Complete Trip - ITS4US Program ConOps Webinar: Chat Log Transcript – University of Washington (07/26/21)

Kevin Viita (ITSA): Hello everyone and thank you for joining us today. If you have any questions at any time during today's presentation, please type them into this chat pod. We will have a Q&A session at the conclusion of the presentation.

Marcy Jaffe: This is exciting, on the ground field details. Will this ground sourced knowledge update all maps including but not limited to OSM, Apple, Google, and other privately managed maps. Have they agreed to publish? Who will fund to maintain and update this data? Will crowdsourced data be accepted and tested?

Mark Hallenbeck (UW): Excellent questions Marcy. The goal of the project is to make the data open source. It is then up to the different map providers to access that open-source data and incorporate it into their maps. Alternatively, an application developer could combine the data we are contributing to data they can obtain from those map providers.

Mark Hallenbeck (UW): So we are working closely with Google, Microsoft, and Mappilary (now Facebook), but they have not yet committed to placing these data in their maps. But they are certainly listening and participating.

Mark Hallenbeck (UW): Funding (the business plan), is something we are working on as part of the project. Similarly, the ability to obtain data from multiple sources, including crowdsourcing is part of the project. The goal is to both dramatically lower the cost of collecting the data, while at the same time ensuring the highest level of accuracy in that data., all while understanding that funding is required for those activities.

Marcy Jaffe: Who will be paid to update& keep up to date? are regional agencies funded to do these base map updates?

Mark Hallenbeck (UW): It is unlikely that agencies will be paid to keep up data on the systems they own and operate. But if you have suggestions on how to make that happen, we are happy to listen to any and all ideas.

Mark Hallenbeck (UW): One of our intentions is to use standardization to drive down the cost of applications. So once a city/county transit agency stores data in our standard format, the cost of management of their systems can be dramatically lowered because software can be written to serve the same needs for many different cities, without having to write new code for each city.

Mark Hallenbeck (UW): This also presents a better market for the firms that would like to provide those tools/applications to help cities/counties/transit agencies do their routine work more efficiently and in a less costly manner.

Tom Kurihara, Self: What I am hearing is an able person's presentation, not the viewpoint of the person who has disabilities, i.e., mobility limited, hearing impaired, and sight impaired. Audio signals are lacking for sight impaired that might be demonstrated. visual aids are not useful for sight impaired. Personal opinion and filter.

Carole Delion: Crowdsourced based data is more likely to be procured by states, to include Mapillary (mentioned above), Nexar, Payver, Mobileye etc. rather than going out and mapping it ourselves. But if all those vendors used this standardized method that would be fantastic.

Shari Schaftlein (FHWA): Is there an example of how alleys can be added to the strategic planning for connected networks taking into account surface, safety, etc. It could provide more directness w/ less conflicts.

Mark Hallenbeck (UW): @Shari, I agree that alleys need to be included. I don't have a good example to give you, but yes, between the street network and the pathway network, we need to ensure that alleys are included.

Mark Hallenbeck (UW): And these pipelines include the absorption of the Crowdsourced data. We have to both obtain it, and vet it.

Tom Kurihara, Self: Discussion of data pipeline seems to address development for data use, however, does not provide a means by which a sure can select choices and create useful end result, not data sources determined that is not fit user queries plus time-specific changes.

Marcy Jaffe: How are demand response services be discovered? What is the plan to represent those flex services that often require reservation?

Mark Hallenbeck (UW): @Marcy - another good question, but that one's too complex to answer in the chat. We'll get to this question in the Q&A as need to add to what Ant will be saying shortly.

Charlotte Frei: Marcy, GOFS and the Transactional Data Specification are 2 specifications being developed to make DRT services discoverable - and allow for not just discovery but the transaction

Tom Kurihara, Self: Has access to cameras and other visual aids for trip planning; and are visual aids of sufficient fidelity and clarity from different user capabilities, age groups, and technology access?

Mark Hallenbeck (UW): @Marcy - Also note that there is a second ITS4US project that we are coordinating with, the CALACT project, which is specifically working on a Plan/Book/Pay application and system for flexible, on-demand services

Tom Kurihara, Self: What tools are available for data distribution and interface descriptions for data exchanges and what standards are available?

Victoria Martinez: Why no bike and ped option?

Marcy Jaffe: yes, agreed, I was curious how parallel initiatives will resolve sooner than later.

Mark Hallenbeck (UW): @Tom, we'll deal with your questions in the Q&A as well.

Tom Kurihara, Self: ISO TC204 WGs are addressing standards and guidance about fare and travel planning in urban environments, may be useful if not already being used.

Mark Jensen: We are going to use the same stakeholder involvement process to support the system requirements -- we will have a full Walkthrough Session for that activity.

Sarah Hackett, Oregon DOT: Could you please provide the link (slide 35?) that provides access re. advisory groups?

Mark Hallenbeck (UW): https://transitequity.cs.washington.edu/

Tom Kurihara, Self: Thank you for the response on camera and visual data.

Shari Schaftlein (FHWA): Are partnerships considering all season access? O&M for snow, leaf fall, and debris removal on "main underserved " pathways?

Tom Kurihara, Self: Promising. Would like to see results sooner to be used than timeline provided.