No Boundaries Phase II
Transportation Pooled Fund #TPF-5(330)

Minutes - Teleconference
June 1, 2016 | 2:00 to 3:00 p.m. Central

Attendees

Connecticut: Rick Hanley, Andrew Mroczkowski
Florida: Kristin McCrary
Illinois: Stephanie Dobbs
Michigan DOT: Todd Rowley, Steve Cook, Melissa Howe, Allison Porrett
Missouri DOT: Mike Shea
New York State DOT: Greg Grimshaw

North Dakota: Les Noehre
Ohio DOT: John Stains, Mitch Blackford, Cynthia Jones, Thomas Lyden
Virginia DOT: Joe Williams, Robbie Prezioso, Joe Lomax
Washington State DOT: Jay Wells
CTC: Kim Linsenmayer, Kirsten Seeber
DW Clonch: Diana Clonch, Diane Watkins

Outreach/membership update

- Both the Connecticut and Virginia DOTs have officially joined the No Boundaries pooled fund.
- Diana and Diane (DW Clonch) have reached out to many organizations to ascertain their interest in joining the pooled fund.
  - Diana attended the APWA North American Snow Conference, speaking with several attendees and distributing flyers on the study.
  - Diana and Diane have been reaching out to Ohio and Michigan cities that are in the US DOT's Smart City Challenge. These cities, which are forward thinking and technology orientated, might want to reap the benefits of joining the pooled fund.
  - Diana called Brendon Klenk at the Utah DOT and also sent him today's TAC meeting agenda.
  - Diana has sent emails to a few professional organizations to keep them in the loop on the study as an opportunity for networking.
- Thomas (OH), Steve (MI) and Becky Allmeroth (MO) will present on No Boundaries at the annual SCOM meeting in July. They will talk about the study history, maintenance innovations, how to join the study, and the benefits of joining. Thirty to thirty five state DOT maintenance engineers will be at the meeting.
  - Steve (MI) – This is the event where we will attract the most attention for the study. We need to show the ROI for members so it would be helpful if each member could give the presenters a couple of bullet points about what they are getting from participation. This will attract others and prompt them to join.
  - Robbie (VA) – He suggested having copies of the latest newsletter and/or show the parts of the website that would interest the attendees.

ACTION ITEMS

CTC:

- Send an email to the TAC to ask for realized and/or anticipated benefits of membership. Work with Thomas (OH) to put the membership benefits, and other information about No

Boundaries, into a format that he feels would work best at the SCOM meeting. Update the study brochure to reflect the current membership.

October face-to-face meeting – Ann Arbor, MI
- MDOT is hosting the meeting. The meeting was initially going to be in Lansing, but we moved it to Ann Arbor because of the convenience to the proposed activities. The hotel is across the street from the Michigan Tech Research Institute, who is doing the UAV demo. The group will tour Mcity, the test facility that evaluates the capabilities of connected and automated vehicles and systems. MDOT will have a couple of trucks on hand to demonstrate how they have taken the technologies from their snowplows and transferred them to their spray trucks.
- The meeting is scheduled for two and a half days to accommodate all of the demonstrations and the presentations.
- Day 1 – The first day will focus on asset management presentations in the morning. Members will share what is working well and what is challenging them. We will have a few states that are further along in implementing their systems share where they are at and their experiences with implementation.
  - ➤ Steve (MI) – Is this asset management or performance based? Allison (MI) will have information to present on performance based because Michigan, as well as Florida, has jumped out on this. Some states are advanced in using a software tool to bring together their asset management activities. At a Maintenance Peer Network meeting held last year there were several states that presented on advancing Transportation Asset Management Systems, including Wisconsin, Missouri and others. He will provide Kim the contact information for Lacy Love, who can help us zero in on folks from those states who might want to present at our meeting.
    - ▪ Jay (WS) – Yes, we should invite states that are further along in the asset management process, who can share their experiences.
  - ➤ Steve (MI) – It could also be valuable to invite MnDOT to present on their research on UAVs.
  - ➤ Kim (CTC) – No Boundaries could potentially pay for the travel of non-member presenters, and it could be a recruitment tool to show them the benefits of participation. The group will need to vote on this.
  - ➤ Jay Wells (WA) asked if it would be possible for No Boundaries to also cover the travel costs of Joe Schmit, WSDOT's technology resource manager. He is in the best position to share the technical details of WSDOT's maintenance asset management hardware and software. This can be included in the TAC vote.
  - ➤ Potential end-of-day topic options include data collection, sharing an innovation, new member presentations, etc.
    - ≈ Steve (MI) – New member presentations on their maintenance programs.
    - ≈ Robbie (VA) – Feedback from the SCOM meeting and what the attendees think about No Boundaries. Kim (CTC) - We will probably talk about this on a teleconference before the face-to-face meeting. We can talk about member outreach on the last day, when we talk about business.
    - ≈ Jay (WS) – Presentations from other states on how they do their innovation rodeos.
- Day 2 – Michigan presentations and demonstrations: The use of UAVs in maintenance activities in the morning and equipment demonstrations in the afternoon.
  - ➤ Steve (MI) will present Michigan's perspective on UAVs, including research, why they got into using UAVs and the future use of UAVs. Colin Brooks (Michigan Tech) will present the

research they are doing with other DOTs around the country, give a tour of their facilities, and a UAV demonstration.

➢ Todd (MI) – The equipment demonstration in the afternoon will consist of a snowplow and an herbicide spray truck. Michigan has a pilot program where they have outfitted five spray trucks with the same data collection systems that are on their snowplows to track everything they spray. They will show where they began with the snowplow and how they apply those systems to their spray trucks.

- Day 3 – Morning session only. This the administrative and future planning part of the agenda. We will adjust the end time to make sure everyone gets to their flights in Detroit.
- Meeting space – Days 1 and 2 at Michigan Tech Research Institute. Day 3 at the hotel.
- Todd (MI) has reserved passenger vans that can hold about 22 people. They can get the group around Ann Arbor and to the airport on Thursday morning.

ACTION ITEMS

CTC:

- Develop an updated budget for the study and discuss with the TAC.
- Draft No Boundaries operating procedures that outline voting procedures to be used when TAC approval is needed, such as paying for outside presenters at the October meeting. Discuss with the TAC on a future call.
- Coordinate a TAC vote on paying for non-member presenters at the October meeting.
- Update the fall meeting agenda based on the ideas discussed.

Innovations database

- Kim (CTC) – She asked for initial feedback to the draft form and database developed to get a sense of next steps. We will implement any changes needed and then announce it the public. We would put some effort into soliciting for innovations. Some states compile their innovations into a report, such as MnDOT.
  - ➢ Jay (WS) – Make sure it's possible to sort innovations by product/activity type, such as equipment, as well as by maintenance activity.
  - ➢ Alison (MI) – These categories are a good start. As we begin getting more innovations and people check the "other" box, we can drill down into their comments to see if we need to add any more categories.

ACTION ITEMS

CTC:

- Send the draft innovations submission form and database of results to the group for additional feedback.

Asset management survey

- Kim (CTC) would like the members to review the survey offline and provide her with feedback. Is the survey asking for enough detail to provide the group with useful information to discuss at the fall meeting, and for the members in general? Is it too long, such that it will be difficult to encourage participation?

> Steve (MI) – The survey is too long. People's answers may fall off as they get beyond the first few pages. It would require folks to reach out to other areas of their agencies to provide the answers.
> Allison (MI) – Break it up into multiple surveys. Find out what states have what systems in place. Then send a follow up survey that asks for details about their programs or systems. Filter the group down a bit with some initial questions.

ACTION ITEMS

CTC:

- Send an email to solicit additional feedback from the members on both a short and long version of the survey.