

From: Bo Starke

To: Nimesh Sangani

Date: November 03, 2020

Subject: Additional Information Request

Message:

The 75 RSU and 15 OBU were needed for our Phase 1 contract with UDOT which focused on the development of V2I capabilities for a small number of UDOT fleet vehicles as well as some I2V applications for dangerous curves on the deployed roads. The focus was rural canyons.

This requested increase is to accommodate our Phase 2 commitments which involve the development of much different applications, primarily at the intersection. The RSU increase is needed as we will be expanding from a rural canyon environment to an "enclave" environment for which we will be equipping many intersections with C-V2X technology.

On the OBU side, the desire is to expand the UDOT C-V2X fleet to include over 200 vehicles, primarily focusing on heavy-duty vehicles for priority/preemption use cases. The intent is to develop TSP applications for these vehicles that will be enabled by our intersection focused RSU deployment.

I hope this answers your question for why we need to deploy more than 90 units. Please let me know if you have further questions.

Thanks,
Bo