NATIONAL TRANSPORTATION SAFETY BOARD

IN RE:

THE ACCIDENT INVOLVING : NTSB Accident No. AMTRAK TRAIN #89 AND MOW : DCA16FR007

EQUIPMENT AND EMPLOYEES : NEAR CHESTER, PENNSYLVANIA: ON APRIL 3, 2016

INTERVIEW OF: DREW BROWN, BRUCE SHAFFER, &

HUGH CAMPBELL

Wednesday, September 7, 2016

National Railroad Passenger Corporation, Amtrak Headquarters Philadelphia, Pennsylvania

BEFORE:

RYAN FRIGO, NTSB BOB BEATON, NTSB RICHARD HIPSKIND, NTSB DONALD HILL, BLET MICHAEL HOEPF, NTSB THERESA IMPASTATO, AMTRAK CHRISTOPHER SCHULTE, FRA STEVE STEARN, BMWE

ALSO PRESENT:

FORREST HOLDCROFT, NTSB

This transcript was produced from audio provided by the National Transportation Safety Board.

P-R-O-C-E-E-D-I-N-G-S

INVESTIGATOR FRIGO: Okay. Good afternoon. My name is Ryan Frigo, and I am the investigator in charge for NTSB for this accident. We are here today on September 7th at the National Railroad Passenger Corporation, Amtrak's headquarters in Philadelphia, Pennsylvania to conduct an interview with Mr. Drew Brown, Mr. Bruce Schaeffer, and Mr. Hugh Campbell, who all work for the National Railroad Passenger Corporation, or Amtrak.

This interview is in conjunction with NTSB's investigation of a collision of Amtrak train 89, with workers and equipment, on April 3rd, 2016 near Chester, Pennsylvania, on the northeast corridor. The NTSB accident reference number is DCA-16-FR007.

Before we begin our interview and questions, let's go around the table and introduce ourselves.

Please spell your last name. And please identify who you are representing, and your title. I would remind everybody to speak clearly so we can get an accurate recording.

I'll lead off, and then pass off to my right. Again, my name is Ryan Frigo. Spelling of my last name is F-R-I-G-O. I am the investigator in charge for the NTSB on this accident.

1	MR. HIPSKIND: Good afternoon, everybody.
2	My name is Richard Hipskind. And the spelling of my
3	last name is H-I-P-S-K-I-N-D. I am the Track and
4	Engineering Group Chairman for this accident.
5	(Off the record recording played)
6	MR. BEATON: I'm Bob Beaton. I'm with NTSB.
7	I'm struggling with my recorder at the moment.
8	INVESTIGATOR FRIGO: Spelling of your last
9	name, sir?
10	MR. BEATON: B-E-A-T-O-N.
11	MR. HILL: Don Hill with the BLET Safety
12	Task Force, H-I-L-L.
13	MR. SCHULTE: Christopher Schulte. Last
14	name is Schulte, S-C-H-U-L-T-E, Federal Railroad
15	Administration, Supervisory Safety Specialist.
16	MR. HOLDCROFT: Forrest Holdcroft, H-O-L-D-
17	C-R-O-F-T. I'm with the NTSB (unintelligible). And I
18	will be observing.
19	MR. HOEPF: Hi. I'm Michael Hoepf. And I'm
20	also with the NTSB, and a psychologist.
21	INVESTIGATOR FRIGO: Spelling.
22	MR. HOEPF: Thank you. And it's H-O-E-P-F,
23	my last name. And I'm just going to be an observer.
24	MR. STEARN: Steve Stearn, S-T-E-A-R-N,
25	party spokesman for the Brotherhood of Maintenance of
l	

1	Way Employees.
2	MS. IMPASTATO: Theresa Impastato, I-M-P-A-
3	S-T-A-T-O, Amtrak Deputy Chief Safety Officer.
4	MR. BROWN: Drew Brown, B-R-O-W-N. I'm a
5	safety liaison for Amtrak southern district track.
6	MR. SHAFFER: Bruce Shaffer, S-H-A-F-E-R.
7	I'm the RSON (phonetic) safety liaison.
8	MR. CAMPBELL: Hugh Campbell, C-A-M-P-B-E-L-
9	L, safety liaison, communications signal department,
10	Brotherhood of Railroad Signalmen, BRS.
11	INVESTIGATOR FRIGO: Okay. And before we
12	begin, gentlemen, do we have your permission to record
13	our discussion, our interview with you today?
14	MR. CAMPBELL: Yes.
15	INVESTIGATOR FRIGO: Bruce?
16	MR. SHAFFER: Yes.
17	INVESTIGATOR FRIGO: Drew?
18	MR. BROWN: Yes.
19	INVESTIGATOR FRIGO: Let the record indicate
20	that all three indicated yes. Additionally, do you
21	wish to have a representative with you today?
22	INVESTIGATOR FRIGO: Drew?
23	MR. BROWN: No.
24	INVESTIGATOR FRIGO: Bruce?
25	MR. SHAFFER: Not at this time.

MR. CAMPBELL: Hugh Campbell, no. 1 2 INVESTIGATOR FRIGO: Thank you. And do you 3 mind if we proceed on a first name basis? 4 MR. BROWN: No. 5 MR. SHAFFER: Don't mind at all. INVESTIGATOR FRIGO: Yes. Okay. Excellent. 6 7 Let's proceed. Hugh, if we could start with you. Can 8 you give us a synopsis of your work experience, and take us up to your present job. And let us know how 9 long you've been in that position. 10 11 MR. CAMPBELL: I was hired December 14th, 1987, third generation railroad. Daddy was a 12 13 conductor. His father was an electrician, Pennsylvania 14 Railroad and the Redding Railroad. 15 I got hired in the signal department, was a We started our own signal school with a 16 helper. 17 veteran foreman. And we learned to become maintainers in two years. After that we went to school at Amtrak 18 19 in Lancaster, and learned more about becoming 20 maintainers. My first shift on the trouble truck 2.1 22 (phonetic) was 3:00 p.m. to 11:00 p.m. by myself, 23 Atlantic City line. I moved up to assistant foreman 24 maybe ten years later, like '90s, late '90s. In '97 I became a signal technician, '98 became a communications 25

1 technician. And last year I became safety liaison. 2 MR. SHAFFER: Bruce. Started with 3 Washington Terminal Company down I Washington, DC, 4 April 25th, 1977, as an electrician helper. 5 electrician in '78. Transferred to the B&B (phonetic) department '81. Amtrak took over Washington Terminal 6 7 in '84. That's when I became an Amtrak employee. 8 B&B mechanic until /95. Became a B&B foreman. Then 9 '98 I made supervisor. And then last year I became the RSON Safety Liaison. 10 11 MR. BROWN: Drew. I was hired in June of 2008 as a trackman for Amtrak. Then I became a driver, 12 then a welder. I was a foreman in 2011 to 2012. 13 I welded again. And I've been a safety liaison since 14 15 last year. Okay, thank you. 16 INVESTIGATOR FRIGO: we've all heard that, you know, essentially the three 17 of you have all been safety liaisons for about a year. 18 19 Eight months, yes. MR. BROWN: 20 INVESTIGATOR FRIGO: Eight months. Okay. If someone could, you know, for the purposes of 21 explaining the role of a liaison, and what that title 22 23 entails. Can you explain that for us? 24 MR. SHAFFER: Sure. Bruce again. For me, 25 sometimes guys have issues with going to their

managers, supervisors to, if they have a safety concern, or if they can't get something solved. Then they'll come to us, kind of like taking the bull by the horns and pursue it.

They go to the safety meetings. They have their own safety committees. I attend their meetings as

RSON. And basically go out with the guys, out on the tracks to find issues. Try to correct them on the spot. If they have issues or concerns they'll come to us, and we try to get them taken care of.

MR. CAMPBELL: Hugh Campbell. As liaison I believe I'm to communicate between the craft and the management here. And sometimes it's on site, an issue might be unsafe. Other times it's a practice. Or it's a standard rule that we have applied that's being ignored, or not being informed of.

Typical day starts with a film called 645 (phonetic) with the safety call. That's up and down the corridor, from Washington to Philly, out to Harrisburg. I think the gentlemen are coming around when I pull up to a job. It's, they see me. I get greeted.

I, they bring up the job briefing.

Protection is being explained to me. This is all

slowly getting better. And, you know, the guys know that I'm here, as it's better for me to come up on a situation and find a shortcoming, than it is if the FRA does. I could be money out of their pocket. So, we all want to continue on, and make it to retirement. Thank you.

MR. BROWN: Drew. After the morning call I normally pick a division that I'm going to go to, or a gang. I go to that gang. When I arrive, I try to get there before the briefing. Listen to the briefing. Make sure it's okay.

Then I'll stick around for awhile for the job, to make sure that they're following the briefing, the protection's adequate. I normally just hang out with them for a few hours to make sure they're doing everything safe, see if they have any questions. That's pretty much what I do on a daily basis.

INVESTIGATOR FRIGO: So, it sounds like there's a good amount of independence in safety liaison's ability to go to a job site, and to observe what's going on. Can you walk me through the reporting structure for a safety liaison?

MR. CAMPBELL: Sure. Hugh Campbell. We've had tablets distributed to us. And each tablet has a check sheet. RWP, what we're looking for, what

2.1

1	protection's being provided, a site evaluation, what
2	hazards are out there. Are they addressing their
3	hazards? Is there any hazards that have been missed.
4	Does everybody in that workgroup have agreement with
5	what's going on there?
6	I could get my tablet if you want to see it
7	later. But, and there's vehicle inspections, whether
8	or not they have equipment stored properly, conditions
9	of the truck, anything that could cause a hazard later
10	on. And we can fill out this information in our
11	tablet, and squirt it, bam, it goes right to Matt
12	Pordoe (phonetic) and his people.
13	And we do five of these a week minimum,
14	mixed up, at our leisure. And at the end of the week
15	there's a total. And we get our report. And all these
16	stats go into the safety office.
17	INVESTIGATOR FRIGO: So, do you, is it, do
18	the safety liaisons report to Matt Pordoe for
19	MR. SHAFFER: No.
20	INVESTIGATOR FRIGO: No.
21	MR. SHAFFER: They have a lead safety
22	officer.
23	INVESTIGATOR FRIGO: Okay.
24	MR. SHAFFER: Bruce. Actually, the one that
25	just left for us
I	I .

1 INVESTIGATOR FRIGO: Right. 2 MR. SHAFFER: Jamie McMillan (phonetic), he 3 got another position. So he's gone. But he's actually 4 doing both, back and forth to try to still help us out. 5 But if we have any concerns or issues that need to go to management we'll take them to him. And then he'll 6 7 address it with Matt, or whoever the appropriate 8 manager is. 9 INVESTIGATOR FRIGO: Okay. And just for 10 the, for explanation, Mr. McMillan is an employee of 11 the safety department? MR. SHAFFER: Not at this -- Well --12 13 INVESTIGATOR FRIGO: Or at the time that he was the lead safety --14 15 MR. SHAFFER: Yes. Yes. 16 INVESTIGATOR FRIGO: Okav. 17 MR. SHAFFER: That's correct. Okay. And would that 18 INVESTIGATOR FRIGO: 19 individual, would Mr. McMillan indicate what work sites to go to on a daily basis? Or again, was, is that up 20 to the liaison to determine? 21 22 MR. SHAFFER: Bruce. Pretty much for me it 23 was different than these guys. Because my territory is 24 much bigger. I pretty much have from, not that I've 25 been there yet to all these places, but from Washington

1 to Boston, to Albany, to Chicago, to now it's Michigan, 2 and everything in between that's Amtrak's. All right. 3 Obviously I haven't been to all 4 these places yet. But I've been up north, a bunch of 5 So, I typically talk to Jamie in the different places. If he has morning, or whenever. Say where I'm going. 6 7 something going on he wants me to go check out, that's 8 what I do. Hugh Campbell. I have from 9 MR. CAMPBELL: Harrisburg to Holmsburg Station, down to 5.8 Darby. 10 And what I do is, I contact the supervisors and track 11 Track inspectors whether there's switch 12 inspectors. tests are going on, so I can come out and watch that. 13 That's a great opportunity for me, because I 14 15 get to see track and C&S working together. And then I talk to the other supervisors. I like to see where the 16 gangs are working at. That's where a lot of your 17 younger guys are, who are in training to become 18 19 maintainers. 20 So, I like to get a hit list of three or 21 four spots. But I don't tell anybody where I'm going, 22 you know, because everybody's perfect when they know 23 you're coming up. 24 MR. SHAFFER: Right. So, you know, I'm going to 25 MR. CAMPBELL:

1 show up. I'm not going to bring presents like the 2 Easter Bunny. But I just want to be there, and be, you 3 know, have them knowing kind of like, I could be there, 4 but I might not be there. If I'm not there today, 5 maybe I'll be there tomorrow. So, I like it that way. MR. BROWN: Normally, like I said, in 6 Drew. 7 the morning I'll pick a division. And I'll go to that 8 division. I'll talk to a supervisor, ask where the 9 different gangs are going to be at. And then I'll pick one of the gangs. I don't necessarily tell them which 10 11 gang I'm going to. But I'll pick one of those gangs and head in that direction. 12 INVESTIGATOR FRIGO: Great. Okay. 13 I just want to step back a little here. Because, Hugh, you 14 15 mentioned, you brought up the tablet, which seems to have some information on it. You mentioned there was a 16 checklist. And you mentioned RDBP (phonetic). And I 17 think you mentioned there was a hazard identification -18 19 20 MR. CAMPBELL: Right. 21 INVESTIGATOR FRIGO: -- list as part of 22 that. Was there any training provided to you on how to 23 use the worksheets on that tablet? 24 MR. CAMPBELL: Yes. We had a class upstairs

on the third floor. And we, you know, learned how to

navigate the tablet. What I do is, I printed out the sheets, so I don't have to mess with the tablet. And I do it on a clipboard.

And then I sit down in here, in this room, and then I fill out the tablet itself. Because the tablet's a pain in the butt out in the field. And, you know, so, yes, we had one day of training, which is sufficient for the little thingy.

INVESTIGATOR FRIGO: Okay. And what about for the use of the actual forms, like the hazard identification form?

MR. CAMPBELL: Hugh Campbell. I had no problem with the forms, because they're, they seem close to a job briefing sheet that we fill out for every job anyway. It seems like they were modeled after that.

And we have the freedom, we're, Bill Reagan (phonetic), the south liaison and I, we're going to modify one of those forms to fit craft specific for C&S. Because I can have, I have men that work in the station here who never leave. I just took Bruce around the station. He didn't know where it was.

And, you know, there's ways to go. There's work to be done in here, phone work, computer work, fiber work. And we work in towers. We work in huts,

2.1

you know, for a long time. We have a shop in Leola. 1 2 Beaumont is outside of Lancaster. Those men never 3 That's a factory. So, they never leave. 4 They're not going to be RWP sheets. So, we're 5 modifying it as we speak. INVESTIGATOR FRIGO: So, it sounds like 6 7 you're able to, as a liaison you're able to bring the 8 tools necessary to the employee, with the hazards that 9 they're identifying in their workspace. MR. CAMPBELL: Yes, you can. Well, that's 10 11 like, we can, and we do it. And so far we have full 12 support. 13 INVESTIGATOR FRIGO: Great. And, Bruce. MR. SHAFFER: Same thing. Yes. I'd just 14 15 like to add one more thing to the tablet. It's also an action item, which I find that's going to be used quite 16 Or if we can put something in there that's been 17 addressed for like one or two years. And I'll give you 18 19 an example of that in a second. 20 But then it will go, once it's an action item it will go directly to the manager responsible. 21 22 INVESTIGATOR FRIGO: Okay. MR. SHAFFER: And he'll have to explain why 23 24 it hasn't been done, and what it's going to take to get

Whether it be money, whether it be manpower,

1	whatever the case may be. And it's all about getting
2	solutions, getting the stuff taken care of, removing
3	the safety hazards. I think this will be really good.
4	INVESTIGATOR FRIGO: So, Bruce, do you
5	MR. SHAFFER: Yes.
6	INVESTIGATOR FRIGO: Using that example of
7	the to do list, identifying a hazard, logging into the
8	tablet, the information then going to a manager. How
9	do you then relay, what is the expectation on the
10	safety liaison to relay that decision making back to
11	the craft, and to the employees?
12	MR. SHAFFER: Well, at any time we can go in
13	there and view how far it's proceeded. And we can take
14	that back to the guys.
15	INVESTIGATOR FRIGO: Is there a weekly
16	meeting? Or is there a forum for that to occur?
17	MR. SHAFFER: No. Just on the tablet.
18	INVESTIGATOR FRIGO: Okay.
19	MR. SHAFFER: It's pretty much up to us. I
20	mean, believe me, those guys (unintelligible). They
21	have something that's in their craw, and they want to
22	get it taken care of, then they'll be asking you every
23	time you see them. So, we stay on the line.
24	INVESTIGATOR FRIGO: Great. And then I know
25	Hugh mentioned the requirement to do five of the
ı	

1 MR. CAMPBELL: Evals. 2 INVESTIGATOR FRIGO: -- evals during the 3 Do you know where that information goes after 4 you input it into the tablet, and hit send? 5 MR. CAMPBELL: Hugh Campbell. No, I don't particularly know where it goes. 6 7 INVESTIGATOR FRIGO: Do you ever see any of 8 the results from that cumulatively, over time, as to, 9 you know, a certain number of observations that are conducted by the liaisons? 10 11 MR. CAMPBELL: No. Hugh Campbell. send that I get credit for doing my job basically. 12 But what I do is, I make up a safety counter for 13 communication signals. So, on a monthly basis I cover 14 15 23 and 27. One book is for testing, one is for building and maintaining our signal apparatus. 16 basically our bible. 17 So, I have a safety rule in that calendar. 18 19 When I pick that from my shortcomings from the previous month, things that I see repetitively. And so, I 20 repetitively just keep putting it right back in the 21 22 safety rule books. I mean, on the counter, so they have to read it. 23 24 RWP, which use to be protection against

We can cover that too. And I put a RWP rule

trains.

out there, you know, stuff about the shunts, this, that, the other thing, shortcomings from the week before.

Sometimes I take information that was from a trial that just was, you know, a bonehead move, or something. And then the C&S, what is appropriate for that time of year out of the 23 and 27? I use the, my information after I send it, to rehash, and to bring it back to the men. And to cover it again and say, look, we're missing something here.

INVESTIGATOR FRIGO: Hugh, it sounds like you're capturing a tremendous amount of detail, as to what the men are actually exposed to, and then what the events that are taking place are telling you about what you need to focus on.

And I'm just curious. Is it, does that just end with the safety liaison, and with how you do your checks? Or does that get communicated upward in any way?

MR. CAMPBELL: I have a headquarters in the yard. And I have supervisors at my disposal from my department. And I sit down with them when we do that morning call. It's every morning. And it's, each morning has a different department.

And we, I bounce ideas off of them. And the

latest thing we came up with was, when we were younger we worked by ourselves, and we, as soon as you qualified you went to the tower and introduced yourself. And you went to CTEC (phonetic), Section C. You had Atlantic C line.

So, the next group of guys that come out of school, and they're going to be maintainers, they're going to spend a day with me. They're going to post with me. And we're going to get on a train. And we're going to go to Wilmington.

They're going to see what a dispatcher goes through. Why does this conversation have to be this way? The power director's over here. What's he, what's going on? Trouble desk is right here. Why do I have to answer 42 questions for a clear and arrival? And when I tell you there's a broken bond wire, and to replace bond, it's one half a page, you know.

So, there's a little something like that that we've been bouncing off. And I feel that it's going to help us. I have full support from my supervisor so far.

INVESTIGATOR FRIGO: And, do you guys have the same interaction with supervision? That what you're seeing in the field, and the information that you're gaining, that you're able to have those similar

2.1

conversations?

MR. BROWN: Drew. Yes, I believe so. Like I said, I try to, when I go to the divisions, go to the supervisor first. And then, sometimes afterwards.

Speak with him. Make sure everybody's on the same page, you know. Yes. I believe I have good communication with him.

MR. SHAFFER: Yes. Bruce. Yes.

Definitely. Just to give you a quick little

background. For a couple, well they said a couple of

years. The C&S guys in the south end that Bill

Reagan's the liaison of, were complaining about steps

at the huts.

They'd have a tire butt there, or something. And they had to jump over it, blah, blah, blah. But they were complaining at every safety meeting. They couldn't get anything done.

So, when we came along Bill said, hey, this is a big problem. We need to get it taken care of. Do you know what we can do? I said, yes, go up to (unintelligible). We can talk to Wayne (phonetic), who's, he's in charge of projects, and see what we can do.

Within three or four weeks we had a capital project set up, \$50,000 in it for this year, and like

\$100,000 for next year. So, we start to getting these 1 2 issues resolved. And at every meeting we would update them, 3 4 so they could take it back to the field, and spread it 5 out to their guys. That's how liaisons worked with, on this project. So, it went pretty good. 6 7 INVESTIGATOR FRIGO: Well, that's a great example. Thanks, Bruce. 8 9 MR. SHAFFER: Sure. INVESTIGATOR FRIGO: At this time I'd like 10 11 to pass it on to Mr. Hipskind. I just want to 12 MR. HIPSKIND: Okay, guys. get some of the obvious stuff down. And so, for the 13 three of you, you answer this however you want. But 14 15 the picture I'm getting is that Hugh looks mainly at the signal department, signal employees. And, Bruce, 16 you can describe who you go out and look at. And, 17 Drew, I take it you look at mostly the track gangs? 18 19 MR. BROWN: Yes. MR. HIPSKIND: And so, the thing I want you 20 to answer is, is that the way it is? Or do you look at 21 22 other things? And if you do, give me an example. Hugh Campbell. Primarily 23 MR. CAMPBELL: I have enough territory that George is, George 24 C&S. 25 Stewart (phonetic) is the track liaison in this area,

1 Philadelphia. We have the same headquarters. I don't stop and talk to them, or mess with 2 3 the track guys unless I see something, you know, just 4 outrageous. And I walk right up to the white hat, and 5 I'll talk to them about it. But I'm busy enough with the C&S people themselves. 6 7 MR. SHAFFER: Bruce. Yes. I interact with 8 all the crafts, however, Hugh, Drew, whoever. Ι 9 usually, if it's a different craft, my background is But like I said, I do all crafts. I'll hook up 10 11 with whoever the liaison is in that territory, or with that department or craft. And then we'll go do an 12 13 observation, or whatever the case may be. 14 MR. HIPSKIND: Drew. 15 MR. BROWN: Drew. I never target to go to another craft. But a lot of times with track you have 16 17 other crafts working alongside of then. So, when they're there I'll speak to them. But I don't normally 18 19 target the other groups. 20 MR. HIPSKIND: Okay. And then -- Thank you. And then, for all three of you, have you got enough 21 22 work to do to keep you busy? MR. CAMPBELL: Yes, sir. Hugh Campbell. 23 24 Yes, sir.

Bruce?

MR. HIPSKIND:

MR. SHAFFER: Yes, sir. Just a little brief Thirty-seven of my 39 years was in the terminal. So, now I'm out in the railroad. eye opener. That's a big railroad. It's a lot of miles. And it's overwhelming. And it's also, these guys are good, you know, for what they have to do and the territory they cover, it's impressive. It was an eye opener for me. And that's one main reason I took the job. I wanted to be exposed to Terminal is a whole different thing, a railroad. definite different animal. You get out on the railroad, and right away it's definitely different. MR. HIPSKIND: Okay. Thank you for that, Bruce. Drew? MR. BROWN: Drew. Yes. I believe we have I cover from Bear, Delaware to plenty to do. Washington, DC. So, just getting around to all the different groups, there's a lot of people between Bear and Washington in the track department. Okay. I heard all of you say MR. HIPSKIND: that you're busy, you've got a lot of work. And I, the sense I got too was that you all have fairly large territories. So, are you spread too thin? MR. CAMPBELL: I kind of like it right now. I didn't know there was a GG1. Hugh Campbell.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1 didn't know there was a GG1 at Harrisburg Station until 2 Bruce and I went out there. 3 MR. HIPSKIND: And a GG1 is what? 4 MR. CAMPBELL: It's an engine, a 5 (unintelligible) electric engine. MR. HIPSKIND: The (unintelligible). 6 7 MR. CAMPBELL: Bobby Kenyon (phonetic) 8 (unintelligible) pulled by GG1. But anyhow, I get to 9 see more of the out west, Harrisburg area. mainly a Philadelphia quy. And I'm enjoying it right 10 11 It's a lot of driving. But I get to see different aspects. I get to see that we have all 12 different technology out there now. 13 I'm enjoying it. I think it's fine. 14 15 MR. SHAFFER: I love what I'm doing now. Ι But it's a big territory. 16 But typically if I get a call I can respond within a couple of days. And I 17 can do whatever I can over the phone of course. But, 18 19 like, to go from here to Boston, Washington to Boston, to Albany, that's pretty good territory. But it's 20 doable. 2.1 22 MR. HIPSKIND: Drew? I don't necessarily, Drew. 23 MR. BROWN: 24 don't necessarily think I'm spread too thin. Maybe the only thing I could say is have a liaison on day shift 25

and one on night shift. But I don't think the 1 2 territory is too much, no. Well, he's brought up a 3 MR. HIPSKIND: 4 pretty good question. So, I am aware, and they've 5 impressed upon me that there's a great amount of work that by necessity of operation a lot of the repair 6 7 work, whether it's signal, this craft, or that craft, 8 and line maintenance construction, that a lot of that 9 work is done on the weekends, holidays, and at night. So, when are you guys out there? And when 10 11 is the work getting done? And how well does that match up? Hugh? 12 MR. CAMPBELL: Hugh Campbell. My days off 13 are Friday and Saturday. The south liaison is off 14 15 Sunday, Monday. So I catch half of that weekend work, Sundays, as my regular day. And I think maybe I should 16 come in once in awhile at night to see the men also. 17 There's a lot going on at night, because we 18 19 get the railroad. Trains are sleeping at night. that's a lot of time when track and C&S work in 20 conjunction. And the project has to be done before the 21 22 first train in the morning. MR. HIPSKIND: So, I didn't hear you say 23 this, but do you work primarily daylight hours? 24 MR. CAMPBELL: Yes, primarily day. 25

1	MR. HIPSKIND: All right. And Bruce?
2	MR. SHAFFER: Yes. I also work primarily
3	daylight. But are there times when I should come in at
4	night? Yes, (unintelligible). Yes. I mean, that's
5	just straight up. Yes, I should be in there sometimes
6	at night. I don't know how we'd juggle that as far as
7	whether it would be overtime or, because you can't
8	really swap shifts kind of thing. So, I guess that's
9	something we have to work on. But yes, I
10	(unintelligible).
11	MR. HIPSKIND: Thank you, Bruce. And Drew?
12	MR. BROWN: Drew. I work Monday to Friday,
13	and have Saturday and Sunday off.
14	MR. HIPSKIND: And, but daylight hours
15	mostly?
16	MR. BROWN: Yes, it's daylight hours mostly,
17	predominantly.
18	MR. HIPSKIND: Okay. So, don't take this as
19	criticism. But until we had just this conversation I
20	was under the impression that when the most amount of
21	work is being done that the safety liaisons was there.
22	And that's not necessarily the case right now. Is that
23	fair to say?
24	MR. CAMPBELL: Hugh Campbell. That's
25	correct. They talked about bringing us in when

projects kicked off, and when projects closed out. You know, the first night in a new territory, new characteristic, physical characteristic area, new equipment, new crews working together. That never came about. And when jobs are finished, say a cut over or completion, they give back that. We've not been invited or asked to come in at any of those times. MR. HIPSKIND: Okay. Bruce? MR. SHAFFER: I'm not so sure actually. Because there is a lot of production work that's done during the day also. But they're stretched out through the railroad. And they could be 50, 75 miles apart. But, you know, you have to find out where that's going on then. But there is still stuff at night. But there is still plenty to keep me busy during the day. Drew, do you have an opinion? MR. HIPSKIND: MR. BROWN: Drew. I believe with the division gangs it's pretty even between day and night shift. It would be more of the production gangs and traveling gangs that do a lot of work at nighttime. Okay. And again, for each of MR. HIPSKIND: you, I want you to talk a little bit, to help me understand. And I'll make a statement, and then you

Each of you volunteered for this job.

can kind of respond to it.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1 each of you I'm going to assume, until you tell me 2 different, that you've gone through all the same type of training as the people you're observing. 3 4 And what I want you to comment on is, are 5 you adequately trained to know and understand, when you're making your observations, when you're in that 6 7 liaison role, to know if the processes, procedures, 8 compliance, rules, are being adhered to? 9 MR. CAMPBELL: Hugh Campbell. For my craft, I qualified up the ladder within my craft, 10 11 backhoe operator, and every other date on the roster, I feel confident in that aspect. 12 ves. You lived it, worked it, and 13 MR. HIPSKIND: did it for years, and years, and years? 14 15 MR. CAMPBELL: Yes. 16 MR. HIPSKIND: You can recognize when somebody's doing something deficient? 17 MR. CAMPBELL: (Non verbal response) 18 19 MR. HIPSKIND: Thank you. Okav. Bruce? 20 MR. SHAFFER: Yes, I think I'm Bruce. definitely qualified too. Although not craft specific, 21 22 like, I'm not a track quy. But as far as them working on the railroad and having the right protection up, 23 24 yes, I am qualified to do that. And I feel comfortable 25 with it.

C&S, that's a whole different ball game,
same as ET. But as far as the clearances, and stuff
like that with ET, definitely qualified and comfortable
with it. C&S, I'm pretty comfortable with that also.
I've learned a lot in the last three months. It's
something I didn't know.
MR. HIPSKIND: Yes. ET is the Canton area's
(phonetic)
MR. SHAFFER: Yes (unintelligible)
MR. HIPSKIND: contractors? Okay.
MR. SHAFFER: That's correct.
MR. HIPSKIND: And, Drew?
MR. BROWN: Drew. Yes. Within the track
department definitely. And like Bruce said, I've
learned a little bit more about the other departments.
But within my own department I definitely feel like I
am.
MR. HIPSKIND: Okay. And Ryan may have
covered this. But did any of you have to go through a
specific course or training to help you understand your
position as a safety liaison?
MR. CAMPBELL: Hugh Campbell. We had a week
in Delaware after we were awarded the jobs through a
bid process. What was expected of us was explained.
Some do's and don'ts, you know, that's what I got out

of it.

2.1

2 MR. HIPSKIND: Bruce?

MR. SHAFFER: Yes, Bruce. Yes, that week in Delaware pretty much covered everything I thought. You know, of course, what's really good is that they're very open to discussion. If we have a problem, or if we have something going on we can call our lead safety specialist. That's the first step, Matt Pordoe --

MR. HIPSKIND: God bless you.

MR. SHAFFER: -- or whoever the case may be.

It's very open, very, I mean, I don't hesitate. I

don't think anybody does if we got a question or an

issue. We know who to call. And if they don't have the

answer, they will get it for you.

MR. HIPSKIND: Drew?

MR. BROWN: Drew. Yes. We had the week in Delaware. And I believe the communication that they were saying is good, you know. If I'm not sure on something, I definitely use the phone or email. And normally somebody gets back to me pretty quickly.

MR. HIPSKIND: Okay. So, for each of you again, what, give me your thoughts. What is your overall goal? What's your purpose? We've kind of established you're trained, you have some freedom, you contact with people, you record your observations, all

this. Somebody sum up for me, what's the mission here? What's the overall goal? Hugh, we'll start with you.

MR. CAMPBELL: Well, everybody has facts.

Hugh Campbell. Everybody's facts and figures of ratios and injuries, man hours worked. And we have a lot of names on the wall in Washington of people killed on the railroad. I would like to have no more names put on that wall. That would be very nice.

Part of my motivation is a book I have here,
"Disasters in Pennsylvania". Everything in there
they've learned from. The Boyertown Movie Theater,
that's where you got your exit lights from. You know,
everything like that. So, I want to care about my
fellow man.

I want to make it through a career intact.

You know, my father, he lost a finger on the Redding

Railroad. His buddy lost a life. What good's that?

You come home from World War II to die on the railroad?

I mean, nobody wants to do that. Nobody wants to live,

come from where you come from. You come here for a

living.

And I just, you know, I think I have something to give. And I think we can make this safer. The trains are getting faster. More people are going to be riding the trains. And we're not, our feet are a

little bit slower. So, I think we can look ahead and try to improve upon it. And I saw a shortcoming here. So, I think we can make it through. Thank you.

MR. SHAFFER: Bruce. I agree with you. My number one goal is to try to prevent any and all injuries. That's pretty tough. I mean, the industry we're in is a hard, heavy, fast, everything is big and fast. But there are rules. And if you go by them you're going to be okay. But human nature. So, and that part of it is being out with the guys, letting them know.

To be truthful when we first, when I first started this liaison job it wasn't really well received in the field. Of course, being a supervisor I didn't get much lip. But some of the other liaisons did.

So, but now, I think it's a lot better.

When you walk up to a group, hey, man, how's it going?

And here's our job briefing. And then, you know, you just look it over. And hey, you know, there's something else here I think you should add. You know, call training control instead of 911, blah, blah, blah.

And, oh, yes, man, I didn't know that.

And so, it's a lot better. Before it was like here, you know, what are we going to do? But in eight months it's turned around a lot I think. And I

1 think that's us, by us being out there a lot, being out 2 in the field. 3 MR. HIPSKIND: Okay. Thank you. My goal would be to 4 MR. BROWN: Drew. 5 improve the safety margin, drop the injuries, especially those caused by bad habits or old habits. 6 7 Trying to change our culture a little bit, just make it 8 safer in general. You guys comfortable? 9 MR. HIPSKIND: Okay. 10 Are you still good? 11 MR. SHAFFER: Yes. MR. BROWN: Yes. 12 13 All right. I'm going to MR. HIPSKIND: break up the dialogue here a little bit. I'm going to 14 15 give you a pop quiz. All right? 16 MR. CAMPBELL: Okay. 17 And it's going to be on MR. HIPSKIND: roadway worker. Because all of you deal with roadway 18 19 worker protection. Because you're out there looking at 20 The gangs are working on the track, and all this and that. 2.1 22 So, I'm not saying I know the answers to But I'm just, I'm interested what you think 23 24 about the questions, okay. So, just a real general 25 question, hopefully a short answer. Who can be an EIC,

1 an Employee in Charge. Hugh? 2 MR. CAMPBELL: NORAD (phonetic) qualified, 3 physical characteristics. 4 MR. HIPSKIND: Okay, Bruce? 5 NORAD qualified, and physical MR. SHAFFER: characteristics in that territory that they're in, 6 7 working. 8 MR. HIPSKIND: Okay. You both gave it. 9 Drew, do you differ from that? Or would you add on to that? 10 If it's on, you know, on track 11 MR. BROWN: with most of what we do, you also have to have the 12 13 NW1000, in addition to the NORAD and the physical characteristics. 14 15 MR. HIPSKIND: Okay. And before, I'm just And if anybody takes exception 16 going to state this. The other part of it is, before you're 17 you can holler. NORAD qualified, and all that, that means that you had 18 19 to go through certain training, and get all the cards, and stamps, and approvals, right? So you all agree on 20 Okay. All right. 2.1 that? 22 This is not a trick question. But how many 23 EICs can there be on a job site? 24 MR. CAMPBELL: Our safety rule book states senior foreman will take charge of the work site. 25 We

prefer one EIC. 1 Say one work site is one interlocking, I'll go with one. 2 I prefer one. 3 MR. HIPSKIND: Okay. And I'm going to add 4 to that. When you're out there doing a safety liaison 5 thing, is that something that you detail, to make sure that there is just one? Or have you run into cases 6 7 where there's more than one? 8 MR. CAMPBELL: SON-D (phonetic), track 9 department and C&S. Hugh Campbell. If the track department and C&S are working together, track is 10 11 providing their own track protection. A senior track foreman, he was getting the shunts, he was talking to 12 the tower. 13 The foreman of the C&S group, signal 14 15 department, he was conducting the men on where to dig, 16 how to dig, and replace a switch in the valve. Therefore, one person was in charge. He was informing 17 everyone else. So, that's what, the communication 18 19 worked that way. And I think you just can't beat that. 20 MR. HIPSKIND: Okay. Bruce? 2.1 MR. SHAFFER: One. Bruce. One. 22 MR. HIPSKIND: Okay. Drew? 23 MR. BROWN: Drew. 24 MR. HIPSKIND: All right. Just a couple 25 more, and you're just about done with your pop quiz.

1	All right?
2	MR. CAMPBELL: I'm having so much fun.
3	MR. HIPSKIND: Are you aware of any process,
4	rules, procedure, that allows for foremen to transfer
5	one files (phonetic) to the other foreman by talking to
6	the dispatcher? Hugh?
7	MR. CAMPBELL: I do not know of any transfer
8	of files. I do not.
9	MR. HIPSKIND: So, if I was a foreman, and I
10	had files with the dispatcher, I'd have to give them
11	up. And if another foreman wanted it, he'd have to
12	call the dispatcher?
13	MR. CAMPBELL: Hugh Campbell. You would
14	have to clear up.
15	MR. HIPSKIND: Clear up.
16	MR. CAMPBELL: Give up. And then the next
17	foreman would have to reapply.
18	MR. HIPSKIND: Okay. All right. Bruce?
19	MR. SHAFFER: I agree too. Yes. This would
20	be total separate new form.
21	MR. HIPSKIND: And, Drew?
22	MR. BROWN: Drew. Yes. I also agree.
23	Clear up, and the foreman, the next foreman gets their
24	own job file from the dispatcher.
25	MR. HIPSKIND: All right. This is the last

1	one. You guys are doing really good so far. Can I be
2	an employee out there, and I'll say, can one. Can one
3	be an EIC and not present at the job site? Hugh?
4	MR. CAMPBELL: Hugh Campbell. No.
5	MR. HIPSKIND: Okay.
6	MR. CAMPBELL: It won't happen under my
7	charge.
8	MR. HIPSKIND: And I just want to follow-up
9	with you, Hugh. And if you did come up on a group at a
10	work site, and the EIC was not there, you would have
11	something to say about that?
12	MR. CAMPBELL: Red flag, yes.
13	MR. HIPSKIND: Red flag?
14	MR. CAMPBELL: That's about one.
15	MR. HIPSKIND: Okay. Bruce?
16	MR. SHAFFER: Bruce. I agree with you
17	again. Yes, he's got to be on the job site.
18	MR. HIPSKIND: Okay. And, Drew?
19	MR. BROWN: Drew. I also agree that, yes,
20	he needs to be, has to be on the job site.
21	MR. HIPSKIND: Okay. And tell me if I'm
22	wrong about this. But for this little bit of a pop
23	quiz. And I'm done with it. You guys were basing your
24	answers on your knowledge, your training of roadway
25	worker issues. Is that correct?

1	MR. CAMPBELL: Yes.
2	MR. HIPSKIND: And you're all nodding in the
3	affirmative?
4	MR. BROWN: Yes.
5	MR. HIPSKIND: All right. Great. That's
6	all I've got for right now. I want to hand off to Dr.
7	Beaton, and have him just talk with you a little bit.
8	Okay? Are you guys all still good to go?
9	MR. CAMPBELL: Yes.
10	MR. SHAFFER: Yes.
11	MR. HIPSKIND: All right. Great.
12	MR. BEATON: Gentlemen, I'm Bob Beaton. I
13	work at NTSB in (unintelligible). I mentioned before
14	that we're here to try to learn from you. Okay. So,
15	if I ask you some questions, I apologize in advance if
16	it has a little edge to it. That's sometimes my
17	personality when I get really interested. I get
18	passionate, just like you. You get passionate about
19	your work. And so, it's all friends, friendly here.
20	Tell me a little bit more about the safety
21	liaison position. Do you know when safety liaisons got
22	started at Amtrak?
23	MR. SHAFFER: Bruce. No, I don't. No.
24	MR. BROWN: Drew. No, I don't.
25	MR. CAMPBELL: Yes. Hugh Campbell. I

believe it was like ten years ago. I was a safety 1 2 committee man back when I was a helper. We always had, 3 committees would come and go. And they advertised a 4 safety liaison. I believe it was ten years ago. 5 MR. BEATON: And do you know how they got I mean, ten years ago was this an initiative 6 started? 7 that came up through labor? Or was it an initiative 8 that came down through management? MR. CAMPBELL: Hugh Campbell. I believe it 9 was a agreement between labor and management to make 10 11 preparations for, we were going to be hiring a lot more And things had changed over. We changed 12 new people. from protection against trains to RWP, and so forth. 13 And I believe that's how it came about. 14 15 MR. BEATON: Okay. So, it was probably 16 acceptable to both labor and management. And they 17 worked --MR. CAMPBELL: Yes. 18 MR. BEATON: -- cooperatively to push this 19 20 forward? MR. CAMPBELL: 21 Yes. 22 MR. BEATON: And I realize that you guys 23 have been doing this for about a year or less, eight 24 months or so. From your point of view right now, does 25 the safety liaison role seem to be working?

1	MR. SHAFFER: Bruce. Absolutely.
2	MR. BEATON: Absolutely?
3	MR. SHAFFER: Yes.
4	MR. BEATON: Would you, could you give me an
5	example of
6	MR. SHAFFER: Well, just the way
7	MR. BEATON: why say that?
8	MR. SHAFFER: When we arrive, with the gangs
9	now, like I said earlier, it wasn't, you know, that big
10	a thing when we first started, I didn't think. Guys
11	would kind of shy away from you. Oh, no, here they
12	come, you know, that kind of stuff. They're going to
13	make us do this.
14	Whereas, now, you know Plus, getting out
15	you're starting to know the guys a lot more, because
16	you're seeing them regular. And, you know, they're
17	good with it. They're like, oh, I missed that. I'm
18	glad you brought it up, you know. Just whatever the
19	case may be.
20	MR. BEATON: Okay.
21	MR. SHAFFER: You know, I mean, from just
22	simple like, you'd be better off calling this number to
23	get an ambulance here in case of an emergency, instead
24	of this number.
25	MR. BEATON: Okay.

1 MR. SHAFFER: Oh, I didn't know that. So, I 2 mean, it's getting --So, you have some knowledge of 3 MR. BEATON: 4 the local territory that you can share with --5 MR. SHAFFER: Absolutely. MR. BEATON: -- the crews? 6 7 MR. SHAFFER: Yes. 8 MR. BEATON: Okay. Good. 9 I would say it's all -- Hugh MR. CAMPBELL: Campbell. 10 11 MR. BEATON: Yes. MR. CAMPBELL: It's not wine and roses. 12 13 MR. BEATON: No. MR. CAMPBELL: There's still some areas 14 15 where you bring up a safety issue and a ADA will tell you, don't tell me how to spend my F-ing money, and 16 And so, we have a way around that. We have 17 the action tracker. We can just send it off. 18 19 they'll get the same information through the back door, if they don't want to hear it from us. 20 But some people don't want to adhere to any 21 22 rules. We had a location, the Glen (phonetic) that 12, these stickers, they only warn of asbestos. So, were 23 24 removed, and they drilled into the wall. Then they was 25 told, well, get this project done, or you don't work

1	overtime this weekend, you know. So, there still is
2	that threat
3	MR. BEATON: Okay.
4	MR. CAMPBELL: that the men have to deal
5	with.
6	MR. BEATON: Okay.
7	MR. BROWN: Drew. Yes. I think we've made
8	somewhat of a difference. You know, like Bruce said,
9	in the beginning people avoided us. Now I feel like
10	people approach me now, and ask me questions. Or my
11	phone rings a lot more than it did in the beginning,
12	with the guys wanting to talk about something, or ask
13	questions.
14	MR. BEATON: Okay.
15	MR. BROWN: I think it's making a
16	difference.
17	MR. BEATON: So, I'm just a little confused.
18	Are you viewed as part of the craft? Or are you viewed
19	as part of the management?
20	MR. BROWN: Drew. I don't really know how
21	to answer that. I'm not sure how they all view us.
22	MR. BEATON: How do you view yourself?
23	MR. BROWN: Part of the craft.
24	MR. BEATON: Part of the craft?
25	MR. SHAFFER: Bruce. Part of the craft.
I	I and the second se

1 Yes. That's the big, big difference. 2 MR. CAMPBELL: Hugh Campbell. Part of the I'm the safety liaison. 3 I'm their local 4 chairman. And I'm their red block representative. So, 5 sooner or later they all come to me for something. MR. BEATON: Okay. All right. Very good. 6 7 Good answer. Earlier you were talking a little bit 8 about -- I've got a couple of things running in my head 9 Talking about training, and you've had the one week course down in Delaware. 10 11 During that one week course I imagine you covered a number of topics. Can you give me a sense of 12 what was covered in that one week course? 13 MR. CAMPBELL: Hugh Campbell. We attempted 14 15 to cover fall protection. And Jamie McMillan, our lead safety specialist, gave the guy the hook. And he had 16 It was incomplete, unprepared, and 17 uninformative. It was a complete waste of time. 18 And 19 that's another subject. And we haven't made any positive ground on it lately. 20 MR. BEATON: Have you had a course in fall 21 22 protection? No, I have not. 23 MR. CAMPBELL: 24 MR. BEATON: Yet to come? It's coming. 25 MR. CAMPBELL: Yes.

1 MR. BEATON: Okay. 2 MR. SHAFFER: Bruce. Well that, I think that's a great example, what you said about Jamie 3 4 giving them the hook. Because the managers are behind 5 us 100 percent. And that's the only way it's going to work. 6 7 Because you can go to them with anything, 8 and they're going to do their best to figure out what 9 we can do to get it solved. That's the biggest thing nowadays. We know the problems. Let's get them 10 solved. You know, it's, whether it's money, whether 11 it's manpower. We're addressing all of these issues. 12 13 MR. BEATON: Okay. MR. SHAFFER: So, it's moving in the right 14 15 direction. It's going to take time. Nothing's It's going to take awhile. But we're heading 16 perfect. in the right direction, in my opinion. 17 MR. BROWN: Yes. We're getting there I 18 19 Like we said, just take a little more time, think. getting around some more, meeting more of the guys. 20 2.1 MR. BEATON: Okay. 22 MR. BROWN: Being more visible. 23 MR. BEATON: So, when you go out and meet a

crew, maybe you know some of the guys, you've seen them

before, they're in your territory. I imagine there's

24

1 some stability there. So you develop a relationship 2 with the guys. And they come to you for a variety of 3 How many guys out there are afraid to be proactive with safety issues? Maybe afraid of 4 5 violating the cardinal rule? MR. CAMPBELL: I would say -- Hugh Campbell. 6 I would say 98 percent of my men. 7 They are --8 MR. BEATON: Not 97? 9 MR. CAMPBELL: No. Not 97. I have two 10 percent that are retiring in a year or less. 11 MR. BEATON: Oh, okay. MR. CAMPBELL: So, they would just postpone 12 13 the trial. MR. BEATON: Oh. Effectively 100 percent of 14 15 all of the working guys? Yes, yes. It's looming over 16 MR. CAMPBELL: It's, it impedes their thought process. And it 17 slows them down. And makes them second guess what 18 19 they're doing. 20 MR. BEATON: Yes. MR. CAMPBELL: You know, because we started 21 22 with, just because you've always been doing it with no glasses on, and no gloves, doesn't make it right now, 23 you know. Am I doing, what am I doing wrong here? Am 24 25 doing something? So, we haven't got to the point

1 where the guys are policing themselves enough in a 2 positive way. 3 MR. BEATON: Okay. 4 MR. CAMPBELL: Everybody's just pretty 5 scared. MR. BEATON: Bruce. 6 7 MR. SHAFFER: Again, you know, I think we're 8 heading in the right direction. It's, you know, do we 9 go still and catch the same guys, you know? Yes. know a lot of the guys around the railroad. 10 Like I said, I've been here 39 years. So, yes, I know a lot 11 Even though most of it was in the terminal. 12 of auvs. 13 But still, you see guys out and about. But they'll come up and talk to you now, you 14 15 know. Whereas, before, you know, they didn't want to say anything to managers, because it wasn't getting 16 done. I ain't wasting my time. That's what you hear 17 all the time. 18 19 And now they'll bring it up to me. then, what I got to do is go back to them with answers, 20 2.1 you know. This is who I went to. This is what they're 22 I'll let you know. I'll follow-up. And that 23 means a lot to the guys. 24 MR. BEATON: Okay. MR. SHAFFER: So, like I said, it's a work 25

1 in progress. 2 MR. BROWN: Drew. Yes. Like I was saying 3 earlier, I think the hardest part is breaking the old 4 And just working with that. And trying not to 5 pass the old habits on to the newer group of guys out As far as the cardinal (phonetic) rules, I 6 7 think everybody's pretty nervous about those. 8 MR. BEATON: Okay. I'm not sure if --9 MR. BROWN: So, as a safety liaison is 10 MR. BEATON: 11 there anything that you can do that's affecting guys thinking? Their head's not in the game, or if they're 12 not sort of taking a stand, and watching out for their 13 brothers out there, and saying something about it. 14 15 What can be, what have you guys done about it as safety Is there anything that --16 liaisons? 17 MR. CAMPBELL: Hugh Campbell. MR. BEATON: -- you can do about it? 18 19 MR. CAMPBELL: In specific, you mean, in 20 reference to the cardinal rules committee? 21 MR. BEATON: Yes, yes. We stress that the cardinal 22 MR. CAMPBELL: 23 rules, half of it is in your safety rule book or your 24 standards of excellence. The only thing that's changed

is the punishment for not obeying them.

1 MR. BEATON: Okay. 2 MR. CAMPBELL: Maybe it's the Catholic school in me coming out. But the cardinal rules are 3 4 like the cardinal sin kind of thing, you know. And it 5 just seems like, you know, if you're accused of this it's a death sentence, it's termination. We lost two 6 guys last week for cardinal rule violation, Rule number 7 8 1, tampering with a safety device. So, yes. 9 pretty severe punishment. 10 MR. BEATON: So, how do you deal with that? 11 I mean, a guy is in the process of breaking a cardinal rule, and you observe him, what would you do? 12 Well, I owe it to him. 13 MR. CAMPBELL: can't (unintelligible) to him and myself. Because if I 14 15 let him go on with it, I'm quilty of a cardinal rule 16 also. So, I have --17 MR. BEATON: So, you have to --18 MR. CAMPBELL: Yes. I have to, you know, 19 stop the show. 20 MR. BEATON: Okav. MR. CAMPBELL: But the worst part is, is the 21 fabrication. I can't do that. 22 It's a cardinal rule. He shouldn't be doing that. He shouldn't park here. 23

Then this application of a cardinal rule, it seems to

be that is very prevailing. One, with the guys who,

24

1	somebody doesn't want to do something, they question a
2	cardinal rule. And I pull it out and say, which one
3	are we referencing here?
4	MR. BEATON: Okay.
5	MR. CAMPBELL: You know?
6	MR. BEATON: Yes.
7	MR. CAMPBELL: And then sometimes from the
8	manager, they want to throw a cardinal rule around
9	because they're not getting their way.
10	MR. BEATON: Okay.
11	MR. CAMPBELL: Same thing. How are you
12	interpreting it that way?
13	MR. BEATON: Okay.
14	MR. CAMPBELL: It seems to be interpretation
15	and the application of the death sentence.
16	MR. BEATON: Kind of a reverse working to
17	the rule, huh?
18	MR. CAMPBELL: Exactly.
19	MR. BEATON: Yes. Very good. You guys want
20	to add anything to that, in terms of what you can do?
21	MR. SHAFFER: Bruce. Yes. Just that, just
22	add to what he said. That when it came out about, you
23	know, you're going to be fired, you know. Before it
24	was a major whole violation you had maybe 30 days
25	hanging over your head, whatever the case may be.

But when they come out with the termination, you will be fired. And if you observe it, and you don't turn it in or do something about it, you're going to be fired also. I think it made our job a lot harder for a good while. Getting the message across, listen, these rules have been around for a good while. They're here to protect you. Just do your job. Follow the rules, and you'll be all right. But fear, fear's a great motivator. But it also stopped a lot of work. But I think we're coming around a little bit out of that. But still, people fear that big time. MR. BROWN: Drew. Yes. I think they covered that pretty well. I mean --MR. BEATON: Okay. MR. BROWN: Basically it's fear. MR. BEATON: You know, we're here because of the Chester accident. I understand and appreciate that you weren't there. Did you know these crews that were involved in Chester? MR. SHAFFER: I didn't know anybody. Ι never met them. Yes. MR. BROWN: Yes. Drew. MR. BEATON: Yes?

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

1 MR. BROWN: Yes, I knew them. You knew them? So, you knew 2 MR. BEATON: their -- Had you ever visited these crews in the field 3 4 as a safety liaison? 5 MR. BROWN: Drew. That's not my territory. I work on the southern end. But I, before I was a 6 7 safety liaison I worked in Wilmington. Not in those 8 I was in the welding gang. But I knew them 9 from being in the same base --10 MR. BEATON: Okay. 11 MR. BROWN: -- as that. 12 MR. BEATON: Okay. 13 Hugh Campbell. MR. CAMPBELL: That was a 70 some hour outage, mainly in automatic territory. C&S, 14 15 the signal department routinely does not support track work in the automatic territory, because we don't have 16 apparatus there, no switches signals --17 18 MR. BEATON: Okay. 19 MR. CAMPBELL: -- and whatnot. 20 have blocked (unintelligible) wires, or something. 21 Then they would call them in. But, you know, that's 22 another example of, C&S wasn't there at the beginning 23 of that project that I know of. And C&S wasn't there 24 at the end of it. Nobody was scheduled to be there

with them for protection or support.

The C&S guy, I can protect myself five different ways if I was going to go work on the tracks right now today at North Penn Station here. Five ways that these two gentlemen don't know, because they're not in my craft. The training that we get, the NORAD class and the RWP is not craft specific.

The guy teaching me that class was a conductor. And conductors are cool. They do their job quite well. He doesn't know that I could take the feet off a transformer. I can remove track wires. I can put a shunting barricade. I can shunt the track itself. I can local control. None of that is covered in any of our classes.

When we went to track department we get a safety stand down, I had a supplemental shunting device. I stood next to Jamie McMillan, our lead safety specialist at the time. Three-quarters of the track men didn't know what I was holding. They didn't know what it was.

So, I don't know why they didn't know. I understand I'm in a skilled craft. And we have different training and different schooling. But, you know, a supplemental shunting device, could that have avoided the whole thing? You know, I think so.

Or feed off the transformer, the train would

2.1

52 have been going 15 when it came up in that location. Α TOL would have never entered there. So, yes. bit of shortcoming there. MR. BEATON: Okay. Do you want to add anything else to that? So, I'm going to turn it over. And I'm going to reserve the right to come back and ask you a few follow-up questions.

But I wanted to ask you one more question. And that is, and I appreciate not all of you may have an opinion on this. But I'd like you to put your safety liaison hat on.

And let's go off the railroad for a second. Let's get in my car and just drive down to the shore, okay. And we're going down to the shore. I'm coming up to a bridge. And this time of year is a great time for a lot of road construction.

So, I got some positive guidance from the We see the lights flashing down there in, where cones. the work crew is. And we're at speed at 60 miles an Do we slow down as we go over a bridge in a (unintelligible) work zone, in our car going to the I mean, would that -shore?

MR. CAMPBELL: Hugh Campbell. Yes, sir. And if I was riding with you I would be minded to do so.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	MR. SHAFFER: Bruce. Absolutely.
2	MR. BEATON: Yes.
3	MR. BROWN: Drew. Yes.
4	MR. BEATON: Yes. I'm glad to hear you say
5	that. Because I would definitely be slowing down if
6	we're going down to the shore. Because I want to make
7	sure I get to the shore, right. But now, let's get
8	back on the road, the railroad, all right.
9	And so, we got a work crew out there
10	vacuuming some ballast. We got tracks out of service.
11	We have equipment. We go some out of, we got track and
12	tie going on. So foul (phonetic) time on some tracks.
13	And as a dispatcher, all of a sudden I get a
14	call that says, hey, I'm going to release my foul on
15	one of the tracks. And I'm going to run a train. And
16	you say, good. Because now I can run my train down
17	through that hole. I run that
18	Dispatchers got their head in the game. And
19	they understand the ground situation. Do they run that
20	train through that hole at speed? Or do they put it
21	into a restricted speed?
22	MR. CAMPBELL: Hugh Campbell. We know it
23	had, was operating at maximum allowable speed at that
24	time.
25	MR. FRIGO: I'm just trying to get

1	(Simultaneous speaking)
2	MR. CAMPBELL: Oh, scenario. Okay.
3	MR. FRIGO: The principle, I mean, what's
4	MR. CAMPBELL: I'm sorry.
5	MR. FRIGO: As a safety liaison
6	MR. CAMPBELL: I was just, I would assume
7	that there would be speed restrictions there for the
8	condition of the track. But no, once they give it
9	back, you know, whatever condition MW1000 says that
10	they can leave that track and return it in working
11	order. I fully understand that all they have to do is
12	lay on the horn when they come by.
13	MR. FRIGO: So where
14	(Simultaneous speaking)
15	PARTICIPANT: whatever the dispatch
16	authorizes. You know, it depends on the type of work
17	that's being done. They're just, you know, whatever
18	the case might be. If they clear the track and they
19	give up the foul at normal speed, then the train's
20	going to go at normal speed.
21	MR. BROWN: Drew. Agree that foul's cleared
22	and that the track's at regular speed, that's what
23	they're doing.
24	MR. FRIGO: So what am I missing here, guys?
25	I mean, you and I are going down shore, we come up onto

some bridge work on the highway and we want to slow down even though our lane's clear and we got a 60 mile an hour speed limit.

We're going to slow down out of, you know, we don't want to hit a roadway, we don't want to hit one of the construction workers, we're not sure if somebody's going to turn a backhoe into our lane, we're not sure that a cone doesn't get blown out into the road. We don't know. We're just going to be cautious.

What's the difference between that scenario and what the dispatcher's doing sending a train at 100 miles an hour through a work zone and eh's got an open hole in the area? What am I missing?

MR. SHAFFER: Bruce. When that pullman gives that track back, he's the one in charge of making sure that everybody's in the clear, and he'll have watchmen out that are supposed to make sure everybody's clear in the clear for 15 seconds prior to the train coming to them.

So when he knows that everybody's clear and gives it back at full speed, then there shouldn't be any issue. Everybody should be in the clear away from the rail.

MR. CAMPBELL: Hugh Campbell. You know, I get where we're at here. It's not, if you equate the

two together there, a work zone is a work zone. And without a train restriction being put up or something in the bulletin order, there's no other way. That engineer's assuming it's good to go, he's got good cabs, he's got a good signal, he's got a schedule. He's going to rock and roll.

But by and time, we see the cones out there, we see the men in yellow and orange and whatnot. We slow down just in case we have to do something because we have control of that car, because that second we were buying time for that guy who steps backwards around the cone or something like that.

You know, it's odd to say that we kind of accept that we're going to work and we're going to clear up and let this train go by because it's in our craft. We're cowboys or something and we jump right back in when the train goes by.

It doesn't make sense. We should be treating it the same way as that going over the bridge, over the bay to the shore. You know, a work zone is a work zone.

PARTICIPANT: Yes but, if they have (inaudible) all set up and they have speed limits at 60 miles an hour, you're going to do 60 miles an hour even if the cones are there. It's all about the protection.

2.1

1	If these guys are protected on the highway the same way
2	they're supposed to be protected on a railroad
3	PARTICIPANT: Right, but he said
4	(Simultaneous speaking)
5	PARTICIPANT: He said there was cones.
6	PARTICIPANT: But I'm saying if
7	(Simultaneous speaking)
8	PARTICIPANT: You know what I mean?
9	MR. FRIGO: I mean, you got it. The point
10	here is a work zone is a work zone. And to create a
11	margin of safety, I mean, you know, I ask you to put
12	your safety liaison's hats on, what we know about human
13	beings, they make errors, right?
14	PARTICIPANT: Absolutely.
15	MR. FRIGO: And if I'm going to rely, I'm
16	going to put men that are in potentially harms way by
17	releasing my fouls and then send the train down there
18	at full speed, where's my margin of safety is where I'm
19	getting at.
20	PARTICIPANT: No, I understand.
21	MR. FRIGO: Are you agreeing with me?
22	PARTICIPANT: Yes, I agree.
23	MR. FRIGO: Okay. I mean, I don't want to
24	put words in your mouth, I just wanted to get your
25	perspective on this. Okay, thank you, gentlemen.

(Inaudible).

MR. HILL: Good afternoon, guys. My name is Don Hill, BLET Safety Task Force. Just listening to you guys I just have a few questions. What are your, what is your perspective with regard to the relationship between management and the unions?

MR. CAMPBELL: Hugh Campbell. I need you to be more general on topic, incidents, or I can't, it's kind of a broad brush.

MR. HILL: With regards to safety. Sorry.

MR. CAMPBELL: Hugh Campbell. Most of our safety issues are addressed with attention and follow up, detail, safe is a site. But if it costs money, it's going to get put on the back burner. And the training, the training for safety and our yearly training are five weeks according to our contract of training camp per year has slowly become less of a priority.

The training that we take, I talked to NORAC earlier. It's not craft specific. It's five crafts take the same test. AMT too, management doesn't want to hear it. We have a class of A men and B men.

I've been an A man since 1990. I've never taken power. Okay? The guy who taught me power is retired, he's gone. I took myself off the list. I

took a test to be an A man to take power and never done it.

But they were going to call me in in the middle of the night to go take power out? Get me off of that list. So there's no follow up on it. They can say look, well I got a piece of paper here, you're qualified to do this, you're qualified to do that. It's incomplete.

MR. SHAFFER: Bruce. What I know about it, they have a tendency to butt heads before it really gets things worked out. I really can't say other than that because I haven't been with them. But I know the union is 100 percent safety and I know our group is 100 percent safety.

So as far as, like, rule changes and training, is it a money thing? Not sure. But since we're talking about training, to me, you know, I understand, I hear now that engineering's really taken back over training. I hope that's correct.

To me, if you have somebody from engineering that's been out in the field, has done this work, knows what these guys are dealing with every day, they could teach it a lot better.

When you have somebody teaching a class, I see it every year in NORAC, somebody's got to go in

there and they're scrambled. They just don't have a clue and it's alarming. But they get through it. I think that's probably a little even more alarming.

But now that engineering is going to be teaching those classes, I think that's definitely a step in the right direction. We got to have people that are familiar in the field.

MR. BROWN: Drew. My biggest concern with the training is I think there should be more on the job training, especially with the track forming. The requirements is two years and pass MW1000, have NORAC and PCs.

A lot of people can do that and then get put on the job and, you know, they realize real quick that they don't know as much as they thought they did when they passed these classes. I would like more on the job foreman training, maybe more assistant foreman jobs maybe to put the newer foreman in or just foreman trainers to go around with the newer foreman.

MR. HILL: Taking off of what you just stated, Drew, is that a concern that you believe comes from the union is because the training foreman --

MR. BROWN: That's a concern that a lot of guys have brought up to me, agreement employees, guys that I go around the different work groups. I'll ask

them what their concerns are and that's quite a few of them have brought that up.

MR. HILL: And for you guys, what is your perspective with regards to the employees that you meet when you go to these sites? Their regard, their perspective towards safety?

PARTICIPANT: Various, A to Z. You'll find some guys, the older guys get a little rough around the edges. But most of them, you know, they'll talk to you but they like to blow off a little steam. And that's all part of it.

But big thing I find now is because we have a lot of new hires, young guys who can take these tests and pass them, but then you have to apply it and that's where the problem comes in.

But as far as safety, I think it's doing a lot better. A couple years ago, you know, we're getting people killed out here. So you pound this down their throats, they're listening. It's reality, you know, we've had three people killed. It's like come on guys, this ain't no game. So they're starting to come around. I do believe that.

MR. CAMPBELL: Hugh Campbell. First question on just about every test you take to get promotion within my department, the answer is safety is

of utmost importance of discharge of duty. You know, that's the first one. But you have to wonder down the line if they're more task oriented.

As you said, a lot of the newer guys, hats off to them for stepping up and putting on the white hat, aka the crown of thorns. But some of them can regurgitate what needs to be put on that piece of paper for these NORAC and PCs and all these other qualifications.

And the test is even on a computer now.

I've been here 29 years, so they all seem young to me
now. And the guys I looked up to are all leaving. But
the culture of the safety from our aspect being a
communication and signal department.

What I do is my safety, my brother's safety, and Mrs. Phyllis Jones (phonetic) going by on the train, it's her safety also. So it all has to be taken into consideration.

The rules that we have in our books and our testings that we perform to certain specifications, whether it's more stringent than the FRA or not, it's all for the rider's safety. It's not for the guy who's worried about you wearing your hard hat.

And that's where there's a disconnect on what we do in our craft for rider's safety and our

2.1

safety as opposed to these cardinal rules that don't seem to relate to, you know, what the definition of this safety device is, you know, how this affects my job. Once again, it's a large collection of rules written on a card that I can't read. My kid has to read it to me it's so small.

And they don't, like, how does that equate to my department? How does that, you know, you can see two, that must have came from mechanical department and you can take another two from here. And once again, not craft specific. So it kind of just loses itself in the brush.

It's like yeah, yeah, some people have them on their ID cards, you know? And that's really cool, but you still can't read them. But anyhow, yes so it's kind of like yes okay, yes I heard that. It's like a bell that rung. Yes, I heard it. Going now.

MR. BROWN: Drew. I think it depends on the group of workers that you're with. Some of them are just better about it than others and a lot of it's the learned behavior from those that were already there when they got there. And people take on, like I said earlier, take on other people's bad habits. It's trying to break these bad habits.

MR. HILL: Thanks, guys. One last question

2.1

and that's just going to be with regards to the supplemental shunts. Have you guys witnessed a recurrent problem with the lack of utilization of these shunts at sites that you visit?

MR. CAMPBELL: Hugh Campbell. First off, they had to order shunts for almost every truck. Okay? Our storehouse could only supply so many. Being in the (inaudible) department, we had variable shunts for different (inaudible) and whatnot.

So we ordered them, they were coming in 10, 20 at a time. You put an ohm meter to show the continuity of them and half of them did not work. So we had to take them back and send them back to the factory. They didn't stop off the insulation.

And then once again the guys had to be shown what they are. There are spots that you don't want to put them down at, you know, next to a crossing or within an interlock and you'll tie up the switches and stuff.

So it had to be a learned aspect. It was a tool that three quarters of the departments outside of CNS didn't, were not aware of. It was never covered in any of their training because I believe in tracks, correct me if I'm wrong, Drew, NORAC is for machine operators and foremen?

MR. BROWN: Correct.

2.1

MR. CAMPBELL: So you're track men and your guy swinging the hammers and digging and carrying them ties around and all that kind of stuff, they were not aware of all these supplemental shunting devices.

MR. BROWN: Drew. And they weren't really something that was covered in the classes even for NORAC and WM1000. (Inaudible). I'm not saying they should have known, it wasn't really something that was talked about as much as it should have been.

MR. CAMPBELL: Hugh Campbell. Was in the RWP book, but then that camp kind of, it got out of the RWP book in a rewrite and the camp, training camp that we go to for a yearly sentence is, it wasn't covered then either.

So the guys were ignorant to it. Just a lot of your newer hires that weren't aware of the situation. They weren't aware of the level of protection that they could have had. And that's why we want layers of protection so if one breaks down, there's another layer there. You know, they get through the front line, we got the linebackers waiting there for them.

MR. SHAFFER: Yes, Bruce. I agree totally with both the guys. Big thing down our way was I made

1 sure any new SSDs we got they took them to the electric 2 shop and had them tested because I knew, I was with you 3 actually in Lancaster when we found a couple. 4 And so that's been a big push. But like I 5 said, the guys that aren't foreman and stuff, that's who also needs to know this stuff. Everybody. 6 7 could follow up and make sure their protection is 8 there. MR. HILL: Okay guys, thank you. 9 I really 10 appreciate it. MR. SCHULTE: Chris Schulte from Federal 11 Railroad Administration. Just one question. 12 Ιn addition to all the activities you described 13 (inaudible) five times, doesn't any of the guys, do you 14 15 have an opportunity ever to participate in the training classes other than what you normally go to? 16 and the kind of (inaudible) training that comes along 17 here in the area? 18 19 No, actually I know I MR. SHAFFER: Bruce. 20 haven't. No, I have not. 21 MR. BROWN: Drew. 22 Hugh Campbell. MR. CAMPBELL: I have visited our school in Lancaster. 23 And that's where I spoke to the men and that's where we came upon this 24

idea of maybe when they come out, not maybe, definitely

when they come out, Philadelphia men to Harrisburg or (inaudible) will post with me and I wanted to show them that light on the board, that TOL and the protection, the order presence of train in that area.

So we're trying to get them the big picture. But I've only been in the school twice since I've been the liaison.

MR. SHAFFER: Can I add to that? Bruce.

Add to that Bill Riggin (phonetic), the safety liaison for CMS on the south end actually recommended that all the track foreman, any foreman is qualified to go in to the towers or wherever and see exactly what an SSE does.

If they can see that if they put that on the track and that, they can't get a signal into that territory, they can't do anything, I think they're going to have a lot better understanding how they're protected, that this can save their lives.

MR. SCHULTE: That's it.

MR. STEARN: Hi, guys. Steve Stearn, safety plan. I know all of you and I'm so happy you came in here and shared discussions with us. And I've got a bunch of questions and somehow they've all gotten out of order so I'm just going to jump right into it. If I seem to be going backwards or confusing, help me.

So earlier I heard you say you're required to make five observations a week. And any of you can answer, but who determined the number five, and do you know what happens if there's only four or six? is that number which appears so arbitrary to me, how is that decided? I don't have any idea. MR. SHAFFER: Bruce. MR. BROWN: Drew. I don't either. MR. CAMPBELL: Hugh Campbell. I asked about how that came about, and they figured five was a good number because sometimes say you have to follow up. The gated Holmesburg station, 76, the other side of Pennypack Creek, there's a billboard there. Okay, have one gate leads into Fairmont Park kind of, and the other one takes you up to the railroad. That's continuously getting vandalized and squashed by equipment when we're up in that area. Anyway, sometimes you have a follow up and I can go to three sites, different locations between here and Harrisburg, and it's really not an eval, it's a follow up to a previous one.

So Matt explained to me, you know, five is just a minimum. You could do more, you know. And but the follow up sometimes just takes so much of your time, it's really not a new instance.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

2.1

22

23

24

Okay, so then did Matt then 1 MR. STEARN: 2 advise you what happens if you do just four? Is that a cardinal rule violation? 3 I mean, is there, I mean, you 4 see where I'm going? 5 MR. CAMPBELL: Yes. Hugh Campbell. Ι didn't have any problem doing five. The way they do 6 7 their statistics and they total it up, I end up with 8 six or seven sometimes because I had staggered days off. 9 I have not been threatened if I did a four 10 11 or a three. But I seem, if I came up short that I would probably have an explanation as to where I was, 12 trial or interview or something. 13 MR. STEARN: So you gentlemen now have been 14 15 issued tablets, all of you have tablets I understand? 16 MR. SHAFFER: Yes. 17 MR. STEARN: And those are what you enter the data from your observations, how you enter the data 18 19 from your observations by using the tablet? MR. SHAFFER: Bruce. That's correct. 20 MR. STEARN: Do you know where that 21 22 information goes after you've entered it? 23 MR. SHAFFER: Bruce. No I don't. I'm sure it's some kind of database but, I mean, I don't know. 24 25 MR. CAMPBELL: Hugh Campbell. There's a man

1 named Thomas Dayo (phonetic). He collects and analyses 2 our data and forwards it on to the system safety I believe. 3 4 MR. STEARN: But you guys aren't sure? 5 MR. CAMPBELL: I'm not sure, no. MR. STEARN: So then I guess to continue on, 6 7 made an observation six months ago, nine months ago 8 when I first started as a liaison. Today I made an observation and I thought, you know, it's similar to 9 the one I made nine months ago. 10 Is there a way on this 11 tablet I, the liaison, can go back and review my one nine months ago? 12 We just recently got the 13 MR. BROWN: Drew. We didn't have them in the beginning. 14 15 we couldn't go that far back. MR. CAMPBELL: Hugh Campbell. No, there's 16 no way that I know of that we can review and look at 17 our history. I have hard copies that I keep. And then 18 19 once I send it, I believe it's gone in cyber space or 20 whatever. MR. STEARN: And you received, but you 21 22 received a day of training on the tablet. And they spoke some about some training you had received in 23 24 Wilmington in connection with your liaison position and

you spent a week in Wilmington.

And what I heard was when you were going to have fall protection training but that went out the door for whatever reason. But you never really spoke about what other types of training, liaison specific training you had received. And I was wondering if you guys could elaborate on any of that. I guess let me back this up. How were you selected as liaisons anyway? MR. SHAFFER: It's a bid. You put in a bid for the job. MR. STEARN: Were there requisite qualifications that accompanied those? Your applications, did you have to have a certain level of safety training prior to bidding on these jobs? MR. SHAFFER: Bruce. Yes you did. You had to have, just like a regular job you bid on any craft. Mine was an RSO bid job with certain qualifications, RDP, MT2, stuff like that. And then I had an interview with the management and then also had an interview with the union representative. MR. STEARN: So your qualifications for the liaison position really did not differ much, at all from the equipment operator and were even less (inaudible).

MR. SHAFFER: Bruce.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

For me it didn't

1 differ much from being a supervisor. I was a supervisor before I took this job, and technically I 2 still am a supervisor. And I can't speak for these 3 4 guys, but I'm still a supervisor and I represent the 5 (inaudible). Hugh Campbell. As far as I'm MR. CAMPBELL: 6 7 concerned, all my training that I have was either on 8 the communications side or the signal side. And I bid 9 the job. I believe I was awarded by seniority and a clean work history. That's the understanding I had. 10 11 MR. STEARN: To me work history means not been in trouble on the railroad? 12 13 MR. CAMPBELL: Yes. MR. STEARN: So back to the training at 14 15 Wilmington, we didn't get fault protection training. Hopefully we're going to get that somewhere down the 16 road. But what other types of training at Wilmington 17 18 did you receive in that one week? 19 We had an OSHA guy come MR. BROWN: Drew. 20 in and speak for a while. 21 MR. CAMPBELL: Hugh Campbell --22 MR. STEARN: So now understanding that your training was not solely administered by Amtrak but 23 24 there were outsiders who were parts of this training? 25 MR. CAMPBELL: Hugh Campbell. Yes, McDonald Safety I believe is the gentleman, and he expanded upon the fall protection. They're a nearby safety consortium. We also, we covered job safety analysis.

And the push was on for slight specific job briefings and job briefings related to, you know, that site as opposed to having a job briefing here in the chapel and then we're going to fill interlock and then go do some switches. So we covered job safety analysis and on-site job briefings and site specific job briefings.

MR. SHAFFER: Bruce. And a lot of it was the duties of the safety liaison that we were safety liaisons. We weren't union guys, because I think there had been an issue before. But it was, you know, what our duties would entail.

You're going to be out with the guys. The craft liaisons would be, they would have to set up their own Tier 1 safety committees, have regular safety meetings. All this was, you know, told to us in the class.

I would be attending Tier 1 and Tier 2 classes, meetings, I'm sorry. And how do you go about setting that up, getting out with the gangs, getting volunteers. Spent a lot of time on that because at the time it was not too many people wanted to be involved

like I was saying earlier.

2.1

We were kind of like butting heads a little bit, but that's a lot better now. I've been to a lot of these safety meetings and they're pretty good. You get good participation. Some of them are a lot better than others, but it's a work in progress and it's moving along. But there's a lot about that, we covered that guite a bit.

MR. CAMPBELL: I think we're all new to this liaison position. I was a safety committee man underneath the liaison for years. And he retired, thank God. And so now I've got this position here.

So we were all new to this and I would say maybe half the people there, they were re-upping. They were already current safety liaisons.

MR. SHAFFER: And a lot of the discussion,
Bruce again, was with the previous guys that were
having issues and trouble. And we talked all that out.
It was really open discussion that took, as you know
when you start with, what was it, probably 35 people in
the room, that can take some time.

You know, there was issues that weren't being taken care of, safety stuff. And I was explaining what it's going to take to get it taken care of, and that's the goal. I don't want to find any

1	issues but find it getting results with these issues,
2	getting stuff done.
3	MR. STEARN: Thank you guys. How many
4	liaisons are on the property now? Any ideas? A
5	general number if you know.
6	PARTICIPANT: From say Philly to Harrisburg
7	or the whole system?
8	MR. STEARN: I mean, the point being you're
9	not the only three?
10	PARTICIPANT: No.
11	PARTICIPANT: Yes. No, we're not the only
12	three, correct.
13	PARTICIPANT: Correct, yes. I would say at
14	least 20.
15	MR. STEARN: So it's maybe 20 on property.
16	How were you three selected to be here today?
17	MR. SHAFFER: I don't know. Well I do know,
18	I'm sorry. Bruce again. I was told that they wanted
19	somebody from each craft. And I'm the arts guy.
20	That's how I know I was selected.
21	MR. STEARN: So you received a phone call
22	that said make yourself available?
23	MR. SHAFFER: Email.
24	MR. STEARN: An email?
25	MR. SHAFFER: Correct.

1	MR. STEARN: All of you?
2	MR. CAMPBELL: Hugh Campbell. I get volun-
3	told to be on all these committees. It just happens.
4	PARTICIPANT: (Inaudible) the tablets,
5	(inaudible) using a tablet. Do you think the tablet
6	contains enough entry options for you to make an
7	effective observation? Could there be more or is there
8	too many?
9	MR. SHAFFER: You mean as far as line items
10	for each
11	(Simultaneous speaking)
12	PARTICIPANT: I haven't seen one. I'm just
13	imagining what a tablet might contain.
14	MR. SHAFFER: Yes, you have, like, one of
15	the categories is vehicle inspection.
16	PARTICIPANT: Bruce. Bruce. Who are you?
17	MR. SHAFFER: Oh, Bruce. I'm sorry. Got
18	you. But you have vehicle inspection, it breaks it
19	down. But anything with these tablets, if we want to
20	add stuff we go to Matt and okay, why do we think we
21	need to add that. And it can be added or not. So it's
22	very open, it's very new. So there wasn't any
23	discussion about things that need to be added or taken
24	away. So it's good.
25	MR. CAMPBELL: Hugh Campbell. I have a

1 tablet. It's about 38 steps away if you want me to get 2 it out of my locker. Maybe after these discussions, 3 PARTICIPANT: 4 and thank you. 5 MR. CAMPBELL: Okay. We talked a little bit about PARTICIPANT: 6 7 how you guys are primarily assigned to a day length 8 operation as safety liaisons. If there's some work, 9 significant amount of work, I can't put a percentile to Fifty percent of the work is done at night. 10 11 Do you have any power, any authority to say to your chain of command hey, I will be out there at 12 night at this (inaudible) operation or are you solely 13 limited to, you know, your daily. 14 15 MR. SHAFFER: Bruce. As far as I know, all you have to do is put it in on the overtime list, just 16 like any other craft that isn't safety. They have an 17 overtime list they have to fill out every week, and if 18 19 it gets approved, that's okay. 20 You just have to give the reason why. it be midnight they're putting in a switch at such-and-21 22 such such-and-such. And it's a whole, you know, 23 whatever, you put that on the request. And if it gets

So if it's something important, they'll let

approved, you go ahead. If it don't, you can't work.

24

you work, let's put it that way. Bruce again.

MR. CAMPBELL: Hugh Campbell. I beg to differ. My CNS is tighter than tree bark with the dollar. And I have off Friday, so when there's a project going on, I contact the supervisors and let them know Thursday they apply for their overtime. That's the policy.

If they need me in for anything, let me know beforehand or send me a text or call. We just gone through a change with lead safety specialist, division engineer, and deputy division. So now I got a newer person that I'm working with.

I'm working with Jim Stefan (phonetic) and he is open to me coming in for certain jobs. He says no problem, we just have to make sure you get part of the, I guess you call it a quote or an estimation for the job. So I get put on the list for that overtime when they apply for it. And that has to be okayed by the higher ups.

They're starting. They're starting to listen to reason on that. And with this newer person in charge, I'll see how it goes. But I had not been invited by anybody to come out and look at a job, look it over.

Like I said before, we talked about when

jobs kicked off and jobs closed would be a good time.

And we talked about it some more but we've done nothing about it.

MR. BROWN: Drew. I was told at the beginning that as long as it didn't affect your normal shift, you could work. But it's kind of hard to do that without affecting your normal shift. If you go in at night, you got to be in on your regular day shift. That would pretty much limit you to one day a week on a weekend to be able to do that.

MR. CAMPBELL: Hugh Campbell. They also came out with another really cool thing called -- they didn't want you working over 14 hours even though we work eight hour shifts and two times eight is sixteen. So, and that kind of impedes the progress.

And then they don't want you getting TPNW

Code 29 time paid not worked. That's another column

that they really dance down. You know? So that kind

of impedes the progress also. We're trying to do a job

and they're tying one hand behind their back.

PARTICIPANT: Thanks, gentlemen. Would you agree in let's say the last, let's go back two years that there has been an influx of newly hired employees. And do you have a handle on how many new employees versus how many more seasoned employees that are out

1 there? Do you think there's more of the newly hired 2 employees than seasoned employees or it's about equal 3 mix or --4 MR. SHAFFER: Depends on the department. 5 Track ended up hiring a bunch of guys, about 400 the last couple years whereas BNB has 100, at least down on 6 7 south end. So that's (inaudible) to talk about. 8 MR. BROWN: Drew. And the gangs I cover is 9 definitely more new guys. Probably by a pretty big 10 percentage. Hugh Campbell. Yes, a whole bunch of new 11 I could see a truck go by and not recognize 12 quys. You know, I got, we have, we didn't hire for 13 anybody. so long and then we hired out of a panic it looks like. 14 15 A lot of our Penn Central guys are now leaving and so that hiring. And 77 guys, we're not even keeping up 16 with attrition right now. 17 Thank you. Earlier I heard 18 PARTICIPANT: 19 you use the phrase employees, I believe it was you that said they were requrgitating the answers. I wondered 20 if you could elaborate on that one. 21 22 MR. CAMPBELL: The NORAC test, the class itself is for five different crafts. And you ask the 23 24 instructor a question about a form date. And they cover form date for no less than an hour and a half, 25

some classes he spends two hours on it.

2.1

In my craft, if I come up to the work site and Drew has a track out form D in his name, I'm to look at his form D. He explains the safety procedures in effect to the limits of his protection and territory and I sign that I saw the form D.

They cover an hour and a half on another, a conductor's point of view, an engineer's point of view. So anyway, the class, the NORAC class there's no nutritional value for a man in my craft because it goes on and on and on.

So he asked the guy the question and he says the answer's the answer. That's because it's the answer. What are you, Dr. Seuss man? Come on, seriously. How is that going to help me do my job?

I'm spending a day in this class and getting nothing out of it.

So the kids get up and they just learned it, just spit out that answer, you know, kind of whatever. They know an answer. They know the answer and they know it. They don't know how or why.

MR. SHAFFER: Can't apply it.

MR. CAMPBELL: You know? Like a signal maintainer knows why something is 0.06 ohm shunting sensitivity. Why is it this? They don't, we don't

1 know how it applies. The whole class itself has less 2 to do -- we have our general chairman just sat in on 3 three day NORAC. 4 And he came out. He was all frazzled. He 5 He get's to stay being the general chairman. But it was just so out there. It's not applicable to 6 7 our craft. You know, why should I be in the same class 8 as Drew? I don't know what an MW1000 is. You know, he doesn't know what a 27 is. 9 doesn't know what 18 test is. It just doesn't apply. 10 11 And then you got BNB. We don't even know what they do, Why are we in the same class. 12 vou know. Everything you don't. 13 PARTICIPANT: MR. CAMPBELL: Exactly. Thank you. 14 15 PARTICIPANT: Now we know why you're on all these committees. 16 17 Earlier one of you gentlemen, PARTICIPANT: I can't remember which one, talked about cardinal 18 19 rules, talked about the employees' fear, talked about they were, it sounded to me like they were so concerned 20 with violating a cardinal rule that a lot of other 2.1 22 things might not have been at the forefront of their attention. 23 24 And I wondered if you guys would hazard an opinion as to whether you think being scared is an 25

	effective tool in changing the safety culture here on
)	the property versus a fundamental understanding of the
3	rules and the theory and the practice. Do you think
ļ	that scared, being scared is a healthy, makes for a
	healthy safety environment?
5	MR. SHAFFER: Bruce. No, I don't.
,	MR. BROWN: Drew. No, not at all.
3	MR. CAMPBELL: Hugh Campbell. No, not at
)	all. It's a deterrent. It adds to delay, delay in
)	response time, delay in their thought pattern. We
-	can't have that.
)	PARTICIPANT: But you all feel that it is
3	improving?
ŀ	MR. SHAFFER: This is Bruce. Yes I do.
	PARTICIPANT: General view of all safety,
)	attitude
7	MR. SHAFFER: Attitude, yes.
}	PARTICIPANT: from the ground up? From
)	the top down? In all aspects? Do you have specifics?
)	MR. SHAFFER: Bruce again. I would say both
-	because at least as a liaison, our bosses will listen.
)	And they'll help you work things through or get things
3	done. And the bottom side, definitely with the guys.
	Yes, you have to pound it in their head every day, but
)	that's why we're here.

And we've (inaudible) in the foreman and their supervisors. And you know, you're trying to change a culture, you're trying to change, like Drew said, we still got a lot of old heads around here, including myself. They have bad habits and it's trying to get everybody out of that.

MR. CAMPBELL: Hugh Campbell. The safety aspect was coming along better before. But I think the cardinal rules, the pendulum has swung far the other way. I can't explain where the cardinal rules came from, who the cardinal is, why.

Why is the punishment so severe? We have other books. We have the federal codes of regulation to follow. We know that there are fines that will apply to them. A guy wearing a watchman vest helping pull cable, he gets a \$3,500 fine.

We know all that, it's in writing. You don't do this, here's what happens if you're caught doing that. You know, we have other specifications, we have the 1908 safety rule book. We have the gray standards of excellence.

Where these cardinal rules came from nobody knows. Nobody knows. Who's on the committee that's supposed to review these situations to see if really if you are entitled to the severe punishment.

2.1

1 It eroded the ground that we were covering 2 in safety and it eroded the management and union 3 togetherness. It just blew it all up. It has done 4 more damage than good for us. Maybe in the long run 5 it's going to limit, it's going to save them money somehow. We'll see. 6 7 PARTICIPANT: Okay, thanks. So one final 8 If you guys could wave a magic wand or write on 9 a sheet of paper what would make your whole safety liaisons that much better or change the culture that 10 11 significantly, what would that one single-ticket item be today? 12 13 MR. CAMPBELL: Hugh Campbell. Shred the cardinal rules and make training craft specific. 14 15 MR. SHAFFER: I agree. MR. BROWN: 16 Bruce? 17 MR. SHAFFER: Yes, Bruce, I'm sorry. Definitely the training craft specific. I mean, I 18 19 can't tell you how many times I've been to NORAC. I mean, just about every time I go they do the 20 introduction and they go over anything. 2.1 22 They say okay, at BNB we know this is harder for you guys because you rarely use it. Well, you know 23 24 what, then break the BNB guys into a separate group 25 like Hugh said and get NORAC the way they need to get

1 it. And I think that will help maybe get that through 2 with the engineering guys. That would be my goal. MR. BROWN: 3 Drew. I agree with that. like I said earlier, it needs to be more on the job 4 5 training, especially for the foremen, new foreman. That's pretty much what I said earlier. I really think 6 7 that's one of the biggest problems out here. 8 Hugh said people can answer these questions 9 on the test and then it's a little bit different when you have to apply it in the field. 10 11 PARTICIPANT: Okay, thanks guys. 12 from me right now. PARTICIPANT: All right, let's take a break. 13 We're going off the record. 14 15 (Whereupon, the foregoing matter went off the record and went back on the record.) 16 17 MS. IMPASTATO: Theresa Impastato. I heard you mention Tier 1 and Tier 2 committees. Could you 18 19 explain to me what the committees are, types, kind, the types of issues that they tackle, who's on the 20 committees and how they're selected? 21 22 MR. SHAFFER: Bruce. The Tier 1 committees They go out, different liaisons stay 23 are voluntary. 24 with their craft and will go to different safe track 25 He'll go to different track gangs and

looking for volunteers to be part of the safety committee, and that's how they meet their, make up their committee. And I'm sure it's the same with CNS volunteers. It's nothing.

Now the Tier 2, my understanding is the lead safety specialist, they're the Tier 2 level. If we can't get something solved on the Tier 1 level, take it to the Tier 2 level. If they can't get something solved, then it goes to the upper management yourself.

And hopefully not that high up, Mr. Logue (phonetic).

MR. CAMPBELL: Hugh Campbell. The Tier 1 is basically voluntary, like pulled the people in certain areas. I took one from communications. Two people asked about it, I picked one of those gentlemen. I have like, say 20 guys working in this building alone.

I took one guy from the shops in Leola, outside of Lancaster, I got one guy out from out west of Philadelphia in the signal department and I got another guy from Philadelphia itself. So I got all my little areas represented there.

And they could bring anything to us and we use it to exchange communication back and forth to dispel myths, to quell anything that's growing, for them to report something that they don't feel they can't say in front of a white hat or a manager or

something like that because they feel, you know, there might be repercussions or something.

And then the best part is we bring in special guests like Harry Dunfy (phonetic), a guy who's been a safety liaison for a long time, you know, a gentleman who runs the truck shop for truck problems.

There's always truck incidences and stuff like that.

So we bring in specialty people. I like to bring in somebody from this room to a meeting, and we invite managers left and right. We brought Bruce in.

Bruce is an ARSA guy so he's really not one of us, he's one of them kind of.

So we bring in other people from different points of view so we can look at it from both sides.

MR. SHAFFER: Bruce again. Just not to interrupt you, Drew. But I was at a safety meeting, Tier 1, CMS, and Baltimore Friday and they invited the FRA because some other guy had some questions, specific questions for the FRA. And it was all answered. It was a great meeting. Sorry, Drew.

MR. BROWN: Drew. My committee consists of I try to get at least one guy from each of my divisions, from all different years of service. And I have everything from track men to foremen just to get, because all of them see things differently so I try to

1 keep a good mixture of different types of employees in 2 the track department. 3 Plus I brought in other liaisons and Bruce 4 to try to mix it up a little bit. We go over concerns, 5 recent injuries, what we think we could do to prevent them from happening again, things of that nature. 6 MS. IMPASTATO: How often do the committees 7 meet? 8 9 MR. BROWN: Once a month. Drew. Once a 10 month. 11 MR. SHAFFER: Bruce. Once a month. Hugh Campbell, once a month. 12 MR. CAMPBELL: That's part of our accountability that is built into 13 14 our agreement here. 15 MS. IMPASTATO: Last question about the committees. 16 What do you think could be done to improve the committees? 17 Hugh Campbell. I have the 18 MR. CAMPBELL: top three things that nothing has been done about. 19 take that chalkboard, my meetings are held right here. 20 2.1 Come by, I have doughnuts. 22 I have that chalkboard, and fall protection 23 is at the top left. It just occupies that whole area, 24 nothing's been done about it. We surveyed, we went out 25 with engineers. They climbed up and they were very

informative.

2.1

I invited them to our meeting, but they cost money. You know, lingo of what a cage is and what is a proper climbing area and stuf like that, and so forth. But there's a couple things that we just don't seem to be getting anywhere with.

You know, and besides that, we're covering the little, we're getting some little things done, steps, ramps, and whatnot. And there's just a couple that the elephant's standing in the room, everybody walks around. It gets kind of old. I can't do nothing about it.

MR. SHAFFER: Bruce. Definitely the fall protection issue, especially with CNS. It's a big thorn in their side. And I know they're working on it. I mean, we went around with an engineering firm that's designing the protection, what has to be done.

But like Hugh said, nothing's been done yet. So hopefully that's still moving forward. I know it takes time because it's big money, it's a lot of money. So hopefully we'll get something moving in the near future.

MR. BROWN: Drew. On the track side we really don't use fall protection very often that I know of. At least not in my area. It seems like we get

sometimes the smaller things are harder to get done than something big. Like, if it sticks out like a sore thumb people will tend to fix it.

But for instance we have a storage cabinet for gas cans and things like that that the guys want moved, and it's been --

(Simultaneous speaking)

MR. BROWN: Yes, and it hasn't been done. That's probably been two months, three months. So it seems like the smaller it is, the easier it is to ignore. You know, that sort of thing.

MR. CAMPBELL: Hugh Campbell. To beat up the fall protection issue while we're on it, it seemed we were making some headway and then them cardinal rules came out and blind sided everybody because if we don't follow the fall, that's a cardinal rule.

If we don't follow that we can be terminated. But the definition of what is a rescue team, what is a proper climbing apparatus and what is your proper training. The guys go to class and they get trained on how to put on a harness, not how to use it, how to repel, how to ascend anything, how to climb vertical, horizontal.

So that's all incomplete. But there's a rule that says if you don't follow all this, we're

going to fire you. So that kind of undid anything we were doing. Before it was if you don't feel safe, don't do it, as with every other issue. If you don't feel safe climbing, don't climb. But we got blind sided by those rules.

MS. IMPASTATO: My last question is with regard to work site visits. What sort of issue do you find the most when you go out to a work site?

MR. BROWN: Drew. Again it's the small things, guys without glasses, guys without gloves.

They've gotten a lot better about using D-rails and whistle boards and things like that that that's a lot better than it was.

A lot of it really is the small things, things that can be forgotten. Take your glasses off to clean them and then, you know, half an hour later they're hanging off of your shirt.

That's what I've been running into a lot lately is the small things that can turn into something big. You know, but they're easy to overlook or forget about.

MR. SHAFFER: Bruce. Same thing. But to add gates left open on the right of way. That's a big issue for their safety and the public having access. But we pound that down every day all day.

1 MR. CAMPBELL: Hugh Campbell. Sometimes the 2 safety is overkill. If you carried every book that they told you to carry and that bottle of water and the 3 4 whistle and the flashlight that the police say you 5 should have with you, your 23, 27, your rec book, your You look like a freshman going to high school 6 7 for the first day. And then you have to carry a tool 8 baq. So in reality, sometimes it's just overkill. 9 Hard hat, safety glasses, steel toe boots, 10 You know? gloves, a lanyard hopefully that won't get caught, ear 11 Sometimes, you know, there's a time and a place 12 13 for everything. And it seems like common sense has been shoved to the side. 14 15 MS. IMPASTATO: That's all. Thank you, Theresa. 16 MR. FRIGO: This is 17 Ryan Frigo again. I just wanted to follow up on larger projects that you've come across where a site specific 18 19 work plan has been used. Are you guys familiar with 20 that term? MR. BROWN: 2.1 Yes. 22 MR. SHAFFER: Yes. Okay, so everybody's nodding 23 MR. FRIGO: 24 affirmative here. Can you walk me through, you know,

your experience with that, with the site specific work

plan? Is that something that a liaison gets involved in developing or overseeing? Or what's a liaison's role?

MR. SHAFFER: Bruce. Typically no, we don't

get involved in that unless they ask us because usually they're setting the job up and we don't really know.

That would be specific supervisor that would be handling that job. He would get it together.

Now if he calls and say, you know, ask some questions, of course we would get involved. But typically the supervisor sets it up and the manager at that site to my knowledge, yes. No, they don't call me to ever get involved in that.

MR. BROWN: Drew. No, I've never been involved in it.

MR. CAMPBELL: Hugh Campbell. I've come to a job where the site specific work plan was explained to me and why they were going about it that way. If you get a physical characteristics sheet or a chart or a line, if you get a graph that tells you where you're going to be working at Linwood here, it's a line on a piece of paper going from the left side to the right side.

But site specific might say we're going to go park on the four track side, but we're going to be

1 mud spots on one track side. And they track you, you know. And the fouling equipment and the relays are on 2 3 one track side. 4 Well, site specific would tell you, you know, that is a better place to park. We could clear 5 up this track is out of service. And it makes you more 6 7 aware of what is going on in that area. And then they 8 explain why we're doing it this why and why we're going 9 to have to clear up. At some spots, sometimes you go to clear up, 10 11 you're up here and you don't want to tumble down. so that's why you have, you want more time to clear all 12 tracks, observe the movement of all trains. 13 sometimes it's forethought, it's better planning. 14 15 MR. FRIGO: And for the record, Hugh indicated being up on an elevated area and then the 16 dangers associated with clearing up from an elevated 17 18 spot. 19 MR. CAMPBELL: Yes. 20 MR. FRIGO: Those are all the questions I have. 2.1 22 MR. HIPSKIND: This is Dick Hipskind. Ι need to make a point of clarification. We've talked 23 24 about, we've used the term fall protection and I just

want to ask each of the gentlemen, and Drew, I

understand you guys may not use it a lot. But Drew, if you were to use fall protection, it would come under the FRA quidelines most of the time? MR. BROWN: Right. MR. HIPSKIND: Is that correct? MR. BROWN: Correct. MR. HIPSKIND: And Hugh, when you talk about fall protection, you're not talking about bridge worker What you're talking about is when employees safetv. are up on a signal bridge. And what we're really talking about there are compliance with OSHA regulations, is that correct? MR. CAMPBELL: Correct. MR. HIPSKIND: And Bruce, being in the BNB, when you talk about fall protection, primarily you could be coming under either one depending on the work. But if you were out on a bridge, it would be FRA bridge worker safety regulations and if it was something to do with building or heights, it might be OSHA. correct? MR. SHAFFER: Bruce. Yes, that's correct. MR. HIPSKIND: Okay, I just wanted to get that clarified. So here's the last few things I want to talk about. I just want to understand that when you

guys go out and make observations, you're primarily

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1	trying to address issues and concerns. And by that I
2	think what you're trying to tell me, Bruce, is where
3	somebody's doing something wrong or somebody's doing
4	something unsafe. Is that correct?
5	MR. SHAFFER: That is correct. Bruce.
6	MR. HIPSKIND: And same for go a head.
7	MR. SHAFFER: I'm sorry. Bruce. That's
8	correct.
9	MR. HIPSKIND: Okay, and Drew and Hugh, same
10	thing?
11	MR. BROWN: Yes, that's correct.
12	MR. HIPSKIND: Okay. And also Hugh, you
13	mentioned that the other thing that you said was
14	standards and practices which it's kind of the same
15	thing. Are you doing something the right way or are
16	you doing something the wrong way that may get you or
17	others hurt. Is that how I should understand that?
18	MR. CAMPBELL: Yes. Yes.
19	MR. HIPSKIND: Okay. But so you have, you
20	interact with people on the gangs doing the work. And
21	you document this stuff and you create data and other
22	people have preview of that. But I want to get this
23	nailed down.
24	You do not counsel employees per se about
25	unsafe practices or habits or non-compliance, do you?

1	MR. SHAFFER: Bruce. Counsel?
2	MR. HIPSKIND: Well, and I know that's a
3	vague term. I know you talk to them and interact with
4	them.
5	MR. SHAFFER: Absolutely.
6	MR. HIPSKIND: But you don't counsel them in
7	the term like what a manager would do, right? You
8	don't do that.
9	MR. SHAFFER: Being a supervisor, sometimes.
10	Well the second part of that is when we interact with
11	them it's listen, you know, what I'm telling you is it
12	can keep you out of trouble.
13	Keep you from getting hurt and keep you out
14	of trouble. Somebody else, manager, FRA, somebody
15	walks up, catch you doing the same thing, they could
16	possibly give you discipline. So remember this, you
17	know, keep it in the back of your mind. All right
18	here, I'm trying to help you out.
19	And that's been the biggest part that helps
20	is that knowing that I'm there to help them instead of
21	penalize them because I can't give them discipline
22	which is good.
23	MR. HIPSKIND: Okay. And Drew, would you
24	add to that?
25	MR. BROWN: Drew. The way I go about it is

if they're doing something incorrectly or unsafely, I try to turn it into more of a conversation of, you know, I fix the problem and then have a conversation about it as to why it shouldn't have been done that way and why we're doing it this way instead. And that's basically how I do it. try to talk down to them or anything. I try to stay on the same level as them, I try for cooperation that way the next time --MR. HIPSKIND: Is it fair for me to say that you're trying to add meaning behind the purpose of the rule? MR. BROWN: Yes. MR. HIPSKIND: Okay, thank you. And Hugh? MR. CAMPBELL: Hugh Campbell. I try to make it a learning experience. I have a few guys that I got hired with, and when I talk to them about an issue, I remind the that maybe we can walk out the door together. And I showed so many other guys, and I explained to them that Exhibit A, that's why he's limping, because he used to jump off of this apparatus all the time or whatnot. And I try to remind them of someone who's no

Maybe he's out on disability due to

longer with us.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1 his haste of getting the job done. And I let them know 2 we're not on piecework. We get paid by the hour. For all three of you, 3 MR. HIPSKIND: Okay. 4 to the extent that you discuss safety issues or 5 whatever, the bottom line is you guys are, you're involved in behavior modification, taking that what you 6 7 see as either detrimental to the employee or others, 8 but you are trying to improve their behavior? 9 MR. CAMPBELL: Yes. 10 MR. SHAFFER: Bruce. Absolutely. 11 MR. HIPSKIND: And, Drew? MR. BROWN: 12 Yes. So you are all in agreement 13 MR. HIPSKIND: with that, okay, thank you. So I want to spend, on a 14 15 favorite topic of mine I want to talk about job briefing details. 16 Details, I get it, there is a lot job 17 briefing that goes on. I have attended Amtrak job 18 19 briefings and I know what it's like when I am there and I suspect I know what it is like when you are there. 20 So I want to just go down the list real 21 22 quick. In your experience with participating or observing job briefings is the issue about train 23 approach discussed, is it something that you would 24 25 expect to be discussed?

MR. CAMPBELL: Yes, it is discussed and it
is open for readjustment if we the watchman place
test, the whistle test, point of view. That is
probably the most cohesive time that all the men are
together in thought.
MR. HIPSKIND: Okay. And, Bruce?
MR. SHAFFER: Bruce. Absolutely. Yes, of
course.
MR. HIPSKIND: And, Drew?
MR. BROWN: Yes.
MR. HIPSKIND: Okay. Now I want to put some
meaning behind train approach. How do each of you see
that? Do you see that as the highest risk, the primary
risk, or is just a matter of well, we should not
interact with trains?
I mean how do you view that, what's the
emphasis that you place in the job briefing on that
topic?
MR. CAMPBELL: Hugh Campbell. It's priority
one. You know, you are in that situation, it's a
fatality, it's not good. We can work in and about, we
can clear up, we can move, and we can get the train
from Point A to Point B on time. It can be done and it
can be done safely.
MR HIPSKIND. Bruce?

1	MR. SHAFFER: I totally agree, absolutely,
2	number one.
3	MR. HIPSKIND: And, Drew?
4	MR. BROWN: Drew. Number one. Number one
5	priority.
6	MR. HIPSKIND: Okay. Now I am just going to
7	change a word here.
8	MR. BROWN: Okay.
9	MR. HIPSKIND: I get what you told me about
10	train approach. How often is a train schedule
11	discussed? Is that something that is referenced, is
12	that something that in the course of a job briefing
13	somebody says okay, guys, we're going to be out here
14	working from 8:00 in the morning till 12:00 noon and
15	then we are going to shut things down and go to lunch,
16	but in that four hours we should expect two
17	southbounds, two northbounds, commuters on the left and
18	right?
19	How is that discussed, is it required to be
20	discussed? Hugh?
21	MR. CAMPBELL: Hugh Campbell. The rush hour
22	as far as that is discussed, not the 8:15 or the 7:29
23	coming by, it's not discussed in that detail. You
24	know, we have our windows and that's it because the
25	trains can be in any direction at any time. You can't

1 rely --2 MR. HIPSKIND: Rule K (phonetic), right? MR. CAMPBELL: 3 No, you just can't rely on a schedule. 4 5 MR. HIPSKIND: Bruce? MR. SHAFFER: Same thing. 6 Bruce. 7 you know, like you said they are delayed, they are --8 You know, you never know, so, no, we don't discuss it. 9 MR. HIPSKIND: And, Drew? MR. BROWN: No, we don't schedule 10 (inaudible). 11 MR. HIPSKIND: So in a job briefing 12 Okay. 13 one of the main goals of a job briefing, and you tell me if I am wrong about this, it's to get everybody on 14 15 the same page to do everything correctly within the quidelines, the rules of procedures, but ultimately 16 it's about mitigating risk so people don't get hurt. 17 How do you view what I just said? 18 19 MR. CAMPBELL: I think you hit it on the 20 Hugh Campbell. I had to the fortune to work under some old-timers and we did job briefing, verbal, 21 22 they brought us together, we'd huddle, and we covered everything and we covered everyone's responsibility, 23 24 you're going to carry this up, you're going to pull the

wire out, he's going to terminate it, and we divided a

1	task up and who was going to be where and what
2	protection was going to be provided.
3	So for us it was old hat and when this came
4	out, you know, this was just a little bit better.
5	MR. HIPSKIND: Bruce?
6	MR. SHAFFER: Bruce. Yes, I agree with you.
7	But I think the goal should be to have everybody on the
8	same page, and I mean everybody in that briefing, have
9	everybody participate.
10	I'll tell you one thing, down in Washington,
11	the track department, when they give a briefing that
12	foreman asks everybody in the group something, a
13	different question, and he gets everybody involved.
14	What's the track speeds where we're working,
15	we're working in (inaudible) today, what's the track
16	speeds? And they are kind of like looking and then
17	they know, but everybody participates and that doesn't
18	happen a lot, but I know Washington track does that.
19	MR. HIPSKIND: And, Drew?
20	MR. BROWN: Yes, I agree. I think it's to
21	get everybody on the same page and make sure everybody
22	knows what their task is.
23	MR. SHAFFER: And their protection. Bruce.
24	MR. BROWN: And the protection. It
25	eliminates question during the job, you don't sit

1 MR. HIPSKIND: Okay. Now ---- and what wonder what's 2 MR. BROWN: happening. 3 MR. HIPSKIND: All right, sorry about that. 4 5 I want to tie two or three things together and let's have just a little bit more conversation. 6 In the course of our discussion here this 7 8 afternoon we have talked about training, we have talked 9 about new employees, we've talked about old employees, we've talked about roadway worker protection, we've 10 talked about rules compliance, of serving people, and 11 all this and that, and we just talked about the goal of 12 job briefing. 13 So in all this is there an element of 14 15 problem solving? So I am a foreman or I am going to be the EIC and I am going to go out to a job site and I am 16 going to work a specific task, and they vary --17 MR. CAMPBELL: 18 True. 19 MR. HIPSKIND: -- the environments vary. Ι 20 could have curves, I could have undulating track, I 21 could have different speeds of operation. So tell me 22 how well do you see employees applying the training and doing the correct problem solving for their protection 23 and for the protection of the employees and for the 24

protection of the public?

1 And I know that's a question so take your 2 time and think about. Hugh Campbell. 3 MR. CAMPBELL: I stated earlier we have layers of protection and that's the 4 5 best way to be. It's come a long way from if you want it, shunt it, okay. 6 That was like one of the first things that 7 8 we learned, but it still rings true kind of today that 9 is a form of protection and when we have a job we want to have more than one. 10 You have the watchman, you have a barricade 11 up, you put up your own TOL light, you rob the system 12 of its code and what not. If you rely on just one form 13 of protection and that breaks down then you have no 14 15 forms of protection. So we kind of -- We agree on it and 16 sometimes if I miss something or if the guy running the 17 show that day missed something then it's brought up, 18 19 because the guys know if you don't feel safe you don't walk, don't proceed on out to the tracks. 20 So, I quess I don't know if I am really 21 22 answering your question, but with the layers of protection, yes, it is possible to attain. 23 24 MR. HIPSKIND: Bruce? 25 MR. SHAFFER: Bruce. I agree with Hugh.

You see it every day now that when you have these job briefings like I just said about Washington track, that these guys will speak up now, you know, whereas before it was always, you know, they sat there and they be reading the paper or something, but all that that's --They stopped a lot of that, most of it I should say. Does it happen? Probably, but for the most part everybody is participating, and that's what you got to have because some people might catch something

that somebody has missed, and that's the whole point in my book, why you have everybody involved.

Is that -- You know, what about if we put a barricade up here and we'll have protection? absolutely, let's do it. You know, why not, why not add the extra layer of protection.

If that makes them feel more comfortable and it's not going to slow the trains down, do it. You know, it's like -- Plus that gives them a little pat on the back and they feel more involved in getting things done.

> MR. HIPSKIND: Drew?

MR. BROWN: (Inaudible) I think the participation in the briefings has gotten a lot better. It wasn't always that way, but now guys want to know if the foreman will be used in the shunts, they want to

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

1 know where the whistle boards are, a lot more questions 2 are being asked about the protection. Well, Drew, I've got to pin 3 MR. HIPSKIND: 4 you down on something. The last statement you made, is 5 that more characteristic of post the accident at Chester or was it prior, or was your characterization 6 7 that's the way it was prior? 8 MR. BROWN: I think a lot of it has come 9 afterwards, yes. I mean like I said earlier you have 10 groups that are better than other groups, so there was, 11 you know, you'd go to one briefing and you had good participation and then you go to another briefing and 12 everybody is looking in that direction of the guy 13 reading the former briefing, but it seemed like 14 15 everybody is listening now, afterwards, and it seems like it's better everywhere. 16 17 MR. HIPSKIND: Okay. And I want to address a comment that Bruce made. Engagement at a job 18 19 briefing is the key, would you agree with that? 20 MR. SHAFFER: Bruce. Absolutely. MR. HIPSKIND: All right. So, Hugh, you 21 22 brought up the concept of the watchman and we have 23 talked about trains coming by at speed, and so here is 24 another couple of dots I want to connect. 25 In the training about roadway worker

protection, job briefings, this whole issue of -- And, Hugh, I think you made a great point about layers of protection and getting away from single point failures.

I am totally on board with that, but isn't the reality of the work that is done on railroads nowadays, and I am not just talking about Amtrak, if we have certain characteristics about our work location, and let's say it's high speed operation and let's say we've got some challenging physical characteristics, either curves, undulating track, whatever, at high speed, how do you, how does the group problem solve putting a sufficient number of watchmen out there if they don't have a sufficient number of watchmen?

How do you solve that problem? I've got six people on my gang and the physical characteristics tell me I need about three, two or three watchmen to protect my work and where I am at, how do you solve that problem?

MR. CAMPBELL: Hugh Campbell. Seeing as we escalate it, the scenario can be we're either out there doing maintenance of something that's not broken and we don't want it to break, we're out there for a piece of trouble, something has failed, Ward's Renewal (phonetic), it's a bigger project and, you know, it's got more to go along with it, but we just run it right

up the pole.

We call the supervisor, they call me, you know, and I'll say I'll be there if you need me, or Philadelphia, this area, these supervisors here, they have no problem, what's going on, there is a six second curve at Holmesburg, you know, high speed, and we need "x" amount of people here.

Well blow it out and we'll do it Saturday when we have more people available or something, you know. Sometimes things are overlooked, but we get the attention we need and we get the cooperation we need so far as soon as we run it up.

The guys aren't young anymore. They're not going to just blind obedience and go do what they have to do. They know now there is dire consequences for those actions. But, no, we do not proceed on.

If we do not have enough watchmen, can't spread them out, make it work with whistle tests, either we take from the crew or we bring people in or we don't do the job.

MR. HIPSKIND: Okay. Thank you for that, Hugh. Bruce, thoughts?

MR. SHAFFER: Bruce. Oh, absolutely. Just you don't do it until you have the proper protection period. Whatever it takes, you call another supervisor

1	and get some more guys or you don't do it until you
2	have protection. That's plain and simple. You might
3	get somebody killed if you don't.
4	MR. HIPSKIND: Drew?
5	MR. BROWN: Actually just a week or two ago
6	in Perryville they were sent to do a job, I think it
7	was either Prince or Bacon, there's a curve at both of
8	those, I forget which interlock it was, they required
9	like, according to the hotspot book it requires five or
10	six watchmen and that was the entire gang.
11	So they used their right to refuse and they
12	didn't do it. You know, they all expected to get
13	yelled at the next day but the assistant supervisor
14	admitted that he overlooked that, that was his fault.
15	I was surprised. So it worked out. You
16	don't do it if you don't have enough. And hopefully
17	everybody does it that way.
18	MR. HIPSKIND: Okay.
19	MR. CAMPBELL: Hugh Campbell. Can I double
20	dip?
21	MR. HIPSKIND: Oh, sure, absolutely. I want
22	you to.
23	MR. CAMPBELL: Halfway down the on-track
24	safety briefing sheet is "Is location considered a
25	hotspot?" A hotspot would be a curve or something that

| | --

2.1

MR. BROWN: Interlock.

MR. CAMPBELL: -- mitigating, interlocking, a factory nearby that covers noises and stuff like that, and hopefully that would be addressed in that scenario, in that spot there.

And then normal direction of traffic, we always -- There is nothing normal about the direction of traffic. It either comes from the left or the right. And then are we getting a shunt.

So that whole portion there, if you got past all that and you sign this sheet that means you have agreed with all of the above.

MR. HIPSKIND: Okay. And the point about you bringing that out is there is another example of layered protection, shunts, watchmen, et cetera, okay.

MR. CAMPBELL: Yes.

MR. HIPSKIND: All right. Now there is a reason that I wanted to engage in this discussion and I just want to hear from the three of you, you are aware the rubber meets the road and I want you think about your training and whether your training is going to be, if it allowed you the option I am going to talk about and in the real world I want you tell me whether you have seen this option exercised.

1	And so here it is, well I don't have enough
2	watchmen and I am in a high speed area, and I don't
3	know if it is on that job briefing sheet you've got
4	there, but as a foreman, as an EIC, as a supervisor,
5	can I call up the dispatcher and slow the train down?
6	Hugh?
7	MR. CAMPBELL: Hugh Campbell. I have never
8	heard of that scenario. I am sorry that I am smirking,
9	that's absurd to me.
10	MR. HIPSKIND: But if you slow the train
11	down
12	MR. CAMPBELL: It's still moving.
13	MR. HIPSKIND: Pardon?
14	MR. CAMPBELL: It's still moving and No,
15	I don't like it. It seems like a half measure to me.
16	MR. HIPSKIND: And tell me why.
17	MR. CAMPBELL: Well we didn't have enough
18	watchmen so the train is still going to be coming down
19	(inaudible) but just not as fast. What is not as fast?
20	MR. HIPSKIND: You tell me. I mean what I
21	am
22	MR. CAMPBELL: I like restricted speed
23	because the definition states that Hugh Campbell
24	that it's going to be stopping short of all obstruction
25	and I would consider myself an obstruction if I was out
I	I .

1	there.
2	MR. HIPSKIND: Okay. Hugh, that's a great
3	point. I used the term slower, and let's just say the
4	speed of operation is 125 and as a foreman I wanted to
5	call and tell the dispatcher from Interlocking A to
6	Interlocking B I am going to be doing work in between
7	those two points and so the train is passing me, I want
8	them down to 60 miles an hour?
9	MR. CAMPBELL: Well if you are not on a
10	track usage sheet it's not going to happen.
L1	MR. HIPSKIND: Pardon? I am not following
L2	what you are saying here.
L3	MR. CAMPBELL: This is a track usage sheet.
L 4	MR. HIPSKIND: Okay. And a track usage
L5	sheet is what?
L6	MR. CAMPBELL: Track usage sheet says that -
L7	
L 8	MR. SHAFFER: You have to put in for track
L9	usage beforehand and it gets approved.
20	MR. HIPSKIND: Okay.
21	MR. CAMPBELL: At (inaudible) interlocking
22	here
23	(Simultaneous speaking)
24	MR. SHAFFER: If it don't get on there it
25	ain't happening there.

1	MR. CAMPBELL: I am going to be on
2	(inaudible)
3	(Simultaneous speaking)
4	MR. HIPSKIND: Ah, so
5	MR. CAMPBELL: "x" amount of tracks and
6	there is going to be speed restriction or something put
7	around me. With proper communication I could see that,
8	but you're not going to call up and order it like you
9	are ordering pizza pie. It's not going to happen.
10	MR. SHAFFER: That's good.
11	MR. HIPSKIND: Okay. Well you have educated
12	me here. So the answer to the problem solving, if I
13	know where I am going to go ahead of time then the
14	processor procedure would be for me to make prior
15	arrangements
16	MR. CAMPBELL: Correct.
17	MR. HIPSKIND: and get it on the track
18	usage, which I am going to assume that means somebody
19	has got to approve it, but in the terms of problem
20	solving I can restrict the speed of train operations by
21	me if I find that that's the one thing I need to do.
22	There is just a process and the process is
23	you got to let somebody know about track usage.
24	MR. SHAFFER: Right.
25	MR. CAMPBELL: Hugh Campbell. Rich, I
l	I .

1	wouldn't work under those conditions. I would say you
2	get the track we're working on, you get the adjacent
3	track, and then we'll go to work.
4	MR. SHAFFER: Right, take it out of service.
5	MR. CAMPBELL: I'd rather stay home and let
6	somebody else deal with that situation. I wouldn't
7	work under those conditions.
8	MR. BROWN: Drew. I worked with the
9	undercutter last summer and they would do that but they
10	still put out the required amount of watchmen.
11	It was just an extra step they took on there
12	because the train, you know, you drop it from like 120
13	mile an hour territory but they'd drop it down to like
14	80. To me 120 and 80 is not that big of a difference.
15	MR. HIPSKIND: Okay.
16	MR. CAMPBELL: Yes, but we're talking about
17	the speed restriction signs put in well in advance
18	(Simultaneous speaking)
19	MR. BROWN: Oh, yes, yes, it's time
20	consuming, yes, yes.
21	MR. CAMPBELL: you put down before the
22	job starts.
23	MR. BROWN: It's a lot of, you got go
24	through a lot of
25	MR. HIPSKIND: Right. They see an SR sign
l	I .

1	that says speed restricted.
2	MR. BROWN: So these little gangs with five
3	people, but, you know
4	MR. HIPSKIND: Right.
5	MR. BROWN: that's not going to happen.
6	MR. SHAFFER: You almost have to take the
7	track out of service. Bruce.
8	MR. BROWN: Yes.
9	MR. SHAFFER: Take the track out of service
10	to do stuff like that. You can't compromise the
11	safety.
12	MR. HIPSKIND: Okay. Well maybe not taking
13	the track out of service but what you would do is
14	probably call and get a foul time?
15	MR. SHAFFER: Depending on the work, yes.
16	MR. HIPSKIND: Okay.
17	MR. BROWN: Yes, (inaudible) conditions.
18	(Simultaneous speaking)
19	MR. CAMPBELL: Then if you get a foul
20	MR. HIPSKIND: Pardon?
21	MR. CAMPBELL: Hugh Campbell. If I get that
22	foul then I am going to shunt it, so if a train does
23	come he's going real slow.
24	MR. HIPSKIND: And, again, you're trying to
25	get away from a single point failure, right?

1	MR. CAMPBELL: Yes.
2	MR. HIPSKIND: Okay.
3	MR. CAMPBELL: I'm controlling the speed.
4	MR. HIPSKIND: Okay. So slowing a train
5	coming by you on an adjacent track I'm going to say it
6	sounds to me that's not something you guys use on a
7	frequent basis, right?
8	MR. BROWN: Drew. Yes, that was the only
9	time I have ever seen that done was with the
10	undercutter, and that, you know, with all the 40 cars
11	hooked to it it's a long piece of machinery.
12	MR. HIPSKIND: Okay.
13	MR. BROWN: So you'd want a lot of watchmen.
14	There is a lot of blind spots, so I am assuming that's
15	why they did it. Nobody else I've ever seen do it.
16	MR. HIPSKIND: Well, Bruce, you have been to
17	a number of job briefings, have you ever seen where
18	anybody is elected to speed restrict the trains passing
19	on adjacent track?
20	MR. SHAFFER: No. Definitely not at the job
21	briefing. Like Hugh said you'd have to set it up.
22	MR. HIPSKIND: Ahead of time.
23	MR. BROWN: Ahead of time.
24	MR. SHAFFER: Correct.
25	MR. CAMPBELL: Yes, it's not something you
I	

1 get to the job site --2 MR. SHAFFER: And then if (inaudible) the 3 watchmen you still got to have your protection that 4 day. 5 MR. HIPSKIND: Okay. (Inaudible) argument they will MR. SHAFFER: 6 7 step back, it's happened before. 8 MR. HIPSKIND: Hugh, any final thoughts on 9 that? 10 Hugh Campbell. Lots of times MR. CAMPBELL: 11 when Drew talks he is representing a piece of equipment, on track equipment, and I am representing 12 the man with the tool bag working on a switch or with a 13 meter working on, clipping on to a rail to get the 14 15 voltage or an amperage reading, so I think that might be why we differ there. 16 17 Lots of times when the track equipment is out there that outage, that equipment is going to go 18 19 from this interlocking to the next interlocking so they get it all. 20 They get all that permission, and they have, 21 22 let's say from Interlocking Smith to Interlocking Jones, and it's all theirs, they own it for that 23 24 Whereas my men they get it in shots, they timeframe. 25 get fouls, and they get time to go out and do what they

1	got to do.
2	So I think that's kind of why we differ in
3	that.
4	MR. HIPSKIND: No, I think that's an
5	excellent distinction. Give me just half a minute here
6	to look at something.
7	I think that pretty much covers all the main
8	topics I wanted to discuss with you. So if I don't get
9	a chance later I greatly appreciate the fact you guys
10	came in and spent this kind of time with us and were as
L1	candid as you were. So, Ryan, that's all I've got.
L2	MR. FRIGO: So I've got a few follow-up
L3	questions and we ought to get done by 8:00 tonight.
L4	MR. SHAFFER: All right.
L5	MR. CAMPBELL: I told you I get paid by the
L6	hour.
L7	MR. FRIGO: No, we won't go that long, but I
18	do want to clarify a couple things.
L 9	MR. CAMPBELL: Good.
20	MR. FRIGO: So let me circle back to your
21	role as a safety liaison. I have heard today a lot of
22	times that things are getting better, the men are
23	coming to you, that you are able to get things done,
24	you can convey the concerns up the chain of command.
25	One question I have, do you view your role

as a safety liaison as a conveyor of concerns or are you visiting these crews to identify the hazards that they may be experiencing, as one role could be as a communicator of issues on behalf of the men and the other one is more you are watching out for the men and advising them of any hazards that they may be getting themselves into? MR. SHAFFER: Bruce. Both. MR. FRIGO: Okay. Absolutely both, yes. MR. SHAFFER: know, I tell them all the time listen, I'm coming up here to make sure you're doing it right and keep you out of trouble, but first to keep everybody safe. You know, the idea is to make sure nobody gets hurt because these guys out here in the track department it's very unforgiving. Let me correct, I shouldn't just say track, but it's, when there is a lot of heavy equipment out there and also to keep them out of trouble. You know, but like you said they're human so you just got to keep an eye on them, but in my opinion it is getting better. They are human meaning there are MR. FRIGO:

MR. SHAFFER:

Make mistakes.

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

1 MR. FRIGO: -- that can make mistakes? 2 MR. SHAFFER: Exactly right. 3 MR. FRIGO: Okay. And I'm going to come back to that. 4 5 MR. SHAFFER: I mean I'm human and we all make mistakes. 6 7 MR. FRIGO: How do you guys feel about it? 8 I mean what's your -- Do you agree? Hugh Campbell. 9 MR. CAMPBELL: Yes. The point is you almost have to be like a coach 10 11 to convey this message where sometimes the guys need to be talked to very sternly and other guys you got to 12 talk to them like hey, brother, listen, you know, and 13 then get your message in there. 14 15 MR. SHAFFER: Yes. MR. CAMPBELL: I have to remind them, I'm 16 one of you, okay. I am one of you. As a matter of 17 fact I am above you on a roster so give me a hard time 18 19 and I'll come back and bump you, you know. 20 So sometimes that's what they need to hear, and other guys are like are you kidding me, I have 21 22 never ever even thought about that. So being in -- The 23 guy swinging hammer or using a wrench as a hammer and 24 then being the guy that comes walking up on him, hey, you know what, seeing it from my point of view it makes 25

1	it more complete, it's easier to convey that message.
2	MR. FRIGO: Okay.
3	MR. BROWN: Drew. I agree 100 percent. I
4	think you need both and make corrections when we see
5	it. Before I leave every job site that I go to I ask
6	them if they have any concerns that they want me to
7	take somewhere else, so we definitely do both.
8	MR. FRIGO: Okay. So in that role as the
9	conveyor of concerns, when you have to get something
LO	done for the crew and you run it up the chain of
L1	command who do you go to? I mean do you have a one-
L2	stop point of contact or do you go to whoever it is
L3	that is involved with that issue?
L 4	MALE PARTICIPANT: No.
L5	MR. SHAFFER: Bruce. It depends on who it
L 6	is, what department. Like we have bad ruts in the
L7	access road, well you go to the track department. Hey,
L 8	Roy, listen, we got a bad issue down at such and such,
L 9	it's hitting oil pans, blah, blah, okay, we'll
20	take care of it. Just something as simple as that.
21	But then you get other things that's not
22	like that easy
23	MR. FRIGO: And I assume you guys agree with
24	him?
25	MR. BROWN: Yes. Drew. Yes, I normally

1	start with the supervisor or AD to do
2	MR. CAMPBELL: I have my rebuttal.
3	MR. BROWN: Imagine that.
4	MR. CAMPBELL: Hugh Campbell. I like
5	blackmail. I will send the supervisor in that
6	territory an email and then I carbon copy other people
7	and his superior and his foreman so everybody knows
8	that I spoke to him about that issue and now we all
9	know that you know about this and then if they don't
10	follow up I do my follow up, we still all know you have
11	done nothing about this, and it kind of speeds things
12	up a little bit.
13	MR. FRIGO: Do you get away with that
14	because you are kind of an old head and you've got a
15	relationship with the fellas up in the office?
16	MR. CAMPBELL: Well some people if it's
17	verbal it was never heard. They tell you what, what
18	are you talking I didn't know about that.
19	MR. FRIGO: Easy to deny?
20	MR. CAMPBELL: Yes. And you know what, and
21	some guys are really spread so thin that I actually
22	believe sometimes the guys got
23	MR. FRIGO: Just forgot.
24	MR. CAMPBELL: nine things going on and
25	they haven't finished their coffee yet, you know.
J	I and the second se

1	MR. FRIGO: Yes.
2	MR. CAMPBELL: So, you know, in writing with
3	an email and a follow up and then we always have a
4	backup plan. We have
5	MR. FRIGO: So I'm just getting the sense
6	here that you guys are pretty influential. I mean
7	you've got a politic with the management to get things
8	done, influence them, put them in the limelight so to
9	speak, it's leveraged and that you can get away with
LO	doing that more than once.
L1	MR. CAMPBELL: Right.
L2	MR. FRIGO: Okay. It tells me that you have
L3	a pretty strong position to be able to do that. You're
L 4	talking to the guys on the ground and they are learning
L5	to trust you and you're wheeling and dealing a lot of
L 6	leverage here, right, is that a fair way to
L7	characterize it?
L 8	MR. CAMPBELL: Yes.
L 9	MR. SHAFFER: Bruce. I'd like to think so,
20	yes.
21	MR. FRIGO: Okay. I mean that probably
22	makes you feel pretty good about things.
23	(Simultaneous speaking)
24	MR. SHAFFER: Respect, (inaudible).
25	MR. FRIGO: If the guys are trusting you and
ļ	I

1	management is listening to you it's
2	MR. CAMPBELL: You get more done, have
3	respect and you deal with the fear. Fear just shuts
4	them down.
5	MR. FRIGO: Okay. So I'm trying to figure
6	out, I mean to me you guys are like the bosses out
7	there. I mean if you can talk to the crews
8	MR. BROWN: No.
9	MR. FRIGO: Not the job boss, but you're the
10	
11	MR. BROWN: Right.
12	MR. SHAFFER: We're the go-between.
13	MR. FRIGO: You're the go-between, yes.
14	MR. SHAFFER: That's exactly what
15	(inaudible) is, it's the go-between.
16	MR. FRIGO: You're big players out there and
17	you can get things done and make things happen. I'm
18	just wondering when you take your concerns back if you
19	are going to another construction department to get
20	something done, get some ruts, you know, get a grader
21	out there to get some ruts taken care of, I can
22	understand how that works but how do you interface with
23	the safety department of on track?
24	I mean you are the safety liaisons but it
25	sounds to me like you are the wheelers and dealers out
ļ	I and the state of

1	here to make sure things run smoothly and guys go home
2	at night, but where does the safety department come
3	into play?
4	MR. SHAFFER: Bruce. It comes into play
5	when we can't get the managers to do it or the
6	supervisors and you go the AD, I ain't got time or I
7	don't have the money for that.
8	Okay, fine, what about if I get you the
9	money? I'll take care of it then. I said let me work
10	on that. Then I go to my manager and that's the next
11	step.
12	MR. FRIGO: Okay. Now is your manager part
13	of the safety department?
14	MR. SHAFFER: Yes, absolutely, yes.
15	MR. FRIGO: Is that true for you as well?
16	MR. SHAFFER: The lead safety specialist.
17	MR. CAMPBELL: Yes, we all answered to Jamie
18	McMillian (phonetic), who was our lead safety
19	specialist and got promoted down south, so I just walk
20	right in Pordo's (phonetic) office and sit down and
21	talk to him.
22	MR. FRIGO: Okay. And that's Matt?
23	MR. SHAFFER: Matt Pordo, yes.
24	MR. FRIGO: What's his title?
25	MR. CAMPBELL: I don't know.
Į	I .

1	MR. SHAFFER: Director
2	MR. BROWN: Directory of Safety.
3	MR. SHAFFER: of System Safety.
4	MR. FRIGO: Director of System Safety.
5	MR. SHAFFER: Yes. Never have an issue with
6	him either.
7	MR. FRIGO: And do you copy Matt on those
8	emails?
9	MR. CAMPBELL: Sure.
10	MR. FRIGO: I mean that's a pretty clever
11	technique, I'll have to remember that.
12	MR. CAMPBELL: Check this out. Hugh
13	Campbell. There is a manhole next to a hut at Styles
14	(phonetic) out past the zoo here in Philadelphia, the
15	manhole turret always gets hit, somebody's driving into
16	it.
17	So I says to Matt I said, you know, I come
18	in Monday I got a tire roped to my bumper, I got to
19	pull the turret back on this thing all the time because
20	it's, you know, there is cables down there, it's fiber,
21	there's everything down there.
22	I said, you know, the store house, I got to
23	I'll paint it yellow and he said go ahead, he said
24	go see Keith Holden (phonetic) and if he won't pay for
25	it I'll pay for it.

1 So I saw Keith and yes, sure, here, go do 2 it, I'd rather you painted them yellow. A little while later now I got five gallons of paint because the 3 4 yellow paint is fading, so I brought it up and now I 5 follow through with it, you know, but it works. It worked. It took -- It wasn't 19 emails, 6 7 it was walk, sit in the office. I didn't even know 8 what his title was because his door is always open. But anyhow I talked to him and we walked over, we all 9 work for the same company --10 11 MR. FRIGO: And you got it done. MR. CAMPBELL: Got it done, yes. 12 13 MR. FRIGO: Just a few more here. I think I have heard you twice today make the comment that you 14 15 haven't been invited to go visit a crew when they are starting up or shutting down a job. 16 17 I take you guys haven't been invited either, so you know what my question is. I mean if you guys 18 19 got so much leverage out there why are you waiting for I mean what color paper do you want it 20 an invitation? 21 on? 22 MR. CAMPBELL: I don't know. You know, it seems to be, you know, I have this relationship with 23 24 the newer person that took my division engineer here,

we have a production side that seems to do whatever

25

1	they want.
2	They come and go and they run over
3	Everything you paint yellow they'll run it over and so
4	forth, so they are harder to deal with. So I would
5	have to contact them to find out numbers you're getting
6	paid for under these hours and what not.
7	So I have not shown up uninvited yet, but I
8	guess I will have to.
9	MR. FRIGO: I just want to make sure I
10	understand that because it sounds to me like you don't
11	need an invitation, right?
12	MR. SHAFFER: Oh, absolutely not. Bruce.
13	Absolutely not.
14	MR. FRIGO: Okay.
15	MR. SHAFFER: But like Hugh I think a lot of
16	it's they're trying to keep a cap on overtime and stuff
17	like that, and especially Code 29. I mean I can't
18	really say that either because I've never put in for
19	the overtime, I've never been denied, so until that
20	happens I can't really say that it's
21	(Simultaneous speaking)
22	MR. BROWN: Drew. We also have to know the
23	job is going on.
24	MR. FRIGO: Yes.
25	MR. BROWN: A lot of times I hear about a

1 job after it happened. 2 MR. FRIGO: Okay. Exactly. Yes, like --3 MR. CAMPBELL: 4 MR. BROWN: Somebody will ask well where 5 were you, well I didn't know you were there, you know. MR. CAMPBELL: Like right now, excuse me, 6 we're in Philadelphia here, there's two projects going 7 8 on, Sierra Center Project, that's the big apartment building they're building south of here, and then there 9 is a column here where they requested C&S support for 10 that job. C&S, yes. 11 Holmesburg tide installation tonight, C&S is 12 13 out there supporting them 10:00 p.m. to 5:00 a.m. 14 know, that's not a big project and that's kind of that 15 automatic territory situation there, but out of those three, out Shore, Mantua, Girard, and Lehigh, and then 16 the Sierra Center Project which is just old hat. 17 The vac train, of all those that drew it 18 19 that that to me looks like it could be the most 20 dangerous situation. It creates a ton of noise, it's stretched out along the railroad. 2.1 22 They have their own, production has their own safety liaisons that are not with us here today, so 23 24 that's kind of like their territory. 25 MR. SHAFFER: Right.

1	MR. FRIGO: Okay. So when you say you
2	weren't invited it's because they didn't request C&S
3	support
4	MR. CAMPBELL: Well C&S support means the
5	maintainer is going to be on the spot either to take
6	out the track wires or do whatever needs to be done for
7	that time.
8	MR. FRIGO: Okay.
9	MR. CAMPBELL: But some of the projects are
10	being done on the production side and they have their
11	own safety liaisons.
12	MR. SHAFFER: Right.
13	MR. FRIGO: They all have their own, okay.
14	MR. SHAFFER: They have their own liaisons,
15	yes.
16	MR. FRIGO: But you would not go to a job
17	site if you knew about it and you thought there may
18	have been some risk or hazards there or would you
19	really wait for somebody to say, okay, this job is in
20	the process?
21	MR. SHAFFER: No, no, absolutely not. No,
22	that If I knew there were hazards
23	MR. FRIGO: Yes.
24	MR. SHAFFER: well then I would call Matt
25	and say listen, I think we're having a problem here
J	I .

1 with such and such, we should probably be there. 2 MR. FRIGO: Okay. Hugh Campbell. Yes, and this 3 MR. CAMPBELL: 4 weekend I believe they are going to try to cut in one 5 of these interlockings out near Harrisburg, okay. I'm going to show up for that, to kick it off. 6 Because when you kick it off, and the guys 7 are going to be working ten, 12 hours, so I'm like as 8 long as you're there for the beginning and is something 9 overlooked or just to have my input, and then make some 10 rounds and then just, then get out of their way. 11 MR. FRIGO: Okay. Yes, you've made your 12 13 influence and let it go from there. MR. CAMPBELL: Yes, presence be seen, you 14 15 know. I've heard a couple times 16 MR. FRIGO: Yes. today about bad examples. I think you said like you, 17 the old head, you've got some bad habits. Can you give 18 19 me some examples of what we are talking about here and 20 bad habits? I know we have mentioned doing things 21 22 without glasses or gloves, but are there some other 23 examples of bad habits that you --24 MR. SHAFFER: Bruce. Typically it's the 25 small stuff. Why do I have to have my glasses on

1	standing over here by the truck, you know, that kind of
2	stuff. You got to get a little bit of lip. I was
3	like, yes, you do need your glasses on, you know,
4	you're out here, but stuff like that, I mean it's
5	usually small stuff.
6	MR. BROWN: Using the wrong tools.
7	MR. FRIGO: Okay.
8	MR. BROWN: Drew. Yes, using the wrong
9	tools, things like that, spiking maul when you should
10	be using the regular sledgehammer (inaudible).
11	MR. FRIGO: I want to talk about just the
12	bad habits of not just laborers but the supervisors and
13	foremen. If you kind of think about either what you've
14	done yourself or what you've observed for supervisors
15	on a crew what are some of the bad habits a supervisor
16	might have?
17	MR. BROWN: Drew. Sending crews out without
18	enough people.
19	MR. FRIGO: Without enough?
20	MR. BROWN: Without enough people.
21	MR. FRIGO: Okay.
22	MR. BROWN: (Inaudible).
23	MR. FRIGO: I understand.
24	MR. BROWN: And then they get to the job
25	site and realize they don't

1	MR. FRIGO: Can't get it done.
2	MR. BROWN: Yes.
3	MR. FRIGO: Okay, good.
4	MR. SHAFFER: Bruce. That's probably the
5	biggest thing, the manpower, or lack of.
6	MR. BROWN: Yes.
7	MR. SHAFFER: And not having enough people
8	to do the job properly, but, you know, and then that's
9	where the foremen are supposed to come in, you know, at
10	the briefing, we don't have enough guys to cover this.
11	They've got to step up and tell them we can't do it.
12	MR. FRIGO: Is it (inaudible) to be a good
13	supervisor you should supervise and not do the work or
14	can a good supervisor be a worker as well.
15	MR. SHAFFER: Bruce. In my opinion the
16	supervisor can't work. He's got be absorbing his men.
17	He's got to make sure things are set up right,
18	protection is right.
19	He is supposed to be supervising the foremen
20	also to make sure they got their stuff squared away,
21	not them, just and the workers, you know, everybody.
22	They are all his responsibility.
23	MR. CAMPBELL: Hugh Campbell. The
24	supervisor should supervise, the watchmen should watch.
25	If a supervisor breaks out a tool bag we throw it in

1 the river, he shouldn't have it. 2 His primary purpose is to supervise. should be using this, the finger, that's it. 3 MR. FRIGO: And if you as a safety liaison 4 came up on a crew where a supervisor was down on his 5 knees cleaning ballasts, what would you do? 6 Hugh Campbell. I'd make my 7 MR. CAMPBELL: presence known and remind him, ask him if he wants to 8 9 trade hats. 10 Same thing. You don't MR. SHAFFER: Bruce. 11 see that much but it does happen. I don't know how much you know about the union agreements but usually 12 the guys will say oh, I'm going to time claim you for 13 doing that. 14 15 You know, they can put in what's called a time claim and get paid because he is doing their job. 16 And usually it's just lip service, but usually they'll 17 stop, you know. 18 19 But it doesn't happen a lot, seeing the supervisor actually work, because he's not supposed to. 20 21 Yes, I agree. I don't think you MR. BROWN: 22 see that too often. I mean you see it from time to time, but I guess I would stop them and ask them why 23 24 they're doing that, why there wasn't somebody else to do that job instead of him. 25

1 MR. FRIGO: Okay. You used the term "red flag" earlier in the day, do you have authority to stop 2 3 work? 4 MR. SHAFFER: Absolutely. I do as a 5 supervisor. Bruce. I mean I don't know, but I have MR. BROWN: 6 7 stopped it, you know. 8 MR. CAMPBELL: Hugh Campbell. Yes, I have, 9 and sometimes you pull up, the work stops because they 10 just want to get it over with, you know, and if they cooperate and hopefully I'll leave them alone. 11 But when I pull up, you know, I say to the 12 guys, sometimes I have my notepad and I'll put down the 13 time that I got there and at the end I'll say, you 14 15 know, I'm 25 minutes here, do you feel I wasted your 16 time. 17 Other times I can spend 12 minutes on a work site, you know, and if it's small and, you know, 18 19 nothing major going on, they're waiting for track time or something then I'll just inspect their truck while 20 I'm there, can I see your books, and to make it all old 2.1 22 hat, but I think it's just kind of -- Yes, I can throw a red flag and I have and I brought them all in. 23 24 You know, something was definitely overlooked here and when I came up on the job there was 25

three white hats all working. Well a white hat means 1 2 you are in charge. So I said well who -- Nobody greeted me. 3 4 This was when I first got there, nobody came up at the 5 on track job briefing. Hey, somebody's got to take this -- Who is in charge of what? 6 7 So if nobody was, who, then who is doing on track protection, who was walking, you know what I 8 There was no layers of anything. 9 It was just mass confusion. 10 Three task-oriented guys who wanted to get 11 it done, they would have dug it with their bare hands, 12 but they forgot the simple fact that somebody has to 13 take charge here, you know. 14 15 I said what happened, did you not have The truck broke down, it's got four men in 16 enough men? it, they're not here. Chill. You know, step aside. 17 So I've only had to really do that one time. 18 MR. FRIGO: Okay. Good, thank you for that. 19 I appreciate that. I only have a couple more here. 20 What's your experience with workers that are not fit 2.1 22 for duty because of drugs out on the road? How prevalent is the drug problem in your world? 23 24 MR. BROWN: I don't really think it's that 25 big of an issue. I mean I couldn't name you somebody

1	right now that I knew
2	MR. FRIGO: No, I'm not asking for names.
3	MR. BROWN: No, I wouldn't do that anyway,
4	but I'm just saying like there is not a person that
5	pops in my head when you ask me that question, yes.
6	MR. FRIGO: So from your end of the pipe
7	drugs are not an influence or a threat or a risk to
8	your crews?
9	MR. BROWN: I don't think so. I mean I am
10	sure it's out there somewhere, but
11	MR. FRIGO: Just to be clear on what you are
12	telling me when you say don't think so that's because
13	you are not seeing guys high
14	MR. BROWN: Right, right.
15	MR. FRIGO: or drugged out, whacked out
16	for any reason or another?
17	MR. BROWN: Right.
18	MR. SHAFFER: Bruce. Same thing. I don't
19	know in years, and it used to be pretty rampant I will
20	say years ago. Like I said I started in the '70s, but
21	rarely, I can't even remember a time actually in a long
22	time seeing anybody even suspected.
23	MR. FRIGO: Is that right?
24	MR. SHAFFER: Yes.
25	MR. CAMPBELL: Hugh Campbell. I don't fit

1 the mode here. No, I have escorted men off the 2 property about a few years ago, and I have helped a man leave the railroad to go get on disability. 3 4 taken someone to a rehab. 5 The problem I see right now is prescription The guys have a 3133 form, I believe that's the 6 medical form to fill out if you're taking any certain 7 8 medicines, and everybody with a back pain gets a percocet or some other kind of prescription or 9 something, and so that, for me, that is a problem. 10 As a matter of fact I was at the medical 11 office earlier this week and I have that form and I am 12 13 handing them out at the union meeting tomorrow night, because I wear them three hats, the red block guy and 14 15 the union guy and the safety guy. I don't want you watching for me if you are 16 taking your pain medication, you know, and so forth. 17 18 MR. FRIGO: Right. 19 MR. CAMPBELL: And just like I don't want 20 you watching for me if you got your headset on in your phone listening to the jazz channel. 21 22 MR. FRIGO: Right. So, yes, we had -- The 23 MR. CAMPBELL: 24 problem I see right now is the pills. There is a problem with them and it's a backdoor to heroin and 25

1	these other addictions and I see a problem with it.
2	MR. FRIGO: Okay. Do you have any layered
3	protections with regard to drugs such as testing,
4	random testing or peer-to-peer observation or
5	reporting, some counseling?
6	MR. CAMPBELL: He locked himself out. Once
7	again with the red cap hat on I take them to red block,
8	I recommend them to, I have two people that are red
9	block that that's their job, and it enables me to do my
10	job.
11	MR. FRIGO: Okay.
12	MR. CAMPBELL: But to save someone's life I
13	will go let's go home, you're going home today. I have
14	no problem with that and sometimes it will work out for
15	the better or not, but they'll still be alive.
16	MR. FRIGO: Okay.
17	MR. SHAFFER: Bruce. Just to step in here,
18	your guys are always subject to random testing, too,
19	right?
20	MR. BROWN: I understand everybody is, but
21	that's not really
22	MR. CAMPBELL: No, signal department, hours
23	of service or
24	MR. BROWN: (Inaudible).
25	MR. CAMPBELL: get tested more frequently
l	l

than a communications guy. 1 2 MR. BROWN: Right. I have communications men who 3 MR. CAMPBELL: are not hourly service not part of the random testing. 4 5 MR. BROWN: Yes. MR. CAMPBELL: But we do have a supervisor 6 7 who if there is a problem the supervisor is contacted 8 and like trying to nip it in the bud, but --9 MR. FRIGO: Okay. Thank you for that. Ι believe -- Just one last question, just one last. 10 In 11 that training that you had to become a liaison (inaudible) Delaware, when you were talking about job 12 safety analysis in the context of that class that you 13 took do you remember anybody ever using the phrases 14 15 "frequency of occurrence" and "consequences?" That if frequency of occurrence of some sort 16 17 of risk or hazard and the consequences of those risks or hazards, do those concepts connect in any way for 18 19 vou? 20 Hugh Campbell. At the time MR. CAMPBELL: at the training, no, it was more behavioral-analysis 21 22 based and we were going to accumulate this data and 23 somebody's going to analyze it come up with some kind 24 of pattern out of this. 25 MR. FRIGO: Okay.

1	MR. SHAFFER: Bruce. Yes, I agree with you.
2	That really didn't Doesn't sound familiar.
3	MR. FRIGO: What do you agree with?
4	MR. SHAFFER: That what you said doesn't
5	sound familiar.
6	MR. FRIGO: It doesn't sound familiar?
7	MR. SHAFFER: Right.
8	MR. FRIGO: Okay.
9	MR. SHAFFER: That would be more
10	MR. BROWN: Drew. That's not familiar to me
11	either.
12	MR. FRIGO: Oh, okay. If I said Mil
13	Standard 882 would that mean anything to you?
14	MR. BROWN: No.
15	MR. SHAFFER: No.
16	MR. CAMPBELL: What is it?
17	MR. FRIGO: It's a military standard about
18	safety and it's about managing risks and hazards, so
19	it's fairly common in a lot of arraignments where
20	somebody identifies a hazard and they can characterize
21	that hazard as something that's likely to occur or very
22	unlikely to occur, and that's the frequency of
23	occurrence aspect of it.
24	And then not only is that important but does
25	that hazard mean anything, is it inconsequential or is

1 it really catastrophic. So if something is unlikely to occur but if it does all hell is going to break loose 2 and it's very consequential. 3 4 Even though it's improbably you want to do something about it because it could mean a huge 5 So I am just curious if that was taught to 6 disaster. 7 you as part of your liaison prep? 8 MR. CAMPBELL: No. MR. FRIGO: Okay. Gentlemen, as Dick said, 9 I've really enjoyed talking to you this afternoon and I 10 11 hope I haven't gotten over the boundary or got too passionate about anything. 12 MR. CAMPBELL: No. 13 MR. FRIGO: I don't mean to be off-putting 14 15 if I have, but I appreciate all of your comments. Thanks for educating me today. 16 MR. SHAFFER: 17 Thank you. No problem. 18 MR. CAMPBELL: Thank you for your time. 19 MR. FRIGO: 20 MALE PARTICIPANT: All right, well I would like to echo what Dr. Bob said and I just wanted to 2.1 22 thank you all for being here with us today and we learned a lot and, you know, time is valuable and you 23 guys spent a good chunk of time with us here and, you 24 25 know, I just want to thank you again, and with that I

1	will turn it over to Mr. Hipskind to ask the final
2	questions.
3	MR. HIPSKIND: No, I just Our sincere
4	thanks and appreciation. I think the goals with our
5	conversation were met today and we wanted more
6	visibility and we wanted more understanding, I think we
7	got that.
8	I do have one request and I'll put it on the
9	record that I did not want to interrupt the flow of our
10	discussion today with pestering you about each and
11	every acronym and abbreviation that we used.
12	So when you get your sheet, your transcript,
13	if you could kind of explain some of the abbreviated
14	language that we used that would be helpful.
15	MR. SHAFFER: Okay.
16	MR. HIPSKIND: It would be helpful to the
17	transcriptionist, okay.
18	MR. BROWN: Okay.
19	MR. SHAFFER: Yes.
20	MR. CAMPBELL: Glad we could help.
21	MALE PARTICIPANT: Thank you. All right,
22	we're off the record.
23	(Whereupon, the recording in the above-
24	entitled matter was concluded.)
25	

<u>C E R T I F I C A T E</u>

MATTER: Accident Involving AMTRAK Train #89

April 3, 2016

NTSB Accident No. DCA16FR007

Interview of Brown, Shaffer, & Campbell

DATE: 09-07-16

I hereby certify that the attached transcription of page 1 to 146 inclusive are to the best of my professional ability a true, accurate, and complete record of the above referenced proceedings as contained on the provided audio recording; further that I am neither counsel for, nor related to, nor employed by any of the parties to this action in which this proceeding has taken place; and further that I am not financially nor otherwise interested in the outcome of the action.

NEAL R. GROSS