UNITED STATES OF AMERICA

NATIONAL TRANSPORTATION SAFETY BOARD

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Investigation of:

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CALTRAIN COLLISION WITH

CONSTRUCTION EQUIPMENT NEAR *

SAN FRANCISCO, CALIFORNIA, * Accident No.: RRD22LR007

ON MARCH 10, 2022

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Interview of: WILLIAM BRYAN, Engineer

Caltrain

San Bruno, California

Saturday, March 12, 2022

APPEARANCES:

RYAN FRIGO, Investigator National Transportation Safety Board

STEPHEN JENNER, Human Performance Investigator National Transportation Safety Board

FRANK SIMMONS
Federal Railroad Administration

ROBERT STABLER
California Public Utilities Commission

LOUIE COSTA, Co-Director, National Safety Team SMART Transportation Division

KEVIN SMITH, National Safety Team SMART Transportation Division

JIM MAYNARD, Safety Task Force
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INTERVIEW

(9:07 a.m. PT)

MR. FRIGO: All right, good morning. My name is Ryan Frigo. I'm an investigator with the National Transportation Safety Board. We're here in San Bruno, California. Today is March 12th, 2022. It is 9:07 local time. This is in reference to NTSB Accident No. RRD22LR007, a Caltrain collision with on-track maintenance equipment. We're here to speak with Mr. William Bryan, who was the train's engineer.

Before we begin, we're going to go around the room and introduce ourselves for the benefit of the transcriptionist. Just please spell your last name and identify what agency you are with. Those of you that are in the room not asking questions, just still identify yourself and just say that you'll be posting for this interview. So I'll begin, and then I'll pass off to my right.

Ryan Frigo, NTSB. Frigo is F-r-i-g-o.

MR. SIMMONS: Frank Simmons, FRA. Simmons is S-i-m-m-o-n-s.

MR. STABLER: Robert Stabler, S-t-a-b-l-e-r, CPUC.

MR. COSTA: Louie Costa, C-o-s-t-a, with SMART Transportation Division, Co-Director, National Safety Team.

MR. MAYNARD: BLET Safety Task Force. Maynard, M-a-y-n-a-r-d.

MR. JENNER: Good morning. I'm Stephen Jenner, S-t-e-p-h-e-n, J-e-n-n-e-r. I'm a human performance investigator with the NTSB.

MR. STAHL: Ron Stahl, S-t-a-h-l, Deputy General Manager of operations for Transit America, Incorporated.

MR. FRIGO: And you're just posting, correct?

MR. STAHL: I'm just here to observe.

MR. SMITH: Kevin Smith, National Safety Team for SMART Transportation, posting.

MR. BRYAN: Will Bryan, B-r-y-a-n, locomotive engineer for the incident for Caltrain.

INTERVIEW OF WILLIAM BRYAN

BY MR. FRIGO:

- Q. All right, thank you, Mr. Bryan, and are you okay if we go on a first-name basis?
- 13 A. Yeah, it's -- that's all good.
- Q. Sounds good, Will. Thank you. And, Will, do we have your permission to record our conversation with you here today?
- 16 | A. Yes.

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- Q. Okay, great. And do you wish to have a representative with you?
- 19 A. No.
- Q. Okay. Will, thank you for making yourself available to talk to us. Why don't we just start out our discussion today with giving us a little history about your experience on the railroad
- 23 and, you know, how long you've been running trains.
- A. Yeah. I was first hired with BNSF Railroad in the Northwest
 Territory in early 2018, and my first day on duty in conductor

school was April 16th, 2018. The -- I finished the conductor program and went basically straight into the engineer locomotive engineer program for BNSF. So this is all in the Northwest Territory, and Vancouver, Washington was my home terminal. I did all my training out of -- conductor training out of Vancouver, Washington. The locomotive engineer program was out of Seattle, Washington -- or it's called Interbay, the terminal, and then that lasted for approximately six months with going to BNSF Headquarters in Kansas. And then I did my locomotive training all over the Northwest Territory and into Seattle, Tacoma, Everett, went out to Waukon. I think we got out of the -- I got my license in April of 2019, locomotive engineer license, and then I worked as an engineer in the Northwest for most, the majority, of that until I came to Caltrain. There was a few intimate periods of furlough; those for, like, a few weeks at a time all throughout the course of the three years there or so. But I worked, yeah, all of the Northwest, in Seattle, Vancouver, Spokane, Wishram, Washington, Bangor, Pasco, yeah, Everett, Washington. And so, I was running, yeah, freight trains and I was on the extra-board the whole time, for the most part, doing all, you know, main track freight, through freight, yard jobs for BNSF.

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And let's see. I came to Caltrain -- (indiscernible) some more details about that, but then I went to Caltrain in this previous summer. I think July 12th was my first day on the property there, of 2021. I got finished familiarizing and marking

- lup the export in Caltrain in September of last year, and I've been
- 2 working steady on their (indiscernible) since and up until just
- 3 | yesterday, or Thursday, pretty steady. And, yeah, that's the
- 4 basic part of it, I guess. Any -- yeah. I can go into any more
- 5 detail question you need.
- 6 Q. No. That's helpful, for sure. So you would say July 12th of
- 7 | '21, you started at Caltrain?
- 8 A. Yeah, I think that was my first day, when I signed all the HR
- 9 paperwork and stuff and -- yeah.
- 10 | Q. And then this job you were working on the day of the accident
- 11 | that was an extra-board shift?
- 12 A. Extra-board shift, yes.
- 13 | Q. So, it's -- you've been pretty much on the extra-board your
- 14 entire time at Caltrain?
- 15 A. My whole time, yeah, at Caltrain, yeah, and -- yeah. And our
- 16 Caltrain, like, you can do a, like, a -- apply to do, like, hold-
- 17 downs, they call it, you know, as they work a steady job, you
- 18 | know, there extra-board. I haven't participated in that yet, so
- 19 I've just been strictly extra-board.
- 20 | Q. Have you found that you -- are you finding yourself on the
- 21 same schedule, or are you all over the place with your work
- 22 | schedule?
- 23 A. You know, it's varied. There, like, for the first couple
- 24 months, it seemed like I was doing the same jobs over and over and
- 25 | it was kind of regular, but -- and then just lately, we had, like,

- 1 a lot of engineers on vacation, and so it was kind of wild here
- 2 recently, compared to typically. But Caltrain has a pretty nice
- 3 unrailroad-like schedule, from my experience; it's pretty -- it's
- $4 \parallel$ close to a normal job, almost, compared to the freight train
- 5 world.
- 6 Q. Which has to be easier on you, for sure?
- 7 A. Yes, yeah. It's one the reasons that I was happy to come
- 8 | there, yeah.
- 9 Q. Do you remember what your previous shift was prior to the
- 10 | accident?
- 11 A. I think it was a -- it was, I believe, a Gilroy job from
- 12 Caltrain, and I think I -- it was like, like maybe 4:00 or 5:00
- 13 a.m. to 1400 p.m., and so I think I was on duty at 1400, the day
- 14 before, 1403, and then that next shift started at, I think, 3:54
- 15 a.m. the next morning.
- 16 || Q. So on the 9th, that was the Gilroy job?
- 17 A. Yeah. On the 9th, I finished at 1400, then -- I'm pretty
- 18 | sure. I do have my paperwork in my car. I could tell you, like,
- 19 | a hundred percent if you wanted me to go grab that real quick.
- 20 Q. I'll tell you what. If, maybe after this, you could just
- 21 text me those on and off times --
- 22 | A. Okay.
- 23 | Q. -- for the, you know, for the few days prior --
- 24 A. Sure.
- 25 $| Q \rangle$ -- to the accident, that would be helpful when we're done.

A. Okay, no problem, yeah.

- Q. Excellent. And then, so on the 10th, what time was your start for --
 - A. On the 10th, I was so -- I have a San Jose export position and this job was a San Francisco position, so I had a cab ride from San Jose to San Francisco, and that's -- I went on duty, yeah, I believe, 0354, and then I -- I'm pretty sure that's what happened. And then I was -- I'll tell you a hundred percent with the -- when I get the schedule. But -- so that's an hour cab ride to the city, San Francisco, to the Caltrain station there, and we go on duty at, like, 0454, like on duty, on duty, where we start
 - Q. Can you walk me through kind of some of that stuff that you do when you go on -- you went on duty that day?

looking at our paperwork and do our JSB at 4:54.

A. Yeah. So, first, you know, I would get out of the car and walk into the crew room there. I grab the crew sheet. It has, like, the schedule for the day and where everybody is, and it has the on-duty times, the tie-up times, for the jobs. So I was looking to see exactly what I was doing because this was actually -- I -- yeah. I typically don't work out of San Francisco; it's relatively rare, so it's a little bit of a different, like, start times and things for me. So I was just looking at -- I look at the crew sheet and make sure I got that right. I transfer that information to my timesheet. Because it's exports, it was always different. You typically -- and I'd, you know, input my -- the

job and details on my timesheets, usually first, get that squared away. Then I go -- I grab the -- our track warrants, and it's like we get a printout of, you know, all the bulletins for the day, Form Bs, Form Cs, speed restrictions; go over those, make sure it's the right date and the right time and everything, the -- just -- I do all that by myself first. I usually just, you know, take care of myself, and then we'd meet with the conductors, and we make sure we're all on the same page and we all see the same thing.

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This day was actually the first time I met and worked with the head conductor, Jim, and he was great. It was a wonderful pleasure to work with him. I was -- I wish I had got to meet him before. But he is wonderful. The assistant conductor, Dylan, I had worked with him before, and so he's -- yeah, he's had a normal (indiscernible). We talked -- we discussed the -- Jim knew I hadn't done the train, so I was asking if we needed to switch equipment or are we going to go into CEMOF to refuel or something like that. This was going to be a double train, so we were going to run four legs total to San Jose, back to San Francisco, back to San Jose, back to San Francisco. So -- and that's the reason sometimes I know, like, we had to, like, refuel or do something like shove to a certain situation that I had not, you know, specifically done maybe before. So I talk to Jim about that and he explained it all, and it was going to be a pretty easy because, like, because it's a pretty straightforward simple job; just go

1 and (indiscernible), you know. And I think at this job I was

 $2 \parallel$ going to -- we were going to go San Jose, Tamien, which is the

3 next station south of San Jose; we were going to go back to San

Francisco; going to go back to San Jose; and then after the -- in

5 between the third and fourth leg, we were going to shove into

6 | CEMOF to refuel, the mechanical station; and then we were going to

7 | go back out to San Jose and then back to San Francisco, and that

was going to be the end of the job for that day. We got -- I

9 think this is the start of the third leg when the incident

10 | happened. We had already done two trains, and that was the start

11 of the third train, I believe, that day, if I remember correctly.

12 | Q. And how were you feeling that day? Were you feeling good,

13 | feeling normal?

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14 A. I was feeling good that day. I was actually -- I was good.

15 It's actually my ex-wife's birthday, the 10th, so I was, like, you

16 | know, I was going to call her later and say happy birthday. And

17 my ex-wife's is my best friend, so I know it's unique, but it's

18 good. So I was already thinking, you know, about that and I was

19 going to -- I had a vacation coming up, so I was going to be

seeing her and my kids, and so I was alert and, like, it was a

21 good day that way.

22 | Q. That's good. How far do you live from -- so you had to

23 deadhead up to San Francisco, so when you're --

24 A. Yeah. So --

Q. Yeah, go ahead.

A. Yeah. I am currently living about a typically 12-minute drive from the CEMOF San Jose facility, so I get the extra-board call approximately -- what was it -- I think --

UNIDENTIFIED SPEAKER: I'll defer to that.

MR. BRYAN: -- I think maybe like around 1:00 a.m. They call me there for my on-duty job, and so they're telling me I'll be getting a cab at 3:54 at CEMOF. And so, after I get that call, I usually set my alarm for an hour. I'll try and take a little, like, a sleep, then I get up and take a shower, get dressed, and just -- you know, I have a pretty set routine now with the extraboard, so -- and that -- and it was all the same this morning. I had went to bed early the night before because, like, I -- you can kind of get an idea, you know, when you're going to go to work on the extra-board, you know. Usually, not a hundred percent, but I knew based on the crew sheet for the day before I was gonna get called early to work, so I went to sleep at about, like, 7:00 p.m. the night before.

So, yeah, I wake up, get in my car, drive to CEMOF. I got there at, like, 3:52. You know, we batch in there. Got in the taxi, or cab, and -- at CEMOF. And he left -- I think we got to San Francisco about 3 -- or, San Jose about 3:55. That takes about -- I didn't -- I don't think it -- it didn't take quite an hour, because there was no real traffic at that hour of the morning, so I think we got there maybe a little bit before and -- yeah, I think I probably walked into the San Francisco crew room,

- like, at 3 -- or, not -- 4:47, 4:48 a.m.
- 2 \parallel Q. So you actually took one of the -- a taxi up? That's what --
- $3 \mid A$. Yeah, yeah. I think there's -- there was actually somebody I
- 4 | hadn't seen before in a car that I hadn't seen before, but there
- 5 was, like, a couple of cars, you know, typical, that we use for
- 6 the (indiscernible) the taxi to San Francisco and Gilroy and --
- 7 or, you know -- yeah.
- 8 Q. So you were feeling good; you were feeling rested?
- 9 A. Yeah, I was good. I felt good that day.
- 10 Q. Okay, great. So, I mean, at this point, I mean, you kind of
- 11 want to tell us about the run that -- the final run when you --
- 12 A. Yeah.

- 13 0. Yeah.
- 14 A. Yeah. So we were a, we call it, a limited a train, so we'd
- 15 only make some of the stops, not all of the possible stops along
- 16 | the run there. I think we were at the 5:06, and so with that
- 17 | train, we had stopped. We leave San Francisco; stop at 22nd
- 18 | Street, which is the next station, and then between 22nd Street
- 19 station, the next stop was going to be the Millbrae station, and
- 20 | so that's quite a big expressing -- express-thru area. After we
- 21 got to 22nd Street -- well, and, like, it's all normal. We, you
- 22 | know, did the -- our tests in San Francisco, running our tests on
- 23 the way. Everything was good. We got our signals. We had PTC,
- 24 obviously, and that was all operable and active. I -- we got to
- 25 22nd Street. The conductor reminded me of the Form B coming up,

NW200. I think it's eight -- it was Milepost 8.3 to 9.8. It had been -- I think we had had that a couple of days that week already, and it was between the hours of 9:00 a.m., I think, maybe 1700 or something like that. And so we didn't have it on our first two runs, I don't think, and so this was the first time we had it on this run going -- and so Jim reminded me of that. We're good. we're on clear signals.

We come through -- we leave 22nd Street on the (indiscernible). We'd be -- our track speed would be -- it eventually turns to 79, top speed, and then we go -- before we go to Bayshore station, there's a permanent speed restriction on 65 miles per hour, so we were at -- I got down to that, probably a little bit below going through that. So I usually, like, take it down to, like, 62 or 63, and then when we get through there, go back to -- because in -- we go on track speed, but then we have another speed restriction of 70 miles per hour -- track speed 79 miles per hour for -- unless there's some restrictions, so -- but then coming up after Bayshore station, there's a 70-mile-per-hour restriction. So I never typically go from 65 to more than 70, so -- you know, because it's too close to really have any time benefit.

So that's my typical pattern. You know, if I'm in express to Bayshore -- I've been doing this now for, like, you know, five, six months here, and so I kind of have, like, a -- I feel good about the run just in general, the -- you know, I'm comfortable

there. I have a way I typically do things, assuming that all of the signals are clear, and this was no different. So we had clear signals, then as we're coming through Bayshore, I could see on PTC we were going to have signals coming up and I can see, you know, the NW200 was coming up. So at that point I could see we were going to be crossing over at CP Sierra, based on PTC, and that's a -- from -- we were on track 2 going to track 1. That's going to be a 20-mile-per-hour train out. And so then I decided, you know, I really don't need to get up speed, so I got down to 50 miles per hour because we have an approach limited signal coming up, and that's a 50-mile-per-hour signal, and then I could see we were cross over at 20.

So I got down to 50, just putted along. It also gave me time before the CPCR to call and get authority through the Form B

NW200. Called that. He -- I was paying extra attention because I knew we have a crossing over, so I wanted to make sure he gave me the right track because we -- he'll either give it either restriction 1/track 1, restriction 2/track 2, or sometimes they do both; he could say you're authorized to do restriction 1/track 1 and restriction 2/track 2. And then, you know, it depends on the Form B; sometimes there's more. But this one was a restriction 1/restriction 2, main track 1/main track 2. It ended up to be (indiscernible) gave me - gave our train authority through restriction 1/main track 1 as, like -- so I -- when I told, communicated that with my conductor that we had authority, I made

sure that I told him we were going to be crossing over Sierra, so this was the right restriction; we were all good.

So we got the authority through there, I communicated to Jim and Dylan, prepared to go through the 20-mile-per-hour crossover on a -- we had a slow clear signal at CPCR, so we go through there at 20 miles per hour, maybe 19. We've got the Form B coming up; could see the red flags. We have an approach limited signal coming up as an intermediate signal by -- I can't remember the exact mile post, but it's near South San Francisco Station. So I could see now on PTC that we're going to be crossing back over at the next crossover at CP Scott, and that's a 50-mile-per-hour crossover. So once we cleared CPCR's 20-mile-per hour turnout, I got back up -- eased back up to 50 miles per hour, approximately. Because it's a short distance to the next crossover, so there was no, again, no point, to me, to get up above that, try and get back down. So, typically, I'm pretty conservative that way.

So we go through the Form B, saw the red flags, prepared with -- prepared to, you know, blow if I saw anybody. I didn't -- I don't think I saw anybody working there yet. Because it was, like, not too long after the Form B opened. Like, it was 9:00 a.m., I think, they opened and we got through there around, probably around 9:00, 10 o'clock, I imagine, and I don't recall seeing anybody out there at -- when I think about it now. I could be mistaken, but from what I recall. So we're going 50 miles per hour, like, to get -- we're -- because we were going to express to

Millbrae station, which I still quite a ways up, I think, around Milepost 13, and we're going through the Form B at a mile post around, you know, approximately 9:00 -- after 9:00. Call out the signal to Jim that we've got an approached limited. Right as I was going to call out the signal, the next approach signal and the -- for the crossover where I was going to have -- I could talk to PTC again so I was prepared that we were going to have an approach limited and a limited clear signal at CP Scott. And we have two crossings there, so I'm also blowing the horn, and I believe that is right about the same time I was getting ready to blow the horn for the crossing, the dispatcher called to ask me to call him back at Millbrae, at our stop, to a -- copy a Form A restriction, a slow speed restriction, that they had, a verbal one. And so he was like, can you call me at your next stop; I have a slow speed restriction for you. And so, I couldn't. I was like, my next stop isn't until Millbrae; is that going to be okay? Because there was still five miles and I wanted to make sure we didn't have that -- that wasn't in between there, you know, so I made sure of that. And he was like, no, it's a CP Mary, he'd call it, Millbrae, basically, and so I said, okay. So and I called out the signal to Jim, or Jim and Dylan, and said, you know, we've got a limited clear here, CP Scott, and I don't remember if I asked him if he heard about that. But, later on when we were communicating, he's -- he was aware of that. So I can't recall in that moment what we said on the radio about that, but I was thinking, you

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know, we're just going to take of it at Millbrae, you know, and just, like, so it was fine. And so we'd do that.

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So went through the crossing, blowing the horn through the crossings, stayed at 50 -- actually, I think I slowed down a little bit more because of that dispatch call. I wanted to make sure I could focus. You know, I was -- I didn't want to overspeed, so we probably dropped down -- I'm not sure if the tapes will show, but -- like, maybe 46 miles per hour, maybe a little lower. Because I was like, that's a lot going on there; you've got the crossing horns, dispatchers talking to you, crossover, make sure we, you know, we're all good there. I was off the phone with the dispatcher, made sure we were through with the crossovers, and I get -- and I'm going back to full throttle because we still have, like, four or five miles before Millbrae station. And there was a 65 permanent speed there at San Bruno Station, but we want to get that fast from that -- going through the crossover at 50, so I just went straight to full throttle. Because it happens, you know? I go through -- I've gone through the CT Scott crossover before and expressed it low grade and I know we're not going to get to 65, so we just go full throttle.

And so we have -- I have -- I think everybody has, but I have my own, like, a certain -- let me call it, area spots where I know, if we're on clear signals, where I want to set my brakes to make the station stop. And so, for Millbrae, I had my plan, you

know. I'm going to set my brakes at the -- when I set the -- pass the crossing sign, the whistle board sign for CP center crossing. So that's where I always set my brakes. I always -- I see this thing. I go to idle, get my hand on the airbrake, get past it, I set them, and on the air do my -- you know, go through their crossing. So I had my plan. I know -- you know, I used to do it every day basically. And so, go through -- we're going through San Bruno station. I had the bell on, because, like, we have -they have the bell on through the -- at the express-thru stations. I go to turn the bell off. We're on a clear signal. So we're back on track 2 now, because we had just crossed over. clear at the Form B and, like I said, I had just gone to -- I went to -- when we got through San Bruno Station, I got on full throttle, had the bell on. I went down, I remember, to touch the off on the bell. I looked up, got the clear signal, went back to the track, and I could see trucks, the maintenance trucks. So at that point in the track, it's a -- there's a -- from this direction where there's a left-handed curve and there's also a downhill grade coming out of San Bruno. On curves -- I'm not sure how you guys who've got experience have -- it's tough to tell --Absolutely. Ο. -- what track you're on. And I can remember my first BNSF trip on my own on the Fallbridge Subdivision in Washington. You

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know, it's a high-speed, you know, relatively safe track, so you

can go 60 if you're under tonnage. And we're going to NS night

and going around the corner and there's like -- I could see the headlight, but it's at the, you know, precipice of the curve and I'm like, Jesus, and I put my -- and every time, I still kind of get to the edge of my seat just to get, you know, super focused, because I don't like it; I've never liked it. So when I saw those trucks, I did the same thing; I got to the edge of my seat and I'm like, no. Because this happens -- you know, it's four years now; every time, they're not on my track. It can be scary, so I'm like, are they on my track? But it never happens that way, but I still am not comfortable with it, so I get to the edge of my seat, I took a second, and I was like --

As we cleared the, got sort to the crest of the hill, I could tell, like, okay, they are on my track; this is wrong. So I looked over and I hit the emergency brake. I put my hand on the horn and I held down; I was just pumping down. I -- when I first hit the brakes, I thought there was a chance we might get stopped, because, you know, it's a passenger -- it's a smaller train. They brake relatively well, like, you know -- I am not the best judge of distances, but, you know, like, our platform lanes -- typically, platform lanes, you know, you can come up to them at, like, typically, like 35 miles per hour and get stopped within that train link, so, you know, I thought there was an outside chance we might get stopped before we made contact or even maybe just kind of bumped them when -- but there is a -- I think maybe that that downhill grade didn't help. I -- speed wise, I was

thinking, you know, I don't -- I had the PTC right in front of me, you know. I -- we're in full throttle coming through San Bruno. I think maybe, you know, if I had been at, say, we're at like maybe 62 miles per hour, definitely not more than 65, you know, I think, when I would have applied the brakes, you know, I think, right around there. So I applied the emergency brake and then I was blowing the horn, put my right hand on the PTC screen to kind of brace myself. I was on the edge of the seat. I was like, I couldn't not believe that this was happening. I just had the thought like this is not happening to me.

You know, we always kind of -- when I came to Caltrain, they'll make a big deal about being prepared, you know, these things happen, like not this thing, but like a -- there's a relatively high number of suicides or passenger -- or, transpassenger strikes, and so I've been -- it's been communicated, you know, like is this -- you know, these things happen, so -- but I was like, I've never hit anything in my career. I've hit a deer and an owl at BNSF, and that was the only thing -- situation I've ever had, and so it just hasn't happened to me and -- but, I -- you know, intellectually, I know it can happen, but I just -- I didn't think it could happen to me. So was there thinking, and as we weren't slowing down, I was like, I thought, you know, I started thinking like this might be it for me, and I saw -- I could hear emergency on the radio. Somebody -- I think it was the maintenance workers or -- must have been yelling, you know,

emergency on the radio, so I knew that's my job is yell emergency on the radio, but I -- there was, I think, already somebody already on the radio when I had thought of it, you know, and so I didn't even think about the radio at that point. I saw people on the trucks still in their orange shirts and I thought, you know, I thought I had killed them all on -- you know, at the moment.

The -- as the impact happened, like, it kind of threw me forward, hit, you know, kind of hit my leg and side on the control panel, got knocked down. When I got -- picked myself up, there was flames. I could see, like, the metal getting pushed up over the -- and there was, like, flames all over the window, from what I remember, on my side. I ran out on the passenger's side -- or, not -- the conductor's side. That's where I escaped from, and I kind of just jumped in the -- my thought process was -- I was thinking it was going to explode, and so I made a run for it. And, yeah, that's how it -- yeah, I -- and then I'll try and answer any other, like, parts I missed in there, details.

- Q. No. Will, thank you. That's a very, very detailed recollection of what occurred. I mean, thank you for, you know, thank you for getting through that for us to help us understand.
- 21 A. Yeah. I can kind of see it all too clearly, you know?
- 22 Q. Yeah. It's --
- 23 | A. Yeah.

Q. You know, and we could kind of, when we're done, we could, you know, we could -- make sure you talk to someone about this,

please. Like, I'm going to say it now and I'm going to say it to you again, and I'm going to remind those that, you know, work with you to, you know, to tell you that again, okay?

A. Yeah.

- Q. Because you've gone through a lot, and talking to us here today, this is part of the process. But I know all of us in the room really, really appreciate you trying to remember those details for us. When you got out of that locomotive, do you remember where you went or, you know -- did you see passengers? Did you see your other crew members?
- A. No. Yeah, so I jumped out the conductor's side and I went to the front of the train. I didn't have a good -- so I -- my -- I ran, basically, you know, maybe 20 feet, I looked back, and I saw there was more flames. And then there's a fence right there and some people came over right there and said, are you okay, you know, do you need help? Like, I was saying I don't know. I remember saying, like, I don't know; I -- the -- I was driving the train, I don't know. And then it's -- they were like, well, there's no opening to the fence here; you go down. And so, I started just going south from that point, and, and, you know, I went to a spot in the fence where there was an opening -- a gate, but it was locked, and I just wanted there and kind of, you know -- you know, it was just, it was a rough moment there and then the -- I don't know how far I made it down. My -- my plan was -- I knew that there was a -- CP center crossing was ahead, so I

thought if I could get there, I'd be clear of the incident in case there was an explosion and I could then walk around, you know, get out of there. But the -- a couple of police officers met me as I was walking down the track to get away and they -- from that moment, they just put me through a hole in the fence, not -- so we didn't make it quite to CP center crossing -- and then that's when they drove me to -- back to the, I guess you could call it, the command center there and I got me medical attention.

At that moment, as the -- Jim found me and he alerted -because I, you know, I did not communicate on the radio. I think
-- I know I have a responsibility to do that, but when I saw the
flames, I just, I ran for it. I'm not the coolest cucumber under
pressure, I guess, but -- so I felt, you know, I regret that they
were worried about me in there, because I was, you know, basically
okay. I was able to get out of there and -- but then Jim found me
and he told me that he thought all of the passengers were
accounted for and he was fine, and so that was a huge relief at
that moment. Then I -- they took me in an ambulance to just clear
me medically.

- Q. Did -- so did you have a handheld radio on you?
- A. I did not, no. Typically, we do not carry -- the engineers don't carry radios; we just have the locomotive headsets.
- | Q. So in -- so you're using what's on the equipment?
- 24 A. Yes, yeah.

Q. When you refer to the radio, you're referring what's on the

- 1 | -- you would have had to have still been in that cab that was on 2 | fire that --
- 3 A. Yes, yeah.
- Q. Okay. So I -- you know, that's, you know, that's good to remember it that way. So --
- 6 A. Yeah. I --
- Q. Yeah. So when you get out of that locomotive and you're walking south, do you remember -- did you walk along the field side of Main 2? Can you remember that detail?
- A. Yes. Yeah. So, you know, I was on the conductor's side, so that would be the -- I don't know what you call it -- like, the bay side or airport side of where that is right there --
- 13 Q. Airport.

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A. -- and I quickly started to note there was another track -train coming on Main 1. And I -- somebody was in emergency, so I
was hoping that it was all going to be, you know, taken care of,
but, again, I don't have a radio at this point. I'm off the train
and I'm going south, and I cross over really quickly onto the
field side, I guess, or the street side of where the -- and
there's a fence there and I was going along the fence, in between
the, you know, the rail and the, I guess -- what do you call it -the ride-away. And so, I was just driving along that for a while.
I -- there was this -- I took a moment whereas I, you know, I took
a knee when I thought I was at the safe distance and thought, you
know, life's never going to be the same now, and --

O. Yeah.

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- 2 A. -- then I got back up and I was like -- just in case I wasn't
- 3 clear enough and I was like, I've got to get out of here, and then
- 4 I was hoping that, you know, somebody would come find me, and then
- 5 the police, you know, were there. But, yeah, so it was down the
- 6 Main 2 side and the ride-away where I was traveling.
- 7 Q. Will, do you -- when you went to the -- when they brought you
- 8 to the hospital, did they drug test you and all that good stuff?
- 9 A. Yes, yeah. So, first, they gave me an IV to -- I was in -- I
- 10 don't know -- maybe shock or something, you know. I was kind of
- 11 | -- or adrenalin rush, you know. I wasn't -- in a good way, but,
- 12 you know, there's nothing serious going on, you know. They took
- 13 x-rays and everything came out clear. So, yeah. So they gave me
- 14 an IV, they took x-rays, they drew some blood, and they took a
- 15 | urine sample at the hospital, or at the -- yeah, hospital there.
- 16 And then -- let's see -- the doctor cleared -- he looks at the x-
- 17 | rays and said that there was nothing to be really concerned about
- 18 | there, and they just said that, you know, I'll probably have a bit
- 19 of soreness and just take ibuprofen. Yeah. And I don't know what
- 20 -- well, the -- yeah. They tested blood and urine, and then also
- 21 we have the FRA test later at Concentra.
- 22 | Q. Did they give you anything for the pain at the hospital?
- 23 | A. They offered, but I didn't accept anything.
- 24 | Q. Okay, so you didn't take anything?
- 25 A. No, no, I don't think so. I think -- I assumed the IV was

- normal saline IV; I don't know, so... Yeah.
- Q. Not your knowledge you took anything?
- 3 A. Not to my knowledge, no, and I'm a hundred percent confident
- 4 | that it'll -- everything will be clean. I'm not a user of
- 5 anything, so...

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- 6 Q. Now, you know we've got to ask, you know.
- 7 A. Yes, yeah, of course, yeah.
- 8 Q. And since we're asking that, what about cell phone; did you,
- 9 you know, did you have a cell phone on you that day?
- 10 A. No, no, none. (Indiscernible) use your cell phones in the
- 11 car there. And, actually, that was kind of a rough night because
- 12 | everything -- my car keys and my I.D. and my wallet, were in my
- 13 grip, my backpack, and that had been misplaced. A police officer
- 14 had taken it and I could not find it. So later on that night,
- 15 | after everything was okay, I couldn't get my car keys or my phone
- 16 \parallel to call my family and that was kind of the roughest part. I
- 17 wasn't sure how big of a news story this was that they -- all my
- 18 | family and loved ones are in Washington State and -- because I had
- 19 | just came to California recently. And so, I was -- I had all
- 20 | night without being able to communicate with anybody and that was
- 21 rough. So -- but the -- and then the next morning, when the
- 22 foreman took me to get the (indiscernible) get my backpack and I
- 23 got my car keys to get back to CEMOF, and then I was able to get
- 24 | my phone and call everybody and get back there.
- 25 Q. Okay, so you weren't using your phone when this happened?

- A. No, no, correct.
- Q. The -- do you remember the -- I just want to go back to that Form B.
 - A. Yeah.

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- Q. And I think you -- I recall you telling us that, you know, that was going on for a while, a few days prior. Do you remember seeing them out there in any of the days before this accident?
 - A. Yeah. You know, I think so. Like, I think I saw them at a -- in between -- there's the intermediate signal -- well, in between South City Station going north, they -- I noticed them on the west side of the tracks with the signal houses before. That's the only thing I can recall. I didn't -- I assumed they were working on Main Track 2 around South City Station, South San
- 14 Francisco Station, but I can't -- the -- just for, like, the last

15 few months, that station has been being, I think, like,

16 refurbished and things, and so there's been a lot of working going

on there, so that's typical to see people at those -- that area,

and there's not always a Form B there. So, to be honest, I don't

19 | know, and -- I don't know.

Not to get off topic. Like, I -- because we have our maintenance people and there's also these -- the Balfour Beatty people, and I'm not sure how to differentiate that, like, because I didn't realize that they were doing Form B stuff. I thought, you know -- usually Balfour Beatty, I thought, was, like, tracking time and Form B's was, like, maintenance people. I don't know

- what the differentiation is; like, honestly, I don't have all that knowledge, but --
- $3 \parallel Q$. No, and that's understandable.
- $4 \parallel A$. I don't -- yeah.
- Q. Will, I don't have any further questions for you. I'm going to pass it around the room to my working group members here, and they'll reintroduce themselves before they ask you some questions,
- 8 okay?
- 9 A. Okay, yeah.
- 10 Q. How are you doing? Are you doing okay? We can keep going?
- 11 A. I'm okay, yeah. It -- you know, it's going to be like this
 12 for a while, but I'll do my best here, sir.
- Q. All right, let's keep going, Will.
- 14 BY MR. SIMMONS:
- 15 Q. Hi, Will. You're in good spirits. That's -- yeah, yeah.
- 16 | A. Yeah.
- Q. So that smiling and -- Will, I'm Frank Simmons with the
 Federal Railroad Administration, and I hired on with the UPSP and
 I was a locomotive engineer and a road foreman for many years, so
 when you going through that oh crap moment, I know exactly what
 you're saying when you placing the train in emergency, your
 toggling the switch for the rear to go in, and you're blowing the
- horn, and, you know -- so, yeah. But I do want to thank you for
- 24 | taking your time out of your busy day to answer our questions.
- 25 A. Yes.

- Q. I know this is a very stressful time for you and that's why it's so imperative that we get all this information so we can make sure nothing like this happens again. So no one else is in your position, okay?
- 5 A. Right, yeah.
 - Q. Because it's traumatic, it really is. All these incidents that I know -- I've worked on the FRA quite a while. I've seen this and I never want to see them again --
- 9 | A. Yeah.

- Q. -- and this is the reasoning behind this, okay, so -- and I
 appreciate that. But how far in advance, Will, did you notice
 that -- because it is deceiving whether -- are they on my track;
 are they not?
 - A. Yeah. I think, to the best of my recollection, it was a -you know, I'm not a great judge of distance, but I could say
 there's an intermediate signal after San -- at San Bruno Station,
 so we clear San Bruno Station, intermediate signal. There's going
 to be another one before the CP Center signal. So after this
 first intermediate circle -- boy, I -- I think they were at the
 location that would be 11.7 -- because that's where I set my air
 coming northbound, and I think that was right about where they
 were -- and I was just by that other intermediate signal. So -but, distance wise, it's tough. Like, I want to say, like,
 maybe --
 - Q. No, just -- and it's okay. You don't need --

A. I, I --

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- $2 \parallel Q$. I -- because I know you sit a lot higher up in the locomotive
- 3 than -- because I was trying to get a perspective, but I wasn't
- 4 physically sitting up on the locomotive where -- so this is just a
- 5 guesstimate. I looked in both ways. I was like, okay. I thought
- 6 about three quarters of a mile, okay?
- 7 A. Three quarters of a mile? Yeah, that could be -- I was going
- 8 to say maybe half a mile, but that --
- 9 | 0. Half?
- 10 A. Yeah, that could be.
- 11 | Q. Okay.
- 12 | A. Yeah.
- 13 Q. Okay. No, and that's fair right there. I just wanted --
- 14 because, you know, the perspective for the rails running together
- 15 | and stuff, I know what you're saying.
- 16 | A. Yeah.
- 17 Q. So when you looked at this equipment, did you go, oh crap,
- 18 they're on my track, or, no, they can't be on my track; they've
- 19 got to be on the opposite track?
- 20 A. Yeah. So, first, like, I had that first, like, they can't
- 21 | be, you know, and -- because I, you know -- even though it looked
- 22 | like it, but I wanted to be, you know, sure. There's been so many
- 23 times people are like -- I -- you know, I've never had to plug a
- 24 | train before in my career, you know. I have nothing weird -- I've
- 25 | had a pretty -- up until this moment, a non-descript career;

- 1 nothing weird has happened to me, not even in training. So I've
- 2 never had to plug a train before --
- $3 \parallel Q$. Right.
- $4 \parallel A$. -- and I always --
- 5 Q. Right.
- 6 A. You know, I think about that a lot, like what would I do?
- 7 Like, you know, because there's, you know, like, you know, people,
- 8 you know, railroaders, talk about these things, you know, and,
- 9 like, it just -- so I've never had to do that, so...
- 10 0. Yeah.
- 11 A. And then, in this moment, I was like -- you know, it happened
- 12 quick. But, yeah. So I thought -- it peaked my interest. I was
- 13 | like, this can't be right.
- 14 0. Yeah.
- 15 A. So I looked -- I sat up, like, are they there? So I took it
- 16 | like, you know -- in the moment, it felt like a second to make
- 17 | sure.
- 18 | 0. Yeah.
- 19 A. In real time, I don't know how long it took, but
- 20 (indiscernible).
- 21 Q. I've been up like that on the screen too going, you know --
- 22 A. Yeah, like -- yes.
- 23 | Q. -- or looking right out the window going okay, okay; oh good;
- 24 | thank God, you know. So --
- 25 A. Yes, yeah.

- Q. -- I just, you know --
- 2 | A. So --

- $3 \parallel Q$. -- when you got that perspective, I wanted you to just tell
- 4 | me whether you thought they appeared to be on your track or
- 5 whether they weren't. Because running a locomotive -- I was a
- 6 locomotive engineer for many years and I was also a road foreman,
- 7 | riding with engineers, giving them their certifications and
- 8 everything, so I know exactly what you're, you know -- and so, we
- 9 rely on the signal indications, and we do.
- 10 A. Yeah.
- 11 0. This is what they're there for. I mean, so we trust that
- 12 | everybody else is going to do their job, okay? So when -- we run
- 13 on signal indications and we look and we appear that, hey, my next
- 14 | stop is going to be here. And just like you had said, I ran on
- 15 | that mountainous territory and I'd be like, okay, right past Uncle
- 16 Joe's red barn --
- 17 | A. Yeah.
- 18 0. -- I set for service, you know? And then --
- 19 A. Yes.
- 20 \parallel Q. Because that's the way we're programmed to do it, so I know
- 21 | what you're -- and I thank you for that. You already told me you
- 22 were on the clear signal, right?
- 23 A. Yes, yeah, we were on a clear signal. We had just crossed
- 24 over in that -- we had limited clear at the absolute signal there,
- 25 | and then a clear signal at the intermediate signal, and we were

- $1 \mid \mid$ going to have clear signals to make our next stop. We were going
- 2 to beat -- sometimes you could get, like, a -- and it happens like
- 3 we're -- there'll be a red block before our next stop, and so
- 4 we'll have to wait and meet a train or something like that; our --
- 5 | 0. Sure.
- $6 \parallel A$. -- tracking time isn't clear. But, yeah, we were on a clear.
- $7 \parallel I$ was in my mode to do my normal Millbrae station stop.
- 8 0. Yeah.
- 9 A. So, yeah, we were out and that's when -- when I saw them,
- 10 | that's what went through my mind real quick, like, uh, I'm on a
- 11 clear block; they have to be the other track. So that's why I
- 12 took a second, you know, like, this can't happen.
- 13 Q. Yeah, right.
- A. And then, like, I'm on this track, they're on my track, we're
- 15 on together, and then I was -- you know, it was crazy.
- 16 | Q. Right.
- 17 A. But, yeah.
- 18 Q. Right. No, and -- yeah. Thanks again. But you personally,
- 19 Will, what do you think happened here?
- 20 | A. I -- you know, from what I could -- if I had to guess, I
- 21 think my impression was like, dispatch gave me the wrong signal.
- 22 | So at the moment, I didn't think about it. Later on this Thursday
- 23 evening, I met Tim, who said he was the watchman there, and he
- 24 | said he thought their tracking time was good; he was where he was
- 25 | supposed to be. He told me that. I can't remember his last name,

- but I think he was in the truck there at the incident.
- 2 | Q. Okay.
- A. And so, when he told me that, I was like, maybe they crossed me over at the wrong spot; they should have crossed me over at CP
- 5 Center.
- $6 \parallel Q$. Maybe the dispatcher lined me up at the wrong -- yeah.
- $7 \parallel A$. That's what I was I -- that was what I was thinking, but I
- 8 don't know, you know. I can't see their track and time. It's
- 9 just -- it -- for five months, there's track and time, there's the
- 10 | red signal. I know -- you know, and railroads you kind of join
- 11 | track and time things, but --
- 12 | Q. Right.
- 13 A. -- with Caltrain, it's always been this way. Like, if
- 14 | there's a track and time, we get a red signal, the dispatcher says
- 15 | that, you know -- maybe, you know, once a day, I'll get it, like,
- 16 or, you know, a couple of times a week, like, I've called like,
- 17 we're stopped on red at CP whatever. It was like, okay, yeah,
- 18 we're just waiting here for tracking time to clear up. They clear
- 19 out, we get the green signal, and it happens this way every time.
- 20 | So it was like when you told me they have track and time, I was
- 21 like -- you know. And then we had the issue with the Form B, but
- 22 | the Form B limits were clear, and that was --
- 23 Q. You were clear?
- A. -- and that was well over the limit, so I was like -- and it
- 25 was the Balfour Beatty guys, I thought, I was like -- it was a

- 1 mess. So I thought I got the wrong signal, and that's why I was
- $2 \mid \mid$ like, but I couldn't have; PTC would have stopped me; I called the
- 3 | signals; we were on clear. So I was like --
- 4 Q. Very good.
- 5 A. I thought, maybe we got the wrong -- like, maybe somebody
- 6 gave me the wrong signal. That was my -- if I had to guess.
- $7 \parallel Q$. We heard him say high ball the roll by two, so we know --
- 8 A. Yeah, okay.
- 9 Q. -- the Form B guy had cleared you through, because he
- 10 basically gave you a high ball, you know.
- 11 | A. Yeah.
- 12 | Q. So do you remember hearing that on the radio?
- 13 A. I can't remember that; I just -- I'm -- I remember just
- 14 | thinking about the crosswind, the dispatcher calling about the --
- 15 the slow order was the one that I can remember now.
- 16 Q. Yeah, yeah. No. Because they're --
- 17 | A. Yeah.
- 18 Q. And then, like you said, you're like, well, man, I hope it
- 19 | isn't within the next five miles because --
- 20 A. Yes.
- 21 | Q. -- you know, I've got to call you back; I'm not running the
- 22 | slow order because I'll be fired, you know?
- 23 A. Yes, yeah.
- 24 | Q. So -- right.
- 25 A. But I wanted to make that clear.

- 1 Q. Right, right. So, yeah, there was a lot going through your
- 2 mind. Thank you. Over the last 60 days, Will, how many times
- 3 have you traversed this route, or how many times have you ran this
- 4 certain route from San Francisco to where?
- 5 A. In the last six days, probably 60 times, I'd guess. You
- 6 | know, there's days where you do two times a day.
- 7 1 0. Wow.
- 8 A. I have some days where I'm off, you know, like a day or two
- 9 off.
- 10 | 0. Sure.
- 11 A. So it's probably close to 60; I'm guessing between 50 and 60.
- 12 | Q. That's great. This is just -- you know, my question here was
- 13 how familiar were you with this territory?
- 14 A. Yes. I know it's been a relatively, you know, in live terms,
- 15 | short time, you know, since September, that I've been working here
- 16 | in all, you know, marked up, but I feel extremely comfortable with
- 17 | this job. I feel good about -- I -- I'm good at it. I've had no
- 18 issues here. I've never missed a station stop. So I'm
- 19 comfortable with this job.
- 20 0. Good.
- 21 A. Familiarity was not an issue. Fatigue wasn't an issue that
- 22 day. You know, there's time where, you know, you're tired,
- 23 | obviously, in the railroad industry, but we, you know, drink
- 24 coffee and everything and we do the best we can, and --
- 25 | Q. Right.

- A. -- it usually all just fine, you know.
- 2 Q. Right.

- 3 A. And I -- and the beautiful thing about Caltrain is it's, you
- 4 | know, that 40-mile stretch and we do it every day, so super
- 5 | familiar with this -- with that job.
- 6 Q. So you're very familiar with it. Okay, thank you, Will.
- 7 | Will, did you physically inspect the locomotive this -- that
- 8 | locomotive you were on, I believe, the JPBX919, or was it already
- 9 daily'ed, or --
- 10 A. I -- it was daily'ed just right before I -- the only
- 11 | inspection I did was I -- as I walk up on the platform side, I
- 12 | just look and make -- you know, nothing is out of place, just
- 13 check that the brakes are there, the fuel is there, check the fuel
- 14 | levels, make sure the lights are on. I go in and make sure all of
- 15 the switches are in the right spot; it's running. Usually, on the
- 16 | first train for the day like that, the mechanical department will
- 17 get them up and running, started, and they'll do their --
- 18 0. Oh.
- 19 A. -- their daily checks there.
- 20 Q. Oh, okay, okay. So thank you. So now, while you were
- 21 | running this locomotive, did you notice anything, you know --
- 22 | because, like, I'll notice wheel slip or (indiscernible), you
- 23 | know, where I'll notice that, hey, this isn't going from seventh
- 24 | to eighth notch, you know, the way I want it. Was there any
- 25 defects to that locomotive you can think of that would hinder --

- 1 A. Yeah. I couldn't say, like, a defect. So we have in
- 2 Caltrain, you know -- I don't know how many -- you know, around 20
- 3 something engines that we run, you know, and it can be any one of
- 4 those every day, but as -- over these six months, you know, you
- 5 get to review all of them, you know. So I've ran, you know 20
- 6 different engines, and they all have their --
- 7 0. Yeah.
- 8 A. -- their little, you know --
- 9 Q. Their little perks and --
- 10 A. -- peculiarities.
- 11 | Q. Yeah.
- 12 A. Yes. None of them are the same, and so you kind of get it
- 13 from the -- and so, we have two different types of air braking set
- 14 ups, so the, we call it, direct release --
- 15 Q. Do you guys do a run in the air brake test?
- 16 A. Yes, yeah. So we -- every, every trip, every run direction,
- 17 | anytime we change direction, we do a standing air brake test, a
- 18 door light test, and then when we start, we do a running air brake
- 19 | test --
- 20 | Q. Okay.
- 21 A. -- without fail every time, every changed direction. And so
- 22 | -- and this is actually, you know, the third train of the day and
- 23 | I -- so I've ran this train now this morning already, and so I had
- 24 | a good feel for it this -- today, and it's a -- but -- I've having
- 25 | a -- it's -- I drawing a blank right now. We have a direct

- 1 release, and then, like, another word for the release. So this
- 2 has a EP holding feature, you know, electric (indiscernible)
- 3 | brake, I think or something like that, and we -- the shorthand is
- 4 we call it a gallery setup. So -- and then we have these
- 5 (indiscernible) setups, which are different, and I personally
- 6 prefer the bomb set braking, and I just feel like it's -- I feel
- 7 better about it. And so, the gallery sets have a certain braking.
- 8 So, like, every time we go to a station stop, I'd start with a
- 9 minimum. I needed to add more and add more and add more to get it
- 10 stopped where I wanted it to, and that's, you know, like, with a
- 11 | bomb (indiscernible) to -- I might be able to just go, you know, a
- 12 minimum to 10 pounds, and then we're going to be stopped. And so,
- 13 | it's just a little like --
- 14 \parallel Q. So it just depends on what locomotive you're running, SD70 --
- 15 A. Yeah.
- 16 | Q. -- compared to 40 or -- yeah, so --
- 17 A. Yeah. And this one was a -- you know, it needed those
- 18 | brakes, you know, so, you know, coming to stations, like, I would
- 19 do more than I might typically do on average, I would say, but
- 20 nothing like where it was like, where it was like, where it's
- 21 | like, you know, it's like, today, like, I know this train is going
- 22 | to need a little more than I would have done yesterday.
- 23 \parallel Q. So you needed to add a little bit more air to get this train
- 24 | specifically --

A. A little more air, yeah.

- Q. -- stopped with this locomotive? Okay, that's good enough.
- 2 A. Yeah.

- 3 Q. That's -- I just wanted -- so, and you had said that you were
- 4 | the one that put the train into emergency, right? Yeah, because I
- 5 guess --
- $6 \parallel A$. Yes.
- 7 | Q. -- you don't have -- you don't run with an engineer, so it
- 8 | couldn't have been a conductor-induced emergency; it had to have
- 9 been an engineer-induced emergency?
- 10 A. Yes. I'm in the locomotive cab by myself.
- 11 || Q. By -- so you're the one that put the train into emergency?
- 12 A. Yes, sir, yeah.
- 13 Q. Okay, thank you. Well, thank you, Will. Thank you, and I do
- 14 | appreciate it. Thank you, Will.
- 15 A. I appreciate you. Thank you.
- 16 BY MR. STABLER:
- 17 Q. Good morning. My name is Robert Stabler with the CPUC,
- 18 operating practice inspector. I just have one quick question.
- 19 You said that this was the third leg of your four-leg trip. On
- 20 | the way northbound on your second leg, did you see them out there
- 21 preparing to get ready to go to work or anything like that?
- 22 A. I did not. You know, I had on my paperwork that, you know,
- 23 | to look out for an early -- because, you know, we have a -- on a
- 24 | Form B, you can have an hour before the official time and an hour
- 25 | after, so I -- but we were still under that time, I believe. So I

was looking out for an early flag and I did not see any early flag or anybody out on the tracks yet. There was nobody there, and especially nobody in that spot, and I don't think -- because it was an early train, so I don't think there's anybody out there yet coming northward.

Q. Okay, that's all the questions I have.

UNIDENTIFIED SPEAKER: Oh shoot, we froze.

MR. FRIGO: Are we back now?

Will, can you hear us?

Do you want to call?

UNIDENTIFIED SPEAKER: Yeah.

MR. FRIGO: (Indiscernible).

MR. BRYAN: Okay.

BY MR. COSTA:

- Q. Hey, Will, Louie Costa with SMART TD. So just, first off, I appreciate you being here today and I'm -- we're really sorry that you had to go through this. I'm 25 years as a conductor off the BNSF actually, so, you know, it's never a good thing, so I appreciate you being here. I just had a couple of quick questions.
- 21 A. Yeah.

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- Q. So we were told that, traditionally, or that, I guess, for the most part, that the Main 2 was for southbound traffic and Main 1 for northbound. Is that accurate or is that --
- 25 A. Yes, that is the general -- the operating, you know,

procedure there, and then the only -- you know, there's situations

- 2 where, you know, you have to cross over, but, generally, you're
- 3 going, yeah, south on 2 and north on 1, unless there's like a --
- 4 | you know, something going on.
- Q. So when you left South San Francisco, were you on 2 and then
- 6 crossed over to 1, or --
- $7 \parallel A$. Yeah. So at -- so we were on 2. We left San Francisco City
- 8 on Track 2, went through 22nd Street on Track 2, went through
- 9 Bayshore station on Track 2, all that way until Milepost CPC area;
- 10 then at CPC area, we crossed over to Track 1, which is different.
- 11 Like, you know, normally, if there was something else going on,
- 12 we'd stay on Track 2 through here. But we crossed over to Track 1
- 13 through the Form B, so that's like, you know, 8.3 to 9.8, and then
- 14 | to -- so we stay on Track 1 and we cross back over at CP Scott,
- 15 | back -- so now we're back on Track 2. So, yeah.
- 16 | Q. Okay, and -- but you said you didn't see anybody working on
- 17 | Track 1 at -- in the limits of the Form B that day, right?
- 18 A. Correct. Yeah, I don't think there was anybody working yet
- 19 on the track there.
- 20 Q. And then just the other question. With -- I mean, I know
- 21 there's been a lot of construction going on, a lot of stuff
- 22 | happening. In your time since September, have -- has there been
- 23 any other instances where you felt, you know, concerned because of
- 24 the construction, proximity of the track, things along those
- 25 lines?

- 1 A. Like, instinctively, yes. You know, it's close. You know,
- 2 | it's, like, close proximity. I -- you know, we kind of remarked
- 3 about that, the crews, all the time, like, man, that's -- they are
- 4 close, you know; glad we're not doing that job, you know, that
- 5 type of thing. But, you know, it's been six months
- 6 (indiscernible) incident, you know, that's just kind of, I guess,
- 7 you know, how it is, you know. It's a tough job there, but it's
- 8 | always close.
- 9 Q. Okay, yeah. And, I mean, most of the stuff that I would have
- 10 asked has already been asked, so I'm not going to keep you any
- 11 longer. So, again, appreciate you being here, and I'm really
- 12 sorry you had to go through this.
- 13 A. I appreciate it. Thank you.
- 14 BY MR. MAYNARD:
- 15 Q. Will, this is Jim Maynard, BLET Safety Task Force. Just a
- 16 couple of quick things; first and foremost, I would reiterate what
- 17 Ryan said, is definitely go and talk to somebody. This is going
- 18 | to hit you later. Having been in that position -- I've been
- 19 | running for 17 years now, and, you know, it's just something we go
- 20 | through. Don't worry about what anybody else thinks; it's none of
- 21 their business.
- 22 | A. Yeah.
- 23 | Q. But definitely get somebody to talk to. If you don't have
- 24 somebody, let me know; I'll find somebody for you.
- 25 A. Okay. Yeah, I've had the plan. Like, you know, I know the

EAP called me, but it's going to be a little bit before they can schedule, so -- but I was also going to -- you know, my evening guy recommended I find somebody too on my own, so I was going to start that process here soon, hopefully, Monday or so.

- Q. Okay, great, great. And, you know, you kept talking about not announcing the emergency on the radio. I wouldn't even sweat it. You're doing so many things up there already. You did a great job as far as recognizing where you were at and taking care of business there. Let me ask you this. First things first; you said PTC was a hundred percent operative?
- 11 A. Yes, yeah, yeah. You know -- yeah, yeah. So, typically, 12 yeah. The -- no issues there.
 - Q. Okay, all right. And the other thing -- let me just -- this is a personal question, or a personal preference question, or however you want to look at it. Do you feel like -- when you're in the cab by yourself there doing Form Bs, blowing crossings, talking on the radio, and everything else, do you feel a little overwhelmed at those and running the train?
 - A. Not anymore. You know, starting out, yes. You know, that was a -- you know, at BNSF, you know, the conductor, the -- you know, would come to the radio so the engineer can, you know, do everything else. So, you know, my trainer, the guys that familiarized me in Caltrain, he, you know, he was from BNSF previously too and he was -- he made that clear. So it actually helped a lot with -- you know, he was like, here, the engineers

- 1 take care of all this stuff and, you know, you've got a lot of
- 2 responsibility that way. And so, you know, I -- it's -- you know,
- 3 I embraced it, and it's different from freight, but it's doable,
- $4 \parallel$ you know, and -- but it is -- at first, it was overwhelming, but,
- 5 you know, I've become comfortable with it as the time --
- 6 Q. Right. I totally understand that. So do you think it would
- 7 beneficial to have another person in the cab with you to help
- 8 share these responsibilities and make sure you're on top of it
- 9 | together?
- 10 A. I don't know. If I -- you know, for me personally, you know,
- 11 | I take a -- you know, I kind of, even in the freight world -- I
- 12 | put -- I like to take all the responsibility; I don't like to put
- 13 | it in somebody else's hands, you know. I like being in control of
- 14 | my own destiny in that way, so I don't need anybody else in there
- 15 personally, but I don't think it would hurt or, you know -- but, I
- 16 don't know. I don't think it would, you know, for me personally.
- 17 0. And also, I was going to tell you, you know, I'm glad to hear
- 18 you're with family. I don't have any other questions except,
- 19 | like, I said, just make sure you get with somebody and talk to
- 20 somebody. Sometimes it takes a little bit for everything to kind
- 21 of sink in and, you know, what I've found, the best thing that
- 22 worked for me was just to let it out, you know. Don't worry about
- 23 | who's around or anything else; just let it go, you know.
- 24 | A. Yeah. It's ---

Q. That's not something you want to stuff down.

- 1 A. Yeah. It's been a weird, like, you know, like a
- $2 \mid \mid$ rollercoaster ride. You know, it's kind of emotional for a little
- 3 bit, and then I'll be fine for a little bit, and --
- $4 \parallel 0$. Um-hum.
- 5 A. But, yeah, it's -- I'm glad I -- coming up to see my family
- 6 was a good thing, for sure. Yeah. Thank you.
- 7 Q. Thank you.
- 8 BY MR. JENNER:
- 9 Q. Hi. This is Steve Jenner with the NTSB and I appreciate all
- 10 of the details you've provided so far. It's very helpful for all
- 11 of us. I'm going to bounce around a bit just to either get
- 12 clarification or just a little bit better understanding of the
- 13 operations overall.
- 14 | A. Sure.
- 15 Q. First question was how was the radio reception that day when
- 16 you had to talk, I guess, to the dispatcher or anyone else?
- 17 A. Yeah. I think the radio reception was pretty good that day.
- 18 I don't recall it being an issue. You know, it can be reception,
- 19 you know, issues, but, yeah, not in that moment. It actually --
- 20 you know, that Bayshore area is tricky because there's a big hill
- 21 there, and so it can cause issues with, you know, reception around
- 22 | there, but that did not happen that day.
- 23 Q. During your -- the southbound -- the accident trip, did you
- 24 overhear conversations on the radio by crews talking to the
- 25 | dispatcher or crews to crews?

- A. I don't think so, but it's possible, because that does -- you know, you do hear, like, usually the minutes, people being -- you know, make sure everything is clear, like, before they clear a train, and, you know, they'll do, like, the radio checks and things, but I can't say now a hundred percent if that happened or not on that trip, at that moment.
- $7 \parallel Q$. Right.

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- 8 A. I apologize.
- 9 Q. So nothing that you recall that concerned you about any of the communications going on over the radio; nothing stands out that was a concern?
 - A. Correct, yeah, there was nothing that caused me -- yeah, the only thing that caught my attention was that slow order issue; that was the -- my life out there. Like, there was nothing out of the ordinary on the radio with the Form B to, you know, alert to anything thing going on.
 - Q. Got it. I heard during your earlier description that on occasions -- if you can help clarify when -- that you called signals to your conductors. So on what occasions do you do that? Is it for every signal or is it for anything more restrictive than clear; if you could describe?
- A. Yes, yeah. So, in general, it's -- we always call it the signal, the departure signal, and that's usually a clear, typically, you know, when you depart from the, you know, initial station. Then we call out everything that's not a clear, and then

once we're on a signal more restrictive than clear, when we get 1 2 the clear, we call that clear, and then, from that, we don't call the proceeding clears until there's a color signal. 3 4 called out that limited clear at CP Scott, we're on -- we 5 typically don't call out the next clears from that point until

7 Right. What benefit do you think calling out signals to your

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there's a yellow or whatever.

conductor provides?

- Well, I think it provides, you know, a sense of redundancy. 9 10 You know, it's just to say it out loud. You know, you can be 11 isolated up there and, you know, get in your head, I suppose, and, 12 you know, it's just another -- a lare of, like, redundancy there. 13 And the conductors, they can't see because they're in the, you 14 know, the passenger cab cars, so they have no ability, so it's 15 that communication. And then especially if there's, like, you 16 know, something different, like if we're going to cross over 17 somewhere that we haven't done before, it's like we -- you know, I 18 want to make sure they know -- we know what's happening there.
 - Very good. Thank you. I don't recall you talking about, during your southbound trip, about any northbound trains you may have passed. Do you recall any northbound trains passing you during that --
- Yeah. No, I didn't recall that, and that's actually -- I had 24 the thought when I first escaped the train, you know, there could be one because I hadn't seen one, but since we crossed over onto

Track 1, I knew there couldn't be anybody -- you know, well, there shouldn't be anybody near me, otherwise, we would have -- somebody would have had to have had a red signal waiting for that cross, because, you know, we can't cross over at the same time. -- so we were occupying Track 1 for that Form B and we had the Form B, so it's sort of what we call it single tracking to that area. Because if they're working on Track 2 with the Form B, we can only have one train, you know, passing through there on Track 1. So I had the signal. I knew I wasn't going to see a train at that point because Track 2 is occupied with the maintenance and we're on Track 1. And then since we crossed over at CP Scott, I would have imagined there might have been a train at Millbrae waiting with a red signal at CP Center. That would be, like, typically, you know, like -- we call it, like, a meet, you know, or you're waiting on 1. And so, I don't recall seeing a train northbound there.

- Q. Very good. We had talked about when you first saw -detected the equipment on the train, the trucks. I think you said
 you were traveling about 65 miles per hour, is that correct?
- A. Yeah. I would say in between, you know -- if I had to bet my life on it, I'd say 62, but I think it's possible we got up to 65, but, no, I don't see anything more than that.
- Q. Very good. And you also estimated that it was about a half mile before the -- you first saw the truck.
- 25 A. Roughly.

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- Q. Roughly, sure, sure. So then there's the process of first seeing it and then making a determination of is it on my track or not my track, and then taking action to apply the brakes. Any idea about how long that process took from when you first saw the truck to you made the physical throttle movement --
- A. Yeah.

- $7 \parallel Q$. -- or brake application?
 - A. Yeah. I would say, you know, I'd like to say just like a second, maybe two. It all happens very fast and that is one thing I was -- you know, looking back, I think I did well with the timing of the of the emergency brake. Like, you know, I don't know if that second or two would have mattered, you know, but I -- you know, there was, I think -- I would say just a second, or maybe two seconds from when I first thought that it might be a thing to when I applied the emergency brake.
 - Q. Right. When you first saw the truck in -- again, in this very short period you're trying to assess where it is, were there any physical impediments preventing you from making a determination? Go on.
 - A. There's a crown of the, you know, the grade there. So, you know, we're coming from a high elevation to a lower elevation, and so -- and it's like a -- you know, you can't see it. So there's like -- I don't know. I think a crown is the right word where, like, the ground is not level, so it's not a straight line of sight. So there's a point where, you know, I was requesting that

-- coming down that grade, all of the tracks are, you know, like in a line, you know, from the -- from our perspective, and then as we get closer, then, you know, they start to separate and you can see that there's two separate tracks, and, you know, that's when I, you know, got close and you could see that they're on Track 2. But nothing, like, physically blocking; it's just the grade of the land.

- Q. I see. Okay, bouncing around still, you talked earlier about, you know, the construction that's going on, and if you could just elaborate how that may affect your operations and your work load? I think you've already talked about it; I'm just looking for whatever details you can offer.
- A. Yeah. You know, there's quite a, you know, construction process now with the electrification system, you know, there Caltrain and putting in, and it's just a, it's a, you know, omnipresent at the moment and that's just kind of the way it is that, you know, like, there -- every day, we take a train in or out of our -- both, you know, from CEMOF Mechanical Station, and we put it back in, and usually there's people working on it, like, so we can either through the north end or the south end, and there's typically one of the (indiscernible) is closed because of construction. And so, it's just part of, like, you know, the operation right now in that, you know, there's everyday construction stuff going on that's affecting, you know, altering, you know, the plans there.

- Q. Okay. Did I hear you describe that first it was a little challenging to get used to the change of operations, but you became more accustomed to it?
- Yes, yeah, yeah. Say, like, you know, in the freight world, you have the conductor there in the cab with you, and then -- and this -- in Caltrain, you do not. So it is -- it was an adjustment. Like, I had never -- you know, I went straight from conductor school into engineer school, you know. My -- I had low seniority, so it's just it kind of happened, and I never had to, like, call out a Form B in BNSF because the conductor always did that and -- I was an engineer, so when I came to Caltrain, it was, like, you know, new for me. I was like, you know, like, the engineer does this? And so -- and I -- yeah, I (indiscernible) and I a great familiarizer that helped me, you know, get there pretty quick. Because, you know, it's just different. overwhelming now, you know, it's -- you can do it with your eyes closed now. But, yeah, so the engineer has, you know, all those responsibilities, but it's not too much, you know, now, but at the beginning, yeah, it took a bit to get used to.
- Q. Very good. I'm going to change directions again. In my capacity here, I'm also interested in someone's background. We've already asked you about your training and experience, but if I can ask you about your fitness for duty, your medical physical health before the accident. Are you okay talking about that?
- A. Yeah.

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Q. Sure. So, overall, how -- you know, before the accident, how was your health?

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- A. Pretty good. I think not perfect. I'm, you know, I'm cognizant of health and I -- and, you know, I have the intention of being healthy. I don't have the best diet, you know. I do try, but I, you know -- I'm pizza. Like, I know I generally try to be healthy. I don't do any destructive stuff, I don't think, to my body or health or mind. Yeah. I don't know. There's if
- Q. Sure. I'll be a little more specific. Are there any chronic conditions that you have, like, any heart disease or high blood pressure that you're getting medical treatment for or medications?

there's, like, anything specifically you mean.

- A. Oh, no. I'm generally healthy in which I've never had any medical issues that I can think of. Never had a, you know, had a hospital stay of any sort. Yeah, no blood pressure or heart issues, nothing that I, you know, can think of.
- Q. Very good. Any more acute, such as a common cold or allergies or anything like that?
- A. Nope. I've been pretty lucky that way too. You know, I got the -- the COVID vaccines knocked me out, you know, a little bit when I got those, but other than that, nothing.
- Q. Very good. How is your -- when was your last company physical?
- A. Company? I guess it would probably when I got hired or in the hiring process there; it would probably be in July of last

year.

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- Q. Any issues or restrictions with your vision or hearing?
- 3 A. Nope. I think I passed all that pretty well. I had LASIK
- $4 \mid \mid$ eye surgery a couple of years ago, and so my vision is pretty
- 5 good.
- 6 Q. Okay. Are you -- when you -- you learned your craft as an
- 7 | engineer at BNSF. Was there any -- tell me what type of training
- 8 you had just for when you came to Caltrain. How did they prepare
- 9 you for their operations?
- 10 A. At BNSF?
- 11 | Q. No, no, once you came to Caltrain. It's, you know, a little
- 12 different equipment, different territory, and just wondering what
- 13 | additional --
- 14 | A. Oh.
- 15 Q. -- training did you have?
- 16 A. Yeah. So when I started at Caltrain, I first took about, you
- 17 | know, maybe a week, maybe two weeks, of just, they call it, head-
- 18 | in trips where I was just learning the tracks and the signals and
- 19 the platform, you know, did the -- learning the territory just
- 20 with my eyes.
- 21 | Q. Right.
- 22 | A. And so, we did that for maybe two weeks, and then I was able
- 23 | to operate the trains with, you know, the -- from the same
- 24 | engineer that was training me or familiarizing me, with his
- 25 | supervision, and I did that for about two months, I think. You

know, it was just solely -- but -- so it started out, you know,

I'd do just a section, and then -- until, you know, I kind of

learned the controls. The tricky part is all of the trains are a

little different, you know, with their brake handles or brake

systems and throttle, you know, so that's, you know, the time
consuming part is learning all the different trains. But, yeah, I

had two months of familiarizing with a supervising engineer.

- Q. And then after that two-month period, did you feel confident?
- A. Yes, with -- generally, yeah. You know, I felt comfortable with what I -- you know, I could handle the train well and I could, you know, run track speed, I could get it stopped at the platforms. I don't know any of the conductors (indiscernible). You know, I kind of joke about that. Like, ideally -- but even like in freight, you know, I didn't get to learn conductor stuff that much, so it'd be nice to have that, you know, conductor knowledge because I don't know what the Caltrain conductors do,
- all of the different trains that Caltrain has, all of the
 different trains that's all the (indiscernible) from San Francisco

really, you know, like how they open doors or anything. I just

had to know that, and so -- but with my job operating the train,

21 to Gilroy, every stop and every express, I feel very good about

22 | it.

- Q. Thank you. Can you talk a little bit about your -- the injuries you sustained as a result of the accident?
 - A. Yes. So I think as the, you know, the collision happened, I

got swung forward a little bit. I hit my knee and my left side on the control panel, you know, and the train said it was a control stand with the airbrake throttle on the left-hand side and just nothing but the PTC screen directly in front me, and I think I hit my knee on that, and just my left side on the control panel. It gave me, like, a bit of a dead leg type of thing on my right leg. I got a couple of scratches there, scrapes, and on my arms, but I was able to, you know, walk quickly away from the incident. And I got x-rayed images and they said that there's nothing, you know, concerning on the x-rays, so just bumps and bruises types of things.

- Q. Got it. And one final area. I don't -- I'm not sure how much time you've had to reflect on what could have helped you out, but -- in terms of preventing the accident, but do you have any thoughts about if there are any different types of procedures or equipment that would have helped you out maybe preventing the accident or helped you out after the accident?
- A. I haven't thought about afterwards, and prevention is just like, you know -- I don't think there's much that, you know, can be done on our end. You know, I couldn't -- you know, we're signal indication, so -- and that's all we really have to go on, and I think, you know, there's just got to be some sort of way to -- I don't know they can be on the track, you know, because there -- I think there's like that something system, you know; they should be on the track and have a clear signal, you know. It just

-- it's already supposed to be not allowed to happen, so I don't know how they -- how it's possible, you know? That's the comforting thing, you know, when you're like -- sorry -- the FRA guy was saying, you know, we're at track speed; all we can do is hit the emergency brakes, and then it's, you know, in God's hands, you know, how the train stops.

Q. Right.

- A. So we're at, you know, on a clear signal without any other information; all we can do is go track speed and -- so -- and it seems like the precaution is already in place, you know, like the shunting and things, so I don't know what I could be done, you know. And again, you know, I don't know -- I haven't given a whole lot of thought about fixing anything, because it seems -- you know, it should be -- it shouldn't have happened in the first place. I don't know. But -- and -- yeah. Afterwards? I don't know, I don't know. Yeah.
- Q. Right. Yeah, along those lines, from the PTC screen, are you able to detect any type of shunting devices?
 - A. I don't think so, you know. The PTC screen -- well, I do have some ideas on improvements on that, but, you know, it's a -- they, you know, are already -- the wheels are in motion there and it works pretty well. But, you know, you can see the indication that, you know, the signal is up ahead and we don't -- well, you know, PTC doesn't signal in the case, you know, at least not the signals we do. But I -- to see that we had a, you know, a clear

1 signal PTC and I could, you know -- and we confirm that with our

- $2 \mid \mid$ eyes, you know, as we pass the signals. And so, I don't know.
- 3 Like, if -- I would imagine if PTC could see that there's somebody
- 4 on a track, there wouldn't be a signal on that -- you know, for
- 5 | that track either, so I don't --
- 6 Q. Right, um-hum.
- 7 | A. -- you know, see how that happens.
- 8 Q. Right. Now, PTC screens are, you know, relatively new. Any
- 9 thoughts about how that, the information that's presented to you,
- 10 how that could be improved in terms of, you know, the physical
- 11 presentation or the type of information that it's displaying?
- 12 A. Yes. I -- so, actually, you know, in my BNSF career, in the
- 13 Northwest Territory, BNSF had a, like, 99 percent, you know, PTC
- 14 | effectiveness operability, so my whole career, basically, I've had
- 15 to work with PTC and it's worked well --
- 16 | Q. Right.
- 17 A. -- no issue. And so, I do have some -- like, I wish, like if
- 18 | I had my wish list with PTC, I wish it would show the next three
- 19 warnings or, you know, things coming up. Like, it'll say, like,
- 20 you need to get down to 40 miles per hour in this distance. But
- 21 what about -- in the next 10 feet, you might have something that
- 22 has, like, 25 miles per hour, but it won't tell you that; it only
- 23 tells you the next direct thing. I wish there was like a, you
- 24 know, a top three, like this is happening next, then this, then
- 25 | this.

I also wish it'd show what was on the other track because, like, we -- it only shows signals. So, like, if there's a red fence and there might be a train on the other side, I don't know there's a train on -- I just know there's a red block there. I would like to be able to see what other trains are where. I -- that would be my wish list for PTC.

Q. Good.

- 8 A. But, you know, it works fine, you know; it gets the job done, 9 I think, well.
- Q. No, I appreciate that. That's interesting here. Thank you.

 I think that's all the questions I have. I'll throw it back to

 Ryan.

BY MR. FRIGO: Hey, Will, we're almost done; I promise. I'm -- I only have, like, one question that I kind of close this out with, and we've sort of touched on it and I'm just looking around the room. No one else has any questions, but Ron wants to make a few comments, so I'm going to give Ron the floor for a second.

BY MR. STAHL:

Q. Hey, Will, Ron Stahl here talking to you. I don't have any questions; I'm just here as an observer, but I just wanted to make sure that you knew everybody mentioned about you taking care of yourself, making sure you get some assistance, the counseling or whatever you need to get through this. I understand this is a tragic incident. Like you said, you've never placed a train in emergency before, so this is your first one and it was a big one.

So I wanted to let you know as a person and from the company's aspect, we want to help you through this process. You have my phone number. We'll work with you, give you the time that you need, and get you the help that you need. So -- and I truly appreciate all your professional help through this process. Thank you.

- A. Well, Ron, yeah. I just want to say, like, that night after the interview, you and Rich and Nick and everybody was -- I just felt genuinely cared for and I appreciate that, so --
- 10 Q. Yep.

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- 11 A. Thank you.
- 12 BY MR. FRIGO:
 - Q. All right, Will, we're going to talk to the conductor, we're going to talk to the assistant conductor, we're going to talk to the dispatcher. We have another team that's talking to those guys that were out there in the field.
- 17 A. Okay.
- 18 Q. Is there anyone else that you can think of that we should 19 maybe talk to?
- A. Just who -- I'm not sure, again, like, you know, how the contractor part of it works, those Balfour Beatty guys. I don't know the intricacies of that, but, you know, the -- I think the question is how is it (indiscernible) cases of why wasn't that track shunted or how did that signal get set on a track that there's people on, you know. That's the key there, I guess, but I

don't know, you know, who to talk to about that. But, yeah. And I'll keep my phone with me if you guys need anything else. MR. FRIGO: Sounds good, Will. And you've got my phone number, and if you need anything, you can reach out to me as well. We're going to go ahead and go off the record now. (Whereupon, the interview was concluded.)

CERTIFICATE

This is to certify that the attached proceeding before the

NATIONAL TRANSPORTATION SAFETY BOARD

IN THE MATTER OF: CALTRAIN COLLISION WITH

CONSTRUCTION EQUIPMENT NEAR SAN FRANCISCO, CALIFORNIA

ON MARCH 10, 2022

Interview of William Bryan

ACCIDENT NO.: RRD22LR007

PLACE: San Bruno, California

DATE: March 12, 2022

was held according to the record, and that this is the original, complete, true and accurate transcript which has been transcribed to the best of my skill and ability.

Karen M. Galvez Transcriber