

## PRE-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) \_\_\_\_\_
- (4) Have you completed this questionnaire today? Yes  No

### PART 1: DEMOGRAPHICS

- (1) Please indicate your age?
  - 18 to 24
  - 25 to 35
  - 36 to 45
  - 46 to 55
  - 55 to 65
  - <65
  - I prefer not to answer this question
- (2) Do you have a Commercial Drivers' License? (check one)
  - Yes
  - No
  - I prefer not to answer this question
- (3) Have you worked as a commercial vehicle driver? (Check one)
  - Yes
  - No
  - I prefer not to answer this question

(4) What best describes your role in the commercial vehicle industry? (Check one)

- Driver
- Fleet
- Government
- Supplier
- Manufacturer
- Inspection/Law Enforcement
- Maintenance/Analytics
- Other (please specify) \_\_\_\_\_
- I prefer not to answer this question

(5) Have experienced a commercial truck automated driving system before?

- Yes
- No
- I prefer not to answer this question

If “yes”, how did you learn about commercial truck automation (Check all that apply)

- In-vehicle demonstration of automated driving
- Watched a demonstration of automated driving in person
- Saw videos of the automated driving technology
- Read about the automated driving technology
- Talked about automated driving technology with developers
- Other (please specify): \_\_\_\_\_

## **PART 2: 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