communication during that process. But you've
14 probably seen chip and seal work go on.

15 MS. PEDIGO: Absolutely.

16 THE WITNESS: Yes. So it doesn't --
17 it's not like your road will be closed for weeks, you
18 know, it will be a few days, but they'll still let you
19 get to your house so. They -- they'd be more worried
20 about like large equipment going down that road and
21 rutting it out while -- while in the middle of road
22 construction, but a personal vehicle typically is no
23 issue getting to and from your home.

24 MS. PEDIGO: Okay. And how do you know

1 how to contact me?

2 THE WITNESS: So like I mentioned
3 before, the primary way that we get information out to
4 the community would be through -- through our website,
5 plan of the day updates. But we do place a big
6 emphasis, especially our public road coordinators,
7 like go out and talk to people. And like one of their
8 primary responsibilities during road construction is,
9 yes, there will be those temporary impacts for the
10 residents along those roads, but at the end of the day
11 the road will be improved so.

12 MS. PEDIGO: Right. Right. Now, like
13 if the -- like if they were going to do the -- you
14 said the oil and chip or whatever, like Mr. Matlin
15 would call me and be like, they're going to be doing
16 your road today, so then I would know, you know, okay,
17 well you should drive the old truck today, don't --
18 don't drive your sports car today or whatever, you
19 know, and so that was why I wondered how I would be
20 contacted.

21 THE WITNESS: Yes. The public road
22 coordinator used to go to people's houses and then,
23 you know, eventually get to know them well enough to
24 get their number and just keep them updated.

1 MS. PEDIGO: All right. Thank you. And
2 then the last question I had. You were talking about
3 the growing up near -- or not growing up, but your
4 family lived near a wind farm and that they weren't
5 participants. Do you know why that was?

6 THE WITNESS: Well, the landowner around
7 us was a pretty large landowner, I think they had like
8 ten turbines. It's not every single one that you see
9 here. I mean, there's more to -- like another side of
10 it, siting you can't see, but I think it was mainly
11 that. I mean, they were just a very large landowner.
12 It's not that my family didn't want to participate,
13 and at that point it was my grandparents that would
14 have been involved in that.

15 MS. PEDIGO: Okay.

16 THE WITNESS: From what I heard over the
17 years, I think they had a collection easement, a draft
18 form of that, but they never ended up putting a
19 collection line through their property. So they
20 seemed to be open to it, but this was many years ago.

21 MR. KAINS: They just weren't asked, is
22 that what you're saying?

23 THE WITNESS: I don't think so. I
24 actually don't -- don't remember, but.

1 MR. KAINS: Okay.

2 THE WITNESS: Yes.

3 MS. PEDIGO: Thank you for your time.

4 MR. KAINS: Thank you for your
5 questions, Ms. Petigo.

6 And, Ms. Winslow.

7 MS. WINSLOW: What are the different
8 things going on in our fields right now? Can you name
9 what they're doing besides coring and -- do you know?

10 THE WITNESS: They're planting corn and
11 soybeans. Is that what you're --

12 MS. WINSLOW: No. Apex, what are the
13 contractors that you guys are using that we're seeing
14 different equipment now out to the fields and flags?

15 THE WITNESS: Oh, that's for the -- what
16 we call geotech. So they're getting soil samples for
17 ensuring that the turbine -- the turbine foundations
18 can be constructed where we -- where we did those --
19 where we did those -- where we did those borings or
20 soil samples. Then they'll take all that information
21 back -- all the samples back to the lab and test
22 everything and make sure it's adequate, the soil's
23 adequate to handle the load of the turbine and turbine
24 foundation.

1 MS. WINSLOW: Will there be any other
2 contractors like that, or is that the only one?

3 THE WITNESS: At this phase maybe some
4 surveying, maybe some more geotech, but not much else
5 until you get into the public road work.

6 MS. WINSLOW: Remind me of the
7 difference between your job and Mr. Alan Moore's job.
8 I'm kind of confused on what the two of you do
9 differently and what -- if there's anything similar?

10 THE WITNESS: Yes. So my role, I'm
11 really -- my new job title is focused on the
12 construction phase of the project. There's a lot that
13 goes into it before you jump into construction. Like
14 I said, it wouldn't be prudent for me to show up day
15 one and not know anything else about the project, and
16 say, oh, I'm the guy to lead the way. But there's a
17 lot that I do in this phase when it comes to all the
18 engineering, finalizing all the engineering,
19 contracts, working with the utility, other permitting,
20 all kinds of things like that. And then in
21 construction, overseeing day to day operations, and I
22 talked about that before, all the different facets.

23 Mr. Alan Moore's job is he's the lead
24 developer for the project, development manager,

1 development director. He is -- he's overseeing this
2 whole process, like the very large process that goes
3 into permitting a wind farm, and that starts, as you
4 guys know, many years before we even stepped into this
5 room, by talking to landowners, coming to agreements
6 with leases. He's also received a lot of the
7 engineering, the permitting, there's a lot into it.
8 The transmission capacity of the area, to make sure
9 the project could fit. Alan and his team, they stay
10 on through the project construction too because they
11 develop relationships over time that we never would
12 during the project construction. Maybe some people do
13 over the -- over the one year that we're on site get
14 to know people pretty well. But Alan knows quite a
15 few people very well and that -- I know it might be
16 difficult for people if -- you know, if a construction
17 team shows up and then Alan -- you never hear from him
18 again, right. So there is lot of overlap and we take
19 that seriously.

20 Did I articulate that okay, Alan. I'm not
21 doing you service. I think you do a lot of work.

22 MR. MOORE: No, that's great.

23 MR. KAINS: Go ahead, Ms. Winslow, do
24 you have any more questions for the witness?

1 MS. WINSLOW: Yes. Are there any
2 pipelines besides the Marathon that I've mentioned to
3 you that you guys are close or have to deal with that
4 you know of?

5 THE WITNESS: Not that I know of. I
6 haven't jumped too deep into that yet. My toes are
7 just getting wet on all of this, and I knew about the
8 Marathon. I might need some help if there's others.
9 Maybe there's local utilities, like smaller gas lines
10 that Ameren would operate. I don't think there's any
11 other larger pipelines or natural gas lines.

12 MS. WINSLOW: Do you work with the area
13 Embarras Water District and our water lines that run
14 through the country?

15 THE WITNESS: Yes, we'd have to work
16 with them. We have a project coordinator that solely
17 deals with multiple crossing agreements. And a
18 crossing agreement is when you have a -- your
19 collection line is buried underneath another line,
20 like a water line, and that's all in the works, and
21 some of those are completed and agreed to, yes.

22 MS. WINSLOW: You mentioned road
23 signage, who pays for those extra signs?

24 THE WITNESS: That's on us. That's on

1 Apex.

2 MS. WINSLOW: You stated in a previous
3 project that utilized several drain tile contractors,
4 and so how many contractors do you think were used and
5 how many total either drainage tile had to be
6 repaired?

7 THE WITNESS: So at Prosperity Wind we
8 had three drain tile contractors. Total linear feet
9 of tile repairs was probably, don't be alarmed, but
10 about 10,000 feet, and we repaired it all.

11 MS. WINSLOW: When you have to repair a
12 tile or find there's a problem, do you take time to
13 contact other farmers their fields connect into that
14 tile?

15 THE WITNESS: Yes. If it was a shared
16 tile system, yes. But I haven't seen many issues that
17 come from, you know, those interconnections between
18 fields. But obviously if something did come up, there
19 was an issue, we would address it right away. And
20 we've done the same at Prosperity, we're doing that, I
21 wouldn't say like today we were doing that, but in the
22 last few weeks we've had a few drain tile repairs that
23 we completed last year. But as you know, the winter
24 came and went, now the springtime's here and drainage

1 issues start to pop up, so we had to repair -- re
2 repair a few locations.

3 MS. WINSLOW: Right. And so the farmer
4 just recontacts you if it's still a problem?

5 THE WITNESS: Yes, they do.

6 MS. WINSLOW: You said you had to
7 shutdown the project for safety, what was going on
8 that the project was shutdown, and how long was it
9 shutdown?

10 THE WITNESS: So the -- we talked about
11 this in some of the first few nights about the
12 concrete truck rollover and that was a tragic
13 incident. That was an A-1, that was a full site
14 safety stand down two days. We had another guy that,
15 he just kept going too fast on site, we just kicked
16 him off. Led to lots of arguments, but get out of
17 here, you know, you keep violating, we can't have that
18 here. So we do hold them by standard.

19 MS. WINSLOW: What does laydown yard
20 mean? Can you explain better.

21 THE WITNESS: Yes, so laydown yard is
22 where we store all of our equipment and material to
23 build the project. You have -- you'll see various
24 conex boxes, like shipping containers that would be

1 sitting in the laydown yard, and you'll see some
2 bulldozers, all the work trucks, the office trailers
3 for each contractor and for Apex. And also would
4 store like rock needed for the roadway improvements.

5 MS. WINSLOW: Okay. I did wonder why
6 they chose the location they did for the laydown yard
7 since it's right there at the intersection of 130 and
8 the highway that goes through Fairgrange, Bushton,
9 Reardon, and it has times where it's busy enough
10 between people going to work, school buses, besides
11 the grain elevator has built extra bins now because
12 some of the other elevators have closed, TGM is
13 continuing to get bigger there. How -- I was just
14 wondering if you or someone knows why they didn't pick
15 another location, say, across one side or the other,
16 or north or south of that spot so it wasn't such a
17 busy area. Because sometimes in harvest season if
18 there's a lot going on at the same time semis can be
19 backed clear up to the highway waiting to get in.

20 THE WITNESS: I personally don't know
21 why that location was chosen, other than the landowner
22 was willing to, you know, have a lease with Apex for
23 that area. We do like having the laydown yard off of
24 a -- off of a main road or state road, that is

1 typical. It worked out well at Prosperity Wind, also
2 a busy road, like I mentioned. But I can't speak
3 exactly to why this location was chosen.

4 MS. WINSLOW: That's all my questions.
5 Thank you.

6 MR. KAINS: Very good. Thank you,
7 Ms. Winslow.

8 Any other questions from residents of Coles
9 and Douglas Counties?

10 (No response.)

11 MR. KAINS: Questions from folks from
12 other counties. Mr. Cronkhite.

13 MR. CRONKHITE: You had stated at some
14 point installation of detector system, and then the
15 radios. Can you explain that.

16 THE WITNESS: A detector system in the
17 what?

18 MR. CRONKHITE: In -- in this
19 installation. You have a radar system that's going to
20 check for towers that's going to off the lights.

21 THE WITNESS: Oh, oh, yes. A Radar
22 system called the aircraft detection lighting system.

23 MR. CRONKHITE: How -- I'm kind of
24 unfamiliar with these, how radical are they? How

1 powerful are they?

2 THE WITNESS: So they're looking out --
3 I guess my best analogy, you think of like a snow
4 globe. A snow globe over the project, and it's
5 looking out three nautical miles beyond the footprint
6 of the project. So they're not that powerful.
7 They're not looking out over the entire country or
8 multiple counties. And if you look up the system
9 that -- one that we typically use is called Detect,
10 and you can see it also at Prosperity Wind if you
11 drive by, it's a very small radar, very small.

12 MR. CRONKHITE: So there is no effects
13 on people who live next to it?

14 THE WITNESS: No. And we don't -- we
15 don't place them next to people's homes either.

16 MR. CRONKHITE: Okay. So none of these
17 reach any of the homes? There's no radar from any of
18 these systems that reach anybody?

19 THE WITNESS: You're saying no
20 electromagnetic frequency of the radar system?

21 MR. CRONKHITE: Well, I'm talking about
22 any kind of frequency from a radar system.

23 THE WITNESS: That radar is -- like I
24 said, it has the footprints, it's permitted by the

1 FAA.

2 MR. CRONKHITE: You really don't know.
3 Okay. This was early on in your presentation, alpha,
4 bravo and there was something else, there were three
5 parts. What was that third one?

6 THE WITNESS: Alpha, bravo and Charlie,
7 it's just military innuendo for A, B and C phasing.

8 MR. CRONKHITE: All right. When you
9 have a broken blade, does it emit polyps, or what
10 does --

11 THE WITNESS: I don't know anything
12 about that.

13 MR. CRONKHITE: Okay. Well, I'll just
14 go then onto something else then. Now, this is one
15 question that nobody has been able to resolve and give
16 us an answer to. How much wind does it take to
17 generate power? When do these wind turbines begin to
18 output power?

19 THE WITNESS: Yes. So there's a cut in
20 speed, I think it's close to 3 meters per second.

21 MR. CRONKHITE: Which is what per miles
22 an hour? We don't know -- nobody in this room seems
23 to know what that is. We need to have it in miles per
24 hour.

1 THE WITNESS: I might need some help
2 here.

3 MR. KAINS: Hang on a second.
4 Mr. Moore, are you trying to do a calculation?

5 MR. MOORE: Yes, sir.

6 MR. KAINS: Okay. He can do a
7 calculation. Mr. Cronkhite, why don't you go ahead
8 with another question and then we'll have --

9 MR. MOORE: It's between 6 and 7 miles
10 per hour.

11 MR. KAINS: 6 and 7 miles -- between 6
12 and 7 miles an hour.

13 MR. CRONKHITE: Okay. 6 and 7 miles an
14 hour. Now, is that wind turbine start generating
15 electricity?

16 THE WITNESS: Yes.

17 MR. CRONKHITE: Really? Oh.

18 THE WITNESS: Yes. Yes. In a turbine
19 like this it would be roughly a 6 megawatt output, so
20 at those lower wind speeds, you start ramping up,
21 would be like in a 1 megawatt range, whenever you
22 start a ramp up.

23 MR. CRONKHITE: Okay. So they operate
24 at 6 and 7 miles an hour. That's interesting. And

1 also the last question I really have was based on your
2 last -- spores released and how somebody -- the --
3 when we're talking about reporting this, they had
4 mentioned nanslug (phonetic), do you know what they're
5 talking about on that?

6 THE WITNESS: No, I don't.

7 MR. CRONKHITE: Okay. All right.

8 That's it.

9 MR. KAINS: Very good. Thank you,
10 Mr. Cronkhite.

11 Ms. Miller.

12 MS. MILLER: Becky Miller, Vermilion
13 County. I apologize because I missed the earlier
14 nights of the hearings, not feeling very well.

15 They talked about wells a little bit. What
16 do you use to identify the wells in the area? Do you
17 go off the state with the -- I think the state of
18 Illinois has a -- some kind of log of wells. Is that
19 what you all used? Because there's a lot of farms
20 with more than one well, they might have older wells,
21 they use them when they do their spraying and use home
22 wells. What do you all use to identify wells.

23 THE WITNESS: To identify wells. That's
24 typically identified in our civil design, which is a

1 very robust process. There's a lot of triggers that
2 are put on these maps for us to be able to design, and
3 wells are part of that. But we typically don't find a
4 well or see a well out in the middle of a field a
5 quarter mile from someone's house.

6 MS. MILLER: Okay. Well, that's my
7 concern. Because in Vermilion County there are a lot
8 of wells that are not on those state maps, because, if
9 memory serves me right, in the -- maybe the '80s the
10 state required everyone to record their wells and I
11 know most farmers did not report that, all those
12 wells. So if -- do you all have the manpower to
13 actually do a further inspection of all this footprint
14 to make sure you do identify all the possible wells
15 that are out there? Because there will be some out in
16 the middle of a field.

17 THE WITNESS: Yes, we would. There
18 would be -- I just don't know the databases that our
19 civil design team would pull from. But I'm sure
20 there's multiple -- I can't imagine there would just
21 be one database. There might be other things that the
22 county, like an individual county has.

23 MS. MILLER: Yes. I don't know, that's
24 why I'm asking. I'm also curious, you mentioned good

1 neighbor agreements, could you tell me exactly -- and
2 maybe you're not the right person, what exactly is a
3 good neighbor agreement? What's that mean?

4 THE WITNESS: I really can't answer that
5 one but.

6 MR. KAINS: Mr. Hess.

7 MR. HESS: I would respectfully object.
8 It's beyond the scope of his testimony. And as we
9 covered, they're actually in the application and I
10 believe it's Appendix B4 and B5.

11 MR. KAINS: Appendix B4 and B5 in the
12 application would have a template?

13 MR. HESS: Yes, sir.

14 MR. KAINS: Of a good neighbor
15 agreement. So the objection is sustained. Ask
16 another question, please.

17 MS. MILLER: Okay. Well, I'm going to
18 ask another good neighbor question.

19 MR. KAINS: Sure.

20 MS. MILLER: If someone is not
21 participating, like, they haven't signed up for a
22 turbine, but they signed a good neighbor agreement,
23 but this person over here doesn't sign a good neighbor
24 agreement, does that affect the road usage or how

1 they're treated or their notifications or anything
2 like that?

3 THE WITNESS: No, not for road usage
4 notifications. We wouldn't view anybody any
5 differently in the project construction phase, no.

6 MS. MILLER: Okay. Thank you.

7 THE WITNESS: Or throughout operations
8 for that matter.

9 MS. MILLER: Okay. Thank you.

10 MR. KAINS: Thank you, Ms. Miller.

11 Any other questions from anyone in the public
12 for Mr. Carlson?

13 (No response.)

14 MR. KAINS: Very good. All right.
15 Questions from Coles County staff and consultants,
16 Executive Director of the Coles Planning Commission,
17 Mr. Lockhart.

18 MR. LOCKHART: No, thank you.

19 MR. KAINS: Nothing. All right.
20 Mr. Keyt, to you.

21 MR. KEYT: Yes. I've got just a few.

22 **CROSS-EXAMINATION,**

23 **QUESTIONS BY MR. ANDREW J. KEYT:**

24 Q. You indicated earlier, there was a

1 question about who has authority to shutdown the
2 roads, and I think your answer was we may have --
3 meaning Apex may have the authority to shutdown the
4 road, but I think you would agree that in terms of
5 whether or not a road is going to remain open or
6 closed, the ultimate authority is whoever the road
7 commissioner is; is that fair?

8 A. That is fair.

9 Q. It could also be subject to law
10 enforcement decision on whether a road needs to remain
11 open or closed; is that fair?

12 A. That's correct.

13 Q. It could also be subject to emergency
14 management decisions on whether or not to leave a road
15 open or closed; is that fair?

16 A. Yes, sir.

17 Q. Okay. In terms of water usage for the
18 construction of the facility, it sounds like at this
19 juncture there's not a decision made on whether or not
20 to bring water in from another source or have a well
21 that is utilized to draw water from or say a batch
22 plant; is that fair?

23 A. That's -- that's fair. Caveat, I'm
24 already leaning towards bringing water in rather than

1 well.

2 Q. Understood. But the question is whether
3 or not the decision has been made --

4 A. The decision has not been made.

5 Q. If there was a well that was installed,
6 if there was an impact to neighboring or adjacent
7 wells due to the utilization of water from that well
8 that Apex is using, fair to say Apex would be willing
9 to then provide other sources of water for people that
10 may have impacts to their wells, fair?

11 A. Yes, absolutely.

12 Q. If there is impacts to the wells, say a
13 negative impact to the well, a neighbor's well,
14 whether it's water usage or something else, Apex would
15 be willing to make that -- make them whole for their
16 well?

17 A. Yes.

18 Q. And in terms of -- you kind of mentioned
19 the road use agreement, the road use agreement just so
20 that everybody understands, as you understand it, the
21 road use agreement gets negotiated, it's a condition
22 to the building permit that the road use agreements
23 for all authorities be in place prior to the issuance
24 of the building permit; is that fair?

1 A. Yes.

2 Q. Is it fair to say you agree that Apex
3 would agree that if a road of jurisdiction was going
4 to have roads that were going to be utilized for
5 construction and there wasn't a road use agreement in
6 place with that authority when Apex came for a
7 building permit the building permit would be rejected;
8 is that fair?

9 A. Yes, sir.

10 Q. I think you mentioned it, but I assume
11 you're familiar with the manual on uniform traffic
12 control devices?

13 A. No. I know of it, but not many details
14 of it.

15 Q. Understood. In terms of your -- I think
16 you kind of mentioned, although I don't know that it's
17 all that pertinent, but in terms of you -- you
18 somewhat mentioned how the regional transmission
19 operators work or regional transmission organizations
20 work, but essentially the country's divided into a
21 series of grids, with the exception of Texas. All of
22 the grids are connected in some way or another, fair?

23 A. Yes, sir.

24 Q. Also aside from Hawaii. Okay. In the

1 instance where those -- where one grid may be down,
2 for example, the MISO grid in this region would pull
3 from some area to the east, like with PJM; is that
4 fair?

5 A. PJM, yes, sir.

6 Q. At this juncture is there a project
7 labor agreement in place?

8 A. I don't think so.

9 Q. Okay.

10 MR. KEYT: I think that's all the
11 questions I have. Thank you.

12 THE WITNESS: Thank you, sir.

13 MR. KAINS: Very good. Thank you,
14 Mr. Keyt.

15 Redirect examination, Ms. Shapiro.

16 MS. SHAPIRO: Yes. Just a few.

17 **REDIRECT EXAMINATION,**

18 **QUESTIONS BY MS. ATHENA SHAPIRO:**

19 Q. Last night Mr. Kains asked you several
20 questions and tonight you've got several questions
21 about Prosperity Wind. And you testified that about
22 40 turbines are fully constructed and operating. Do
23 you remember that portion from yesterday?

24 A. Yes.

1 Q. So I want to ask you some questions
2 about those turbines are already spinning at
3 Prosperity. Is it fair to say that we've had a few
4 months of turbines spinning at Prosperity?

5 A. Yes.

6 Q. And when did they start spinning?

7 A. In January, January 6th was the first
8 one to go online.

9 Q. January 6th of what year?

10 A. 2025.

11 Q. Okay. As the senior project manager for
12 Prosperity Wind which is what your role would be here
13 at Coles Wind, if someone in the community had a
14 complaint at Prosperity would that complaint come to
15 you or would you know about that complaint?

16 A. Yes, I would see it nearly immediately.

17 Q. So then my next question is, have there
18 been any? Since early January has anyone in the
19 community at Prosperity Wind complained about sleep
20 issues, for example?

21 A. No.

22 Q. What about shadow flicker issues?

23 A. No.

24 Q. I'm almost done. Headaches, dizziness,

1 nausea, all the questions that have come up over the
2 course of this hearing?

3 A. No.

4 Q. Has anyone in the community complained
5 about ground vibrations?

6 A. No.

7 Q. Or other sound issues?

8 A. No.

9 Q. Okay. So have you gotten any kind of
10 complaints while you've been the senior project
11 manager at Prosperity?

12 A. We have received complaints, but nothing
13 of that nature.

14 Q. What -- what complaints have you
15 received?

16 A. The -- it's really only been a few, and
17 I've looked at some these recently. During -- during
18 the road construction phase people complained, oh,
19 my -- I can't access my driveway or you need to
20 regrade my driveway and something like that might have
21 come up, or my mailbox, I want it removed and then put
22 in a new place, been having complaints like that. We
23 had complaints about the FAA lighting, so the red
24 blinking lights, which I talked about. We've had

1 complaints both ways, that they were on, but also that
2 they were off. And so one night we had somebody go
3 back out to the site and like make sure they actually
4 were on because they're required to be on, and they
5 were on. I think it was just a misunderstanding. Had
6 a complaint on like a culvert that got filled in near
7 someone's house. We just went out and pulled all the
8 dirt out near that culvert. And the complaints seem
9 to be more centered more around the construction of
10 the public roads, but other than that it hasn't
11 been -- we didn't have many, to be honest.

12 Q. And how did these complaints come in?

13 A. Yes. So it's through that hotline I
14 talked about which then goes into an automated system
15 that is an email that goes out to various people and I
16 always end up seeing those and get people on the case
17 right away.

18 MS. SHAPIRO: Thank you. No further
19 questions.

20 MR. KAINS: All right. Very good.
21 Thank you. All right. Final questions for the
22 witness come from Members of the Committee.
23 Mr. Chairman.

24 MR. WATTS: Just a couple questions. Do

1 I remember you saying that the roads that have built
2 up and improved, that the future maintenance of those
3 are negotiated a year after with the county?

4 THE WITNESS: With the county, yes. So
5 typically we would do like a post-construction service
6 repair. And it's worked out well because we leave it
7 in the hands of the county, they're the experts at
8 doing their own road work, especially like a chip and
9 seal.

10 MR. WATTS: Okay. They work with our
11 engineer and come to the Committee?

12 THE WITNESS: Yes, sir.

13 MR. WATTS: And then also regarding the
14 board, is there any point or occurrence in the
15 complaint resolution where the county might be
16 involved other than the default when, you know,
17 something isn't worked out?

18 THE WITNESS: I could see that happening
19 maybe on extreme cases.

20 MR. WATTS: So have you had experience
21 with anything like that?

22 THE WITNESS: Well, at Prosperity we
23 ended up going back to the County Board to increase
24 our working hours there. We were -- we were fairly

1 restricted in our working hours on that project. So
2 we went back to them, and there was back and forth for
3 a month or two on that. That's one example. So it
4 was permit condition related.

5 MR. WATTS: All right. Thank you.

6 THE WITNESS: Yes, sir.

7 MR. KAINS: Thank you, Mr. Chairman.

8 Any other questions from Members of the Committee?

9 Mr. Keyt, I thought you had pulled the
10 microphone up. Do you have something?

11 MR. KEYT: No, I don't.

12 MR. KAINS: Okay. All right. No other
13 questions for this witness from Members of the
14 Committee?

15 (No response.)

16 MR. KAINS: Thank you, Mr. Carlson, for
17 your testimony. You may step down.

18 THE WITNESS: Thank you.

19 (Witness excused.)

20 MR. KAINS: Now, it's my understanding,
21 counsel, that this is the final subject matter witness
22 for your case in chief?

23 MR. HESS: Yes, sir.

24 MR. KAINS: Okay. And do you have --

1 it's too late now to start another witness. Who else
2 do you have?

3 MR. HESS: We have four supporters who
4 are prepared to give very brief testimony. Each one
5 of their testimony, now, I can't control the
6 questioning, will be five minutes or less.

7 MR. KAINS: Okay. And then after those
8 four then you're done with your case in chief.

9 MR. HESS: Unless there's anyone else
10 who wishes to testify that I don't know about. But,
11 to the best of my knowledge, yes, sir.

12 MR. KAINS: Okay. And then after that I
13 think we ought to take up -- well, we ought take up
14 admission of exhibits at some point, but maybe that
15 would be the right time, but I want to do it as soon
16 after you rest your case.

17 MR. HESS: Yes, sir.

18 MR. KAINS: So then tomorrow evening we
19 will hear from folks who are in support of the
20 application, and then if we get through those four
21 witnesses and any other witnesses who are in favor of
22 this project, then we will go to folks who are
23 opposed. And, again, you know, consider what I said
24 at the outset tonight about whether you want to

1 testify or whether you want to just go for a five
2 minute public comment. And either way is fine. You
3 know, some people have had, you know, great
4 experiences, some people not so much. It just
5 depends. I think sometimes it depends on if you're an
6 introvert or an extrovert.

7 But, Mr. Sherman, you had your hand up.

8 MR. SHERMAN: Just a question regarding
9 that, will the comments and the testimony be all mixed
10 up, or is there a section for the testimony and then a
11 section for comments?

12 MR. KAINS: We're going to first have
13 testimony from folks who support it, then from folks
14 who are opposed, and then folks who are neutral. Then
15 after that, later on in the hearing we will have
16 public comment. And so the testimony will all be
17 grouped together and the public comment, and reading
18 of written comments will all be grouped together. But
19 that's a very, very good question.

20 Yes, Mr. Phipps.

21 MR. PHIPPS: I apologize, I wasn't --
22 with work schedules I can't get here right at six. So
23 could you just briefly summarize what I missed.

24 MR. KAINS: How about if you and I just

1 have that conversation.

2 MR. PHIPPS: Okay. Thank you.

3 MR. KAINS: I have time afterwards, if
4 you have time afterwards. I know you have a family.
5 My wife is asleep before I get home. So it doesn't
6 matter how long I stay so.

7 MR. PHIPPS: I'll be brief.

8 MR. KAINS: You may be brief but I'm a
9 lawyer so I may not be.

10 All right. Any other matters from the
11 Applicant?

12 MR. HESS: No, sir.

13 MR. KAINS: All right. Mr. Keyt, do you
14 have anything?

15 MR. KEYT: No, sir.

16 MR. KAINS: Okay. And one other thing,
17 because tomorrow night I don't think we're going to
18 get done. So we need to ponder additional dates.
19 From what Mrs. Atkinson, the court reporter tells me
20 we have some dates already identified, is that true,
21 Mr. Keyt?

22 MR. KEYT: I think there may have been
23 some before, but I don't think we came to -- there's
24 no reason -- let's take this up.

1 MR. KAINS: Okay. But tomorrow night
2 we're going to take up one or two -- the prospect of
3 one or two additional dates to conclude this public
4 hearing. So be thinking about May. I have to finish
5 Livingston County's hearing, that's where I'm going to
6 be next week.

7 All right. Gentlemen, thank you. And the
8 Planning & Development Committee of the Coles County
9 Board is in recess until tomorrow evening at 6:00
10 p.m., in this courtroom at the Coles County Courthouse
11 on Jackson Street in Charleston. Thank you.

12 (Cause adjourned.)

13 WHICH WERE ALL THE PROCEEDINGS MADE OF RECORD IN THIS
14 CAUSE ON SAID DAY.

C E R T I F I C A T E

I, Jamie S. Atkinson, Official Court Reporter
in and for the County of Vermilion, State of Illinois,
do hereby certify that the foregoing to be a true and
accurate transcript of the proceedings had in the
before-entitled cause on said day.

Dated this 29th day of May, 2024.

Jamie S. Atkinson, CSR
Official Court Reporter
License No. 084-004156

\$	17th [1] - 32:15 1800 [4] - 33:10, 35:13, 43:11, 43:15 1900 [2] - 43:11, 44:8 19th [1] - 66:19	44:3 51 [2] - 17:11, 44:7 52 [2] - 53:20, 54:22 57 [2] - 75:14 5:00 [1] - 70:19	93:1, 93:3 abide [1] - 80:16 able [12] - 35:9, 74:22, 80:23, 81:1, 82:4, 83:1, 83:10, 95:13, 99:2, 105:15, 120:15, 123:2 absolutely [6] - 31:1, 46:15, 47:3, 81:21, 108:15, 127:11 access [1] - 95:3 access [8] - 35:11, 36:9, 41:8, 54:6, 86:3, 96:14, 131:19 accurate [2] - 60:13, 139:7 acre [1] - 26:9 ACTION [1] - 1:5 activate [2] - 87:13, 87:17 active [3] - 8:11, 30:7, 38:3 actively [1] - 10:11 activities [5] - 40:19, 70:24, 71:10, 97:16, 104:15 actual [1] - 94:3 ADAM [1] - 3:3 add [1] - 39:6 addition [1] - 40:22 additional [5] - 37:9, 40:24, 81:11, 137:18, 138:3 address [6] - 57:14, 68:1, 81:4, 100:20, 101:2, 115:19 addressed [2] - 43:1, 65:4 adequate [2] - 111:22, 111:23 adjacent [1] - 127:6 adjective [1] - 4:20 adjourned [1] - 138:12 adjusted [1] - 102:19 adjustments [1] - 38:20 ADLS [3] - 64:10, 86:5, 87:9 admission [1] - 135:14 advise [1] - 102:4 aerodynamically [1] - 62:5 affect [2] - 104:12, 124:24 affected [2] - 46:19, 48:1 afield [1] - 66:24 afterwards [3] - 7:10,	137:3, 137:4 Agency [1] - 8:10 aggregate [1] - 41:1 ago [5] - 20:23, 39:20, 89:17, 96:20, 110:20 agree [6] - 68:9, 81:24, 84:16, 126:4, 128:2, 128:3 agreed [1] - 114:21 agreement [33] - 10:11, 21:8, 35:3, 35:19, 36:1, 36:6, 36:17, 41:13, 45:19, 46:4, 46:8, 46:19, 46:24, 47:6, 47:16, 53:14, 53:20, 53:24, 54:1, 54:16, 63:2, 67:17, 97:9, 114:18, 124:3, 124:15, 124:22, 124:24, 127:19, 127:21, 128:5, 129:7 agreements [15] - 38:14, 41:20, 45:14, 47:2, 47:22, 53:13, 54:9, 66:16, 103:8, 103:10, 104:4, 113:5, 114:17, 124:1, 127:22 agricultural [1] - 22:4 ahead [14] - 11:12, 12:4, 26:11, 27:13, 31:1, 32:13, 52:2, 58:9, 84:7, 91:9, 101:11, 113:23, 121:7 air [2] - 19:2, 48:21 aircraft [3] - 86:16, 87:16, 118:22 akeyt@heyloyroster. com [1] - 2:19 Alan [7] - 2:18, 112:7, 112:23, 113:9, 113:14, 113:17, 113:20 alarmed [1] - 115:9 Alex [1] - 2:17 ALL [1] - 138:13 allegiance [2] - 4:7, 4:8 allowances [1] - 69:17 alluded [1] - 99:19 almost [2] - 39:20, 130:24 alpha [2] - 120:3, 120:6 altogether [1] - 104:19 Ameren [8] - 62:22,
\$200 [1] - 10:11				
'				
'25 [1] - 53:15 '80s [1] - 123:9				
0	2 2 [3] - 34:9, 45:6, 58:11 20 [2] - 50:10, 50:16 2023 [1] - 32:15 2024 [6] - 30:8, 30:11, 32:5, 72:18, 82:24, 139:9 2025 [2] - 1:11, 130:10 217 [1] - 1:22 22902 [1] - 2:13 23 [1] - 1:11 233 [2] - 2:5, 2:8 29th [1] - 139:9	6 6 [10] - 19:23, 95:16, 96:8, 96:15, 121:9, 121:11, 121:13, 121:19, 121:24 6.9 [2] - 49:19, 50:3 60 [5] - 7:19, 14:16, 86:7, 86:14, 92:10 600 [1] - 18:14 60606 [2] - 2:6, 2:9 61601 [1] - 2:19 62 [1] - 44:6 644 [1] - 88:7 6:00 [3] - 1:12, 70:18, 138:9 6th [2] - 130:7, 130:9		
084-004156 [2] - 1:21, 139:17				
1	3 3 [6] - 44:15, 72:9, 86:21, 96:14, 97:21, 120:20 3,000 [1] - 34:8 3.5 [1] - 44:23 30 [4] - 57:17, 59:14, 86:7, 86:14 300 [2] - 2:18, 40:19 33 [1] - 17:8 34.5 [1] - 99:12 345 [2] - 99:15 3:00 [1] - 21:17	7 7 [11] - 44:11, 45:15, 71:14, 71:16, 71:21, 75:11, 121:9, 121:11, 121:12, 121:13, 121:24 7100 [2] - 2:5, 2:8 75 [1] - 24:2 7:42 [2] - 90:20, 90:24 7:55 [2] - 90:21, 90:22 7:57 [1] - 91:1		
1 [1] - 121:21 1,000 [7] - 14:17, 17:11, 19:14, 19:17, 19:20, 34:2 1,400 [1] - 34:6 10 [5] - 19:13, 19:16, 34:3, 43:19 10,000 [1] - 115:10 100 [7] - 19:15, 19:16, 19:21, 40:17, 46:3, 57:16, 64:17 100-pager [1] - 46:9 1000 [2] - 75:18, 76:2 11 [2] - 43:18, 43:20 115 [1] - 102:17 12 [8] - 30:8, 30:9, 30:11, 32:5, 58:5, 92:9, 97:22, 97:24 120 [1] - 2:12 1200 [1] - 25:20 125 [1] - 3:5 129 [1] - 3:5 13 [1] - 43:20 130 [12] - 21:3, 25:15, 33:19, 43:23, 43:24, 44:15, 45:8, 75:21, 75:23, 76:2, 95:15, 117:7 133 [2] - 75:14 14 [5] - 34:4, 43:14, 43:19, 72:21, 72:22 1400 [1] - 43:20 15 [4] - 13:11, 43:19, 49:20, 72:22 150 [1] - 77:18 1500 [1] - 43:19 15th [3] - 49:20, 50:17 16 [2] - 21:15, 43:18 1600 [1] - 43:19 17 [1] - 43:15 1700 [2] - 43:18, 101:17 1775 [1] - 45:8	4 4 [1] - 44:5 4.1 [1] - 52:15 4.116 [1] - 52:5 4.16 [1] - 52:15 4.183 [2] - 53:12, 54:5 40 [2] - 26:22, 129:22 44 [1] - 49:12 45 [1] - 52:3 46 [3] - 53:5, 53:20, 53:21	8 8 [1] - 34:3 80 [1] - 24:2 806-6297 [1] - 1:22 8:00 [1] - 21:17		
	5 5 [6] - 14:22, 43:19, 50:5, 50:15, 92:9, 92:21 5.6 [2] - 54:22, 56:7 50 [2] - 59:14, 72:4 50/50 [2] - 43:24,	9 90 [1] - 24:3 900 [5] - 14:17, 17:10, 19:17, 19:20, 34:2 950 [1] - 14:16		
		A A-1 [1] - 116:13 a.m [1] - 21:17 A1 [1] - 42:2 abandoned [2] -		

Jamie S. Atkinson, CSR

63:3, 63:11, 63:18,
63:21, 64:3, 73:4,
114:10
Ameren's [2] - 63:5,
63:23
America [2] - 65:23,
65:24
amount [5] - 17:13,
20:8, 38:18, 40:21,
92:6
Amy [1] - 2:4
amy.antonioilli@
afslaw.com [1] - 2:6
analogy [1] - 119:3
analysis [4] - 21:5,
21:7, 41:4, 101:24
analyze [1] - 10:18
ancillary [1] - 19:5
AND [2] - 1:5, 1:14
Anderson [5] -
52:21, 52:24, 55:23,
57:22, 99:3
Anderson's [1] -
58:1
Andrew [1] - 2:16
ANDREW [1] -
125:23
angles [1] - 86:16
announce [1] - 10:19
annoying [2] - 13:1,
13:9
annual [1] - 74:20
answer [19] - 5:24,
27:21, 28:2, 29:4,
39:24, 43:12, 48:19,
54:4, 58:9, 59:5,
60:13, 65:11, 80:15,
99:2, 105:1, 105:19,
120:16, 124:4, 126:2
answered [5] - 7:9,
29:3, 52:20, 61:12,
62:15
answers [1] - 74:18
anticipated [1] -
92:11
anticipating [1] - 5:6
Antoniolli [5] - 2:4,
7:24, 29:5, 82:2, 90:5
ANTONIOILLI [10] -
8:6, 8:15, 29:8, 29:14,
29:16, 29:20, 82:3,
82:11, 82:14, 83:7
anyway [1] - 104:22
Apex [33] - 2:11,
2:12, 4:5, 11:1, 22:8,
32:21, 36:12, 36:20,
37:24, 41:22, 42:1,
45:13, 46:12, 48:20,
63:6, 74:19, 79:19,
81:2, 84:1, 100:3,

103:4, 105:8, 111:12,
115:1, 117:3, 117:22,
126:3, 127:8, 127:14,
128:2, 128:6
apologize [5] - 28:7,
78:2, 80:14, 122:13,
136:21
APPEARANCES [1] -
2:2
appendix [2] - 45:4,
124:11
Appendix [2] -
75:10, 124:10
applicable [1] - 80:8
APPLICANT [1] - 2:3
Applicant [7] - 5:6,
5:21, 11:4, 54:19,
56:9, 83:17, 137:11
application [24] -
9:15, 41:12, 49:10,
49:13, 52:5, 52:15,
53:6, 53:18, 54:3,
54:10, 54:11, 54:23,
55:5, 55:22, 56:7,
57:14, 57:20, 57:22,
57:24, 78:7, 124:9,
124:12, 135:20
apply [1] - 38:16
appreciate [5] - 4:21,
49:4, 69:13, 84:22,
101:15
apprised [1] - 79:1
appropriate [1] -
23:18
approval [1] - 42:16
approved [1] - 83:21
approximation [1] -
22:16
April [2] - 1:11, 72:15
area [16] - 25:1, 26:1,
47:2, 53:4, 65:5,
68:16, 69:8, 77:12,
94:13, 96:21, 113:8,
114:12, 117:17,
117:23, 122:16, 129:3
areas [2] - 39:1,
107:24
ArentFox [2] - 2:5,
2:8
arguments [1] -
116:16
arrive [1] - 21:19
articulate [1] -
113:20
aside [1] - 128:24
asleep [1] - 137:5
Asphalt [1] - 73:21
asphalt [1] - 73:24
assessment [1] -
52:16

asset [1] - 105:9
Associate [1] - 2:11
assume [2] - 74:2,
128:10
assuming [5] -
53:23, 62:7, 85:7,
87:13, 93:6
ATHENA [1] - 129:18
Atkinson [5] - 1:21,
1:22, 137:19, 139:4,
139:16
attention [1] - 93:22
attorney [5] - 48:3,
48:5, 48:13, 48:14
Attorney [8] - 8:1,
8:8, 28:4, 28:8, 29:17,
30:2, 78:17, 89:22
attorneys [1] - 83:16
August [1] - 82:24
authorities [2] -
42:19, 127:23
authority [6] - 43:2,
63:24, 126:1, 126:3,
126:6, 128:6
authorization [1] -
49:22
automated [1] -
132:14
available [4] - 74:14,
75:6, 80:24, 103:16
average [4] - 40:14,
40:16, 59:21, 93:14
avoid [1] - 45:17
aware [7] - 17:10,
28:9, 31:19, 61:15,
67:12, 73:23, 89:24
axel [1] - 23:5

B

B-O-W-D-R-E [1] -
37:19
B4 [2] - 124:10,
124:11
B5 [2] - 124:10,
124:11
baby [1] - 105:24
backed [1] - 117:19
background [2] -
77:7, 96:19
backup [2] - 10:3,
10:5
balance [1] - 107:10
ball [1] - 84:24
balling [1] - 59:24
barking [3] - 13:4,
13:6, 13:7
base [4] - 92:16,
92:17, 92:19, 104:18
based [6] - 40:21,

41:7, 43:12, 68:11,
82:24, 122:1
bases [1] - 14:13
batch [2] - 20:2,
126:21
bats [3] - 49:16,
49:22
battery [2] - 59:1,
59:6
beautiful [3] - 69:24,
70:4, 70:12
became [1] - 105:18
Becky [1] - 122:12
become [1] - 99:8
becomes [1] - 7:13
before-entitled [1] -
139:8
begin [2] - 48:6,
120:17
beginning [1] - 72:10
behalf [1] - 48:19
beneficial [1] - 81:12
benefit [2] - 70:16,
91:16
BESS [1] - 59:2
best [9] - 10:13,
18:6, 34:3, 78:14,
79:1, 81:19, 119:3,
135:11
bet [1] - 48:8
better [8] - 4:20, 9:4,
9:5, 10:23, 25:10,
48:12, 96:3, 116:20
between [17] - 7:4,
9:9, 10:24, 13:11,
41:20, 43:10, 54:19,
68:18, 81:5, 81:7,
87:19, 99:22, 112:7,
115:17, 117:10,
121:9, 121:11
beyond [7] - 27:20,
51:11, 52:23, 57:20,
78:11, 119:5, 124:8
biceps [1] - 94:23
big [5] - 63:11,
68:17, 70:16, 103:8,
109:5
bigger [1] - 117:13
binder [1] - 55:22
bins [3] - 25:18,
77:2, 117:11
bit [16] - 9:19, 16:12,
25:24, 26:5, 43:7,
44:1, 44:8, 45:6,
55:18, 65:22, 67:6,
95:7, 96:18, 106:2,
107:9, 122:15
blade [7] - 13:23,
22:19, 62:1, 62:4,
105:2, 120:9

blades [9] - 13:21,
13:22, 22:19, 49:14,
59:7, 59:9, 60:15,
66:4, 66:5
blink [1] - 86:6
blinking [2] - 86:10,
131:24
blowing [2] - 59:9,
60:5
blue [1] - 26:1
Blvd [1] - 2:18
Board [13] - 5:1,
5:20, 6:23, 7:13, 7:15,
11:23, 74:12, 74:13,
83:24, 90:22, 102:3,
133:23, 138:9
board [1] - 133:14
boards [2] - 23:22,
77:21
bore [2] - 38:19,
38:20
Borgman [8] - 32:12,
34:12, 36:13, 37:8,
66:20, 88:18, 90:18
BORGMAN [20] -
32:14, 33:1, 33:6,
33:10, 33:13, 33:18,
33:20, 34:1, 34:14,
34:17, 35:13, 36:17,
36:23, 37:5, 88:20,
88:24, 89:13, 90:3,
90:6, 90:9
boring [3] - 38:5,
38:6, 38:24
borings [1] - 111:19
bother [2] - 12:24,
13:4
bound [2] - 18:19,
80:10
boundary [2] -
44:21, 45:2
Bowdre [5] - 37:16,
44:23, 45:19, 45:22,
46:14
box [1] - 101:24
boxes [1] - 116:24
boys [1] - 76:15
brand [1] - 13:12
bravo [2] - 120:4,
120:6
break [2] - 7:9, 90:20
bridge [5] - 101:18,
101:24, 102:9, 102:11
bridges [3] - 102:2,
102:3, 102:7
brief [3] - 135:4,
137:7, 137:8
briefly [1] - 136:23
bring [7] - 5:15,
18:12, 29:24, 58:2,

85:1, 85:14, 126:20
bringing [4] -
 101:19, 103:1,
 104:21, 126:24
brings [1] - 26:8
Brocton [1] - 65:12
broken [1] - 120:9
brought [3] - 22:1,
 78:2, 91:13
build [3] - 22:20,
 66:1, 116:23
building [18] - 9:15,
 35:23, 35:24, 41:8,
 41:9, 44:6, 47:17,
 52:7, 52:17, 53:7,
 53:9, 53:21, 63:9,
 99:23, 127:22,
 127:24, 128:7
buildup [1] - 21:20
built [9] - 18:14,
 39:17, 39:19, 41:22,
 64:7, 69:17, 73:3,
 117:11, 133:1
bulldozers [1] -
 117:2
Bureau [2] - 8:7,
 89:21
buried [3] - 106:20,
 106:22, 114:19
bus [1] - 22:1
buses [1] - 117:10
Bushton [1] - 117:8
business [3] - 10:8,
 17:16, 19:11
businesses [1] -
 16:5
bussing [2] - 75:5,
 75:6
busy [4] - 106:1,
 117:9, 117:17, 118:2
buy [1] - 10:20
BY [3] - 3:4, 125:23,
 129:18

C

cable [2] - 39:3, 99:9
cables [5] - 38:24,
 99:7, 99:12, 106:20,
 107:3
cabling [4] - 92:6,
 92:24, 93:2, 107:6
calculation [2] -
 121:4, 121:7
camper [1] - 57:8
campground [1] -
 57:7
cannot [2] - 15:19,
 43:1
capacity [2] - 18:7,

113:8
car [5] - 10:20, 24:3,
 51:7, 109:18
card [1] - 48:13
care [1] - 74:18
Carlson [21] - 7:23,
 9:23, 11:10, 12:2,
 12:4, 27:14, 27:22,
 31:21, 34:20, 35:18,
 37:9, 37:22, 46:21,
 47:12, 50:9, 51:17,
 54:3, 91:10, 101:12,
 125:12, 134:16
CARLSON [1] - 3:3
Carlson's [1] - 84:24
carry [1] - 38:2
cars [1] - 34:9
case [8] - 8:3, 30:7,
 32:5, 82:5, 132:16,
 134:22, 135:8, 135:16
cases [2] - 8:11,
 133:19
CAUSE [1] - 138:14
caused [2] - 37:1,
 67:13
caveat [1] - 126:23
CCI [2] - 20:14, 61:6
center [5] - 26:5,
 26:6, 33:14, 33:17
centered [1] - 132:9
central [1] - 104:20
Central [3] - 18:21,
 20:15, 57:11
certain [6] - 21:19,
 33:23, 48:24, 51:2,
 92:10
certainly [5] - 36:14,
 36:15, 47:4, 47:14,
 69:21
certificate [2] - 52:6,
 52:9
certification [1] -
 52:17
certified [1] - 52:13
certify [1] - 139:6
chairman [1] - 4:21
Chairman [5] - 1:15,
 4:16, 4:19, 132:23,
 134:7
Champaign [2] -
 68:18, 73:21
change [4] - 44:7,
 47:16, 80:16, 104:10
changes [2] - 80:10,
 104:9
Charleston [4] -
 17:21, 68:18, 77:8,
 138:11
Charlie [1] - 120:6
Charlottesville [1] -

2:13
chasing [1] - 97:19
check [4] - 6:13,
 27:17, 89:9, 118:20
checked [2] - 27:16,
 30:3
Chicago [2] - 2:6, 2:9
chicken [3] - 8:3,
 29:12, 78:5
chief [2] - 134:22,
 135:8
Chief [3] - 8:7, 8:9,
 29:9
chip [4] - 42:2,
 108:14, 109:14, 133:8
choose [2] - 5:18,
 7:5
chose [2] - 88:11,
 117:6
chosen [2] - 117:21,
 118:3
circles [1] - 45:17
Circuit [1] - 82:5
citing [1] - 46:17
civil [4] - 83:3, 83:5,
 122:24, 123:19
clarified [1] - 28:16
clarify [1] - 31:18
Clark [4] - 12:3,
 16:23, 17:3
CLARK [17] - 12:6,
 12:9, 12:14, 12:23,
 13:14, 14:6, 14:12,
 14:15, 14:19, 14:22,
 15:1, 15:15, 15:18,
 15:22, 16:7, 16:16,
 16:19
class [1] - 6:4
Clayton [1] - 4:10
clean [1] - 61:21
Clean [1] - 4:5
clear [5] - 5:10,
 41:15, 46:16, 47:7,
 117:19
clearly [1] - 41:6
climb [1] - 19:1
Clint [1] - 17:7
Clinton [1] - 68:12
clock [1] - 70:19
close [11] - 5:5,
 25:19, 29:1, 44:4,
 76:17, 79:15, 86:2,
 91:19, 103:1, 114:3,
 120:20
closed [6] - 77:9,
 108:17, 117:12,
 126:6, 126:11, 126:15
closely [2] - 63:8,
 76:16
closer [3] - 9:1

102:17, 102:20
closes [1] - 79:16
closest [2] - 12:10,
 14:3
clue [1] - 69:9
Co [1] - 62:23
Co-Op [1] - 62:23
COD [1] - 86:12
Coles [62] - 4:3, 5:6,
 5:21, 7:7, 8:12, 8:20,
 9:11, 11:7, 12:1, 17:1,
 17:7, 17:17, 17:20,
 18:14, 27:16, 28:10,
 28:18, 29:7, 29:8,
 31:4, 31:10, 31:12,
 31:14, 42:12, 44:9,
 45:12, 45:14, 46:17,
 48:1, 48:2, 48:20,
 49:9, 49:18, 52:16,
 53:2, 55:18, 55:24,
 57:15, 58:13, 61:2,
 61:3, 62:22, 70:1,
 73:24, 75:15, 80:7,
 81:6, 88:3, 89:3, 89:9,
 90:9, 90:14, 90:22,
 101:8, 104:1, 106:12,
 118:8, 125:15,
 125:16, 130:13,
 138:8, 138:10
COLES [3] - 1:1, 1:7,
 2:15
Coles/Douglas [2] -
 31:6, 43:9
collection [8] -
 15:17, 67:16, 99:11,
 106:20, 107:3,
 110:17, 110:19,
 114:19
color [1] - 25:24
Colorado [3] - 10:4,
 66:3, 66:8
combines [1] - 76:7
comfortable [1] -
 5:23
coming [11] - 15:5,
 17:13, 17:21, 18:21,
 20:20, 56:19, 56:20,
 75:14, 79:15, 81:18,
 113:5
command [1] -
 105:16
commenced [1] -
 82:19
comment [17] - 5:10,
 6:7, 6:9, 6:18, 6:19,
 6:24, 7:1, 7:2, 7:4,
 7:14, 7:15, 7:16, 7:17,
 88:19, 136:2, 136:16,
 136:17
commentary [1] -
 CSR

55:17
commented [1] -
 82:16
comments [4] - 7:6,
 136:9, 136:11, 136:18
commercial [2] -
 86:12
Commission [2] -
 7:7, 125:16
commissioner [7] -
 37:3, 37:14, 37:16,
 41:21, 42:13, 102:6,
 126:7
commissioners [3] -
 21:13, 24:12, 42:20
commissioning [2] -
 96:9, 96:16
committed [1] -
 22:12
COMMITTEE [2] -
 1:3, 1:14
Committee [9] - 4:4,
 5:20, 6:22, 90:21,
 132:22, 133:11,
 134:8, 134:14, 138:8
Committee's [1] -
 79:9
communicated [1] -
 108:4
communicating [1] -
 76:20
communication [4] -
 83:15, 83:20, 87:19,
 108:13
community [7] -
 16:14, 22:4, 22:14,
 109:4, 130:13,
 130:19, 131:4
commute [1] - 57:12
compactd [1] -
 85:13
companies [3] -
 20:7, 24:24, 32:23
company [5] - 20:18,
 63:12, 74:9, 86:15
compare [5] - 12:14,
 12:16, 12:17, 12:18
comparing [1] -
 41:17
competitor [1] -
 10:23
complained [3] -
 130:19, 131:4, 131:18
complaint [16] -
 67:23, 83:8, 83:23,
 89:1, 89:3, 89:10,
 99:18, 99:23, 100:19,
 100:22, 100:24,
 130:14, 130:15,
 132:6, 133:15

complaints [8] - 131:10, 131:12, 131:14, 131:22, 131:23, 132:1, 132:8, 132:12
complete [2] - 104:8, 104:15
completed [5] - 53:14, 72:10, 72:12, 114:21, 115:23
completely [1] - 55:21
completion [1] - 96:17
complicated [1] - 63:22
complied [1] - 53:21
comply [1] - 80:7
complying [1] - 86:18
component [1] - 26:12
components [2] - 19:2, 65:17
composite [2] - 60:18, 66:5
concern [5] - 16:14, 20:19, 43:1, 45:16, 123:7
concerning [3] - 97:12, 99:4, 99:18
concerns [1] - 6:3
conclude [1] - 138:3
concrete [33] - 14:16, 14:18, 15:1, 15:8, 15:13, 17:9, 19:6, 19:7, 19:14, 19:17, 19:21, 19:24, 20:2, 20:6, 20:8, 20:15, 32:19, 34:2, 34:3, 34:6, 35:6, 40:18, 40:21, 40:22, 61:1, 61:2, 61:3, 92:6, 92:10, 93:18, 93:23, 96:12, 116:12
concrete's [1] - 41:2
condition [6] - 80:3, 80:4, 85:18, 102:11, 127:21, 134:4
conduct [1] - 4:10
CONDUCTED [1] - 3:4
conducting [1] - 84:3
conex [1] - 116:24
confirm [3] - 29:10, 29:16, 82:5
confirmed [2] - 8:10, 28:9
conflicts [1] - 52:23

confused [1] - 112:8
conjunction [1] - 41:1
connect [1] - 115:13
connected [3] - 92:19, 94:12, 128:22
connectivity [2] - 62:24, 63:18
consider [3] - 7:13, 15:9, 135:23
consideration [2] - 76:22, 104:12
considered [4] - 6:22, 7:15, 46:13, 80:2
constant [1] - 83:23
constructed [5] - 72:2, 85:7, 91:14, 111:18, 129:22
constructing [1] - 80:17
Construction [10] - 39:9, 39:14, 39:16, 68:11, 68:15, 73:14, 73:19, 74:9, 88:4, 88:6
construction [56] - 19:11, 22:6, 23:14, 34:23, 37:23, 38:3, 38:21, 40:11, 42:6, 43:2, 46:20, 47:18, 48:22, 55:8, 55:13, 56:10, 56:15, 56:22, 57:23, 66:15, 69:19, 70:18, 70:22, 72:19, 77:22, 85:5, 86:7, 86:10, 93:14, 94:2, 94:5, 94:11, 94:14, 96:4, 96:12, 100:21, 101:16, 103:2, 104:8, 105:13, 105:24, 107:22, 108:22, 109:8, 112:12, 112:13, 112:21, 113:10, 113:12, 113:16, 125:5, 126:18, 128:5, 131:18, 132:9, 133:5
construction's [1] - 40:13
consultants [2] - 102:1, 125:15
consume [1] - 60:21
contact [8] - 7:24, 42:23, 83:23, 89:11, 90:2, 108:10, 109:1, 115:13
contacted [1] - 109:20
contained [1] - 53:6

containers [1] - 116:24
contaminated [1] - 88:18
contaminating [1] - 84:6
contamination [2] - 67:12, 67:13
contemplated [3] - 45:23, 46:1, 59:4
continue [3] - 11:17, 11:24, 83:21
continuing [1] - 117:13
contract [1] - 63:4
contracting [1] - 18:18
contractor [11] - 22:9, 25:4, 32:21, 39:9, 39:10, 39:11, 39:14, 40:4, 68:11, 108:11, 117:3
contractors [11] - 18:9, 18:18, 36:7, 36:19, 40:11, 103:19, 111:13, 112:2, 115:3, 115:4, 115:8
contracts [1] - 112:19
contributing [1] - 19:9
control [5] - 23:12, 42:11, 42:21, 128:12, 135:5
controls [1] - 77:14
conversation [2] - 93:12, 137:1
conversations [3] - 10:16, 42:18, 47:15
coordination [1] - 105:10
coordinator [2] - 109:22, 114:16
coordinators [1] - 109:6
cored [1] - 102:23
coring [1] - 111:9
corn [3] - 15:4, 24:18, 111:10
corner [1] - 65:13
corners [1] - 22:21
correct [13] - 6:8, 6:12, 14:24, 31:15, 41:22, 41:23, 44:16, 47:10, 59:11, 87:7, 87:8, 98:7, 126:12
correctly [1] - 86:17
correspondence [1] - 89:5
cough [1] - 7:20

Counsel [2] - 2:11, 8:9
counsel [11] - 5:20, 5:21, 11:3, 11:6, 29:10, 30:17, 46:12, 48:11, 83:24, 89:17, 134:21
Counties [2] - 17:1, 118:9
counties [7] - 6:14, 6:15, 67:2, 68:15, 69:9, 118:12, 119:8
countries [1] - 5:16
country [7] - 22:22, 23:23, 24:9, 31:11, 34:19, 114:14, 119:7
country's [1] - 128:20
County [85] - 4:3, 4:24, 5:20, 5:21, 6:23, 7:19, 8:12, 9:11, 11:7, 11:23, 12:1, 17:7, 17:17, 17:20, 18:14, 27:17, 27:18, 28:11, 28:18, 28:20, 28:23, 29:9, 30:8, 30:13, 31:4, 31:6, 31:7, 31:10, 31:12, 32:6, 39:15, 41:17, 44:9, 44:10, 45:14, 46:18, 48:1, 48:2, 49:9, 53:2, 55:18, 56:1, 57:15, 58:14, 61:2, 61:3, 64:7, 66:21, 66:22, 67:11, 69:23, 70:1, 70:11, 72:13, 73:24, 74:12, 74:13, 75:11, 75:15, 75:18, 75:22, 81:6, 82:4, 83:3, 83:24, 88:3, 89:3, 89:9, 90:9, 90:14, 90:22, 96:19, 101:9, 102:3, 104:1, 106:12, 122:13, 123:7, 125:15, 133:23, 138:8, 138:10, 139:5
COUNTY [2] - 1:1, 2:15
county [33] - 6:9, 6:11, 21:13, 29:13, 31:3, 31:14, 36:22, 38:22, 41:21, 42:7, 42:12, 42:15, 42:16, 42:22, 46:5, 47:13, 47:23, 56:21, 61:7, 74:20, 74:22, 75:12, 75:23, 79:18, 80:2, 83:12, 102:5, 123:22, 133:3, 133:4, 133:7, 133:15

county's [3] - 81:19, 81:22, 81:23
County's [1] - 138:5
couple [6] - 4:24, 7:20, 91:11, 101:16, 106:18, 132:24
course [2] - 80:7, 131:2
court [1] - 137:19
Court [3] - 1:20, 139:4, 139:16
Court's [1] - 82:5
Courthouse [1] - 138:10
courtroom [1] - 138:10
cover [1] - 23:21
covered [2] - 24:7, 124:9
covers [1] - 49:3
Cox [2] - 1:15, 4:12
COX [1] - 4:13
crane [2] - 96:16, 97:20
cranes [2] - 85:8, 101:20
create [1] - 102:9
creek [2] - 38:11, 101:18
crews [1] - 36:24
Cronkrite [3] - 118:12, 121:7, 122:10
CRONKHITE [14] - 118:13, 118:18, 118:23, 119:12, 119:16, 119:21, 120:2, 120:8, 120:13, 120:21, 121:13, 121:17, 121:23, 122:7
CROSS [1] - 125:22
cross [4] - 6:20, 7:1, 7:23, 65:16
CROSS-
EXAMINATION [1] - 125:22
cross-examination [3] - 6:20, 7:1, 7:23
crossed [1] - 102:8
crossing [2] - 114:17, 114:18
CSR [1] - 139:16
culvert [3] - 101:24, 132:6, 132:8
curiosity [1] - 91:15
curious [3] - 15:2, 91:23, 123:24
current [6] - 46:20, 47:11, 47:17, 71:24, 99:4, 99:6
curtail [2] - 49:18, 4

51:3 curtailed [1] - 50:20 curtailment [1] - 51:12 curtains [1] - 51:1 cut [3] - 22:21, 95:9, 120:19	133:16 defendant [2] - 30:16, 82:10 defer [1] - 6:11 deferred [1] - 92:5 definitely [5] - 22:12, 25:2, 70:12, 95:8 definitively [1] - 18:2 degraded [1] - 102:11 delay [1] - 105:17 deliveries [2] - 40:18, 71:1 delivering [1] - 71:3 delivery [1] - 75:17 demands [1] - 20:17 Department [3] - 45:15, 89:4, 90:15 department [1] - 90:1 deposition [2] - 32:3, 78:5 depth [1] - 107:3 design [5] - 9:14, 39:7, 122:24, 123:2, 123:19 designed [1] - 13:18 designs [2] - 9:24, 52:12 details [1] - 128:13 Detect [1] - 119:9 detection [1] - 118:22 detector [2] - 118:14, 118:16 determination [2] - 7:16, 79:9 determine [4] - 18:3, 81:4, 94:24, 95:19 develop [1] - 113:11 developed [1] - 99:24 developer [3] - 14:10, 70:13, 112:24 DEVELOPMENT [2] - 1:3, 1:14 Development [3] - 4:4, 90:21, 138:8 development [2] - 112:24, 113:1 device [2] - 77:6, 77:16 devices [1] - 128:12 difference [4] - 6:21, 26:22, 68:17, 112:7 different [20] - 26:16, 26:19, 26:20, 33:2, 41:10, 41:12, 47:22, 53:1, 55:21, 56:19, 61:13, 75:7, 77:13	85:11, 95:1, 95:7, 111:7, 111:14, 112:22 differently [2] - 112:9, 125:5 difficult [2] - 16:3, 113:16 digging [1] - 65:6 direct [3] - 27:21, 51:12, 63:18 direction [1] - 80:23 directly [1] - 108:10 Director [2] - 7:7, 125:16 director [1] - 113:1 dirt [1] - 132:8 discussion [3] - 62:22, 78:19, 88:17 DISCUSSION [1] - 1:5 discussions [2] - 46:2, 47:21 disk [1] - 85:17 distinction [4] - 7:3, 7:11, 13:11, 98:9 district [1] - 138:7 District [1] - 114:13 districts [6] - 38:6, 57:15, 58:13, 58:15, 75:4, 75:7 ditch [1] - 70:1 ditches [5] - 38:5, 58:5, 58:11, 69:23, 70:3 divided [1] - 128:20 division [1] - 89:21 dizziness [1] - 130:24 document [1] - 21:10 dogs [2] - 13:4, 13:6 dolly [2] - 22:23, 22:24 done [12] - 43:4, 68:15, 79:18, 88:7, 102:20, 103:5, 103:10, 105:22, 115:20, 130:24, 135:8, 137:18 dot [1] - 64:21 dots [1] - 39:17 Doughty [1] - 4:14 Douglas [21] - 12:1, 17:1, 27:18, 28:20, 30:8, 30:13, 31:4, 31:7, 31:15, 32:6, 39:15, 41:17, 44:10, 45:8, 70:11, 75:22, 82:4, 83:3, 96:19, 101:8, 118:9 down [37] - 14:20, 15:2, 16:13, 17:21	21:1, 21:2, 23:10, 23:15, 31:4, 31:11, 32:16, 32:17, 32:19, 33:13, 34:10, 36:7, 48:6, 51:4, 51:5, 75:14, 75:23, 77:9, 77:22, 78:6, 79:24, 92:9, 92:21, 97:3, 102:4, 102:6, 105:1, 107:8, 108:20, 116:14, 129:1, 134:17 downside [1] - 107:8 dozers [2] - 85:15, 93:16 draft [1] - 110:17 drain [11] - 24:23, 25:9, 55:12, 56:9, 93:20, 104:16, 104:17, 107:5, 115:3, 115:8, 115:22 drainage [15] - 38:5, 38:6, 38:7, 54:23, 55:7, 55:19, 57:14, 58:5, 58:11, 58:13, 67:15, 104:13, 104:20, 115:5, 115:24 drains [1] - 104:11 draw [4] - 9:1, 16:13, 98:9, 126:21 drill [3] - 16:1, 16:10 drive [6] - 14:2, 21:18, 31:10, 109:17, 109:18, 119:11 Drive [2] - 2:5, 2:8 drivers [1] - 21:21 driveway [3] - 39:4, 131:19, 131:20 driveways [1] - 38:23 driving [2] - 21:16, 100:13 drops [1] - 7:20 drunk [1] - 24:6 due [2] - 27:19, 127:7 dumped [1] - 89:1 during [29] - 21:18, 21:19, 21:24, 22:4, 42:3, 45:12, 48:21, 55:5, 55:12, 56:14, 62:20, 66:10, 69:18, 71:1, 76:12, 77:12, 86:6, 86:9, 93:13, 97:21, 106:19, 107:22, 108:7, 108:13, 109:8, 113:12, 131:17 dusk [1] - 71:4 dying [1] - 84:14	E E-N-V-E-N-T-U-S [1] - 64:9 ear [1] - 13:5 early [6] - 5:7, 18:2, 95:19, 120:3, 130:18 easement [1] - 110:17 easily [1] - 29:22 East [1] - 45:8 east [9] - 25:20, 33:16, 33:19, 43:23, 44:1, 44:5, 44:17, 95:14, 129:3 easy [1] - 39:6 edge [4] - 38:8, 38:9, 38:11, 62:3 effects [1] - 119:12 efforts [1] - 70:8 eight [1] - 5:4 either [13] - 5:7, 7:5, 9:1, 26:8, 48:21, 54:7, 60:16, 75:18, 103:3, 105:6, 115:5, 119:15, 136:2 elaborate [2] - 61:24, 92:7 Electric [1] - 62:23 electrical [2] - 39:6, 107:9 electricity [3] - 60:11, 62:24, 121:15 electromagnetic [2] - 107:14, 119:20 elevator [2] - 77:8, 117:11 elevators [1] - 117:12 elucidate [1] - 80:5 email [1] - 132:15 emails [1] - 7:19 Embarras [1] - 114:13 emergency [2] - 87:12, 126:13 emit [1] - 120:9 emphasis [5] - 22:3, 22:11, 70:15, 76:11, 109:6 employees [1] - 37:24 encountered [1] - 84:3 end [10] - 13:22, 22:11, 22:24, 38:19, 43:8, 70:7, 76:19, 100:22, 109:10, 132:16 ended [4] - 24:12,
---	--	---	---	--

25:8, 110:18, 133:23
endless ^[1] - 83:4
energy ^[3] - 59:2, 60:7, 72:3
Energy ^[3] - 4:5, 45:13, 48:20
energy's ^[1] - 99:14
enforcement ^[2] - 28:10, 126:10
engaging ^[1] - 47:21
engineer ^[11] - 41:5, 42:13, 42:15, 42:16, 42:23, 46:5, 47:13, 47:23, 48:1, 102:5, 133:11
engineer's ^[2] - 52:6, 52:8
engineering ^[9] - 9:24, 52:12, 52:13, 52:16, 100:18, 103:13, 112:18, 113:7
engineers ^[1] - 41:21
ensuring ^[1] - 111:17
enter ^[3] - 45:19, 47:1, 63:3
entire ^[3] - 94:15, 105:13, 119:7
entitled ^[1] - 139:8
entrances ^[1] - 53:22
Environmental ^[2] - 8:7, 8:10
environmental ^[5] - 51:14, 51:15, 51:16, 51:22, 103:12
EPA ^[16] - 8:1, 28:3, 28:8, 28:10, 28:17, 28:24, 29:24, 48:24, 78:16, 89:4, 89:6, 89:12, 89:16, 90:4, 90:13
EPR ^[1] - 39:14
equal ^[1] - 50:4
equipment ^[10] - 10:10, 24:24, 48:24, 76:12, 77:20, 93:18, 107:6, 108:20, 111:14, 116:22
erstwhile ^[2] - 4:18, 4:20
especially ^[4] - 58:15, 77:12, 109:6, 133:8
essentially ^[1] - 128:20
estimate ^[2] - 50:9, 92:13
estimation ^[1] - 53:16
etc ^[1] - 96:5
evening ^[10] - 4:2,

5:8, 11:12, 27:5, 37:11, 37:12, 38:5, 81:18, 135:18, 138:9
event ^[2] - 7:22, 42:24
eventually ^[2] - 15:6, 109:23
Eventus ^[1] - 64:9
evidence ^[2] - 7:3, 7:13
evolution ^[1] - 93:22
evolutions ^[1] - 98:9
exact ^[3] - 64:1, 102:22, 104:21
exactly ^[6] - 25:13, 52:11, 62:5, 118:3, 124:1, 124:2
exaggeration ^[1] - 57:17
EXAMINATION ^[3] - 3:4, 125:22, 129:17
examination ^[4] - 6:20, 7:1, 7:23, 129:15
example ^[5] - 13:3, 14:1, 129:2, 130:20, 134:3
excavate ^[1] - 104:15
exceeded ^[1] - 5:4
exception ^[1] - 128:21
excluded ^[1] - 48:15
excuse ^[2] - 84:8, 84:10
excused ^[1] - 134:19
Executive ^[2] - 7:6, 125:16
exhibits ^[1] - 135:14
expect ^[2] - 41:1, 93:14
expectations ^[1] - 41:7
expected ^[1] - 18:19
expensive ^[1] - 10:9
experience ^[4] - 6:2, 40:10, 83:4, 133:20
experiences ^[1] - 136:4
expert ^[4] - 13:20, 50:6, 51:15, 60:14
experts ^[2] - 100:17, 133:7
explain ^[6] - 31:2, 51:12, 57:22, 69:24, 116:20, 118:15
explanation ^[2] - 8:22, 75:1
explore ^[2] - 95:12, 95:19
extend ^[1] - 94:9

extended ^[1] - 98:17
extensively ^[1] - 89:8
extent ^[2] - 57:19, 81:3
extra ^[2] - 114:23, 117:11
extracting ^[1] - 17:15
extreme ^[1] - 133:19
extrovert ^[1] - 136:6

F

F-3 ^[1] - 75:10
F-4 ^[1] - 75:11
FAA ^[3] - 86:18, 120:1, 131:23
facets ^[1] - 112:22
facilitate ^[1] - 4:23
FACILITATOR ^[1] - 2:21
facilitator ^[1] - 4:18
facility ^[1] - 126:18
fact ^[1] - 89:7
factories ^[1] - 66:3
factors ^[2] - 79:9, 80:19
failure ^[1] - 32:20
fair ^[19] - 54:5, 57:24, 58:8, 92:2, 92:12, 126:7, 126:8, 126:11, 126:15, 126:22, 126:23, 127:8, 127:10, 127:24, 128:2, 128:8, 128:22, 129:4, 130:3
Fairgrange ^[8] - 25:16, 25:21, 64:23, 65:1, 65:12, 77:1, 77:10, 117:8
fairly ^[1] - 133:24
fall ^[3] - 9:18, 53:15, 54:1
familiar ^[1] - 128:11
family ^[7] - 83:15, 91:14, 91:15, 106:3, 110:4, 110:12, 137:4
far ^[8] - 9:8, 9:21, 12:9, 24:22, 66:24, 94:17, 94:18, 103:21
farm ^[15] - 12:7, 36:4, 38:23, 40:12, 76:6, 76:12, 76:15, 77:20, 83:9, 86:16, 91:13, 91:14, 91:21, 110:4, 113:3
farmer ^[2] - 89:1, 116:3
farmers ^[5] - 25:6, 76:18, 115:13, 123:11
farming ^[2] - 22:4,

107:5
farms ^[4] - 33:2, 39:17, 105:22, 122:19
fast ^[2] - 77:21, 116:15
faster ^[1] - 51:6
favor ^[1] - 135:21
feasibly ^[1] - 10:8
feathered ^[1] - 14:7
feathering ^[1] - 13:21
February ^[3] - 32:15, 72:18, 73:5
federal ^[4] - 49:21, 67:1, 67:5, 80:8
feeds ^[2] - 21:7, 41:15
feelings ^[1] - 5:13
feet ^[17] - 14:16, 15:10, 22:20, 38:18, 58:5, 58:11, 64:17, 92:9, 92:21, 102:17, 106:21, 106:23, 106:24, 107:10, 115:8, 115:10
fell ^[3] - 32:15, 32:16, 32:19
few ^[18] - 20:23, 41:16, 42:8, 57:11, 70:15, 73:20, 85:10, 103:13, 108:18, 113:15, 115:22, 116:2, 116:11, 125:21, 129:16, 130:3, 131:16
fewer ^[1] - 72:16
fiberglass ^[2] - 60:19, 66:5
field ^[9] - 67:17, 84:24, 89:20, 89:24, 90:2, 104:11, 107:14, 123:4, 123:16
fields ^[8] - 15:3, 67:16, 99:4, 104:13, 111:8, 111:14, 115:13, 115:18
filed ^[4] - 82:6, 82:19, 82:20, 82:24
fill ^[1] - 105:23
filled ^[1] - 132:6
final ^[7] - 9:24, 47:16, 96:16, 105:11, 132:21, 134:21
finalize ^[3] - 9:13, 9:14, 9:18
finalizing ^[1] - 112:18
financially ^[1] - 91:16
findings ^[1] - 102:2
CSR

fine ^[6] - 27:24, 51:13, 55:16, 56:2, 81:14, 136:2
fined ^[2] - 36:8, 97:4
fines ^[1] - 97:9
finish ^[2] - 72:12, 138:4
finished ^[1] - 72:14
finishing ^[2] - 5:7, 72:18
fire ^[1] - 10:4
firm ^[1] - 61:3
first ^[19] - 4:23, 8:4, 10:7, 12:1, 17:20, 27:10, 49:17, 50:2, 54:2, 55:8, 55:17, 81:16, 91:4, 92:13, 96:8, 104:15, 116:11, 130:7, 136:12
fit ^[2] - 13:7, 113:9
five ^[16] - 6:9, 6:12, 6:15, 6:16, 6:17, 6:18, 6:19, 15:10, 42:3, 68:14, 69:7, 106:23, 106:24, 107:10, 135:6, 136:1
fives ^[1] - 39:20
fix ^[1] - 85:8
fixing ^[1] - 36:18
fixtures ^[1] - 24:13
flags ^[1] - 111:14
flat ^[1] - 104:9
flicker ^[1] - 130:22
flight ^[1] - 87:23
flippant ^[1] - 70:10
Florida ^[1] - 66:2
flow ^[1] - 100:5
flux ^[1] - 9:19
fly ^[2] - 86:15, 87:20
flying ^[3] - 86:15, 87:16, 87:20
focus ^[1] - 22:5
focused ^[2] - 67:4, 112:11
FOIA ^[1] - 74:22
folks ^[9] - 6:1, 37:23, 96:22, 118:11, 135:19, 135:22, 136:13, 136:14
follow ^[5] - 21:11, 23:13, 95:7, 97:17, 98:14
follow-up ^[1] - 98:14
following ^[2] - 9:11, 72:15
follows ^[1] - 96:9
foolish ^[1] - 89:18
foot ^[3] - 14:22, 18:15, 88:7
footing ^[3] - 15:13,

92:15, 92:22
footings [1] - 26:16
footnote [1] - 52:22
footprint [7] - 44:12,
 58:16, 87:21, 94:8,
 104:18, 119:5, 123:13
footprints [4] -
 42:11, 44:14, 94:15,
 119:24
FOR [3] - 1:5, 2:3,
 2:15
forced [1] - 38:8
Ford [1] - 72:13
foregoing [1] - 139:6
foresee [2] - 16:3,
 17:12
forgot [1] - 16:20
form [2] - 74:20,
 110:18
formal [2] - 83:11,
 89:10
forth [3] - 52:15,
 66:18, 134:2
fortunate [1] - 9:12
foundation [6] -
 15:13, 92:14, 92:15,
 92:22, 104:16, 111:24
foundations [1] -
 111:17
four [5] - 26:9, 35:15,
 135:3, 135:8, 135:20
Frank [1] - 2:17
frequency [2] -
 119:20, 119:22
frequently [1] - 47:1
freshman [1] - 6:5
Friday [3] - 32:3,
 71:7, 71:8
front [3] - 22:23,
 54:3, 54:12
full [5] - 6:23, 7:3,
 49:17, 94:14, 116:13
fully [1] - 129:22
fungus [1] - 29:12
funneled [2] - 42:16,
 42:22
future [3] - 15:20,
 71:24, 133:2

G

gallons [2] - 17:8,
 60:20
Garrett [1] - 2:12
gas [2] - 114:9,
 114:11
gates [5] - 53:22,
 54:6, 54:8, 54:14,
 54:15
GE [8] - 9:9, 10:12,

10:18, 11:1, 22:10,
 26:7, 65:24, 105:6
general [9] - 18:18,
 39:9, 39:11, 39:14,
 40:3, 68:16, 91:15,
 102:12, 107:24
General [4] - 2:11,
 8:1, 30:2, 78:17
General's [5] - 8:8,
 28:4, 28:8, 29:17,
 89:22
generalities [1] -
 26:19
generally [3] - 40:10,
 70:22, 104:9
generate [2] -
 103:21, 120:17
generated [2] - 59:9,
 99:4
generating [2] -
 59:8, 121:14
generation [1] -
 107:9
generator [3] -
 12:21, 13:9, 63:2
gentleman [1] -
 84:13
gentlemen [1] -
 138:7
geomagnetic [1] -
 99:4
geotech [2] - 111:16,
 112:4
GIA [2] - 63:2, 64:2
given [8] - 40:9,
 40:15, 48:20, 59:20,
 69:16, 94:11, 96:6,
 104:12
globe [2] - 119:4
God [1] - 60:5
gosh [1] - 69:2
gotcha [3] - 18:5,
 21:14, 26:21
gotta [3] - 34:7,
 56:14, 85:16
governor [1] - 51:7
grade [2] - 38:12,
 104:10
grain [5] - 77:2, 77:8,
 77:9, 77:12, 117:11
grandparents [1] -
 110:13
granted [2] - 13:1,
 42:18
great [8] - 18:16,
 23:11, 48:10, 70:6,
 106:4, 108:6, 113:22,
 136:3
grid [7] - 63:22, 64:4,
 73:9, 99:15, 129:1,

129:2
grids [2] - 128:21,
 128:22
ground [5] - 38:10,
 38:12, 92:11, 107:10,
 131:5
grounds [1] - 92:6
group [1] - 60:23
grouped [2] -
 136:17, 136:18
growing [3] - 91:13,
 110:3
guarantee [1] - 61:1
guess [9] - 34:20,
 43:20, 50:12, 79:15,
 97:2, 98:14, 99:6,
 99:20, 119:3
guy [3] - 62:17,
 112:16, 116:14
guys [21] - 15:24,
 18:8, 19:24, 20:6,
 20:8, 25:6, 45:4,
 94:17, 95:12, 95:14,
 97:4, 97:13, 97:14,
 98:2, 98:15, 98:16,
 98:17, 103:17,
 111:13, 113:4, 114:3

H

H-E-N-D-R-I-X [1] -
 37:15
habitats [1] - 49:15
half [9] - 31:11,
 44:22, 49:18, 59:23,
 60:2, 60:3, 60:10,
 89:2, 94:8
Hamilton [1] - 2:18
hand [5] - 54:9,
 54:11, 58:23, 88:18,
 136:7
handle [3] - 100:18,
 101:21, 111:23
hands [1] - 133:7
hang [1] - 121:3
Hanson [1] - 41:5
happy [3] - 8:22,
 27:21, 47:14
harder [1] - 80:14
harvest [4] - 22:4,
 76:13, 77:13, 117:17
hashmark [1] - 26:1
haul [1] - 35:5
hailed [1] - 77:9
hauling [2] - 77:12,
 96:13
Hawaii [1] - 128:24
head [3] - 44:14,
 50:7, 75:21
headaches [1] -

130:24
headquarters [1] -
 89:21
health [2] - 79:11,
 81:23
Health [3] - 89:3,
 89:10, 90:15
hear [11] - 12:15,
 12:22, 32:24, 67:24,
 68:1, 74:15, 81:9,
 93:21, 93:23, 113:17,
 135:19
heard [11] - 20:13,
 20:16, 20:21, 37:2,
 69:23, 72:7, 82:15,
 84:5, 91:24, 110:16
HEARING [1] - 2:21
hearing [19] - 4:4,
 4:17, 4:23, 4:24, 5:13,
 5:14, 11:18, 32:3,
 35:20, 78:5, 79:14,
 79:16, 80:20, 81:16,
 83:5, 131:2, 136:15,
 138:4, 138:5
hearings [3] - 30:1,
 84:3, 122:14
heart [1] - 53:12
heavier [1] - 44:1
heaviest [1] - 96:11
heavily [2] - 105:9,
 105:12
heavy [2] - 93:17,
 96:15
height [3] - 40:17,
 88:9, 88:10
held [1] - 4:8
helicopter's [2] -
 87:12
helicopters [1] -
 87:19
hello [1] - 27:6
help [6] - 9:2, 62:6,
 101:1, 101:2, 114:8,
 121:1
helpful [2] - 58:22,
 69:2
Hendrix [7] - 37:10,
 37:11, 45:9, 47:14,
 48:4, 48:9, 49:6
HENDRIX [29] -
 37:12, 37:15, 37:19,
 37:22, 38:4, 38:22,
 39:8, 39:13, 39:20,
 39:23, 40:2, 40:9,
 40:20, 41:11, 41:19,
 41:24, 42:10, 42:24,
 43:6, 43:14, 43:18,
 44:4, 44:16, 44:22,
 45:3, 45:11, 45:20,
 48:17, 49:3

hereby [1] - 139:6
Hess [15] - 2:11,
 8:16, 11:3, 28:6,
 46:12, 48:7, 51:9,
 55:14, 57:17, 58:23,
 78:4, 80:4, 85:2, 90:5,
 124:6
HESS [30] - 8:18,
 9:3, 9:7, 11:5, 27:19,
 28:2, 28:7, 46:15,
 47:11, 47:24, 48:8,
 51:10, 51:24, 52:19,
 54:2, 54:17, 55:15,
 57:19, 61:11, 61:18,
 78:10, 80:6, 85:3,
 124:7, 124:13,
 134:23, 135:3, 135:9,
 135:17, 137:12
Hess's [1] - 48:13
Heyl [1] - 2:18
Hickory [3] - 44:11,
 45:15, 75:12
high [1] - 19:2
highest [1] - 98:20
highly [1] - 18:22
highway [5] - 37:16,
 41:20, 42:13, 117:8,
 117:19
Highway [1] - 45:15
hire [1] - 18:18
hired [1] - 41:5
hit [1] - 50:18
hold [1] - 116:18
holds [1] - 34:3
hole [1] - 17:11
home [6] - 19:13,
 34:9, 57:5, 108:23,
 122:21, 137:5
homes [2] - 119:15,
 119:17
homework [1] - 82:4
honest [1] - 132:11
honestly [1] - 50:4
hope [2] - 7:8, 9:17
horror [1] - 68:4
hotels [2] - 57:4,
 57:7
hotline [5] - 83:18,
 100:12, 100:15,
 132:13
hour [15] - 7:20,
 24:3, 50:4, 50:11,
 50:16, 69:1, 97:22,
 97:24, 120:22,
 120:24, 121:10,
 121:12, 121:14,
 121:24
hours [4] - 97:13,
 98:18, 133:24, 134:1
house [15] - 13:3,

31:12, 34:5, 34:7,
34:8, 40:4, 89:2, 94:9,
108:2, 108:3, 108:9,
108:12, 108:19,
123:5, 132:7
housed [1] - 57:4
houses [1] - 109:22
huge [1] - 76:20
Hummel [1] - 24:1
humming [2] - 12:21,
13:7
hundred [1] - 22:20
husband [1] - 13:5
hypothetical [1] -
80:9

I

I57 [3] - 23:14, 75:24,
76:1
idea [4] - 48:10, 59:7,
59:12, 60:7
ideal [1] - 25:4
identified [2] -
122:24, 137:20
identify [4] - 122:16,
122:22, 122:23,
123:14
IDOT [3] - 23:13,
23:17, 77:19
IEPA [3] - 29:10,
29:11, 29:18
ierulli [1] - 2:17
ignorant [1] - 99:9
ignore [1] - 13:4
IL [5] - 2:6, 2:9, 2:13,
2:19, 2:22
Illinois [29] - 8:1, 8:8,
8:9, 18:12, 18:20,
18:21, 20:16, 28:3,
28:4, 28:8, 28:10,
29:24, 30:2, 33:2,
43:23, 43:24, 45:7,
48:11, 50:24, 52:13,
57:11, 63:16, 68:16,
70:15, 89:12, 89:16,
122:18, 139:5
imagine [2] - 87:23,
123:20
immediately [3] -
67:24, 77:2, 130:16
impact [12] - 10:1,
21:5, 21:7, 41:4, 46:6,
67:16, 94:7, 95:13,
98:5, 101:23, 127:6,
127:13
impacted [3] - 45:7,
67:20, 93:15
impacting [1] - 107:6
impacts [5] - 94:5,

96:10, 109:9, 127:10,
127:12
implemented [1] -
96:6
importance [1] -
105:13
important [2] -
10:14, 79:2
improve [1] - 33:23
improved [2] -
109:11, 133:2
improvements [3] -
13:19, 117:4
improving [1] -
108:8
IN [1] - 138:13
in-house [1] - 40:4
incentive [1] - 97:10
incident [2] - 32:18,
116:13
incidental [2] -
49:21, 49:22
include [2] - 47:14,
97:14
increase [1] - 133:23
increased [1] - 69:17
Indiana [1] - 68:13
indicate [1] - 9:16
indicated [2] - 82:6,
125:24
individual [2] -
15:12, 123:22
industry [3] - 18:23,
93:5, 97:18
inexperienced [1] -
21:21
influence [1] - 25:3
information [8] -
80:24, 81:11, 81:16,
83:1, 90:8, 100:5,
109:3, 111:20
innuendo [1] - 120:7
input [1] - 51:1
inside [1] - 19:1
inspect [1] - 102:1
inspecting [1] -
103:9
inspection [1] -
123:13
inspections [3] -
103:3, 103:5, 103:21
install [1] - 19:2
installation [3] -
97:17, 118:14, 118:19
installed [1] - 127:5
instance [2] - 21:15,
129:1
intact [2] - 15:13,
15:14
intent [2] - 26:6, 36:8,

intentional [1] -
102:18
interconnection [1] -
63:2
interconnections [1]
- 115:17
interested [1] - 95:12
interesting [1] -
121:24
interests [1] - 81:20
internally [1] -
103:17
interrupt [1] - 46:12
interrupts [1] - 79:20
intersection [2] -
24:19, 117:7
intersections [1] -
24:9
interstate [4] - 21:2,
26:13, 75:17, 95:9
introvert [1] - 136:6
involved [14] - 29:11,
29:18, 75:5, 78:17,
81:7, 84:18, 89:6,
90:12, 103:14, 105:8,
105:10, 105:12,
110:14, 133:16
involving [2] - 28:10,
29:12
issuance [2] - 35:23,
127:23
issue [15] - 8:12,
15:10, 15:20, 20:14,
20:21, 28:17, 29:2,
36:13, 79:2, 81:3,
83:14, 83:19, 86:24,
108:23, 115:19
issues [11] - 7:16,
20:17, 36:1, 67:5,
96:23, 101:3, 115:16,
116:1, 130:20,
130:22, 131:7
item [1] - 23:21
ITEMS [1] - 1:5
itself [1] - 56:2

J

jackhammered [1] -
92:20
Jackson [2] - 66:22,
138:11
jag [1] - 45:5
jagged [1] - 45:5
James [1] - 37:15
Jamie [3] - 1:21,
139:4, 139:16
jami eatkinson5@
gmail.com [1] - 1:23
January [4] - 130:7,

130:9, 130:18
Jared [1] - 31:6
Jerald [1] - 2:11
gerald.hess@
apexcleanenergycom
[1] - 2:13
Jeremy [1] - 4:14
Jim [1] - 90:15
job [5] - 105:15,
112:7, 112:11, 112:23
jobs [1] - 19:5
join [1] - 4:6
July [3] - 49:20,
50:17, 72:14
jump [3] - 102:9,
112:13
jumped [1] - 114:6
junction [2] - 126:19,
129:6
jurisdiction [3] -
31:14, 46:23, 128:3
jurisdictional [4] -
42:10, 42:20, 44:11,
44:19

K

K-A-T-I-N-A [1] -
27:12
Kains [9] - 2:22,
8:18, 9:7, 51:10,
52:19, 80:7, 80:21,
82:23, 129:19
KAINS [142] - 4:19,
6:14, 6:17, 8:13, 8:16,
8:24, 9:5, 11:2, 11:6,
11:9, 11:12, 11:16,
11:21, 16:22, 17:5,
27:3, 27:7, 27:10,
27:13, 28:1, 28:5,
28:12, 28:19, 29:5,
29:13, 29:15, 29:19,
29:22, 30:9, 30:11,
30:13, 30:15, 30:20,
30:22, 31:1, 31:20,
31:24, 32:4, 32:8,
32:11, 34:12, 34:16,
34:20, 35:18, 35:24,
36:12, 36:16, 37:7,
37:13, 37:17, 37:20,
45:9, 45:18, 45:21,
46:11, 47:8, 47:20,
48:7, 48:9, 49:5, 50:6,
50:12, 51:9, 51:18,
51:21, 52:1, 53:3,
54:11, 54:15, 54:18,
55:14, 56:4, 58:7,
58:23, 61:14, 61:19,
67:7, 74:24, 78:8,
78:13, 78:24, 79:6,

79:22, 80:1, 81:9,
81:21, 81:24, 82:9,
82:12, 82:18, 83:2,
83:13, 84:9, 84:16,
84:20, 88:16, 88:22,
89:11, 89:15, 90:4,
90:7, 90:17, 91:2,
91:8, 101:6, 106:7,
106:13, 106:16,
110:21, 111:1, 111:4,
113:23, 118:6,
118:11, 121:3, 121:6,
121:11, 122:9, 124:6,
124:11, 124:14,
124:19, 125:10,
125:14, 125:19,
129:13, 132:20,
134:7, 134:12,
134:16, 134:20,
134:24, 135:7,
135:12, 135:18,
136:12, 136:24,
137:3, 137:8, 137:13,
137:16, 138:1
Kalinski [1] - 50:8
Katina [2] - 27:9,
33:11
KB [1] - 99:15
keep [6] - 17:17,
17:19, 67:4, 79:1,
109:24, 116:17
keeping [2] - 25:5,
25:11
Kelly [3] - 1:18, 12:3
Kenny [1] - 79:22
kept [1] - 116:15
KEYT [15] - 6:11,
11:8, 28:15, 28:21,
66:23, 74:17, 80:21,
81:13, 82:23, 125:21,
125:23, 129:10,
134:11, 137:15,
137:22
Keyt [13] - 2:16, 3:5,
6:8, 52:22, 75:1, 78:3,
83:17, 83:18, 125:20,
129:14, 134:9,
137:13, 137:21
kicked [1] - 116:15
kid [1] - 76:6
kilobytes [1] - 99:16
kilovolts [1] - 99:12
kind [25] - 17:10,
20:15, 21:20, 40:20,
53:8, 57:2, 61:20,
62:8, 63:21, 66:24,
75:5, 77:6, 87:10,
90:8, 91:22, 92:13,
94:9, 94:12, 112:8,
118:23, 119:22,

122:18, 127:18,
128:16, 131:9
kinds [1] - 112:20
knife [1] - 62:9
knowledge [3] -
59:3, 78:12, 135:11
knowledgeable [1] -
105:21
knows [4] - 24:8,
63:11, 113:14, 117:14
kV [1] - 99:12

L

LA [3] - 30:8, 30:11,
32:5
lab [1] - 111:21
labeled [1] - 26:14
labor [1] - 129:7
lady [3] - 17:6, 27:4,
90:14
laid [2] - 41:4, 41:6
land [1] - 85:18
Land [1] - 89:22
landowner [5] -
91:20, 110:6, 110:7,
110:11, 117:21
landowners [3] -
54:7, 76:17, 113:5
large [11] - 22:3,
22:11, 23:20, 46:9,
63:3, 100:3, 101:20,
108:20, 110:7,
110:11, 113:2
largely [1] - 94:2
larger [3] - 42:21,
64:4, 114:11
last [35] - 8:3, 8:19,
9:23, 11:14, 12:6,
13:23, 23:12, 33:15,
39:15, 42:8, 55:15,
56:1, 58:3, 69:1,
70:15, 71:20, 78:21,
79:12, 81:17, 82:9,
82:20, 84:4, 86:5,
86:7, 95:24, 99:17,
101:14, 106:13,
110:2, 115:22,
115:23, 122:1, 122:2,
129:19
late [1] - 135:1
latitude [1] - 84:23
law [7] - 47:5, 67:1,
67:6, 80:11, 80:16,
126:9
lawn [2] - 12:17,
12:19
laws [1] - 80:8
lawsuit [3] - 29:24,
81:5, 83:3

lawsuits [1] - 81:7
lawyer [1] - 137:9
lawyers [1] - 27:23
laydown [12] - 25:13,
26:3, 26:7, 26:14,
76:24, 100:14,
100:24, 116:19,
116:21, 117:1, 117:6,
117:23
layout [1] - 94:23
lead [2] - 112:16,
112:23
leak [2] - 61:10,
61:16
leaks [1] - 61:21
leaning [1] - 126:24
lease [1] - 117:22
leases [1] - 113:6
least [4] - 57:17,
58:11, 78:17, 90:8
leave [2] - 126:14,
133:6
led [2] - 42:7, 116:16
left [2] - 15:2, 92:6
Legal [1] - 8:9
legal [5] - 29:10,
48:10, 89:17, 89:21,
90:1
legislation [3] -
79:18, 80:10, 80:11
less [3] - 12:12,
50:20, 135:6
letters [1] - 7:19
level [1] - 104:10
leveled [1] - 104:7
levels [1] - 93:13
leverage [1] - 10:16
levied [1] - 88:24
liable [1] - 47:3
License [2] - 1:21,
139:17
license [1] - 4:4
life [1] - 42:4
lifting [1] - 24:4
ligation [1] - 27:16
light [8] - 77:6, 87:1,
87:5, 88:21, 98:3,
98:8, 98:13, 98:17
light's [2] - 86:20,
86:21
lighting [2] - 118:22,
131:23
lights [5] - 86:10,
86:17, 87:13, 118:20,
131:24
likely [1] - 104:17
likewise [1] - 44:23
limit [1] - 77:23
line [15] - 10:14,
10:15, 31:3, 31:4

31:6, 31:14, 43:9,
43:21, 44:9, 87:11,
99:8, 110:19, 114:19,
114:20
linear [1] - 115:8
lines [4] - 99:6,
114:9, 114:11, 114:13
list [1] - 55:3
listed [3] - 39:8,
68:10, 71:21
listen [2] - 14:2, 14:4
listing [1] - 75:10
litigation [11] - 8:2,
28:16, 29:11, 29:23,
78:15, 78:16, 82:8,
82:15, 82:19, 83:5,
83:10
live [5] - 24:1, 33:9,
33:11, 62:24, 119:13
lived [2] - 12:7, 110:4
lives [3] - 24:8, 31:3,
31:7
living [1] - 94:7
Livingston [1] -
138:5
LLC [3] - 1:7, 1:22,
5:6
LLP [2] - 2:5, 2:8
load [2] - 101:21,
111:23
local [12] - 16:5,
17:16, 18:9, 19:6,
19:8, 24:23, 25:5,
25:9, 25:11, 63:23,
80:8, 114:9
locally [1] - 20:6
located [2] - 28:24,
86:1
location [7] - 94:12,
102:23, 104:20,
117:6, 117:15,
117:21, 118:3
locations [2] - 43:14,
116:2
locked [1] - 54:7
Lockhart [6] - 1:18,
6:18, 7:6, 83:17,
83:24, 125:17
LOCKHART [2] -
6:16, 125:18
Lode [1] - 2:7
log [1] - 122:18
longest [3] - 22:16,
22:18, 23:5
look [14] - 30:18,
33:21, 45:5, 70:20,
74:3, 81:1, 82:4, 83:1,
84:12, 89:13, 91:19,
100:9, 105:3, 119:8
looked [1] - 131:17

looking [8] - 18:11,
45:7, 81:2, 81:19,
98:15, 119:2, 119:5,
119:7
looks [2] - 13:21,
44:3
loop [1] - 29:2
lotus [1] - 73:2
loud [2] - 12:22,
93:20
louder [1] - 94:2
loudest [2] - 93:19
love [1] - 17:19
low [3] - 86:15,
87:16, 97:20
lower [1] - 121:20
luxuries [1] - 68:7

M

ma'am [2] - 16:18,
30:17
machine [2] - 66:2,
102:14
MADE [1] - 138:13
magnitude [3] -
26:24, 88:12, 92:8
mailbox [1] - 131:21
main [6] - 22:5,
42:17, 42:23, 107:4,
107:7, 117:24
maintain [3] - 56:14,
56:16, 62:13
maintaining [1] -
66:13
maintenance [9] -
55:2, 55:5, 55:11,
55:12, 56:11, 56:12,
60:23, 66:15, 133:2
major [4] - 70:14,
76:11, 76:22, 90:11
majority [2] - 76:3,
92:23
man [1] - 17:12
management [2] -
105:9, 126:14
manager [4] -
100:23, 112:24,
130:11, 131:11
manpower [2] - 20:9,
123:12
manual [1] - 128:11
manufactured [1] -
66:6
manufacturer [1] -
14:11
manufacturing [1] -
10:3
manure [3] - 8:3,
29:12, 78:6

map [11] - 25:24,
26:14, 39:16, 43:12,
57:16, 58:13, 58:20,
58:24, 64:20, 68:17,
69:5
maps [2] - 123:2,
123:8
Marathon [3] - 65:4,
114:2, 114:8
March [2] - 66:19,
72:15
material [2] - 60:18,
116:22
Matlin [1] - 109:14
matter [10] - 14:10,
24:17, 28:10, 54:19,
57:23, 74:17, 81:5,
125:8, 134:21, 137:6
matters [1] - 137:10
McCullough [1] -
1:18
mean [23] - 12:16,
12:20, 12:23, 13:1,
15:2, 15:3, 18:2,
18:13, 24:8, 34:10,
50:15, 50:16, 50:21,
51:4, 62:1, 69:1, 70:9,
70:10, 86:20, 110:9,
110:11, 116:20, 124:3
meaning [1] - 126:3
meanings [1] - 96:5
mechanical [1] -
96:16
meet [2] - 18:7,
20:17
meeting [2] - 4:3,
22:7
meetings [2] - 21:23
Meg [1] - 75:3
megawatt [2] -
121:19, 121:21
member [1] - 91:16
Members [5] - 5:1,
5:20, 132:22, 134:8,
134:13
members [3] - 11:23,
11:24, 16:24
memory [1] - 123:9
men [1] - 40:14
mentioned [17] -
23:12, 61:5, 64:3,
97:2, 97:13, 102:14,
104:6, 109:2, 114:2,
114:22, 118:2, 122:4,
123:24, 127:18,
128:10, 128:16,
128:18
message [2] - 23:22,
77:21
messed [1] - 36:19

met [2] - 4:24, 104:2
metal [1] - 54:8
meters [3] - 49:19, 50:3, 120:20
metric [1] - 50:3
Mexico [2] - 65:20, 66:7
Michael [1] - 4:16
microphone [4] - 9:1, 28:6, 88:23, 134:10
middle [4] - 107:10, 108:21, 123:4, 123:16
might [31] - 5:3, 9:2, 10:23, 23:21, 26:14, 28:23, 38:1, 39:18, 39:22, 41:16, 46:7, 48:24, 78:14, 78:24, 80:24, 81:11, 84:1, 84:2, 90:7, 94:24, 95:6, 102:10, 104:12, 108:1, 113:15, 114:8, 121:1, 122:20, 123:21, 131:20, 133:15
Mike [1] - 1:15
mike [1] - 4:10
mile [10] - 12:12, 24:3, 31:11, 33:10, 43:8, 44:22, 89:2, 94:8, 123:5
miles [16] - 44:11, 44:19, 44:23, 45:6, 50:4, 50:11, 50:15, 50:16, 119:5, 120:21, 120:23, 121:9, 121:11, 121:12, 121:13, 121:24
military [1] - 120:7
mill [2] - 32:15, 32:16
Miller [3] - 122:11, 122:12, 125:10
MILLER [7] - 122:12, 123:6, 123:23, 124:17, 124:20, 125:6, 125:9
million [1] - 10:11
mind [1] - 17:21
minimize [2] - 96:6, 96:10
minute [1] - 136:2
minutes [9] - 6:9, 6:12, 6:15, 6:16, 6:17, 6:18, 6:19, 135:6
mischaracterizing [1] - 55:24
misleading [1] - 55:18
misnomer [1] - 26:6
MISO [6] - 63:14,

63:16, 63:20, 63:22, 64:4, 129:2
missed [2] - 122:13, 136:23
missing [1] - 55:3
misunderstanding [1] - 132:5
Mix [2] - 20:14, 61:6
mix [2] - 17:9, 43:24
mixed [1] - 136:9
model [5] - 8:20, 9:8, 13:11, 52:18, 64:7
models [3] - 9:17, 26:16, 60:17
moment [1] - 22:7
Monday [2] - 71:6, 71:8
money [1] - 70:8
month [3] - 60:21, 82:21, 134:3
months [16] - 35:4, 35:22, 72:11, 72:21, 72:22, 72:23, 73:4, 79:17, 80:9, 83:6, 95:16, 96:8, 96:15, 98:20, 130:4
Moore [1] - 121:4
MOORE [3] - 113:22, 121:5, 121:9
Moore's [2] - 112:7, 112:23
Morgan [8] - 44:19, 45:15, 66:20, 66:22, 67:11, 75:10, 75:11
morning [1] - 70:19
most [8] - 10:9, 44:9, 49:4, 66:2, 76:2, 102:16, 104:22, 123:11
mostly [1] - 71:9
mouth [1] - 60:2
moved [1] - 24:5
movement [1] - 93:19
moving [2] - 85:15, 102:19
mower [2] - 12:17, 12:19
MR [443] - 4:2, 4:9, 4:12, 4:13, 4:14, 4:16, 4:19, 6:11, 6:13, 6:14, 6:16, 6:17, 8:13, 8:16, 8:18, 8:24, 9:3, 9:5, 9:7, 11:2, 11:5, 11:6, 11:8, 11:9, 11:12, 11:16, 11:21, 16:22, 17:4, 17:5, 17:7, 17:23, 18:5, 18:8, 19:10, 19:16, 19:22, 20:5, 20:22, 21:14,

22:15, 23:2, 23:6, 23:19, 24:1, 24:15, 24:22, 25:12, 25:17, 25:22, 26:2, 26:15, 26:21, 27:1, 27:3, 27:7, 27:10, 27:13, 27:19, 28:1, 28:2, 28:5, 28:7, 28:12, 28:15, 28:19, 28:21, 29:5, 29:13, 29:15, 29:19, 29:22, 30:9, 30:11, 30:13, 30:15, 30:20, 30:22, 31:1, 31:20, 31:24, 32:4, 32:8, 32:11, 32:14, 33:1, 33:6, 33:10, 33:13, 33:18, 33:20, 34:1, 34:12, 34:14, 34:16, 34:17, 34:20, 35:8, 35:13, 35:18, 35:24, 36:12, 36:16, 36:17, 36:23, 37:5, 37:7, 37:12, 37:13, 37:15, 37:17, 37:19, 37:20, 37:22, 38:4, 38:22, 39:8, 39:13, 39:20, 39:23, 40:2, 40:9, 40:20, 41:11, 41:19, 41:24, 42:10, 42:24, 43:6, 43:14, 43:18, 44:4, 44:16, 44:22, 45:3, 45:9, 45:11, 45:18, 45:20, 45:21, 46:11, 46:15, 47:8, 47:11, 47:20, 47:24, 48:7, 48:8, 48:9, 48:17, 49:3, 49:5, 49:8, 49:12, 50:2, 50:6, 50:12, 50:13, 50:21, 51:3, 51:8, 51:9, 51:10, 51:18, 51:20, 51:21, 51:24, 52:1, 52:3, 52:14, 52:19, 53:3, 53:5, 53:11, 53:18, 54:2, 54:11, 54:15, 54:17, 54:18, 54:22, 55:1, 55:10, 55:14, 55:15, 56:4, 56:7, 56:18, 57:1, 57:9, 57:13, 57:19, 58:2, 58:7, 58:12, 58:19, 58:23, 59:1, 59:5, 59:12, 59:20, 60:1, 60:6, 60:15, 60:20, 60:24, 61:9, 61:11, 61:14, 61:18, 61:19, 61:22, 62:7, 62:12, 62:16, 62:19, 63:13, 63:17, 63:20, 64:6, 64:10, 64:14, 64:16,

64:19, 64:22, 64:24, 65:3, 65:11, 65:17, 66:4, 66:9, 66:19, 66:23, 67:7, 67:10, 67:15, 68:5, 68:10, 68:14, 68:22, 69:4, 69:7, 69:13, 69:22, 70:4, 70:9, 70:17, 71:6, 71:11, 71:14, 71:19, 72:1, 72:8, 72:20, 72:24, 73:6, 73:10, 73:14, 73:18, 73:23, 74:3, 74:5, 74:7, 74:11, 74:17, 74:24, 75:2, 75:9, 75:20, 76:1, 76:5, 76:23, 77:5, 78:1, 78:8, 78:13, 78:23, 78:24, 79:5, 79:6, 79:13, 79:21, 79:22, 79:23, 80:1, 80:6, 80:21, 81:9, 81:13, 81:15, 81:21, 81:22, 81:24, 82:9, 82:12, 82:18, 82:23, 83:2, 83:13, 84:8, 84:9, 84:10, 84:16, 84:17, 84:20, 84:22, 85:3, 85:4, 85:19, 85:24, 86:4, 86:19, 87:3, 87:6, 87:10, 87:18, 88:1, 88:6, 88:13, 88:16, 88:20, 88:22, 88:24, 89:11, 89:13, 89:15, 90:3, 90:4, 90:6, 90:7, 90:9, 90:17, 91:2, 91:8, 91:11, 91:22, 92:4, 92:16, 92:23, 93:4, 93:11, 94:1, 94:7, 95:4, 95:11, 95:21, 96:2, 96:18, 97:12, 98:2, 98:14, 99:1, 99:17, 100:2, 101:4, 101:6, 101:13, 102:13, 102:24, 103:15, 103:20, 103:24, 104:6, 104:23, 105:11, 106:5, 106:7, 106:13, 106:16, 110:21, 111:1, 111:4, 113:22, 113:23, 118:6, 118:11, 118:13, 118:18, 118:23, 119:12, 119:16, 119:21, 120:2, 120:8, 120:13, 120:21, 121:3, 121:5, 121:6, 121:9, 121:11, 121:13, 121:17,

121:23, 122:7, 122:9, 124:6, 124:7, 124:11, 124:13, 124:14, 124:19, 125:10, 125:14, 125:18, 125:19, 125:21, 125:23, 129:10, 129:13, 132:20, 132:24, 133:10, 133:13, 133:20, 134:5, 134:7, 134:11, 134:12, 134:16, 134:20, 134:23, 134:24, 135:3, 135:7, 135:9, 135:12, 135:17, 135:18, 136:8, 136:12, 136:21, 136:24, 137:2, 137:3, 137:7, 137:8, 137:12, 137:13, 137:15, 137:16, 137:22, 138:1
MS [85] - 8:6, 8:15, 12:6, 12:9, 12:14, 12:23, 13:14, 14:6, 14:12, 14:15, 14:19, 14:22, 15:1, 15:15, 15:18, 15:22, 16:7, 16:16, 16:19, 27:6, 27:9, 27:12, 27:15, 27:24, 28:14, 29:8, 29:14, 29:16, 29:20, 30:6, 30:10, 30:12, 30:14, 30:19, 30:21, 30:24, 31:2, 31:9, 31:16, 31:18, 31:22, 32:2, 32:7, 32:10, 82:3, 82:11, 82:14, 83:7, 106:11, 106:15, 106:18, 107:1, 107:12, 107:18, 107:21, 108:15, 108:24, 109:12, 110:1, 110:15, 111:3, 111:7, 111:12, 112:1, 112:6, 114:1, 114:12, 114:22, 115:2, 115:11, 116:3, 116:6, 116:19, 117:5, 118:4, 122:12, 123:6, 123:23, 124:17, 124:20, 125:6, 125:9, 129:16, 129:18, 132:18
Multi [1] - 62:22
multiple [5] - 25:8, 96:22, 114:17, 119:8, 123:20
municipalities [1] - 16:5

must ^[1] - 9:16 mysteriously ^[1] - 32:15	never ^[10] - 6:4, 6:5, 20:16, 23:22, 84:4, 84:5, 110:18, 113:11, 113:17 new ^[5] - 13:12, 14:2, 41:16, 112:11, 131:22 newer ^[1] - 13:15 next ^[12] - 9:10, 35:16, 50:13, 57:1, 67:10, 90:19, 91:3, 107:21, 119:13, 119:15, 130:17, 138:6 night ^[30] - 4:22, 8:3, 8:19, 9:23, 11:14, 12:6, 23:12, 39:16, 57:5, 58:3, 71:20, 75:3, 78:21, 79:12, 81:17, 84:4, 86:5, 86:6, 87:5, 97:15, 97:21, 97:23, 98:8, 98:12, 101:14, 129:19, 132:2, 137:17, 138:1 nights ^[8] - 5:2, 5:4, 20:23, 35:14, 97:14, 98:22, 116:11, 122:14 ninth ^[1] - 4:22 nobody ^[2] - 120:15, 120:22 noise ^[5] - 13:3, 13:8, 93:12, 93:13, 96:4 non ^[2] - 67:20, 68:6 non-participating ^[2] - 67:20, 68:6 none ^[1] - 119:16 normally ^[1] - 103:23 north ^[8] - 43:8, 43:16, 70:11, 94:20, 94:21, 95:8, 117:16 North ^[8] - 43:11, 43:18, 43:19, 43:20, 44:8, 75:18, 76:2 northeast ^[3] - 65:9, 94:15, 96:7 northern ^[2] - 44:9, 49:8 note ^[1] - 34:18 notes ^[1] - 6:13 nothing ^[3] - 26:23, 125:19, 131:12 noticeably ^[2] - 26:19, 26:20 noticed ^[1] - 102:16 notifications ^[2] - 125:1, 125:4 number ^[12] - 7:17, 30:7, 40:14, 41:7, 43:22, 56:19, 58:4, 82:6, 93:15, 100:11,	100:14, 109:24 numbers ^[1] - 44:7 numerous ^[1] - 57:14	44:21, 48:17, 50:8, 60:8, 60:16, 62:21, 64:13, 64:14, 64:15, 66:17, 69:1, 70:14, 72:20, 73:1, 74:8, 78:1, 82:16, 83:16, 84:1, 84:2, 84:13, 85:11, 86:20, 86:21, 89:16, 91:12, 92:4, 94:11, 95:15, 95:23, 96:6, 99:1, 103:8, 104:14, 105:11, 108:2, 109:7, 110:8, 112:2, 112:15, 113:13, 117:15, 119:9, 120:5, 120:14, 122:20, 123:21, 124:5, 129:1, 130:8, 132:2, 134:3, 135:4, 137:16, 138:2, 138:3 ones ^[2] - 13:15 ongoing ^[2] - 35:4, 83:9 online ^[1] - 130:8 onset ^[1] - 16:15 Op ^[1] - 62:23 Open ^[1] - 73:22 open ^[9] - 27:16, 28:9, 28:16, 83:14, 83:20, 110:20, 126:5, 126:11, 126:15 operate ^[2] - 114:10, 121:23 operating ^[2] - 80:18, 129:22 operation ^[12] - 33:14, 33:17, 55:2, 55:5, 55:13, 56:13, 71:5, 86:12, 86:13, 87:7, 94:3 operation's ^[1] - 105:8 operations ^[3] - 60:23, 112:21, 125:7 operator ^[1] - 63:23 operators ^[1] - 128:19 opinion ^[1] - 80:23 opposed ^[4] - 28:17, 28:24, 135:23, 136:14 optimality ^[1] - 95:2 options ^[1] - 16:4 order ^[1] - 92:8 ordinance ^[10] - 49:10, 52:4, 52:23, 55:3, 56:5, 56:9, 67:1, 67:5, 79:10 Ordinance ^[5] - 9:12, 46:18, 53:2, 55:19, 56:1	organically ^[1] - 100:21 organizations ^[1] - 128:19 otherwise ^[1] - 16:9 ought ^[2] - 135:13 outpost ^[1] - 61:7 output ^[3] - 88:12, 120:18, 121:19 outset ^[2] - 10:17, 135:24 outside ^[3] - 19:12, 38:19, 56:21 overall ^[5] - 52:12, 63:22, 94:5, 94:10, 96:10 overlap ^[2] - 94:15, 113:18 overlook ^[1] - 105:3 override ^[1] - 58:8 overseeing ^[2] - 112:21, 113:1 own ^[6] - 16:1, 20:2, 52:14, 63:8, 133:8 owner ^[3] - 54:19, 63:7, 63:24 owners ^[1] - 63:6
N				
nacelles ^[1] - 66:1 name ^[11] - 27:8, 27:11, 30:1, 37:17, 68:23, 82:9, 89:12, 90:2, 90:15, 106:14, 111:8 names ^[7] - 30:15, 68:20, 69:6, 69:9, 69:12, 82:7, 103:18 nanslug ^[1] - 122:4 Nathaniel ^[1] - 91:2 natural ^[1] - 114:11 nature ^[3] - 93:16, 98:4, 131:13 nausea ^[1] - 131:1 nautical ^[1] - 119:5 near ^[6] - 14:2, 25:16, 110:3, 110:4, 132:6, 132:8 nearby ^[1] - 16:13 nearly ^[3] - 21:12, 89:16, 130:16 neat ^[1] - 94:22 necessary ^[1] - 46:3 need ^[12] - 7:11, 50:6, 60:13, 69:18, 84:11, 87:20, 98:8, 114:8, 120:23, 121:1, 131:19, 137:18 needed ^[2] - 98:4, 117:4 needs ^[7] - 28:15, 54:4, 83:14, 83:19, 84:18, 126:10 negative ^[1] - 127:13 negotiated ^[3] - 46:14, 127:21, 133:3 negotiating ^[2] - 10:12, 10:16 negotiation ^[2] - 42:7, 47:13 negotiations ^[6] - 10:9, 10:24, 21:8, 35:3, 47:22, 48:6 neighbor ^[8] - 67:17, 67:20, 124:1, 124:3, 124:14, 124:18, 124:22, 124:23 neighbor's ^[1] - 127:13 neighboring ^[3] - 67:16, 91:20, 127:6 neighbors ^[1] - 98:6 neutral ^[1] - 136:14	O	oath ^[4] - 5:11, 11:14, 11:17, 91:5 object ^[13] - 51:11, 51:16, 52:20, 54:5, 54:8, 54:9, 55:16, 55:23, 57:19, 61:11, 66:23, 78:10, 124:7 objecting ^[1] - 74:18 objection ^[5] - 53:3, 56:3, 58:8, 67:8, 124:15 obtained ^[1] - 49:23 obviously ^[6] - 18:13, 21:17, 79:14, 96:8, 105:7, 115:18 occur ^[1] - 47:3 occurrence ^[1] - 133:14 October ^[2] - 49:20, 50:17 odd ^[2] - 7:19, 102:24 OF ^[2] - 1:9, 138:13 Office ^[2] - 8:8, 90:10 office ^[9] - 28:4, 28:8, 29:17, 89:20, 89:23, 89:24, 90:2, 106:2, 117:2 Official ^[2] - 139:4, 139:16 often ^[11] - 20:14, 21:24, 23:21, 60:9, 62:12, 76:19, 98:11, 98:15, 98:16, 98:23, 98:24 oil ^[6] - 42:2, 60:20, 61:9, 61:10, 61:16, 109:14 old ^[4] - 13:11, 21:15, 89:18, 109:17 older ^[1] - 122:20 ON ^[1] - 138:14 once ^[7] - 75:12, 86:20, 86:21, 87:7, 97:17, 100:6, 104:8 one ^[8] - 10:1, 12:10, 13:5, 13:12, 14:3, 21:10, 22:9, 23:5, 23:15, 26:3, 26:4, 26:17, 30:24, 31:22, 33:6, 33:10, 34:5, 34:11, 41:14, 41:18, 42:23, 43:6,	P	P-E-D-I-G-O ^[1] - 106:15 P.C ^[1] - 2:18 p.m ^[6] - 1:12, 21:17, 70:19, 90:24, 91:1, 138:10 p.m. ^[1] - 90:22 pad ^[2] - 19:12 PAGE ^[1] - 3:4 page ^[9] - 21:10, 46:3, 49:12, 52:3, 53:5, 53:20, 53:21, 54:22 paragraph ^[1] - 49:17 parallel ^[2] - 40:18, 70:24 parcels ^[1] - 26:9 part ^[14] - 6:23, 6:24, 21:5, 33:22, 35:2, 36:5, 41:11, 54:16, 64:4, 76:23, 91:21, 101:22, 104:4, 123:3 participants ^[1] - 110:5 participate ^[1] - 110:12 participating ^[7] - 67:19, 67:20, 67:21, 68:6, 68:7, 91:15,

124:21
particular [8] - 8:21, 10:20, 42:1, 44:18, 67:3, 74:8, 79:2
particularly [2] - 79:8, 80:19
parties [6] - 30:16, 46:10, 81:6, 81:7, 82:7, 103:11
parts [1] - 120:5
party [3] - 29:18, 103:4, 103:8
passed [1] - 80:11
passing [1] - 45:17
past [6] - 8:19, 34:7, 41:16, 73:20, 102:8, 102:15
path [1] - 87:23
patio [1] - 19:12
patrols [1] - 69:17
pattern [1] - 88:2
Paxton [2] - 32:14, 91:13
pay [2] - 91:24
paying [1] - 93:22
pays [1] - 114:23
pedestal [2] - 92:18, 92:19
Pedigo [3] - 106:9, 106:10, 106:11
PEDIGO [13] - 106:11, 106:15, 106:18, 107:1, 107:12, 107:18, 107:21, 108:15, 108:24, 109:12, 110:1, 110:15, 111:3
pending [4] - 8:1, 8:11, 82:8, 82:14
people [45] - 6:3, 13:1, 13:2, 18:14, 18:23, 19:8, 24:2, 24:16, 24:24, 25:9, 38:2, 56:19, 56:20, 57:8, 57:11, 57:12, 69:15, 70:23, 76:14, 77:20, 82:16, 96:21, 96:23, 98:12, 98:13, 98:22, 100:17, 100:22, 103:14, 105:21, 106:3, 109:7, 113:12, 113:14, 113:15, 113:16, 117:10, 119:13, 127:9, 131:18, 132:15, 132:16, 136:3, 136:4
people's [2] - 109:22, 119:15
Peoria [1] - 2:19

per [10] - 17:8, 17:11, 19:16, 49:19, 50:4, 120:20, 120:21, 120:23, 121:10
percent [6] - 26:22, 59:13, 59:14, 72:4, 92:10
percentage [1] - 59:21
perform [1] - 98:5
perhaps [3] - 46:13, 80:1, 80:2
period [2] - 97:22, 97:23
permanent [1] - 24:13
permit [20] - 9:13, 9:15, 35:23, 35:24, 41:12, 41:14, 49:21, 52:7, 52:17, 53:7, 53:9, 53:21, 55:22, 80:19, 99:23, 127:22, 127:24, 128:7, 134:4
permits [1] - 47:17
permitted [1] - 119:24
permitting [4] - 23:16, 112:19, 113:3, 113:7
person [7] - 20:23, 42:17, 65:19, 68:6, 68:8, 124:2, 124:23
person's [1] - 89:12
personal [2] - 91:12, 108:22
personally [2] - 20:20, 117:20
pertains [1] - 62:23
pertinent [1] - 128:17
Petigo [2] - 101:10, 111:5
phase [14] - 40:13, 40:24, 66:11, 70:22, 71:17, 85:19, 96:14, 99:23, 107:22, 112:3, 112:12, 112:17, 125:5, 131:18
phases [2] - 55:2, 85:17
phasing [1] - 120:7
Phipps [6] - 37:10, 90:19, 91:2, 91:9, 101:7, 136:20
PHIPPS [24] - 91:11, 91:22, 92:4, 92:16, 92:23, 93:4, 93:11, 94:1, 94:7, 95:4, 95:11, 95:21, 96:2, 96:18, 97:12, 98:2,

98:14, 99:1, 99:17, 100:2, 101:4, 136:21, 137:2, 137:7
Phone [1] - 79:20
phone [2] - 16:21, 100:11
phoned [1] - 48:18
phonetic [1] - 122:4
phrase [2] - 55:1, 85:20
Piatt [3] - 7:19, 64:7, 69:23
pick [1] - 117:14
picture [2] - 39:15, 91:19
piece [6] - 10:9, 22:6, 67:21, 85:5, 92:20, 94:6
pile [3] - 85:22, 85:23, 85:24
pled [2] - 104:7, 104:22
pipe [1] - 65:4
pipeline [1] - 65:7
pipelines [2] - 114:2, 114:11
PJM [2] - 129:3, 129:5
place [26] - 10:6, 19:5, 34:24, 36:18, 56:13, 58:15, 69:18, 71:1, 71:10, 76:7, 76:9, 76:11, 77:6, 77:14, 93:1, 93:3, 98:13, 103:3, 105:17, 109:5, 119:15, 127:23, 128:6, 129:7, 131:22
placed [2] - 52:9, 97:2
placement [1] - 34:22
places [1] - 17:18
plaintiff [1] - 30:16
plan [13] - 10:5, 21:1, 21:6, 21:9, 21:18, 24:23, 33:22, 46:20, 47:11, 47:18, 71:23, 96:23, 109:5
plane [1] - 87:14
planned [2] - 20:11, 20:12
PLANNING [2] - 1:3, 1:14
planning [1] - 45:13
Planning [7] - 1:18, 1:18, 4:3, 7:7, 90:21, 125:16, 138:8
plans [7] - 44:17, 47:15, 67:18, 98:3,

98:8, 98:13, 98:17
plant [6] - 10:3, 10:4, 15:4, 20:2, 73:24, 126:22
planters [1] - 76:7
planting [3] - 22:5, 76:12, 111:10
platform [1] - 64:9
play [2] - 60:5, 78:18
Plaza [1] - 2:12
pledge [2] - 4:7, 4:8
plenty [4] - 18:3, 19:8, 42:18
plow [1] - 15:4
plus [1] - 10:11
point [15] - 4:17, 18:24, 35:19, 36:9, 42:23, 50:14, 69:4, 79:7, 86:13, 99:8, 105:12, 110:13, 118:14, 133:14, 135:14
points [1] - 35:11
police [1] - 24:14
policing [2] - 97:4, 97:8
policy [1] - 24:17
polyps [1] - 120:9
ponder [1] - 137:18
pop [1] - 116:1
portion [3] - 65:9, 95:15, 129:23
POSSIBLE [1] - 1:5
possible [4] - 10:5, 24:10, 100:20, 123:14
possibly [1] - 27:17
post [3] - 42:6, 48:22, 133:5
post-construction [3] - 42:6, 48:22, 133:5
posted [1] - 100:12
potential [2] - 29:12, 84:6
potentially [2] - 95:12, 105:16
pour [1] - 19:11
poured [1] - 41:2
pouring [1] - 96:12
power [9] - 38:24, 59:8, 64:3, 73:9, 107:9, 107:15, 120:17, 120:18
powerful [2] - 119:1, 119:6
practice [1] - 57:23
practices [1] - 38:5
pre [1] - 48:21
precedents [1] - 19:24
preexisting [1] -

85:18
preference [1] - 25:3
prepared [1] - 135:4
present [2] - 16:14, 102:2
PRESENT [1] - 1:14
Present [1] - 1:17
presentation [2] - 106:19, 120:3
presented [3] - 4:5, 68:7, 100:4
presently [1] - 47:21
presiding [1] - 4:17
pretrial [1] - 82:21
pretty [7] - 43:24, 44:3, 71:2, 97:18, 104:9, 110:7, 113:14
prevent [1] - 21:20
previous [3] - 71:24, 102:20, 115:2
previously [3] - 92:5, 101:19, 102:14
price [1] - 10:13
primarily [1] - 101:1
primary [4] - 10:7, 75:23, 109:3, 109:8
private [11] - 29:20, 29:23, 38:21, 41:8, 54:18, 78:15, 78:16, 81:5, 81:7, 83:2, 96:14
problem [6] - 15:7, 84:6, 90:12, 105:18, 115:12, 116:4
problematic [2] - 84:2
problems [2] - 83:22, 100:18
procedure [3] - 61:20, 67:23, 99:24
procedures [1] - 99:18
proceeding [1] - 79:20
PROCEEDINGS [2] - 1:9, 138:13
proceedings [2] - 79:7, 139:7
process [18] - 9:10, 23:16, 23:17, 48:15, 83:8, 89:20, 94:13, 97:18, 101:17, 103:2, 103:16, 105:3, 105:13, 105:15, 108:13, 113:2, 123:1
processes [1] - 99:19
produce [2] - 60:8, 60:9
producing [2] -

60:10, 72:3
proffer [2] - 8:22, 27:21
program [1] - 94:3
progress [1] - 103:6
project [87] - 4:5, 5:12, 6:3, 10:10, 14:1, 17:19, 18:7, 18:9, 18:13, 19:9, 20:10, 23:14, 23:24, 25:11, 35:1, 39:10, 40:6, 40:15, 41:17, 42:4, 42:21, 44:14, 44:20, 45:1, 49:23, 52:12, 55:2, 55:6, 55:7, 55:13, 56:10, 59:2, 60:16, 63:10, 65:5, 65:10, 66:11, 66:14, 66:18, 67:4, 67:9, 70:10, 71:18, 72:11, 72:16, 72:23, 73:7, 73:11, 74:15, 76:18, 80:17, 80:18, 83:21, 86:11, 87:20, 88:11, 91:16, 94:14, 94:22, 94:24, 95:9, 95:13, 95:24, 98:10, 100:8, 100:10, 100:13, 100:21, 112:12, 112:15, 112:24, 113:9, 113:10, 113:12, 114:16, 115:3, 116:7, 116:8, 116:23, 119:4, 119:6, 125:5, 129:6, 130:11, 131:10, 134:1, 135:22
Project [4] - 32:21, 42:12, 63:13, 96:19
projects [13] - 38:15, 41:21, 42:8, 47:15, 67:2, 68:4, 68:16, 68:20, 69:6, 70:15, 72:9, 73:20, 107:11
promise [1] - 91:5
promotes [1] - 104:19
properly [1] - 103:6
property [7] - 35:12, 54:19, 67:21, 77:1, 77:4, 102:18, 110:19
proposal [1] - 35:14
proposed [6] - 35:5, 42:12, 43:10, 43:15, 43:22, 44:6
prospect [1] - 138:2
Prosperity [36] - 14:1, 24:11, 25:8, 37:24, 38:16, 40:10, 41:24, 42:1, 42:14, 50:23, 56:17, 63:13,

68:24, 72:16, 72:17, 73:11, 77:18, 88:8, 95:7, 98:10, 98:16, 100:9, 100:10, 105:23, 115:7, 115:20, 118:1, 119:10, 129:21, 130:3, 130:4, 130:12, 130:14, 130:19, 131:11, 133:22
protect [1] - 102:11
protected [1] - 92:9
Protection [1] - 8:10
protocol [2] - 63:4, 63:11
provide [2] - 61:1, 127:9
provided [3] - 53:7, 74:19, 99:21
prudent [2] - 13:24, 112:14
public [40] - 4:1, 4:22, 4:24, 5:10, 6:7, 6:9, 6:18, 6:19, 6:24, 7:2, 7:4, 7:14, 11:23, 11:24, 14:3, 22:13, 24:14, 32:12, 35:20, 41:9, 70:16, 74:14, 79:11, 82:16, 83:1, 95:3, 100:4, 102:12, 104:5, 108:7, 109:6, 109:21, 112:5, 125:11, 132:10, 136:2, 136:16, 136:17, 138:3
publically [2] - 10:17, 103:15
pull [4] - 26:8, 26:10, 123:19, 129:2
pulled [2] - 132:7, 134:9
pulling [1] - 23:7
purchase [2] - 10:10, 16:6
put [11] - 23:16, 23:17, 24:12, 29:3, 60:1, 70:7, 70:14, 74:22, 107:15, 123:2, 131:21
putting [5] - 23:6, 23:8, 85:16, 98:12, 110:18

Q

quadrant [1] - 34:4
qualify [1] - 80:4
quality [1] - 48:21
quarter [3] - 12:12, 12:13, 123:5

questioned [1] - 81:18
questioning [2] - 43:22, 135:6
questions [49] - 5:19, 5:22, 6:21, 7:8, 7:12, 8:19, 11:22, 12:2, 12:4, 16:24, 27:14, 31:21, 32:11, 32:13, 32:23, 34:13, 37:9, 48:16, 51:16, 51:22, 51:23, 54:4, 78:1, 91:3, 91:9, 91:12, 101:7, 101:8, 101:12, 101:16, 106:6, 106:19, 111:5, 113:24, 118:4, 118:8, 118:11, 125:11, 125:15, 129:11, 129:20, 130:1, 131:1, 132:19, 132:21, 132:24, 134:8, 134:13
QUESTIONS [2] - 125:23, 129:18
quick [1] - 91:11
quickly [2] - 43:1, 100:20
quiet [1] - 48:16
quieter [1] - 13:16
quite [6] - 9:19, 57:10, 65:22, 76:14, 103:13, 113:14
quote [1] - 34:6

R

radar [6] - 118:19, 119:11, 119:17, 119:20, 119:22, 119:23
Radar [1] - 118:21
radical [1] - 118:24
radios [1] - 118:15
raised [2] - 43:1, 88:18
ramp [1] - 121:22
ramping [1] - 121:20
range [2] - 100:16, 121:21
rather [3] - 29:23, 98:17, 126:24
re [1] - 116:1
reach [4] - 32:23, 36:10, 119:17, 119:18
read [2] - 7:18, 7:19
reading [4] - 49:24, 52:14, 56:8, 136:17
ready [3] - 7:22, 21:12, 26:12
realize [1] - 49:15

really [32] - 9:22, 10:14, 14:4, 25:12, 31:24, 41:7, 50:15, 53:11, 59:16, 59:17, 62:6, 70:21, 76:13, 80:22, 84:11, 93:20, 93:21, 93:22, 94:22, 98:19, 98:23, 100:5, 106:3, 107:16, 107:17, 112:11, 120:2, 121:17, 122:1, 124:4, 131:16
rear [2] - 23:2, 23:4
Reardon [1] - 117:9
reason [17] - 9:23, 10:2, 10:7, 14:20, 34:1, 36:4, 76:23, 82:20, 104:21, 105:1, 105:14, 107:1, 107:4, 107:7, 107:12, 137:24
reasoning [1] - 107:3
reasons [6] - 9:22, 25:5, 71:3, 87:2, 102:12, 103:12
rebar [1] - 15:14
receive [1] - 26:12
received [4] - 11:22, 113:6, 131:12, 131:15
recent [1] - 102:16
recently [1] - 131:17
recess [3] - 90:22, 90:24, 138:9
reconnect [1] - 104:19
recontacts [1] - 116:4
reconvene [1] - 4:3
RECORD [1] - 138:13
record [8] - 6:23, 6:24, 7:18, 27:8, 29:3, 46:16, 90:10, 123:10
record's [1] - 47:7
red [2] - 86:10, 131:23
Redi [2] - 20:14, 61:6
Redi-Mix [2] - 20:14, 61:6
redirect [1] - 129:15
REDIRECT [1] - 129:17
reduce [3] - 51:4, 51:5, 95:13
reference [1] - 52:11
referenced [3] - 8:3, 32:5, 39:15
referencing [1] - 96:19
referred [2] - 62:21, 101:18
CSR

referring [3] - 49:9, 51:22, 55:20
regarding [4] - 101:16, 103:4, 133:13, 136:8
regards [1] - 62:23
region [1] - 129:2
Regional [3] - 1:18, 1:18, 7:7
regional [2] - 128:18, 128:19
regrade [1] - 131:20
regular [1] - 64:18
reiterate [1] - 83:8
rejected [1] - 128:7
relate [2] - 62:8, 79:11
related [5] - 8:2, 67:5, 107:17, 107:20, 134:4
relationships [1] - 113:11
relative [2] - 34:22, 34:23
relatively [1] - 41:16
relayed [1] - 37:3
released [1] - 122:2
relevant [11] - 5:12, 5:14, 5:16, 37:3, 66:24, 67:8, 78:9, 78:11, 79:8, 80:19, 102:6
remain [4] - 11:17, 91:5, 126:5, 126:10
remember [5] - 61:20, 63:24, 110:24, 129:23, 133:1
remind [2] - 37:13, 112:6
removed [2] - 92:20, 131:21
repair [10] - 25:1, 37:4, 42:6, 56:9, 67:18, 67:19, 115:11, 116:1, 116:2, 133:6
repaired [2] - 115:6, 115:10
repairs [3] - 55:11, 115:9, 115:22
repeat [1] - 56:6
repeated [1] - 43:7
replaced [1] - 105:2
report [5] - 30:18, 74:19, 74:20, 83:11, 123:11
reported [1] - 89:4
reporter [1] - 137:19
Reporter [3] - 1:20, 139:4, 139:16
reporting [1] - 122:3

Jamie S. Atkinson,

Court Reporter
Vermilion County

Reporting [1] - 1:22
reports [4] - 74:12, 74:14, 103:20, 104:2
representative [1] - 22:8
represented [1] - 30:1
request [1] - 74:22
require [1] - 104:1
required [6] - 21:11, 38:18, 40:22, 55:21, 123:10, 132:4
requirements [2] - 53:2, 55:24
requires [1] - 56:9
reroute [1] - 104:18
reroutes [1] - 104:16
resident [1] - 93:14
residents [7] - 12:1, 38:23, 88:3, 95:13, 101:9, 109:10, 118:8
resolution [6] - 67:23, 83:8, 83:23, 99:18, 99:24, 133:15
resolve [2] - 83:11, 120:15
resource [2] - 20:17, 60:14
resources [3] - 17:18, 20:9, 20:21
respect [3] - 27:19, 29:7, 34:21
respectfully [6] - 51:11, 52:19, 55:23, 58:2, 78:10, 124:7
response [6] - 4:11, 4:15, 69:14, 118:10, 125:13, 134:15
responsibilities [1] - 109:8
responsibility [1] - 63:5
responsible [7] - 36:18, 36:20, 42:2, 63:6, 63:7, 66:12, 66:15
rest [2] - 56:15, 135:16
restoration [1] - 85:5
restricted [1] - 134:1
restriction [1] - 38:17
restrictions [1] - 48:24
restrictive [1] - 71:2
Resume [1] - 91:1
resume [1] - 7:22
retain [1] - 48:5
retained [2] - 48:2, 48:4

Rhonda [2] - 106:9, 106:11
rig [2] - 22:16, 22:18
rights [1] - 68:6
rise [1] - 4:6
Rives [1] - 2:17
RM [1] - 78:10
road [110] - 14:2, 14:3, 19:7, 21:7, 21:13, 22:17, 24:2, 24:4, 24:12, 25:20, 31:10, 31:11, 33:7, 33:15, 34:10, 34:19, 35:3, 35:15, 35:16, 35:19, 36:1, 36:6, 36:7, 36:8, 36:17, 36:22, 37:1, 37:3, 37:14, 41:9, 41:13, 41:19, 42:17, 42:19, 44:18, 45:13, 45:19, 46:4, 46:8, 46:18, 46:24, 47:6, 47:16, 47:22, 53:13, 53:14, 53:19, 53:22, 53:23, 53:24, 54:6, 54:8, 54:16, 66:9, 66:16, 70:16, 72:14, 73:5, 73:15, 73:16, 75:22, 75:24, 77:19, 79:24, 94:23, 95:2, 95:10, 96:13, 97:9, 101:17, 102:5, 102:6, 102:7, 103:8, 103:10, 104:4, 105:1, 108:7, 108:9, 108:11, 108:17, 108:20, 108:21, 109:6, 109:8, 109:11, 109:16, 109:21, 112:5, 114:22, 117:24, 118:2, 124:24, 125:3, 126:4, 126:5, 126:6, 126:10, 126:14, 127:19, 127:21, 127:22, 128:3, 128:5, 131:18, 133:8
Road [3] - 24:1, 73:22, 75:18
roads [37] - 22:22, 33:23, 36:5, 36:18, 38:16, 38:23, 41:8, 41:9, 45:2, 46:19, 46:22, 47:5, 47:10, 47:19, 66:10, 66:11, 66:13, 66:16, 70:3, 70:5, 70:8, 70:11, 75:13, 86:3, 95:3, 96:14, 96:24, 103:9, 104:2, 109:10, 126:2, 128:4, 132:10, 133:1

roadway [3] - 38:19, 42:11, 117:4
roadways [1] - 23:7
robust [1] - 123:1
rock [8] - 15:5, 40:23, 41:7, 93:18, 93:24, 96:13, 117:4
rocks [2] - 15:5, 15:12
role [4] - 105:14, 105:23, 112:10, 130:12
roll [1] - 4:10
rollover [1] - 116:12
room [2] - 113:5, 120:22
rough [1] - 5:22
roughly [6] - 19:14, 43:13, 53:15, 64:17, 69:8, 121:19
route [3] - 20:24, 21:10, 35:5
routes [1] - 45:17
routing [1] - 39:3
row [2] - 17:6, 27:4
Royster [1] - 2:18
RUA [1] - 97:8
rules [1] - 6:8
run [4] - 19:10, 24:16, 45:16, 114:13
running [1] - 86:21
runs [2] - 65:4, 65:9
rural [1] - 46:18
rutting [1] - 108:21

S

safe [5] - 40:3, 73:10, 86:19, 94:1, 98:2
safely [3] - 98:5, 108:12
safety [16] - 21:23, 21:24, 22:6, 22:7, 22:8, 22:13, 23:21, 42:24, 62:20, 62:23, 63:4, 87:2, 102:12, 116:7, 116:14
SAID [1] - 138:14
Samantha [1] - 1:18
sample [2] - 102:16, 102:20
samples [4] - 102:15, 111:16, 111:20, 111:21
Sangamon [1] - 28:23
sara.lode@afslaw.com [1] - 2:9
Sarah [1] - 2:7
Saturday [2] - 36:24,

71:9
saved [1] - 79:22
saw [2] - 13:22, 62:3
Scalie [1] - 51:14
schedule [5] - 10:14, 71:20, 71:23
schedules [1] - 136:22
Schiff [2] - 2:5, 2:8
school [8] - 21:16, 21:24, 22:1, 22:2, 75:4, 75:7, 117:10
scope [6] - 27:20, 51:11, 52:24, 57:21, 78:11, 124:8
Scott [1] - 2:22
seal [2] - 108:14, 133:9
season [2] - 77:13, 117:17
seasonal [1] - 59:18
seat [1] - 11:13
seated [1] - 4:9
second [9] - 10:2, 33:15, 49:19, 50:4, 69:22, 105:16, 105:24, 120:20, 121:3
section [6] - 51:15, 52:15, 55:19, 55:21, 136:10, 136:11
sections [2] - 65:24, 91:23
see [30] - 15:11, 15:19, 20:20, 23:22, 23:23, 24:3, 24:5, 25:23, 25:24, 26:13, 39:3, 49:23, 60:7, 70:23, 72:3, 74:15, 79:23, 84:18, 86:10, 98:23, 104:1, 110:8, 110:10, 116:23, 117:1, 119:10, 123:4, 130:16, 133:18
seed [1] - 15:4
seeing [2] - 111:13, 132:16
seem [1] - 132:8
seemingly [1] - 20:9
segment [1] - 9:10
segue [1] - 22:6
select [1] - 8:20
selected [1] - 52:18
selection [2] - 8:21, 9:8
self [2] - 97:4, 97:8
self-policing [2] - 97:4, 97:8
semis [1] - 117:18
senior [2] - 130:11, 131:10

sense [1] - 47:8
sentence [4] - 49:17, 50:14, 55:8, 56:8
series [1] - 128:21
serious [1] - 84:11
seriously [3] - 68:3, 83:18, 113:19
seriousness [1] - 76:24
serrated [1] - 61:24
serrations [1] - 62:13
serves [1] - 123:9
service [5] - 42:2, 42:6, 101:14, 113:21, 133:5
session [1] - 4:1
set [4] - 51:6, 52:15, 82:21, 103:10
setout [1] - 20:24
setting [1] - 44:5
setup [1] - 55:19
seven [2] - 5:4, 84:4
several [20] - 5:2, 8:19, 22:19, 23:10, 35:4, 35:22, 40:5, 45:12, 53:19, 61:12, 61:13, 73:4, 85:17, 88:1, 94:9, 96:20, 99:19, 115:3, 129:19, 129:20
shadow [1] - 130:22
shape [2] - 92:14, 102:4
SHAPIRO [3] - 129:16, 129:18, 132:18
Shapiro [2] - 3:5, 129:15
share [2] - 21:12, 103:23
shared [3] - 31:13, 101:14, 115:15
sharpen [1] - 62:13
Shaw [3] - 17:2, 17:7, 27:4
SHAW [25] - 17:4, 17:7, 17:23, 18:5, 18:8, 19:10, 19:16, 19:22, 20:5, 20:22, 21:14, 22:15, 23:2, 23:6, 23:19, 24:1, 24:15, 24:22, 25:12, 25:17, 25:22, 26:2, 26:15, 26:21, 27:1
shed [1] - 88:20
sheriff [2] - 90:12, 90:13
sheriff's [1] - 69:17
Sheriff's [1] - 90:9

Sherman ^[12] - 37:10, 49:7, 49:8, 52:2, 55:20, 58:24, 78:13, 81:10, 82:1, 83:15, 88:16, 136:7
SHERMAN ^[113] - 49:8, 49:12, 50:2, 50:13, 50:21, 51:3, 51:8, 51:20, 52:3, 52:14, 53:5, 53:11, 53:18, 54:22, 55:1, 55:10, 56:7, 56:18, 57:1, 57:9, 57:13, 58:2, 58:12, 58:19, 59:1, 59:5, 59:12, 59:20, 60:1, 60:6, 60:15, 60:20, 60:24, 61:9, 61:22, 62:7, 62:12, 62:16, 62:19, 63:13, 63:17, 63:20, 64:6, 64:10, 64:14, 64:16, 64:19, 64:22, 64:24, 65:3, 65:11, 65:17, 66:4, 66:9, 66:19, 67:10, 67:15, 68:5, 68:10, 68:14, 68:22, 69:4, 69:7, 69:13, 69:22, 70:4, 70:9, 70:17, 71:6, 71:11, 71:14, 71:19, 72:1, 72:8, 72:20, 72:24, 73:6, 73:10, 73:14, 73:18, 73:23, 74:3, 74:7, 74:11, 75:2, 75:9, 75:20, 76:1, 76:5, 76:23, 77:5, 78:1, 78:23, 79:5, 79:13, 79:21, 79:23, 81:15, 81:22, 84:22, 85:4, 85:19, 85:24, 86:4, 86:19, 87:3, 87:6, 87:10, 87:18, 88:1, 88:6, 88:13, 136:8
Sherman's ^[2] - 80:9, 80:15
shielding ^[1] - 93:7
shift ^[1] - 98:1
shipping ^[1] - 116:24
Shook ^[1] - 84:9
SHOOK ^[5] - 35:8, 74:5, 84:8, 84:10, 84:17
shook ^[1] - 84:21
show ^[5] - 44:17, 71:23, 82:18, 85:4, 112:14
showing ^[2] - 43:14, 45:4
shows ^[4] - 21:10,

69:6, 71:24, 113:17
shut ^[1] - 87:21
shutdown ^[7] - 43:2, 50:18, 116:7, 116:8, 116:9, 126:1, 126:3
sick ^[2] - 84:13, 84:14
side ^[14] - 25:20, 31:7, 31:10, 36:11, 38:9, 38:11, 40:21, 43:21, 44:5, 44:18, 108:2, 108:3, 110:9, 117:15
sign ^[10] - 23:14, 24:10, 24:19, 24:20, 34:10, 34:15, 34:16, 35:9, 77:15, 124:23
sign's ^[1] - 97:3
signage ^[5] - 23:8, 77:23, 97:1, 114:23
signed ^[2] - 124:21, 124:22
significantly ^[1] - 105:18
signing ^[1] - 45:13
signoff ^[1] - 89:20
signs ^[10] - 24:5, 24:13, 33:4, 33:7, 34:11, 34:22, 34:24, 36:5, 114:23
silences ^[1] - 13:22
silencing ^[2] - 13:12, 62:4
similar ^[11] - 20:18, 38:15, 63:10, 72:23, 73:13, 77:19, 88:9, 98:10, 112:9
simplistic ^[1] - 59:6
simply ^[3] - 7:2, 7:14, 105:19
single ^[2] - 22:7, 110:8
sit ^[2] - 43:23, 48:6
site ^[28] - 9:13, 20:2, 22:7, 22:9, 24:20, 26:11, 29:1, 37:23, 39:14, 43:3, 44:17, 63:10, 68:1, 70:24, 86:3, 92:11, 94:11, 96:7, 100:13, 100:23, 102:19, 103:4, 103:5, 103:11, 113:13, 116:13, 116:15, 132:3
sites ^[7] - 33:24, 38:3, 44:6, 50:23, 67:19, 76:15, 95:3
siting ^[2] - 43:22, 110:10
sitting ^[1] - 117:1
situation ^[4] - 67:21,

70:1, 81:8, 102:22
six ^[4] - 69:8, 89:16, 94:12, 136:22
size ^[5] - 23:24, 72:23, 88:11, 88:12, 98:10
sleep ^[1] - 130:19
slide ^[2] - 68:20, 85:4
slides ^[1] - 69:2
slow ^[1] - 77:22
small ^[8] - 19:10, 19:12, 20:8, 46:2, 101:18, 104:9, 119:11
smaller ^[5] - 9:23, 46:9, 47:1, 72:17, 114:9
SMITH ^[21] - 27:6, 27:9, 27:12, 27:15, 27:24, 28:14, 30:6, 30:10, 30:12, 30:14, 30:19, 30:21, 30:24, 31:2, 31:9, 31:16, 31:18, 31:22, 32:2, 32:7, 32:10
Smith ^[13] - 27:9, 27:13, 27:20, 30:4, 30:23, 78:20, 78:21, 79:11, 81:10, 82:7, 82:13, 83:3, 83:15
Smith's ^[1] - 28:2
Smiths ^[1] - 89:8
snow ^[2] - 119:3, 119:4
soft ^[1] - 12:20
software ^[1] - 50:24
soil ^[10] - 15:6, 80:12, 80:13, 88:18, 102:15, 102:16, 104:7, 104:10, 111:16, 111:20
soil's ^[1] - 111:22
solely ^[1] - 114:16
someone ^[7] - 8:2, 62:15, 93:23, 108:1, 117:14, 124:20, 130:13
sometimes ^[3] - 5:22, 117:17, 136:5
somewhat ^[6] - 63:5, 65:3, 91:12, 93:5, 99:20, 128:18
somewhere ^[1] - 64:20
son ^[3] - 30:14, 31:3, 31:6
soon ^[3] - 31:4, 31:5, 135:15
sorry ^[4] - 31:5, 53:13, 53:20, 95:5
sort ^[6] - 10:8, 21:18,

55:17, 92:8, 100:18, 108:5
sound ^[9] - 12:15, 12:21, 13:12, 13:20, 13:23, 62:4, 62:6, 131:7
sounds ^[3] - 78:15, 105:12, 126:18
source ^[2] - 72:2, 126:20
sources ^[1] - 127:9
sourcing ^[1] - 20:6
south ^[9] - 26:4, 33:11, 43:9, 77:4, 94:17, 94:21, 95:8, 117:16
soybeans ^[1] - 111:11
span ^[1] - 94:14
SPCC ^[1] - 61:17
speaking ^[2] - 70:7, 70:22
specialized ^[2] - 18:22, 19:3
specific ^[2] - 20:24, 26:11
specifically ^[13] - 28:3, 28:7, 29:6, 29:9, 30:5, 44:8, 53:20, 54:6, 64:7, 101:17, 103:4, 104:24, 105:14
specifics ^[1] - 93:10
speech ^[1] - 6:4
speed ^[13] - 34:23, 49:14, 50:15, 50:18, 50:20, 51:2, 51:4, 51:6, 67:6, 77:23, 120:20
speeds ^[2] - 49:19, 121:20
spell ^[3] - 27:10, 37:17, 106:13
spelled ^[1] - 82:10
spinning ^[3] - 130:2, 130:4, 130:6
spit ^[1] - 59:24
splits ^[3] - 63:5, 65:11, 65:12
spoken ^[1] - 8:6
spores ^[1] - 122:2
sports ^[1] - 109:18
spot ^[1] - 117:16
spray ^[2] - 80:12, 80:13
spraying ^[1] - 122:21
spread ^[3] - 15:12, 92:14, 92:21
Springfield ^[2] - 2:22, 41:5
springtime's ^[1] -

115:24
staff ^[1] - 125:15
stage ^[1] - 35:20
stages ^[2] - 18:3, 73:3
stand ^[5] - 5:11, 13:6, 51:9, 60:14, 116:14
standard ^[1] - 116:18
standards ^[3] - 23:13, 86:18, 103:10
stands ^[2] - 61:19, 80:4
stars ^[1] - 69:8
start ^[17] - 16:12, 18:8, 22:6, 38:19, 70:18, 72:12, 94:16, 94:20, 94:21, 95:8, 116:1, 121:14, 121:20, 121:22, 130:6, 135:1
started ^[5] - 21:8, 72:14, 72:17, 73:5, 105:24
starting ^[2] - 43:8, 49:12
starts ^[1] - 113:3
State ^[1] - 139:5
state ^[24] - 18:11, 18:20, 22:22, 27:7, 45:2, 46:17, 47:5, 49:21, 67:1, 67:5, 75:22, 77:19, 77:22, 78:16, 80:8, 80:11, 94:23, 95:2, 95:10, 117:24, 122:17, 123:8, 123:10
statements ^[2] - 5:11, 32:1
States ^[1] - 65:21
states ^[2] - 5:15, 18:12
status ^[2] - 82:15, 82:22
statute ^[2] - 46:17, 67:1
stay ^[7] - 51:18, 57:3, 78:22, 83:14, 92:11, 113:9, 137:6
steak ^[1] - 62:9
steel ^[2] - 65:23, 65:24
steer ^[1] - 23:2
steering ^[1] - 23:4
step ^[2] - 105:20, 134:17
stepped ^[4] - 99:13, 99:15, 106:3, 113:4
still ^[14] - 15:13, 15:14, 24:16, 42:18,

45:23, 56:16, 64:1,
86:10, 93:5, 97:11,
102:8, 102:10,
108:18, 116:4
stock [3] - 85:22,
104:7, 104:22
stockpile [2] - 80:13
stockpiled [1] -
85:12
stop [9] - 24:5,
24:10, 24:13, 24:19,
77:15, 79:18, 79:19,
79:21, 84:13
stopping [1] - 24:18
storage [2] - 59:2,
59:6
store [2] - 116:22,
117:4
stored [1] - 85:20
stories [1] - 68:4
storing [1] - 25:14
story [1] - 41:10
street [1] - 12:10
Street [2] - 2:12,
138:11
stress [2] - 76:13,
76:21
structure [1] - 99:21
students [1] - 22:2
studied [1] - 35:14
studies [3] - 9:14,
9:18, 93:6
study [2] - 58:14,
101:24
stuff [8] - 15:5,
18:10, 24:5, 25:1,
25:14, 50:7, 89:2,
101:20
sub [1] - 73:16
subcontractor [1] -
22:10
subcontractors [3] -
40:5, 40:8, 40:11
subgrade [3] - 85:13,
85:14
subject [10] - 5:19,
6:20, 7:1, 7:12, 46:22,
47:13, 74:21, 126:9,
126:13, 134:21
submission [1] -
9:16
submissions [1] -
53:6
submit [3] - 7:5,
9:14, 52:16
submittal [5] - 52:8,
52:17, 53:7, 53:9,
53:22
submitted [1] - 53:1
subs [1] - 73:19

substation [1] -
99:13
suddenly [1] - 80:11
suggesting [3] -
28:19, 28:21, 45:18
suit [1] - 29:21
Suite [2] - 2:5, 2:8
summarize [1] -
136:23
summer [1] - 21:15
Sunday [2] - 71:12,
97:23
sunrise [3] - 49:20,
50:17, 70:23
sunset [3] - 49:20,
50:17, 70:23
supply [1] - 17:23
support [3] - 76:18,
135:19, 136:13
supporters [1] -
135:3
suppose [4] - 13:15,
20:23, 87:6, 96:24
surprise [1] - 89:23
surprised [1] - 14:5
surrounding [1] -
98:6
surveying [3] -
36:24, 103:13, 112:4
sustain [3] - 53:3,
56:4, 67:7
sustained [3] -
54:20, 61:14, 124:15
swing [1] - 100:23
switch [1] - 51:7
switchyard [4] -
63:9, 73:3, 73:7,
99:14
sworn [1] - 11:13
system [17] - 15:17,
50:3, 55:20, 86:14,
87:1, 87:9, 87:17,
115:16, 118:14,
118:16, 118:19,
118:22, 119:8,
119:20, 119:22,
132:14
systems [6] - 54:23,
55:7, 55:12, 56:10,
59:2, 119:18

T

table [1] - 41:6
talks [4] - 46:18,
53:19, 53:21, 54:23
tall [2] - 64:16, 88:7
team [6] - 46:21,
105:8, 105:9, 113:9,
113:17, 123:19

technical [1] - 53:6
technology [1] -
13:19
template [1] - 124:12
temporary [6] -
22:21, 23:7, 23:15,
77:23, 94:6, 109:9
ten [2] - 43:13, 110:8
tenant [1] - 25:6
tend [1] - 106:2
term [2] - 64:1, 93:10
terminology [1] -
46:16
terms [7] - 66:17,
72:11, 126:4, 126:17,
127:18, 128:15,
128:17
test [1] - 111:21
testified [6] - 51:14,
52:24, 79:12, 81:17,
88:10, 129:21
testify [7] - 5:19, 6:2,
6:6, 11:13, 32:1,
135:10, 136:1
testifying [2] - 7:4,
99:3
testimony [23] - 5:9,
5:10, 5:12, 6:22, 7:3,
7:12, 11:18, 12:5,
45:12, 52:24, 57:21,
58:1, 78:12, 92:1,
101:13, 124:8,
134:17, 135:4, 135:5,
136:9, 136:10,
136:13, 136:16
tests [1] - 48:21
Texas [1] - 128:21
TGM [1] - 117:12
thankfully [1] - 106:3
THE [265] - 2:3,
11:11, 11:15, 11:20,
12:8, 12:12, 12:19,
13:10, 13:17, 14:8,
14:14, 14:17, 14:21,
14:24, 15:9, 15:16,
15:19, 16:2, 16:9,
16:18, 17:14, 18:1,
18:6, 18:16, 19:15,
19:19, 20:1, 20:12,
21:4, 21:22, 22:18,
23:4, 23:11, 23:20,
24:7, 24:16, 25:2,
25:15, 25:19, 25:23,
26:3, 26:18, 26:23,
31:8, 31:13, 31:17,
32:18, 33:5, 33:8,
33:12, 33:16, 33:19,
33:21, 34:18, 35:2,
35:10, 35:17, 35:21,
36:3, 36:14, 36:20,
112:10, 114:5,

37:2, 38:1, 38:13,
39:2, 39:11, 39:18,
39:22, 40:1, 40:7,
40:16, 41:3, 41:13,
41:23, 42:5, 42:14,
43:4, 43:13, 43:17,
44:3, 44:13, 44:20,
45:1, 46:1, 48:23,
49:11, 50:1, 50:10,
50:19, 50:22, 51:5,
52:10, 53:10, 53:16,
54:13, 54:24, 55:9,
56:16, 56:23, 57:6,
57:10, 58:6, 58:10,
58:17, 58:21, 59:3,
59:11, 59:16, 59:23,
60:4, 60:12, 60:18,
60:22, 61:5, 62:2,
62:10, 62:14, 62:18,
63:1, 63:15, 63:19,
63:21, 64:8, 64:12,
64:15, 64:17, 64:21,
64:23, 65:2, 65:8,
65:15, 65:22, 66:7,
66:14, 67:14, 67:22,
68:9, 68:12, 68:19,
68:24, 69:5, 69:11,
69:20, 70:2, 70:6,
70:13, 70:21, 71:8,
71:13, 71:16, 71:22,
72:5, 72:13, 72:22,
73:2, 73:8, 73:12,
73:16, 73:20, 74:1,
74:4, 74:6, 74:10,
74:16, 75:8, 75:16,
75:21, 76:3, 76:10,
77:3, 77:17, 85:10,
85:22, 86:2, 86:9,
86:23, 87:4, 87:8,
87:15, 87:22, 88:5,
88:8, 88:15, 91:7,
91:18, 92:2, 92:12,
92:17, 93:2, 93:9,
93:17, 94:4, 94:18,
95:6, 95:18, 95:22,
96:11, 97:7, 97:16,
98:7, 98:19, 99:11,
99:22, 100:7, 101:5,
101:22, 102:21,
103:7, 103:18,
103:22, 104:3,
104:14, 105:5,
105:19, 106:23,
107:4, 107:16,
107:19, 108:6,
108:16, 109:2,
109:21, 110:6,
110:16, 110:23,
111:2, 111:10,
111:15, 112:3,
112:10, 114:5,

114:15, 114:24,
115:7, 115:15, 116:5,
116:10, 116:21,
117:20, 118:16,
118:21, 119:2,
119:14, 119:19,
119:23, 120:6,
120:11, 120:19,
121:1, 121:16,
121:18, 122:6,
122:23, 123:17,
124:4, 125:3, 125:7,
129:12, 133:4,
133:12, 133:18,
133:22, 134:6,
134:18, 138:13
themselves [2] -
40:5, 93:13
theoretically [1] -
9:24
they've [2] - 45:16,
99:19
thinking [4] - 16:4,
17:15, 74:8, 138:4
third [6] - 9:22,
72:24, 103:3, 103:7,
103:11, 120:5
THIS [1] - 138:13
thoughts [1] - 6:2
thousand [1] - 89:17
three [11] - 6:15,
9:22, 35:15, 42:3,
80:9, 94:8, 98:22,
115:8, 119:5, 120:4
throughout [5] -
38:14, 66:14, 97:24,
103:6, 125:7
TIA [2] - 21:7, 41:18
tied [3] - 41:14,
63:14, 63:16
tile [18] - 24:23, 25:9,
55:7, 55:12, 56:10,
67:18, 104:16,
104:17, 104:18,
107:5, 115:3, 115:5,
115:8, 115:9, 115:12,
115:14, 115:16,
115:22
tillage [1] - 107:6
time's [1] - 21:16
timeline [1] - 73:13
timing [1] - 9:19
title [1] - 112:11
TJ [1] - 33:11
today [6] - 16:20,
34:10, 109:16,
109:17, 109:18,
115:21
toes [1] - 114:6
together [2] -

136:17, 136:18
Tom ^[1] - 49:8
tomorrow ^[6] - 5:8,
 30:18, 135:18,
 137:17, 138:1, 138:9
tonight ^[7] - 5:7,
 7:10, 11:19, 48:20,
 78:20, 129:20, 135:24
took ^[2] - 7:20, 73:4
tooth ^[2] - 13:22,
 62:3
top ^[5] - 24:2, 38:10,
 38:12, 44:14, 92:21
topics ^[1] - 21:24
topsoil ^[8] - 85:6,
 85:9, 85:12, 85:15,
 85:16, 85:17, 86:1,
 104:22
total ^[3] - 40:14,
 115:5, 115:8
totally ^[1] - 81:14
touch ^[2] - 48:14,
 78:22
touched ^[1] - 40:20
towards ^[1] - 126:24
tower ^[4] - 49:14,
 64:18, 65:24, 92:19
towers ^[3] - 19:1,
 64:10, 118:20
town ^[1] - 18:10
towns ^[1] - 69:9
township ^[8] - 36:21,
 37:14, 37:18, 38:22,
 42:19, 48:10, 96:22,
 102:6
Township ^[7] -
 37:16, 44:11, 44:19,
 44:23, 45:22, 46:14,
 75:11
township's ^[2] -
 46:23, 47:10
Townships ^[1] -
 45:15
townships ^[5] - 46:5,
 47:2, 47:23, 48:2,
 48:11
tracks ^[1] - 78:6
traffic ^[23] - 21:5,
 21:6, 21:20, 22:1,
 22:2, 23:12, 33:4,
 36:4, 41:4, 46:20,
 47:18, 69:16, 77:6,
 77:11, 77:14, 77:20,
 77:23, 96:5, 96:23,
 101:23, 128:11
tragic ^[1] - 116:12
trailer ^[2] - 22:19,
 22:24
trailers ^[1] - 117:2
train ^[1] - 86:14

TRANSCRIPT ^[1] -
 1:9
transcript ^[1] - 139:7
transferred ^[1] -
 99:14
transmission ^[6] -
 63:24, 99:6, 99:8,
 113:8, 128:18, 128:19
transparency ^[1] -
 99:20
transportation ^[4] -
 21:6, 21:9, 33:22,
 94:23
traveling ^[1] - 22:13
treated ^[1] - 125:1
trench ^[1] - 39:5
trenching ^[2] -
 38:24, 65:5
tried ^[1] - 62:16
triggers ^[1] - 123:1
triple ^[1] - 44:10
trouble ^[1] - 97:6
truck ^[4] - 17:18,
 34:3, 109:17, 116:12
truckloads ^[1] -
 19:13
trucks ^[13] - 19:17,
 19:21, 34:7, 34:8,
 40:22, 40:23, 41:1,
 45:17, 93:16, 93:18,
 93:24, 117:2
true ^[2] - 137:20,
 139:6
truth ^[1] - 91:6
truthful ^[1] - 11:18
truthfully ^[1] - 11:14
try ^[3] - 16:10, 16:11,
 32:22
trying ^[4] - 10:12,
 60:7, 96:2, 121:4
turbine ^[38] - 8:20,
 9:8, 9:17, 10:1, 18:15,
 19:1, 19:2, 26:11,
 33:24, 40:18, 43:22,
 51:1, 51:2, 52:18,
 60:17, 60:21, 61:10,
 64:6, 65:23, 66:21,
 68:16, 70:24, 75:16,
 86:3, 88:9, 95:3,
 95:24, 97:17, 104:19,
 105:2, 108:2, 111:17,
 111:23, 121:14,
 121:18, 124:22
turbines ^[31] - 14:9,
 14:13, 26:8, 31:9,
 35:5, 35:11, 36:10,
 43:10, 44:5, 49:19,
 56:12, 56:13, 61:16,
 65:18, 67:13, 72:1,
 72:16, 72:17, 85:7,

86:11, 87:21, 88:2,
 88:7, 91:19, 93:12,
 107:23, 110:8,
 120:17, 129:22,
 130:2, 130:4
turn ^[6] - 4:17, 23:1,
 31:5, 31:6, 86:6, 87:1
turning ^[4] - 59:7,
 59:8, 59:10, 59:14
turns ^[1] - 22:21
twice ^[1] - 34:7
two ^[22] - 8:21, 9:9,
 9:16, 26:15, 42:3,
 48:1, 60:16, 74:5,
 74:6, 74:7, 79:17,
 81:6, 81:7, 82:21,
 98:21, 112:8, 116:14,
 134:3, 138:2, 138:3
type ^[10] - 19:4,
 20:10, 21:17, 23:9,
 38:15, 61:1, 66:21,
 77:13, 77:19, 100:10
typical ^[8] - 35:18,
 35:21, 38:6, 42:8,
 50:23, 97:9, 97:18,
 118:1
typically ^[12] - 16:2,
 48:4, 58:10, 61:6,
 94:19, 97:15, 100:22,
 108:22, 119:9,
 122:24, 123:3, 133:5

U

ultimate ^[1] - 126:6
ultimately ^[1] - 83:20
under ^[10] - 5:11,
 11:14, 11:17, 38:6,
 47:4, 47:11, 49:15,
 58:5, 58:11, 91:5
underground ^[3] -
 106:21, 106:22,
 106:24
underneath ^[2] -
 65:7, 114:19
understood ^[2] -
 127:2, 128:15
underway ^[1] - 10:24
unfamiliar ^[1] -
 118:24
uniform ^[1] - 128:11
union ^[1] - 74:9
unions ^[2] - 18:20,
 19:4
United ^[1] - 65:21
units ^[1] - 59:2
unless ^[4] - 47:5,
 67:8, 93:21, 135:9
unmarked ^[1] - 24:9
up ^[89] - 4:4, 5:23,

10:14, 10:15, 15:5,
 15:6, 15:12, 17:2,
 19:1, 19:20, 22:1,
 22:11, 23:8, 23:16,
 23:17, 24:12, 24:18,
 25:8, 30:18, 32:16,
 33:3, 35:16, 36:19,
 49:19, 54:10, 54:11,
 58:3, 58:23, 60:5,
 61:21, 67:6, 72:14,
 72:18, 75:14, 75:21,
 76:2, 76:19, 77:10,
 77:21, 78:4, 82:3,
 83:1, 85:1, 86:11,
 86:20, 89:13, 90:19,
 91:13, 92:18, 96:20,
 97:3, 97:5, 98:14,
 99:13, 99:15, 100:9,
 100:23, 103:1,
 104:21, 108:7, 110:3,
 110:18, 112:14,
 113:17, 115:18,
 116:1, 117:19, 119:8,
 121:20, 121:22,
 124:21, 131:1,
 131:21, 132:16,
 133:2, 133:23,
 134:10, 135:13,
 136:7, 136:10,
 137:24, 138:2
update ^[2] - 50:24,
 90:8
updated ^[1] - 109:24
updates ^[1] - 109:5
upgrades ^[1] - 70:16
US ^[1] - 77:18
usage ^[4] - 124:24,
 125:3, 126:17, 127:14
uses ^[1] - 73:19
utilities ^[1] - 114:9
utility ^[2] - 63:23,
 112:19
utilization ^[1] - 127:7
utilized ^[3] - 115:3,
 126:21, 128:4
utilizing ^[1] - 98:3

V

V162 ^[1] - 64:8
VA ^[1] - 2:13
valid ^[1] - 20:19
variable ^[2] - 41:3,
 59:16
various ^[14] - 33:24,
 34:22, 35:11, 38:14,
 57:6, 57:10, 70:24,
 73:3, 86:16, 95:3,
 100:17, 103:11,
 116:23, 132:15

vast ^[3] - 13:19, 76:3,
 92:23
vehicle ^[1] - 108:22
vehicles ^[3] - 75:17,
 93:18, 93:20
venue ^[1] - 28:24
venued ^[1] - 28:22
Vermilion ^[3] -
 122:12, 123:7, 139:5
versa ^[1] - 63:10
versus ^[9] - 5:9,
 13:12, 43:23, 82:7,
 82:13, 83:3, 91:24,
 99:8
Vestas ^[10] - 9:9,
 10:3, 10:12, 10:18,
 11:1, 22:10, 26:8,
 64:8, 66:3, 105:7
vibrations ^[1] - 131:5
vice ^[1] - 63:10
view ^[1] - 125:4
viewed ^[1] - 7:2
violating ^[1] - 116:17
Voelker ^[1] - 2:18
voicemail ^[1] -
 100:16
voltage ^[3] - 99:12,
 99:13, 107:15
volume ^[1] - 40:22

W

W-A-L-K ^[1] - 82:11
Wacker ^[2] - 2:5, 2:8
wait ^[1] - 26:10
waiting ^[1] - 117:19
walk ^[2] - 70:17,
 82:12
Walk ^[3] - 82:7,
 82:13, 83:3
wants ^[2] - 51:12,
 57:22
watching ^[1] - 93:22
water ^[28] - 15:23,
 16:6, 16:8, 16:12,
 16:13, 16:17, 17:12,
 17:13, 17:15, 17:17,
 17:19, 17:22, 17:24,
 19:6, 19:7, 67:11,
 67:12, 67:15, 114:13,
 114:20, 126:17,
 126:20, 126:21,
 126:24, 127:7, 127:9,
 127:14
Water ^[1] - 114:13
WATTS ^[11] - 4:2,
 4:9, 4:12, 4:14, 4:16,
 6:13, 132:24, 133:10,
 133:13, 133:20, 134:5
Watts ^[2] - 1:15, 4:16

ways [2] - 15:21, 132:1 website [7] - 72:2, 74:23, 82:5, 100:8, 100:9, 100:11, 109:4 WECS [4] - 4:5, 41:11, 41:14, 56:8 week [4] - 71:15, 71:17, 71:21, 138:6 weekend [3] - 71:9, 97:22, 102:16 weekends [1] - 97:14 weeks [4] - 23:10, 79:17, 108:17, 115:22 welcome [2] - 26:5, 26:6 welfare [1] - 81:22 wells [16] - 16:13, 122:15, 122:16, 122:18, 122:20, 122:22, 122:23, 123:3, 123:8, 123:10, 123:12, 123:14, 127:7, 127:10, 127:12 WERE [1] - 138:13 west [7] - 25:21, 43:23, 44:2, 44:15, 64:23, 64:24, 77:2 westernmost [1] - 88:1 wet [1] - 114:7 wheelhouse [1] - 49:2 WHICH [1] - 138:13 whichever [1] - 36:21 White [10] - 39:9, 39:13, 39:16, 68:10, 68:15, 73:14, 73:19, 74:8, 88:4, 88:6 whole [7] - 21:10, 48:12, 94:24, 96:14, 101:24, 113:2, 127:15 wide [2] - 66:12, 100:16 wider [5] - 22:13, 26:17, 66:10, 92:16, 92:17 wife [1] - 137:5 wildlife [1] - 51:22 willing [8] - 36:12, 36:15, 47:4, 81:9, 83:16, 117:22, 127:8, 127:15 Wind [35] - 5:6, 8:20, 9:11, 14:1, 24:11, 25:8, 37:24, 40:10, 41:24, 42:1, 42:12, 42:15, 45:13, 48:20, 49:18, 52:16, 55:18,	56:1, 68:24, 72:16, 72:17, 73:2, 80:7, 88:8, 95:7, 98:10, 100:10, 105:23, 115:7, 118:1, 119:10, 129:21, 130:12, 130:13, 130:19 wind [46] - 12:7, 20:10, 23:24, 31:9, 32:15, 32:16, 33:2, 33:4, 36:4, 39:17, 40:12, 41:21, 43:10, 49:9, 49:19, 50:23, 52:4, 55:3, 56:12, 56:13, 59:7, 60:13, 60:17, 60:21, 61:10, 64:6, 65:17, 67:13, 68:15, 72:1, 83:9, 86:16, 87:21, 88:7, 91:13, 91:21, 97:19, 97:20, 98:20, 105:22, 110:4, 113:3, 120:16, 120:17, 121:14, 121:20 WIND [1] - 1:7 wind's [2] - 59:9, 60:4 windier [1] - 59:19 windmills [1] - 34:4 window [2] - 97:24, 98:21 windows [3] - 71:2, 97:19, 98:12 windy [1] - 59:17 WINSLOW [14] - 111:7, 111:12, 112:1, 112:6, 114:1, 114:12, 114:22, 115:2, 115:11, 116:3, 116:6, 116:19, 117:5, 118:4 Winslow [4] - 101:10, 111:6, 113:23, 118:7 winter [3] - 59:18, 98:20, 115:23 wire [1] - 18:24 wires [3] - 15:2, 15:7, 15:15 wishes [1] - 135:10 WITNESS [263] - 11:11, 11:15, 11:20, 12:8, 12:12, 12:19, 13:10, 13:17, 14:8, 14:14, 14:17, 14:21, 14:24, 15:9, 15:16, 15:19, 16:2, 16:9, 16:18, 17:14, 18:1, 18:6, 18:16, 19:15, 19:19, 20:1, 20:12, 21:4, 21:22, 22:18,	23:4, 23:11, 23:20, 24:7, 24:16, 25:2, 25:15, 25:19, 25:23, 26:3, 26:18, 26:23, 31:8, 31:13, 31:17, 32:18, 33:5, 33:8, 33:12, 33:16, 33:19, 33:21, 34:18, 35:2, 35:10, 35:17, 35:21, 36:3, 36:14, 36:20, 37:2, 38:1, 38:13, 39:2, 39:11, 39:18, 39:22, 40:1, 40:7, 40:16, 41:3, 41:13, 41:23, 42:5, 42:14, 43:4, 43:13, 43:17, 44:3, 44:13, 44:20, 45:1, 46:1, 48:23, 49:11, 50:1, 50:10, 50:19, 50:22, 51:5, 52:10, 53:10, 53:16, 54:13, 54:24, 55:9, 56:16, 56:23, 57:6, 57:10, 58:6, 58:10, 58:17, 58:21, 59:3, 59:11, 59:16, 59:23, 60:4, 60:12, 60:18, 60:22, 61:5, 62:2, 62:10, 62:14, 62:18, 63:1, 63:15, 63:19, 63:21, 64:8, 64:12, 64:15, 64:17, 64:21, 64:23, 65:2, 65:8, 65:15, 65:22, 66:7, 66:14, 67:14, 67:22, 68:9, 68:12, 68:19, 68:24, 69:5, 69:11, 69:20, 70:2, 70:6, 70:13, 70:21, 71:8, 71:13, 71:16, 71:22, 72:5, 72:13, 72:22, 73:2, 73:8, 73:12, 73:16, 73:20, 74:1, 74:4, 74:6, 74:10, 74:16, 75:8, 75:16, 75:21, 76:3, 76:10, 77:3, 77:17, 85:10, 85:22, 86:2, 86:9, 86:23, 87:4, 87:8, 87:15, 87:22, 88:5, 88:8, 88:15, 91:7, 91:18, 92:2, 92:12, 92:17, 93:2, 93:9, 93:17, 94:4, 94:18, 95:6, 95:18, 95:22, 96:11, 97:7, 97:16, 98:7, 98:19, 99:11, 99:22, 100:7, 101:5, 101:22, 102:21, 103:7, 103:18, 103:22, 104:3,	104:14, 105:5, 105:19, 106:23, 107:4, 107:16, 107:19, 108:6, 108:16, 109:2, 109:21, 110:6, 110:16, 110:23, 111:2, 111:10, 111:15, 112:3, 112:10, 114:5, 114:15, 114:24, 115:7, 115:15, 116:5, 116:10, 116:21, 117:20, 118:16, 118:21, 119:2, 119:14, 119:19, 119:23, 120:6, 120:11, 120:19, 121:1, 121:16, 121:18, 122:6, 122:23, 123:17, 124:4, 125:3, 125:7, 129:12, 133:4, 133:12, 133:18, 133:22, 134:6, 134:18 witness [11] - 5:11, 32:13, 50:6, 54:12, 69:23, 91:3, 113:24, 132:22, 134:13, 134:21, 135:1 Witness [1] - 134:19 witnesses [4] - 5:7, 61:13, 135:21 women [1] - 40:14 wonder [1] - 117:5 wondered [3] - 106:21, 107:13, 109:19 wondering [1] - 117:14 word [2] - 62:11, 66:2 words [3] - 9:12, 60:2, 69:24 workers [1] - 10:15 works [6] - 15:6, 18:17, 21:12, 51:13, 62:5, 114:20 worried [1] - 108:19 wrap [1] - 82:3 written [4] - 7:6, 7:16, 7:17, 136:18	117:23 yards [9] - 14:17, 19:14, 19:16, 19:20, 19:21, 19:23, 34:2, 34:3, 38:23 year [14] - 6:5, 21:15, 21:24, 39:19, 59:20, 59:21, 66:17, 72:15, 76:11, 83:6, 113:13, 115:23, 130:9, 133:3 years [16] - 13:11, 13:18, 18:24, 39:20, 41:17, 42:3, 84:4, 86:21, 89:16, 89:17, 96:20, 107:7, 110:17, 110:20, 113:4 yelling [1] - 13:6 yesterday [2] - 38:4, 129:23 yield [3] - 24:10, 24:13, 24:19 yoder [2] - 101:9, 101:11 Yoder [1] - 106:8 YODER [10] - 101:13, 102:13, 102:24, 103:15, 103:20, 103:24, 104:6, 104:23, 105:11, 106:5 young [3] - 17:6, 89:18, 93:5
				Z
				zero [1] - 44:10 zones [1] - 34:23
				Y
				yard [13] - 17:8, 25:13, 26:4, 26:7, 26:14, 76:24, 100:14, 100:24, 116:19, 116:21, 117:1, 117:6,