

Electric Vehicle Infrastructure Deployment Plan  
Public Comment Webinar  
July 6, 2022  
Transcript

0:04

Hi! Good morning and thank you for joining us for the Infrastructure Deployment Plan Public Comment Webinar. We're very excited to release this document for your comment and feedback.

0:17

We're going to give a couple more seconds for people to join on, and I see a lot of folks coming in.

0:26

So anytime you have any questions, comments, please feel free to put that in the chat. We do have folks monitoring that and answering the question there.

0:39

We'll go ahead and get started because there is some information that we'll be going over about the Navy Program.

0:48

And just to make sure we're all on the Same Plate page with our Acronyms, the natty program stands for the National Electric Vehicle Infrastructure Deployment Program.

1:04

Next slide, please, Alan.

1:09

So, our Deployment Plan, and what is that, when we started working at the NEVI. program, and where we wanted to be at the end of it in five years, when the program is complete, we were looking at a fully built out network of EV charging stations.

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So, for us, that meant Florida's Interstates and the State Highway System.

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We're also looking to be in the rural and disadvantaged communities where the market has been traditionally put EV infrastructure, because there isn't a good Roy. And we also want the market to be self-supportive, because like many State ..., who are receiving NEVI funds, we don't want to be in the business of EV infrastructure. We think that the market is doing a good job for that.

2:05

But, at the end of this, we see the market as being self-supportive.

2:11

So, when we were looking at our NEVI deployment plan, we see that says, how do we get to those goals and over the next five years? And I want to be very specific about what you're not going to find in this plan. We do not have a list of site locations, and there are definitely reasons for that. First. We want innovative applications from our stakeholders. We think that you have a wonderful understanding of where to put infrastructure in the state and some really great ideas that we want to hear from you also. In the next five years, we expect additional DC fast charging infrastructure along Florida's corridors.

2:59

We understand that the NEVI funding isn't the only charging funding infrastructure, and so, we are encouraging our local partners to go out and apply for funding, as well as our private industry.

3:18

Next slide.

3:29

So, the National EV Infrastructure Program is one of the many programs being funded under the Bipartisan Infrastructure Law.

3:40

States are receiving \$5 billion over the next five years. Florida share that as \$198 million.

3:49

This first year, we expect to receive \$29 million.

3:54

But before we can receive those funds, we need to put together the Deployment Plan and submit it to the Joint Office that consists of the US. Department of Transportation, as well as the US Department of Energy.

4:11

Another program from the Florida Highway Administration Program providing EV funding is Corridor Charging Program. This is a competitive program.

4:23

There is \$1.25 billion for funding for MPOs local governments and Tribes, Like the NEVI program, this discretionary grant program, infrastructure must be on the Alternative Fuel Corridor.

4:45

And so let's talk about Alternative Fuel Corridors in Florida and what that means.

4:50

Next slide, please.

4:55

So, here is a map.

4:59

We submitted for our Round six, for the alternative fuel corridors nomination.

5:07

There's a lot going on in this map, I know. And for that, we won't apologize because this does a lot for Florida. So, you can see on here that we have existing and ready as well as some pending.

5:26

So, going into the round six, Florida was in great shape. We had pretty much all our interstates as either ready or pending.

5:35

And as far as receiving funding, there really isn't a distinction between ready or pending. You just need to be on the corridor to be able to receive funding from NEVI or discretionary funding.

5:53

So we're, like, I said, we are already in great shape.

5:56

But we wanted to take it to the next level, because, once again, we're not seeing the program from year to year, but, rather what does that look like at full build out, And how are we going to work with our partners, our local partners to build this out, our, our stakeholders, our utilities, who also need a plan for grid health and grid management.

6:23

So we actually added over 4000 miles to the network which is a 58% increase. Very aggressive. You won't see this in other states, but we see this is very important for the long-term success of building a full EV network in this state.

6:42

So, I need to add that our application is still under review. We haven't received full approval from the Joint Office, but we have had conversations, and they have been very positive conversations.

6:57

Next slide.

7:04

So, before we get into some of the details of what you're going to find in our deployment plan, I wanted to give you some information on how to comment.

7:18

And there are multiple ways to comment. First of all, please feel free to add any comments in our chat box during this webinar.

7:29

We also have a comment form on our website, or you can e-mail us, or, if you would like, you can also reach out to me, and I'm happy to discuss the plan with you.

7:44

So, once again, why is the plan important? Well, we have to submit it to access our funds.

7:50

So, that is, you know, very important. But also, equally important, as these funds lay out a Framework on how we're going to use the funds over the next five years, which includes the very important things, like how we're going to address rural and underserved areas.

8:13

And we have a lot of great strategies for that.

8:20

So one of the things that we're really lucky here in the State of Florida, to have a great transportation plan that serves as an overarching guide to our transportation future, which is called the Florida Transportation Plan, or the FTP.

8:37

So, our deployment plan supports all seven goals of the FTP, as well as ... to increase safety, mobility, provide accessibility, enhance Florida's communities, and environment, as well as build resilient transportation systems.

8:58

So, there's just a couple of these seven goals that I want to highlight, and what exactly, the plan is doing, too, support these seven goals.

9:11

So, transportation solutions that enhance the environment. So obviously, they increase use of electric vehicles that can lower greenhouse gas emissions.

9:22

And we're supporting that by increasing charging stations that will support adoption. We're also going to be using our energy sources more efficiently.

9:37

Next up, we have connected, efficient, reliable mobility for people in freight.

9:43

one of the neat things that we're doing is expanding access to charging stations.

9:49

We're providing more travel choices for Floridians and we're connecting our urban and rural areas.

9:59

And, finally, we're providing transportation choices that improve accessibility and equity.

10:08

We're making sure that economic benefits go to traditionally underserved communities and socio economic groups that have been, that haven't gotten some of the resources that they need. We're focusing on rural areas, Urban Core areas, and other areas with accessibility gaps.

10:37

So, the goal for this plan, we use the goals of the EV Master Plan as a basis, they were updated to fit the goals, the NEVI, but they are really solid foundation for what we're doing here. And support meeting our targets of 100% build out of an EV charging network.

11:02

And we're looking to have a network that's convenient, reliable, equitable, and accessible.

11:08

And a couple of the goals that I want to point out that I think, we're all that means something to us. As Floridians are supporting an emergency evacuation.

11:21

I think, as we move forward and that adoption curve goes up, we will see more EVs on the road, this is something that Florida can really be a leader in, and other states will look to us.

11:36

And that goes to the upper right-hand corner there, as positioning Florida, as a national leader in EV infrastructure implementation.

11:45

A theme that you're going to find over and over again, in our Deployment plan, Florida is a leader, but we need to continue that trajectory.

11:55

So, right now, Florida is second in the Nation for EV adoption. We're also a second in the Nation for EV fast charging infrastructure. So, this is something that will take all of us working together to make sure that we continue this pattern, And I think it's something we all want, and we can all do together.

12:21

For our partner and public outreach, we've been very lucky to have such a group of involved and educated stakeholders in the process.

12:34

We've also developed a partner and public engagement plan to help us facilitate public outreach moving forward.

12:44

August first is not their deadline, just the starting date.

12:50

So, but with that said, up until this point, we've had over 28 team meetings and webinars, including two statewide meetings, with over 125 attendees from agencies, private industry, community advocacy groups, and the public.

13:12

We've also had eight regional listening sessions around the state, and we've had 26 one-on-one meetings with partners from, you know, the groups that I've mentioned before, and now we're kicking off our public comment period. That will end on July 18th.

13:31

So, we, we really encourage you to comment on that. I've already gotten a couple good comments, and I look forward to many more.

13:41

So, our strategies for the deployment plan, they really fall into three buckets, if you will, The planning, installation, and operation, and emergency preparedness, And so, we'll dig into each one of these, um, and talk about those a little bit more in depth.

14:05

So, first set the planning strategy or talking.

14:11

The first action is to collect and analyze data to make future decisions. And when I'm talking about, you know, the data and analyzing it, I'm talking about market trends and conditions. I think this is a good time to go ahead and talk about FHWA's Notice of Proposed Rulemaking, and if, Alan, if you can drop it in the notes.

14:40

That would be great.

14:45

Because some of the data that we'll be using, there are proposed requirements for that data, and I understand that our stakeholders do have some comments about that.

14:58

And we encourage you to comment and reach out to the Federal government, so that we have the right data moving forward.

15:07

And, I think this is an opportunity that we all can, you know, weigh in on, and so making sure we have the best information.

15:25

Excuse me.

15:30

So, next step, is collaborate with partners, collaborate, and coordinate our word that you're going to hear over and over again. We see this as something that's truly important moving forward.

15:50

We see implementing EV infrastructure as a team sport where we need all participants ready in this state.

15:59

So, in the deployment plan, you will see us discuss investments that have been made by our stakeholders in the private industry, the roles, our stakeholders play, because these are all valuable things and things that we need moving forward.

16:18

Next step: are the procurement, development, Now, this is slightly different than what we're going to talk about in the next strategies for the actual procurement. This is getting ready for the procurement, so we expect to rely heavily on our private sector partners to implement the plan. And, in order to do that, we need to have strategies that are sensitive to industry capabilities, as well as, satisfying state and federal requirements. So, there needs to be a lot of listening and understanding going on there.

16:57

To that end, We have just completed an RFI. We had 29 responses with a lot of information that we appreciate, and thank everyone who responded to that RFI. That's really helped us in one form of good procurement process.

17:25

And finally, we have monitoring potential risks so that we can manage the delays and have an efficient deployment.

17:38

I know, you know, we can, you know, talk about all the, you know, possible breadth with a program like this, there are so many, especially when you're dealing with an emerging technologies such as EV charging, that there are many unknowns during implementation. I think, you know, one of the things that we think about is, in five years, what's the technology going to look like? How are we going to do that to make sure that we have a successful program at the end of five years?

18:09

We're also thinking about material shortages, workforce needs, contracting issues. We know we haven't even got to buy America yet, and so these are, you know, the many reasons that we need to have good working relationships with our stakeholders, with the folks we are going to be

contracting with to make sure that we can effectively and efficiently manage this program and have the desired outcome that we need.

18:41

Moving on to installation and operations. Once again, we're talking about coordinating with stakeholders.

18:49

This time, we're talking about coordinating to make sure that, we're identifying the needs, considerations, gaps, and then that work, ensuring and ensuring that stations are future approved.

19:04

You know, these are things that we heard from our stakeholders talking about: equipment, location, and grid health.

19:15

Next up on our operation and maintenance, what we're trying to get here is strategies, so that the end user has the best experience.

19:27

Well, you know, we're also looking at things like quality over quantity.

19:33

So, we're thinking about establishing performance, targets, and requirements.

19:40

In the guidance, there's 97, but we've been talking about having higher numbers.

19:48

Because if the equipment is not working, is a terrible experience.

20:02

We also want to incorporate innovative methods for performance reporting, that's talking about using real time data, asset management, and looking at OEM requirements for vendors, and finally, we're looking at a competitive procurement process that supports the implementation of our plan goals. This is something that we've heard over and over again from our stakeholders, that they're looking for a competitive and transparent procurement.

20:37

one of the things that we're talking about to support this is having an industry forum that will get started, most likely, this fall. But that's one of the ways that we're we want to be transparent with our stakeholders, and folks who want to be involved in our procurement.

21:01

And we also want, in the procurement process, you know, innovation from our potential applicants. And we think this is a good way to do that, by providing as much information as we can up front.

21:19

Next slide.

21:23

OK, now this is one of my favorites, moving on to emergency and resilient strategies.

21:31

So, first up is mobile charging.

21:34

And I am going to go ahead and say this, for everyone on the federal government, who is on this webinar, that we fully understand that mobile charging is not an eligible activity at this point.

21:48

But we want to go ahead and put strategies, and so on, potentially, you'll change your mind.

21:54

Because we really see the value for mobile charging moving forward in this state, looking at, you know, first of all emergency evacuation.

22:09

We think that that will be critical in those times.

22:13

You know, we're doing some analysis now that I think will support the need for mobile charging, but also looking in times when we, we don't have Evacuation, but, you know, there are some areas that are, you know, up and coming.

22:30

and they might not need the charging, you know, now, but that mobile charging can help get them through, you know, time, the, no, it might not be, you know, right now that they need a fully built charging station, but it's coming, though. We can do count. We can, you know, it can help serve, you know, data, research, that sort of thing. But there are, I think, are many, you know, uses for mobile charging, especially in a state like Florida.

23:03

And next step. Redundancy and resiliency. I think as we move forward, this is terribly important to talk about building a network that is available and accessible.

23:20

So we have strategies that, you know, look at incorporating storm hardening, flood proofing, adding solar power for increased grid capacity and battery storage.

23:37

I think, you know, the battery storage is going to be one of the things that, you know, we look at because it does do so much for the resiliency and redundancy in terms of emergency evacuations and health. But also help smoothing out some of that demand curve. There's a lot that we can do for our state, for an emergency in Brazil resiliency strategies. But that also helps put Florida as a leader for other states when considering the strategy.

24:14

So, let me pause there. Before I go any further, I want to check the questions in the chat to see what's going on, and if I can answer any questions.

24:34

Alan, do I have any questions?

24:44

So, people asked, is the RFP National partners?

24:55



So, that would be the RFP.

24:58

Would it be the RFP for the ... program?

25:05

Or the EV Consultant?

25:11

We can we do have something that we're releasing now for.

25:19

Some consultant work that we can, we can drop in the chat, I can see Raj, And if you can, drop some information in there for folks.

25:38

Question about what is inside those little chargers, one more time Dana.

25:47

What is meant by mobile charging?

25:50

Oh, mobile charging? I would consider mobile charging anything that is not installed in the ground.

25:58

So, I would like to see, as we'll look at a couple of things for mobile charging.

26:06

So it could be, think of high powered means on a big truck that you could know actual chargers that could be used in an emergency evacuation Or something smaller that our FDOT road rangers could do. a very small charge just to get, you know, an EV that, you know, has run out of charge on an Interstate just to the next, you know, available exit.

26:39

So they can, you know, get a full charge there.

26:43

So, these come in a range of sizes for means, but I think, you know, there are good cases for all of them, and can make sense for Florida.

27:04

Let me bring, you, have a question for the purpose of the document. If asked specifically, this document doesn't layout, any specific guidelines for deployments are, really is a guidance document.

27:22

survey guidelines for deployment.

27:27

Great, so, the purpose of the document is really the, kind of, the framework of guiding us over the next five years. one of the things that we didn't want to do, was have anything that was too rigid, that could ended up end up handicapping us over the next five years. We wanted some flexibility in our planning.

27:53

Coming up here.

27:55

We see, you know, that the procurement and what we're doing in the procurement will help, you know, guide some of those decision making as far as what we're doing in that appointment.

28:11

But I think when you're doing something, and you want some innovation, there's, if you get too prescriptive in that planning document, you can do more hindering than good.

28:27

And we do have the opportunity to do some really neat stuff here, and I think that's where, you know, we need to all come together, stakeholders, government, local governments, utilities, too, to make that happen?

28:47

Can you provide more details on the critical evacuation areas covered by the resiliency requirements?

28:54

Process, for you to identify them?

28:59

So, we do have, and have been working for, you know, the department has four, working with R.

29:10

Emergency management FDEM. So, and we have good data on how people evacuate and their travel patterns for that.

29:22

We're running some of that data now, with new data on EV adoptions by county so we'll have a very good understanding of who's Who and how are evacuating and where we need specific infrastructure?

29:55

So, I think together with all those scenarios, will, we will have a very good understanding.

30:03

But still, in the short term, I think that's where the mobile charging will come in. But, you know, once again, we're looking at.

30:16

The adoption rates. I, I see it. It's probably not going to be until like, you know, definitely several years out that this is a major issue.

30:25

But, you know, once again, we want to be prepared for any issue. And I think good planning does that, and that's what we're doing right now.

30:39

You clarify, is this just for interested surfer and the reds, as well?

30:46

So, um, we are directed by the federal government to start with our inter-state.

30:55

So, we need to build out our interstates that are on the outfield corridor before moving off to state road.

31:05

And so, if you and we have these maps online, and you can see where our infrastructure is, but we will be starting with our interstates and then moving to State Roads. But, this is a point where I would like to clarify that our local governments can go ahead and start putting infrastructure when Once the discretionary funding is released, that they can go ahead and start putting infrastructure on state roads where it makes sense for them.

31:46

Question about the Sunday. The Commission says, You're a student for any funding from charging stations until Year two, as well, as, due to carry over funds from Year one paper charging stations in years two, through five, or really, are, one funding be used only.

32:10

Um, no. I think, you know.

32:15

We are, and have been very aggressive with our funding. And one of the strategies, though, you know, we've talked about, is getting as much infrastructure out in place, early on as possible.

32:32

This would allow us to do a couple of things.

32:37

We are in the process of talking and figuring out what the best way to use the funding and the most meaningful way, but, and we see, you know, maintenance is going to be key to that.

32:50

But if, if we can get infrastructure out as soon as possible, That's going to be best for Florida. And you know, the state as a whole, but now we, we are in the works of, you know, talking through, strategizing though.

33:10

We see, you know, year one, let's start talking infrastructure and getting infrastructure out, but with that said, understanding that, you know, procurement takes time that we've gotta get our plans and August one, which we plan to do, and then, those have to be approved, but we would plan to start a procurement this Fall.

33:45

Do you think the procurement process?

33:50

So, once again, we expect the procurement process to begin this Fall. It would start with an industry forum, once again, that'll be a competitive procurement process.

34:02

How that, you know, is going to, I don't have the answers on how that's going to look.

34:07

We're still researching and making sure that, you know, we get the best thing out there for Florida and our stakeholders.

34:14

We got a lot of good information from our RFI that were filled synthesizing, but we're going through that and we'll make the best decision possible.

34:28

But our intent is this fall.

34:33

Thank you.

34:35

What about duty and other State transportation facilities?

34:49

Transit stations were included in this room.

34:54

Yes, those are all included in the scope and I think there's a place for them.

35:00

That makes a lot of sense. So, you know, at ..., we want to put our best foot forward. Our you know, what are our best locations. That makes sense.

35:10

I think that there's going to be definitely a mix of, you know, private locations and, you know, maybe some state owned and how we go forward and move with that. But it's definitely, it's going to be an all of the above approach, and we don't want to take anything off the table.

35:34

We want to make sure that we're using all of our resources to have the infrastructure that makes sense for the state.

35:48

What about solar and batteries for fixed charging stations?

35:53

Is an eligible for funding, it is eligible for funding, and that is my, one of my favorite things to talk about. So, and, the guidance, you'll hear, if it's, you know, doesn't add extra expense, basically, through the project, but, we think it adds a lot of value because you can, you know, get a lot of value from adding battery storage and solar to your projects.

36:26

You know, looking at, you know, some of our areas in Florida, and thinking about, you know, a transmission line that may be Doesn't have the capacity to support. You know, that many fast chargers. If you're putting other equipment like that in and not having to, you know, put a new transformer and then, Yes, I think, you know, that makes a lot of sense.

36:54

You're also going to be able to smooth out those demand charges, and, you know, that's something that, you know, we want to make sure that, you know, we have good.

37:06

When I say, you know, going back to experiences for the end user, you know, not having those high demand charges, I think that's something that's very important to consider, and that's something that you can, you know, definitely solve with the battery storage.

37:23

So, there's a lot of ways to look at our issues and solve those issues with some extra equipment and that could also be like that, you know, in the supply chains, and then transformers are going to be taking a little bit longer to get in well, you know, look at the battery storage.

37:44

I think we need to be, you know, looking smart for smart answers and solutions to issues rather than, you know, more complicated ones.

37:58

What's being done to address the reliability of chargers in the ease of? I'm sorry. one more time?

38:07

What is being done to address the reliability of chargers in the ease of pay? Payments?

38:18

Payment. So, that's one of the things. And there's a great question about that.

38:24

And FHWA's role.

38:26

And I think that, um, and SWT, FDIC is going to be responding to that.

38:34

And that's one of the questions I would like to get a little bit more information for some of our stakeholders, to make sure that we're looking at and making sure that all those payment devices are equitable and can be used, you know, from all all groups of people.

38:57

And where they come from, that.

39:01

We will, when we were go out, for bid, or will be looking to make sure that all the equipment is reliable have have appropriate uptime.

39:14

I think that's something that's important to us, is that it's usable and Has Appropriate time.

39:25

You mentioned the uce told development credits for the 20% match, and you please elaborate.

39:34

Yes, so, um, Florida is, um, and a great position for, for match. We're very lucky when it comes to other states that we are eligible to, to use our told credit for our match, That's something that you will see us talk about in the plan.

39:56

We do leave ourselves a little wiggle room talking about it that we may no use match from our applicants and score that as a way to give points, but, you know, it is we have ability to use toll

credits for this program, so that's something that, you know, we are exploring or using, you know, the match from our applicants.

40:32

one of the interesting things that we heard from our RFI is that, you know, our applicants need to have skin in the game.

40:41

So these are all things that we're weighing out to make sure that we get the right mix of match and program.

40:57

Yes. Oh, no, no, I'm just saying that. That's a strategy that we have available to us.

41:04

So, we're, we're lucky, in terms of other states, that, that's up for discussion. Questions and comments? I'm sorry, I'm picking and choosing, if you have 15 minutes, two, or three more, if that's OK.

41:23

So, the Navy, either from the Navy Funds or from the State funds, be made available to utilities for their infrastructure upgrades in the term of substations or transformers Are that? Right.

41:40

So, that's a good question.

41:41

and one of the things that I would like to look at it, you know, looking at other equipment, and, like I mentioned earlier on, No, first focusing on areas where the utilities are overbuilt. Right.

41:56

Um, and if we can go in those areas first because we want to know, we want to move quickly for this program. And if you're talking about like a substation, which can take a lot of time and a lot of money, I don't think that is going to be the most value to the state of Florida. And, other, you know, areas where you're talking about a transformer which is a much lower cost, you can still have a pretty, you know, sufficiently time on those. I would like to direct the applicant to looking at battery storage because, once again, it all comes back to value for the state of Florida and the program, my, you know, what are, what is being used or getting, you know, out of it.

42:46

And I think if you're, you know, looking at something like a transformer, or, you know, battery storage which, you know, it can be designed to, you know, essentially do, you know, similar things there, if we can get the battery storage.

43:02

But then, the end user and the site host is also mitigating demand charges. That's where I am.

43:11

More interested in going.

43:15

But I'm also interested to hear if I've got that wrong, you know, tell me, can fight. That's where the innovation comes in and we want to hear from you.

43:26

Right.

43:28

Lots of questions about canopies. Canopy shave, shave. Shave, her consideration.

43:38

Yes, absolutely. And this goes back to, and I think that's a great question.

43:44

This goes back to where we want to be, and have a discussion, about quality, versus quantity.

43:52

And I think this is something to have, and have been that. Yes, that makes a big difference. Right. Like when you go to the gas station, and you're pumping gas for, you, know, just a couple of minutes. You still have that shade structure, which, you know, protect you from the hot Florida sun as well as rain, or when you're charging. You're there for a much longer time.

44:25

Canopies are solar ... also something for consideration.

44:32

Yes.

44:37

All right. Can you tell us a little bit about how we might work with Tesla?

44:46

So, um, Tesla, I can say, is a stake holder on this, and I think it's going to be a couple of ways if neither Tesla decides to open up their network, but also think about, I don't want to speak for Tesla and any form or function, or any way, though.

45:11

But I do want to point out, and this is, look at, you know, where you see a group of Tesla chargers. You usually see another bank of another. No company. And their third chargers. So.

45:30

I think there's opportunities there, and how that works out.

45:35

Once again, I'm sure it says, ... and not Tesla, so I don't want to speak for them.

45:43

Quite a few questions about the RFI responses. Are those publicly available?

45:51

And to help you with this, I reached out to Raj. You got an answer on that, and the quick answer is they can be publicly available, as long as the respondent did not indicate there was confidential information included in their response. So, we should probably talk them out.

46:13

We might share that, and also the presentation today. And any other information, how are we going to follow on from this webinar Q&A from the webinar examples as well.

46:29

So, what I can do immediately after this is send the presentation to our stakeholder group.

46:36

As far as the responses, I know that that posting them is usually not something in the practice of our procurement office, but we can definitely follow up with them in, see what is available.

46:53

Because we live and work in the beautiful sunshine state and that, you know, it extends beyond our sunshine to our sunshine laws.

47:04

So, um, you know, we're definitely happy to share anything that we do, and there'll be, as far as the question and answers, I think we can export these And send those out to our stakeholder list as well, I don't know, see an issue with that?

47:37

You have answered yes to type some questions. There are some there are some great comments.

47:46

We will take those into consideration.

47:50

Fantastic. So let me, I have just a couple more things to say. So thank you Alan for prompting me there. So, the public comment evaluation period, Once again, that ends on July 18th. So please make sure you have your comments into it by then remember there are multiple ways to get those comments. Put forward to the next slide and I'll go over that very quickly.

48:20

So, the chat box was one, there is a link to a form on our website, as well as you can e-mail us, or feel free to pick up the phone and call me. I'm always happy to discuss.

48:37

And see, once again, that's a reminder that our plan is due August first, so we are onset to get that submitted. And then, finally, next slide.

48:54

Just a little reminder to stay safe out there. Keep your hands on your wheel.

49:01

There's a lot in this world to be thankful for and to pay attention for. With that, my contact information is on there. It's also on every e-mail that I send out to our stakeholder groups, so I am happy to answer questions or provide more information. So thank you, all for participating in this webinar, are asking questions and providing information. We greatly appreciate that, and we appreciate you being our stakeholders.

49:34

Thank you, and have a good day.