ELECTRIFICATION OF TRANSPORTATION INFRASTRUCTURE
STEERING COMMITTEE
MINUTES

DRAFT

Wednesday, August 16, 2023 , 10:00 a.m. to 12:00 p.m.

Utah State University
USTAR 650 Building, Room 158
650 Grand Avenue, Logan, Utah 84341

Electronic participation information
Google Meet: https://meet.google.com/xzi-ikgw-vvq
Phone: 513-666-7205, PIN: 132 250 899#

PRESENT
Carlos Braceras, Committee Chair, UDOT Executive Director
*Jay Fox, Committee Member, UTA Executive Director
*Shule Bishop, UTA Government Relations Director
Dustin Maugh, USU/ASPIRE Program Director, EVR Testbed Lead
Lyle McMillan, UDOT Strategic Investments Director
Ryan Starks, Committee Member, GOED Executive Director
Leif Elder, UDOT Policy and Legislative Services Director
Bryce Bird, Committee Member, UDEQ Division of Air Quality Director
Regan Zane, Committee Member, USU/ASPIRE
James Campbell, Committee Member, Rocky Mountain Power Director of Innovation and Sustainability
*Tim Fitzpatrick, Salt Lake Tribune
*Zach Rash, Stout
Cassidy Bowman, ASPIRE
Ivonne Santiago, ASPIRE
Sierra Gentry, Rocky Mountain Power
Diane Josie, UDOT Executive Assistant

*indicates virtual participation

The meeting began at 10:00 a.m.

1. WELCOME AND APPROVAL OF JUNE MEETING MINUTES

Carlos Braceras welcomed everyone to the meeting and introductions were conducted. He anticipates the Steering Committee will complete approval of the budget before the end of September. He appreciates the ASPIRE team.

Bryce Bird motioned to approve the June 2, 2023, meeting minutes. Lyle McMillan seconded the motion. All members voted in favor and the minutes were approved.

** While these minutes were being reviewed, we noticed that Lyle is not a member of the Steering Committee and can not second the motion to approve the draft minutes. The minutes from the June meeting will need to be brought to the Committee for approval at the next meeting.*

2. DISCUSSION ON PRIORITIES

Regan Zane thanked Carlos for leading the Committee. The two items that must be accomplished is getting feedback from the Committee on priorities and approval on the budget. He presented a listing of what needs to be accomplished per SB 125.

Regan introduced Dustin Maughn. They discussed the action plan for electrified transportation system, strategic objectives, changes across ecosystem sectors, identifying gaps and priorities, risk assessment and supply chains, and outreach and promotional effort.

Regan said we need to have an action plan. He said to be clear we are not talking about replacing the transportation plan that UDOT puts together. We are also not talking about a construction design plan. Carlos mentioned that we could think of it as a vision. Jay Fox asked about setting broader objectives and then creating an action plan.

Bryce Bird said that every week DEQ is getting new funding availability notices from the federal government. Carlos thinks the plan will strengthen Utah's ability to get federal dollars. Regan said it's possible to set some early priorities.

Regan asked if there are any other considerations to put on the risk analysis. Carlos asked if workforce is an issue. Regan said journeymen are allowed a certain number of apprentices. Carlos said he thinks bringing the workforce along is important. James

Campbell said there will be large growth in the low voltage or end use and it does make sense to coordinate with educational institutions.

Regan asked if we formalize the risk assessment. He said it would be useful and he suggested coming back to the next meeting with strategic objectives.

The group discussed how they want to measure success. Ryan Sparks said having a formalized plan is an indicator. Bryce said identifying and removing the barriers.

Regan said key priorities are the plan, clarifying the scope of the plan, re-emphasizing development of plan, and identification of barriers and gaps. Carlos suggested the Committee vision be moving toward a dynamic optimized multimodal transportation system. Jay said he thinks we need to include coordinating statewide investment.

Regan said if we are clear on the priorities, they will work to set up the spreadsheet.

3. TEAM AND BUDGET REVIEW

Regan outlined the following items for the draft budget. He said they have been making arrangements for the past few months to get set up and get this done.

- Project director who will work for Aspire
- Data modeling and analysis
- Industry advisory board and community outreach
- Logistical and administrative support

James asked if each item feeds into the next one. He wants to make sure the report is credible when presented to the legislature. Regan said the Industry Advisory Board signs the report. He wants to be sure the action plan has buy-in by the Board. State dollars are funding the budget for the Steering Committee and the Advisory Board.

The total proposed FY24 budget is $2.1 Million. Regan said they are intending to get additional matching funds next year. James said he thinks the funding is enough to do analysis and planning but not to do infrastructure.

Regan said they've looked at multiple scenarios. He proposes they work with the initial team to get started. Dustin would spend 75% of his time on the project. They might pull in a couple of other individuals at the executive level to support Dustin. They have two

graduates they would like to pull in on the project as the data analyst. He discussed the other positions that were included in the budget.

Leif Elder asked if something is built in to provide help or resources or outreach and grant writing? Is there any intention to be able to provide services to those you are outreaching to? Regan said yes, they will be managing that internally and discussing that as we progress.

The group discussed approving the budget. Ryan Sparks motioned to approve the proposed budget. Bryce Bird seconded the. All Committee members voted in favor and the proposed budget was approved.

4. ADVISORY BOARD STRUCTURE UPDATE

Regan said he would like to spend a few minutes to get any thoughts. The intention is to section and structure the Advisory Board. He showed a list of Advisory Board industry sectors. Aspire will provide the support for the committees. They want to keep the team as small as possible which includes leaders across the sectors.

Carlos asked if they should break up the sectors based by areas: generation, providers, and users. Regan said the list is heavy on the vehicle side. They might sector the vehicle side by freight, passenger, etc. How do we sector the technical workforce sector? We also need to consider integration and connection. Community as well. Jay said we need to capture the rural and urban. Regan said they don't have time to brainstorm here but he will follow up with the Committee to get feedback.

Regan said they need to separate the end user categories out. He asked if there are any other end user categories to look at. Carlos mentioned state and national parks. James mentioned T&Cs. Regan mentioned agriculture, mining, construction, and off-road equipment.

Regan said they will come to the next meeting with an updated vision on how the Advisory Board will be structured.

5. INVENTORY UPDATE: WHERE ARE WE AT TODAY IN TRANSPORTATION AND ELECTRIFICATION

Regan said the objective is to establish a baseline of electrified transportation and associated sectors across the state. He said we need to determine the inventory. He said this could be the update provided to the legislature in October.

Dustin presented slides that included information regarding the number of registered electric, hybrid, and hydrogen vehicles. Ryan asked if the trend of heavy-duty electric vehicles will continue to increase. Lyle commented about data he gets from the DMV and he would like more frequent and detailed information. The group discussed the increase of electric vehicle registrations. Bryce said to remember that this adoption level is without any registration incentives for EVs.

Regan asked about creating GIS mapping for this data on a website. This could be discussed at the next meeting.

Dustin presented several slides with information regarding the projected growth of electric vehicles in Utah, the models of EVs that are available, and the charging infrastructure. Slides regarding the projected future charging demand were shown. Regan said this was a broad stroke and it allows us to maintain a suitable level for chargers.

James asked about the adoption of EV's in the State's fleet. Lyle said this Committee helps underscore the need for collaboration between agencies.

Dustin said they would make all of the slides presented at this meeting available to the Committee.

6. SCHEDULE AND NEXT STEPS

Regan would like to meet again to review what is going to be presented at the October Infrastructure and General Government Subappropriations Committee. A two hour meeting will be scheduled before the end of September.

7. TOUR OF ASPIRE FACILITIES AND DEMONSTRATIONS

Those who had time stayed for a tour of the ASPIRE facilities.

8. ADJOURN

The meeting adjourned at 12:08 p.m.