

SSP Idea Sharing Network Session 26: Working with Electric Vehicles Webinar ChatBox

00:35:26 John Sullivan: Hello Everyone, I'm proud to be here from TDOT HELP Nashville TN.

00:35:53 Charles Yorks: Hey John Sullivan! Who is minding I-24?

00:36:22 John Sullivan: It's in good hands I trust!

00:36:45 Cynthia James: Good Morning from TMC E-470

00:36:52 Charles Yorks: Chuck Yorks, Gannett Fleming, big Leiss and Moore fan. Good to see so many friends and heroes here

00:42:37 Joseph Tebo: Greetings,
Joe Tebo Federal Highway Administration - Traffic Incident Management Team

00:47:52 Bruce Berger: Spell Nozzle designed by Emergency Service Equipment

00:48:03 Stephen Gonneville/Interstate Towing: installed concrete bunkers to place e/v into until they are deenergized

00:52:22 Molly McDermott: rmoore@fastmail.us

00:57:14 Molly McDermott: If anyone has any questions that come up for Ron as he is speaking, feel free to add them here

01:00:49 Todd Leiss: I rode in a Waymo, interesting ride.

01:07:30 Molly McDermott: https://www.safefhighways.org/wp-content/uploads/2023/03/Model_3_Emergency_Response_Guide_en.pdf

01:07:39 Molly McDermott: https://www.safefhighways.org/wp-content/uploads/2023/03/Model_3_Emergency_Response_Sheet_en-1.pdf

01:19:06 Andrew Ventura Pa Turnpike: no tailpipes

01:28:04 Joseph Tebo: Lordstown Motor Company has "In wheel Motors."

01:31:17 Jeff Gregory SCDOT SHEP: a rubber tire Go jack would be great

01:31:36 John M. Sullivan: Yes Sir it would.

01:36:34 Brian Purvis from Georgia: Hard to tell if they have 2 wheel or all wheel drives

01:39:54 Molly McDermott: <https://www.nts.gov/safety/safety-studies/Documents/SR2001.pdf>

01:46:46 Paul Marone: We had to turn over a tesla 3 in order to get it completely extinguished the battery continued to off gas until we turned it over Someone recommended submerging it in salt water - ??

01:47:42 Rita Gallagher: Tremendous amount of great information!

01:49:04 Lee Perry: What are the issues with EPA on haz mat caused by the vehicle fire and fire suppression efforts

01:49:16 John Cooper TDOT HELP SSP - Chattanooga: So many new and different EV models will be coming out - need a lot of data to keep up with all the new models - new model years may also change how to handle

01:51:02 Brian Purvis from Georgia: Shoving a metal pole into a battery box... sounds like a "hey ya'll... watch this" type of a moment.

01:51:47 Bruce Berger: The nozzle we are purchasing attaches to a fire hose and slides under the vehicle, does not puncture the under belly but it eliminates having to need a fire fighter at the nozzle at all times

01:52:44 John M. Sullivan: Replying to "The nozzle we are pu..."

I guess a cellar nozzle would work as well then

01:52:46 Joseph Tebo: Buses, transit, commuter etc., have their battery on the roof...

01:53:46 Michael Baessler, TMC E-470 - Aurora, CO: Thank you for this. I've learned SO MUCH!

01:54:21 Molly McDermott: Thanks Michael! We may have a round 2 of this topic in the future as more information becomes available

01:54:46 John M. Sullivan: Thank you for joining and for helping get this topic out by letting us know what you all want to discuss on these webinars!

01:55:54 Joseph Tebo: AND these battery pans don't just drop from the sky into the manufacturing plants. They come via trucks, trains and ships. A 53 ft trailer loaded with pans on fire is a growing risk.

01:56:23 Mary Kate Applegate: A good summary of a recent Wakefield, MA I-95 EV fire. 2.5 hours of firefighting, the guardrail pieced the undercarriage, causing the lithium-ion batteries to go into a thermal runaway. <https://jgpr.net/2023/01/20/wakefield-fire-department-responds-to-crash-electric-vehicle-fire-on-route-128/>

01:56:50 Molly McDermott: Energysecurityagency.com

01:57:00 Molly McDermott: 1-855-372-7233

01:57:37 Molly McDermott: We will send this out to our mailing list and today's attendees in a document as well, in addition to other resources

01:57:52 John M. Sullivan: Thank You so much Molly!

01:58:08 Joseph Tebo: DOTs remember that as this fire burns on the roadway, sometimes for hours, damage to the road surface may prevent the use of that portion of lane or roadway until repairs are made.

02:00:01 Donald Sorel jr: Good presentation, thank you everyone. Don Sorel, ESP1 - MassDOT

02:00:45 Mike King: Great information all!

02:00:58 Stephen Gonneville/Interstate Towing: Excellent information!! Thank you!!

02:01:34 Brian Purvis from Georgia: Are there any inherent dangers to push pull drag for EV over standard ICE vehicles to consider?

02:01:38 Michael Baessler, TMC E-470 - Aurora, CO: Does the skateboard result in less rollovers of EVs?

02:01:47 MNDOT John McClellan: It sounds like key takeaways are Go Jacks, OK to pull/drag but at very low speeds & short distance. And that if there is a fire or significant damage it will be a big deal.

02:02:04 John M. Sullivan: Good question Brian...

02:03:14 John M. Sullivan: definitely correct on the key takeaways John Mc

02:03:26 John Cooper TDOT HELP SSP - Chattanooga: How about Hybrids - different way to handle? Batteries?

02:04:10 David McDonald: Replying to "Are there any inhe..."

Great question and I hope they answer. We have been told it could do extreme damage

02:04:52 Michael Washburn: Time on shoulder....

02:09:40 MNDOT John McClellan: A EV fire in a tunnel, under a bridge carrying gas utilities, or low height bridge? Off gas explosion? Priority to drag it out while incipient?

02:12:29 Michael Baessler, TMC E-470 - Aurora, CO: That's what I thought! Thanks Ron!

02:13:14 Brian Purvis from Georgia: I'm more concerned with acceleration and speed potential of EVs causing more severe impacts and vehicle damage than rollovers.

02:13:57 John M. Sullivan: Yes Brian the acceleration is MUCH greater as is the Speeds...

02:14:25 Brian Purvis from Georgia: Higher speed + Higher Weights is going to make crashes much worse.

02:15:15 Michael Baessler, TMC E-470 - Aurora, CO: That's a good point.

02:16:04 Paul Marone: thanx for all the great info here

02:20:22 Mike King: <https://www.actionnewsjax.com/news/local/fhp-car-falls-over-side-buckman-bridge-traffic-delays-unavoidable/RQ75G423BVBE5O3NCGCNVAFGG4/>

02:20:35 Mike King: tragic crash in FL

02:20:51 Lisa Cummings: Great information and very informative. Thank you Safe Highways.

02:21:09 Lee Perry: Thanks for the info

02:21:35 MNDOT John McClellan: Fantastic! Thank you so much! Very good info!

02:21:36 John M. Sullivan: Thank you everyone for joining in!

02:21:39 Tim Carey Iowa DOT: Very good information. Thank you

02:23:12 Todd Leiss: Thank you to Ron, Dalan, John and Molly and the Travelers Marketing/Safehighways team for a great session

02:23:17 Jack Sullivan: Lots of good info. Good job everyone! Thanks!

02:23:24 MNDOT John McClellan: A happy note from MN, 30th anniversary of our program. last week.

02:23:45 Joseph Tebo: Jim Austrich and I will be presenting EV info to the TRAA next week in DC.

02:24:04 Brian Purvis from Georgia: Great job hosting Molly!

02:24:10 Michael Baessler, TMC E-470 - Aurora, CO: Thanks again!

02:24:15 Joseph Tebo: Great job ! Thanks everyone!

02:24:21 Cynthia James: Thank you great great information.

02:24:23 Brian Purvis from Georgia: John, good on running the show also.

02:24:33 Craig Watkins: Thank you! Great information!

02:24:42 Brian O'Cain: Thanks for a great presentation!

02:24:55 Jeffrey Abel: Great information!! Second session on EV is welcomed. Thank you!

02:25:08 Chad Hendon: Thanks 😊

02:25:09 Dan Cotter/TDOT HELP Nashville: Great information, thanks all!!