

**San Luis Obispo County MSAA Project –
Technology Subcommittee Meeting
Thursday, June 8, 2017 – Ride-On Conference Room
11:00 am – 12:00 pm PDT
Conference Call: (647) 946-6578; Access Code: 62905**

Committee Chair: Justin Bradshaw

AGENDA & Notes

- 1. Welcome and Introductions** **Justin Bradshaw**
 - a. **Welcome.** *Mark Shaffer welcomed all members in attendance.*
 - b. **Introductions.** *Justin Bradshaw; Mark Shaffer & Jason Portugal, Ride-On; John Osumi, Bishop Peak Technologies; Nicole Bennett, CenCal Health; Kevin Chambers, Ride Connection (Portland, OR).*

- 2. MSAA Project Update** **Mark Shaffer**
 - a. Revised Draft System Requirements – submitted to FTA.
 - i. *Mark informed subcommittee members the revised draft System Requirements have been submitted to FTA for review and comment. Mark invited subcommittee members to send any comments to his attention and thanked those members that have done so.*
 - b. High-Level System Design (the TMCC “how”) Deliverable – in progress.
 - i. *Mark stated the Project Management Team (PMT) has commenced work on the High-Level System Design (HLSD) tasks.*

- 3. System Requirements Capability Matrix – Review** **Mark Shaffer**
 - a. *Mark stated this matrix serves as an overview of the revised draft System Requirements to be shared with industry technology providers in seeking market capabilities.*
 - b. *Mark stated the Capabilities Matrix addresses the portals reflected in the revised draft System Requirements.*
 - c. *Mark stated there is a need for system integration information (based on selected option). Provides information on requirements needed by vendor to integrate with the TTT.*
 - d. *John Osumi stated that it is important to confirm the requirements – as all vendors will want to know what is expected for the system.*
 - e. *Mark likened the technology and integration process to puzzle making – piecing multiple parts together.*
 - f. *Justin Bradshaw stated the committee should not get lost in details such as a web portal and the mobile portal talks to the data and API’s. Important the*

process allows open data, allowing for multiple vendors to be engaged in the process, where it will live, and be updated.

- g. John encouraged the committee to minimize scope creep.*
- h. Justin stated the local providers can share examples of rules to build a database.*
- i. John stated the TTT concept could allow for a baseline of requirements with an open project that requires minimal customization and multiple vendors could participate.*
- j. Mark stated a vendor could have their own support and maintenance for their elements of the project. Vendors could adapt their technology to communicate with the TTT. John said no customization would be required.*
- k. Kevin Chambers referenced the current TRB/TCRP report research (G-16) on data integration and data formatting. Kevin will share any information on the subject and contact information. Kevin stated the research is being conducted by Roger Teal and includes persons from the US and across the world.*
- l. Mark inquired with Kevin regarding the SLO MSAA project and its relationship with the Clearinghouse. Kevin said the Clearinghouse is a business to business application to share a ride – not a dispatching tool. The Clearinghouse will ensure the trip will get to the right provider and they are required to schedule the customer’s trip. Mark said the SLO MSAA concept is like the Clearinghouse. Kevin invited the team to utilize it as a design template and it has been utilized in Denver as well.*
- m. Kevin stated the Cambridge Systematics One-Click software is explicitly customer facing. He also stated the NW Denver MSAA project is supposed to be open source. The NW Denver project’s code is being written in Java rather than Ruby.*

4. TTT Technology Options – Open Discussion

Mark Shaffer

- a. Mark discussed potential options for the TTT.*
- b. The subcommittee discussed the following ideas for trip scheduling and management.*
 - i. 511 as the customer front end.*
 - ii. One-Click (customer facing)*
 - 1. Mark inquired how a customer trip request is made to the provider. Kevin stated the customer can select information related to their service needs (i.e. specialized). The customer can get to the point where they can click to book a trip. It will send out an API to the vendor to manage the transaction. The software could also potentially determine trip reminder availability. It’s a robust front-end to multiple API’s.*
 - iii. Vendors (i.e. RouteMatch). Mark has contacted RouteMatch and referenced a future meeting/discussion overview.*
 - 1. Option – use those available for public transit and add paratransit to this application.*
 - iv. Go LA Project concept (created by Xerox).*
 - 1. Jason reviewed the process and how to schedule a trip. Paratransit services beyond TNC’s are not involved.*

- 2. *Mark referenced prior discussion with the similar Go Denver project as well. Denver stated they want to own that project and send out an RFP for this project's technology services.*
- c. *Fare Management. Mark invited the committee to discuss possible fare management systems that could benefit the project.*
 - i. *Kevin stated that he is aware of Movel's system being open source with an open API. Kevin is unsure whether their system can scale down to meet the needs of human service paratransit. Kevin encouraged Mark to contact those engaged in the fare industry to learn the state of the industry. Kevin also invited Mark to contact Aaron Antrum in Portland who is working on a fare project in VT. Kevin to share Aaron's contact information.*

5. Questions and Comments

Committee Members

6. Next Steps

Mark Shaffer

- a. Revised Draft System Requirements Deliverable - finalize per comments from FTA.
 - i. *Mark stated the PMT is awaiting comments from FTA on the revised draft System Requirements.*
- b. Continued work on High-Level System Design elements.
 - i. *The PMT will continue to work on elements related to the HLSD.*
- c. Commenced "Ride to Coordination" document.
 - i. *Mark stated the PMT has started work on the "Ride to Coordination" document - which will serve as a project cookbook and peer knowledge transfer tool.*
- d. CTAA Expo, Detroit – MSA A Presentation, June 14
 - i. *Mark is attending the CTAA Expo/conference next week in Detroit, MI. He is presenting in the FTA MSA A session on the project's behalf.*
- e. Next Meeting – Advisory Committee, June 27, 10:30 am – 12:00 pm, RTA.
 - i. *The meeting will feature a project update, review of the Capability Matrix, and high level group discussion of potential TTT options.*

7. Closing Remarks

Mark Shaffer