

Request for Discussion

SRTA #26-000

Connected Vehicle Solutions and Technologies

Requested by
State Road and Tollway Authority

November 18th, 2025

Written Response Due: December 3rd, 2025



1. Purpose and Need

The State Road and Tollway Authority (SRTA) is seeking to engage in informative discussions regarding Connected Vehicle (CV) or V2X solutions and technologies that have the potential to enhance the overall customer experience along the Northwest Corridor Express Lanes (I-75/I-575) in the Atlanta metropolitan area. These solution-focused discussions are intended to explore innovative, technology-driven ideas that can improve mobility, increase roadway safety, and/or deliver real-time information concerning roadway and traffic conditions to all travelers – including motorists, freight and transit operators, emergency responders, and more.

Potential solutions will be required to operate independent of the existing SRTA back-office systems and the Authority is currently not interested in potential CV applications related to tolling.

The insights gained from these engagements may inform and shape future SRTA initiatives.

Interested vendors are expected to adhere strictly to the response procedures outlined in this document when submitting their response.

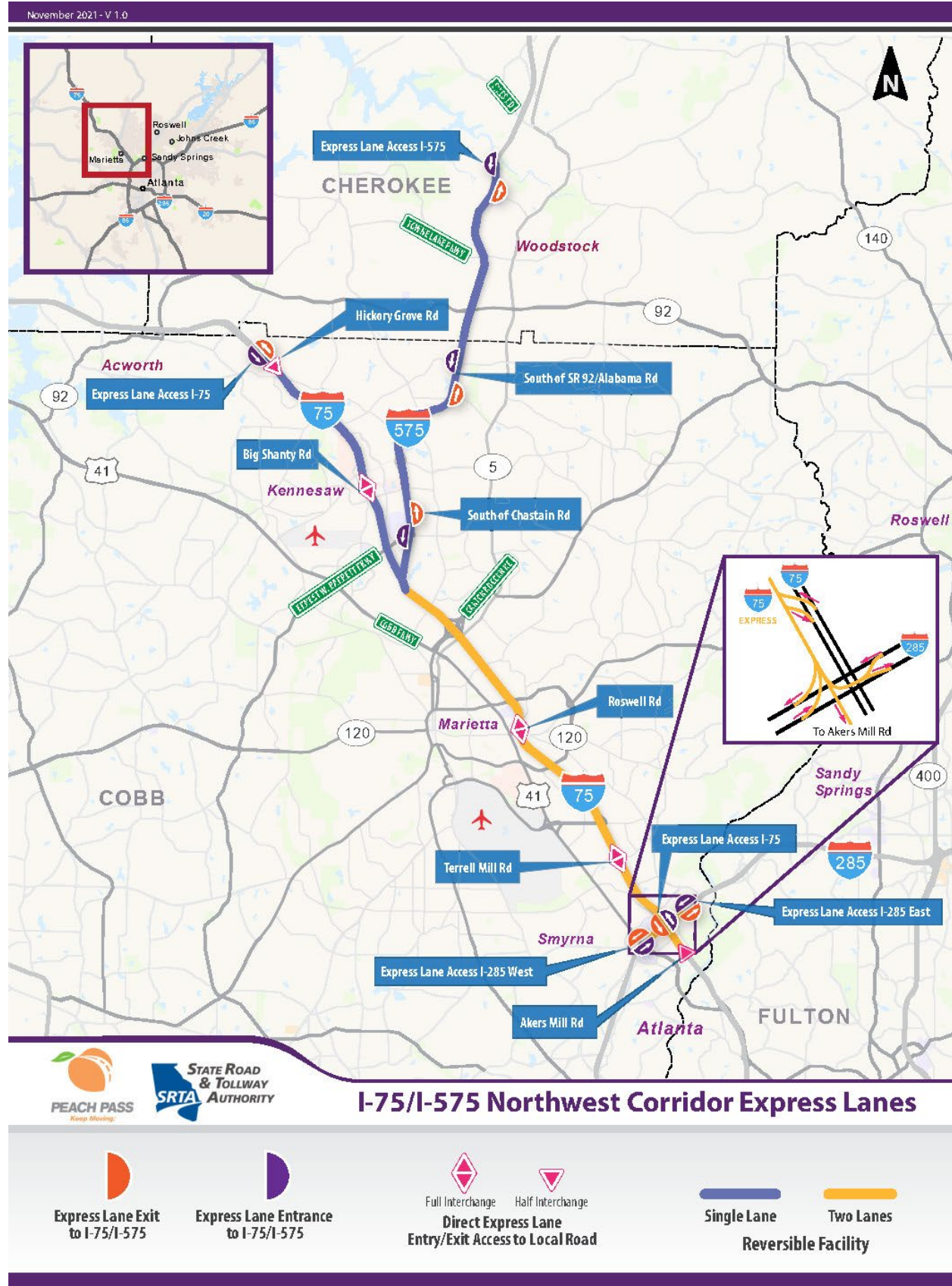
2. Background

SRTA, in partnership with the Georgia Department of Transportation (GDOT), operates and maintains Georgia's Express Lane network. SRTA is responsible for the tolling roadside O&M, setting toll rates, monitoring and collecting tolls, and managing the Peach Pass Customer Service Center. GDOT is responsible for Traffic Management Center and the roadway O&M of each Express Lane facility. The SRTA and GDOT operations staff work closely together to ensure the express lanes operate seamlessly for the motorists.

SRTA currently operates four Express Lane facilities in metro Atlanta: I-85 Express Lanes, I-85 Extension Express Lanes, I-75 South Metro Express Lanes (reversible facility), and the Northwest Corridor Express Lanes (reversible facility). These lanes are optional toll lanes that run alongside existing interstates in some of the most congested corridors in the region. The facilities provide a choice for motorists and transit riders who want a more reliable travel option during peak periods. Each lane is congestion-priced to maintain reliable travel times during the peak periods.

The Northwest Corridor Express Lanes consist of a reversible, barrier-separated toll lane system that runs 29.7 miles along the I-75 corridor from Akers Mill Road to Hickory Grove Road and along I-575 from I-75 to Sixes Road. There are several entry and exit points along the corridor. Weekdays, the Express Lanes generally operate southbound towards Atlanta in the AM and northbound in the PM.

Northwest Corridor Express Lanes are registered lanes – motorists are required to have a valid toll account to drive on the Express Lanes. Trucks with more than six wheels or two axles are not permitted in the Express Lanes. More information can be found at <https://peachpass.com/travel-the-express-lanes/northwest-corridor/>. Below is a map of the Northwest Corridor Express Lanes.



3. Project Goals

SRTA is seeking to broaden its understanding of available CV solutions and technologies currently offered by industry vendors. SRTA is particularly interested in exploring innovative approaches that can deliver meaningful benefits to both the agency and the users of its transportation infrastructure.

Key areas of interest include, but are not limited to, the following:

1. **Enhanced Mobility** – Solutions that facilitate smoother and more efficient travel across the Express Lane with applications and use-cases supporting multiple modes and users.
2. **Congestion Reduction** – Technologies aimed at eliminating traffic queues, minimizing bottlenecks, and improving overall traffic flow – including peak hour conditions.
3. **Improved Safety** – Systems that contribute to reduced primary and secondary incidents resulting in safer travel conditions for all road users.
4. **Real-time Information Delivery** – Tools that provide timely, relevant, and accurate data to support informed decision-making and increased contextual awareness for the traveling public.

Vendors are encouraged to present additional capabilities or applications beyond those listed above where solutions will provide Express Lane customers with benefits. Vendors should demonstrate the user interface or user experience (UX/UI) for their solution (e.g. mobile app).

All proposed solutions should align with SRTA's strategic goals of enhancing transportation efficiency, safety, and customer experience.

4. Process to Participate

Step 1: Review the RFD

Review the Request for Discussion (RFD) document in its entirety. Identify technical solution(s) that address one or more of the key areas of interest of the Authority and will provide meaningful benefits to the transportation network.

Step 2: Provide Written Response

Vendors will be required to provide a brief written response with the requested information. Each vendor will submit an electronic copy one-page Portable Document Format (PDF) response formatted with single line spacing, 12-point standard font. **The RFD responses are not scored; all submissions will be reviewed and those that align with SRTA's interests will be invited to participate in a one-on-one virtual discussion.**

Additional attachments to responses are prohibited. All responses are due **by (2:00 PM, EST) on Wednesday, 12/3/25**. Late responses will not be accepted or reviewed.

Send all written responses via e-mail to procurement@srta.ga.gov - **Subject line of email:** RFD for Connected Vehicle [*vendor name*].

The one-page PDF written response shall include the below information from each vendor:

1. Responder Name
2. Phone Number
3. E-mail Address
4. Company Name (if multiple firms are represented, provide all names)
5. Solution Name (including manufacturer and model numbers, where appropriate)
6. Brief Description of the proposed connected solution (maximum 500 words)

Step 3: Set-up On-Line Meeting for Vendors

Invited vendors will be notified by e-mail **by close of business Wednesday, December 10th** if SRTA is interested in participating in further conversations related to the proposed solution. E-mails to vendors will provide the necessary information for a virtual meeting (i.e., Microsoft Teams). Each meeting will be limited to one (1) hour and will be organized in the following format:

1. Introduction (5 minutes)
2. Vendor Solution (40 minutes)
 - a. Company Background (5 minutes)
 - b. SRTA questions (35 minutes)
 - i. Where has your solution been deployed and for how long?
 - ii. What iteration are you on?
 - iii. How could this benefit Express Lane users?
 - iv. How does your solution interact with road users?
 - v. Does your solution require any physical infrastructure, if so what components?
 - vi. Describe your system architecture and concept of operations.
 - vii. What is your business model as well as expected deployment, operational, and maintenance costs of your solution?
3. Questions and Answers (15 minutes)

Meetings may include SRTA staff representing various divisions of the agency including Engineering and Operations as well as representatives from GDOT.

The intent of the meeting is for the vendor to educate and inform SRTA and GDOT staff of potential CV solutions and technologies for consideration for future deployment.

Information, ideas, and concepts presented by each vendor during these meetings may be incorporated into an Executive presentation with a recommendation for next steps; therefore, vendors should refrain from providing information, ideas, and concepts considered to be proprietary, confidential, or trade secrets.

5. Restrictions on Communications with SRTA during RFD Period

All official communications to and from SRTA regarding this RFD will be transmitted in writing (defined as being sent or received via electronic mail).

All Respondent communications concerning this RFD should be directed to the SRTA Issuing Officer, Staci Winston. Please send email to procurement@srtga.ga.gov. Any oral communications will be considered

unofficial and non-binding on SRTA. Respondents should only rely on written statements issued by the SRTA Issuing Officer.

All Respondents and representatives or partners of any Respondent are strictly prohibited from contacting any other SRTA staff or Board member or third-party representatives of SRTA or GDOT representatives on any matter related to the RFD.

6. Confidentiality

SRTA recognizes that a Respondent may wish to include information in its response to this RFD that the Respondent may consider proprietary, confidential, or a trade secret. All materials submitted in response to this RFD are subject to public inspection, pursuant to the provisions of Georgia's Open Records Act upon completion of the RFD process. SRTA's receipt, review, evaluation or any other act or omission concerning any such information shall not be considered to create an acceptance of any obligation or duty for SRTA to prevent the disclosure of any such information except as required by the Open Records Act. Respondents that decide to submit information they believe should be exempt from disclosure under the Open Records Act shall: (i) clearly such information as confidential, proprietary or exempt, (ii) shall include such information in a different color from the rest of the proposal text, (iii) shall state the legal basis for the exemption with supporting citations to the Georgia Code, and (iv) for records containing trade secrets, Proposers who wish to keep such record confidential shall also submit and attach to the records an affidavit affirmatively declaring that specific information in the records constitute trade secrets pursuant to Article 27 of Chapter 1 of Title 10 of the Georgia Code.

Pursuant to Georgia Law, if the information is requested under the Open Records Act, SRTA shall make a final determination if any exemption exists for SRTA to deny the request and prevent disclosure. SRTA will withhold such information from public disclosure under the Open Records Act only if SRTA determines, in its sole discretions, that there is a legal basis.

7. Reserved Rights

Issuance of this RFD does not commit SRTA to issue an RFP or award a contract. SRTA may amend or cancel this Request for Discussion at any time, for any reason.

SRTA will not assume any expense incurred by vendors participating in the Request for Discussion, Request for Discussion Response, Request for Discussion virtual meeting, or Presentations. Vendors are solely responsible for their own expenses.

8. Conclusion

SRTA values the opportunity to engage with vendors, industry experts, and solutions providers to explore the evolving landscape of CV technologies.

While this initiative does not constitute a formal procurement process, the information and ideas shared may be used for future planning and strategic initiatives. SRTA encourages vendors to participate by submitting concise responses and potentially engage in meaningful dialogue during scheduled meetings.

SRTA remains committed to advancing Georgia's transportation infrastructure through collaboration, innovation, and a shared vision for a safer, smarter, and a more efficient mobility network.