

POST-ROADSHOW QUESTIONNAIRE

Thank you for agreeing to complete this questionnaire. This study is funded by the US Department of Transportation. Each questionnaire will take approximately 10 minutes to complete. Data collected from this questionnaire will be posted to the public VTTI Dataverse website for other researchers to access.

By submitting the questionnaire, you are agreeing to participate in this research study to collect opinions regarding ADS technologies from members of the trucking industry. Personal information that may identify you will not be collected at any time. You may answer any of the questions with the option 'I prefer not to answer this question' if you do not feel comfortable answering. You may choose not to submit the questionnaire if you change your mind about participating. If you have any questions, please see a member of the VTTI research team.

PARTICIPANT ID#

- (1) Please enter the first two letters of your name (e.g., Jeff would be JE) _____
- (2) Please enter the first two letters of your last name (e.g., Smith would be SM) _____
- (3) Day you were born as two digits (e.g., 6 would be 06) _____

PART 1: ADS ACCEPTANCE

Please answer the following nine questions, which will assess your acceptance of automated driving systems (ADS). Answer each question as a judgement of ADS by placing a mark in the box for each question. The more you believe the judgment, the closer you place a mark to that term. A mark in the middle of the judgment reflects you do not have an opinion on either judgement (i.e., neutral).

- (1) Useful ☐ ☐ ☐ ☐ ☐ Useless
☐ I prefer not to answer this question
- (2) Pleasant ☐ ☐ ☐ ☐ ☐ Unpleasant
☐ I prefer not to answer this question
- (3) Bad ☐ ☐ ☐ ☐ ☐ Good
☐ I prefer not to answer this question
- (4) Nice ☐ ☐ ☐ ☐ ☐ Annoying
☐ I prefer not to answer this question
- (5) Effective ☐ ☐ ☐ ☐ ☐ Superfluous
☐ I prefer not to answer this question

- (6) Irritating ☐ ☐ ☐ ☐ ☐ Likeable
☐ I prefer not to answer this question
- (7) Assisting ☐ ☐ ☐ ☐ ☐ Worthless
☐ I prefer not to answer this question
- (8) Undesirable ☐ ☐ ☐ ☐ ☐ Desirable
☐ I prefer not to answer this question
- (9) Raising Alertness ☐ ☐ ☐ ☐ ☐ Sleep Inducing
☐ I prefer not to answer this question
- (10) Unsafe ☐ ☐ ☐ ☐ ☐ Safe
☐ I prefer not to answer this question
- (11) Cost-effective ☐ ☐ ☐ ☐ ☐ Too Expensive
☐ I prefer not to answer this question
- (12) Too disruptive to operations ☐ ☐ ☐ ☐ ☐ Compatible with operations
☐ I prefer not to answer this question
- (13) Acceptable to drivers ☐ ☐ ☐ ☐ ☐ Unacceptable to drivers
☐ I prefer not to answer this question
- (14) Training would be difficult ☐ ☐ ☐ ☐ ☐ Training would be easy
☐ I prefer not to answer this question
- (15) Performs well ☐ ☐ ☐ ☐ ☐ Performs poorly
☐ I prefer not to answer this question

PART 2: ROADSHOW DEMONSTRATION

- (1) Please indicate which demonstrations you participated in today? (mark all that apply)
- a. [XXXXXX]
 - b. [XXXXXX]
 - c. [XXXXXX]
 - d. [XXXXXX]
 - e. [XXXXXX]
 - f. [XXXXXX]
- ☐ I prefer not to answer this question

(2) Of the demonstrations you participated in today, which do you believe are most ready for deployment today? (please rank from most ready to least ready)

☐ I prefer not to answer this question

(3) Of the demonstrations you participated in today, which are most likely to be commercial-viable entities in fleet operations? (please rank order from most likely to least likely)

☐ I prefer not to answer this question

(4) What potential ADS use cases would you like to see demonstrated in the next roadshow?

☐ Teleoperation

☐ Queuing Operation

☐ Intermodal Yard

☐ Exit-to-Exit

☐ Lane Keeping Assist

☐ Platooning

☐ Automated Trailer Parking

☐ Other (please specify) _____

☐ I prefer not to answer this question