



**California Traffic Control Devices Committee
Agenda Item Report**



Meeting Date: November 03, 2022	From: Troy Bucko HQ Division of Safety Programs, Caltrans
Item Number: 19-05	
Sponsored By: Yue Wang, PE, Caltrans	Presented By: Gurinderpal (Johnny) Bhullar, PE, TE, Secretary, CTCDC
Description: Request for Closure of Experiment Bidirectional Pavement Marking for Wrong Way Drivers.	

Recommendation:

Motion by committee to approve closure of this experiment based on email by Troy Bucko dated October 18, 2022, requesting closure of experiment.

Agency Making Request/Sponsor:

Caltrans / Yue Wang, Caltrans, CTCDC Member

Background:

Caltrans District 11 requested approval from CTCDC to experiment with red pavement markings visible to wrong-way drivers. CTCDC provided approval in CTCDC's January 31, 2019, meeting.

The LaneAlert2X was approved as a pilot project to experiment with the product material in District 11. The material was originally installed in ten locations, and the red material used to display the wrong way arrows and messages failed after installation. The manufacturer of the product began working to improve the product. Due to COVID related delays, efforts to improve the product were delayed. The product manufacturer eventually redesigned the product and thought that the material problem had been corrected, so District 11 proceeded to install the material in the remaining locations. After the newly designed product was installed, additional product failures were identified. On June 7, 2022, the manufacturer pulled the material from all remaining pilot projects in District 11 and District 3.

Caltrans is requesting closure of the approved pilot and experimentation of the LaneAlert2X since it is not proceeding with the experiment and has cancelled all projects that included these experimental pavement markings.

Attachments:

Attachment – Caltrans District 11 email dated October 18, 2022.



ATTACHMENT

Attachment – Caltrans District 11 email dated October 18, 2022.

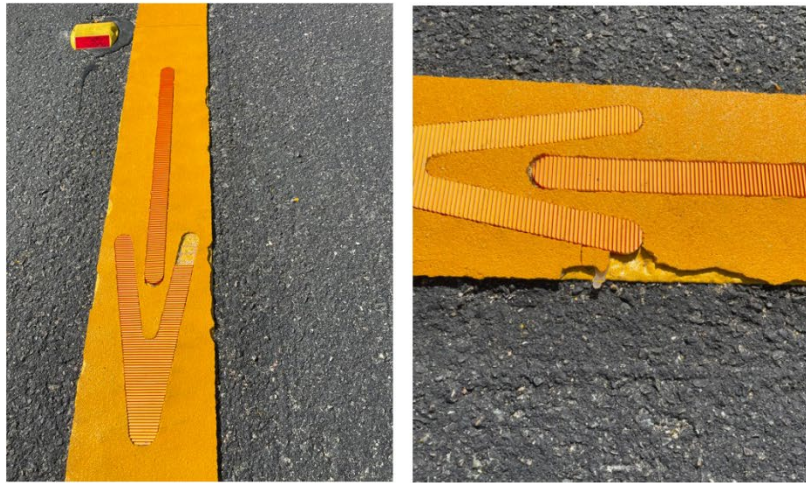
From: [Bucko, Troy R@DOT](mailto:Bucko_Troy_R@DOT)
To: [Bhullar, Gurinderpal S@DOT](mailto:Bhullar_Gurinderpal_S@DOT)
Cc: [Shajkh, Ejaz@DOT](mailto:Shajkh_Ejaz@DOT); [Mnew, Robert D@DOT](mailto:Mnew_Robert_D@DOT); [Halog, Janelle@DOT](mailto:Halog_Janelle@DOT)
Subject: REQUEST FOR CLOSURE OF LANEALERT2X PILOT AND EXPERIMENTATION PROJECTS
Date: Tuesday, October 18, 2022 5:11:48 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[image005.png](#)
[image006.png](#)

CTCDC Secretary

The LaneAlert2X was approved as a pilot project to experiment with the product material by both the CTCDC and FHWA equivalent committee. District 11 originally installed 10 locations, and had failure of the red material used to display the wrong way arrows and messages after installation. The manufacturer of the product began working to improve the product. COVID delayed the work of the manufacturer to improve the product. After over a year delay, the product manufacturer thought they had corrected the material problem, and District 11 began proceeding with the remaining installations.

Shortly after the product was installed with the new design, additional marking failure began to occur with the product. The manufacturer was brought in to resolve the failure issues. On June 7, 2022 the product manufacturer decided to pull the material from all remaining pilot projects in District 11 and District 3. This suspension of product availability essentially stopped any remaining planned work and cancelled the projects.





At this time, the Department has decided to move in a different direction and permanently suspend use of the LaneAlert2X.

Caltrans is requesting closure of the approved pilot and experimentation of the LaneAlert2X since we are not proceeding with the experiment and have cancelled all projects that included these experimental pavement markings.

Thanks

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It doesn't make sense to hire smart people and then tell them what to do; we hire smart people so they can tell us what to do" Steve Jobs

