

DRAFT *TransPort/ Meeting*

Notes

Wednesday, May 8, 2019

1:00 to 3:00 p.m.

ODOT Region 1, Room A/B

Meeting Attendees:

Kate Freitag – Chair	Oregon Department of Transportation
Alison Tanaka	Kittelson
Bikram Raghubansh	Clackamas County
Bill Cisco	Traffic Tech Services
Caleb Winter	Metro
Cliff Higgins	Metro
Dennis Mitchell	DKS
Jason Spencer	Econolite
Ken Lobeck	Metro
Jim Gelhar	City of Gresham
Joe Marek	Clackamas County
Kristin Tufte	Portland State University
Lake McTighe	Metro
Mike Fouts	TriMet
Nathaniel Price	FHWA
Pamela O’Brien	DKS
Pat Marnell	Intelight
Peter Koonce	City of Portland
Scott Turnoy	Oregon Department of Transportation
Shaun Quayle	Washington County
Ted Leybold	Metro
Tina Nguyen	City of Beaverton
Willie Rotich	City of Portland

Meeting: TransPort, Subcommittee of TPAC

Date/Time: Wednesday, May 8, 2019, 1:00 p.m. to 3:05 p.m.

Place: ODOT Region 1, 123 NW Flanders, Portland, rooms A/B

1:00 p.m. Introductions and Announcements

Kate Freitag (ODOT)/All

Introductions were made by attendees.

1:05 p.m.

Workshop Hour: TSMO Projects for Equity and Safety

The next round of TSMO projects will respond to the most important needs highlighted by voices from around the region in development of the 2018 RTP: climate, managing congestion, equity and safety. In this second workshop, we will connect policies to the types of TSMO projects that support equity and safety outcomes. Cliff Higgins will share equity actions, and Lake McTighe will share safety findings from the RTP. We will reference maps shared by Kim Ellis at the April meeting: <ftp://ftp.oregonmetro.gov/pub/tran/RTO/TransPort/> Ted Leybold will facilitate our discussion.

Cliff Higgins (Metro) /
Lake McTighe (Metro) /
Ted Leybold (Metro) /
(All)

Ted Leybold introduced Cliff Higgins, Metro Communications Manager who leads the transportation project public engagement process. Mr. Higgins presented regional perspectives in Advancing Racial Equity Through TMSO Investments (see presentation slides). He made the point that throughout history, government has had a role in systemic racism leading to policy change that puts extra responsibility on current investments to change outcomes. Mr. Higgins shared that decision makers agree on the usefulness of mapping data by key demographics with high-injury corridors and intersections. While this is at perhaps a higher level than individual TSMO project proposals, it is a good place to start.

Ted Leybold introduced Lake McTighe, Metro Senior Regional Planner and part of the region's vision zero task force. Ms. McTighe presented ITS and Safety: Regional Transportation Safety Strategy (see presentation slides), emphasizing the Safe System Approach when proposing projects to make progress towards zero transportation deaths. She shared that Metro is joined by ODOT (Oregon Transportation Safety Action Plan https://www.oregon.gov/ODOT/Safety/Documents/TSAP_2016.pdf), Clackamas County Drive to Zero Safety Action Plan, Washington County Safety Action Plan, cities of Beaverton, Hillsboro and Portland safety/vision zero plans. She noted that FHWA is also interested in these safety outcomes in federally funded projects. Shaun Quayle, Washington County, asked about the land use relationship in choosing modes. Ms. McTighe illustrated the changes travelers experience between urban town centers and other areas noting that centers need safe speeds supporting thriving downtowns accessible by pedestrians, bicyclists and transit riders. Other areas with higher volume, through traffic need separation of modes that safely support the different speeds cars and bikes are likely to travel. Mr. Quayle stated that reduced

living distance makes safe bike and pedestrians trips far more feasible. Peter Koonce, City of Portland, shared that street lighting should be considered for safety applications when considering safety goals with TSMO projects.

Ted Leybold kicked off the workshop exercise where groups sat at one of four tables: Clackamas, Multnomah, Washington or Regional/Planning. Each table had a large map of the region and focused in with highlighters and sticky notes to generate project ideas that would meet the four key outcomes: Equity, Safety, Climate and Congestion (see maps and regional list).

2:05 p.m.

Review Draft TSMO Project Application Guide and Forms

Metro staff are drafting a guide and forms based on TransPort discussions that include the information useful to evaluating TSMO project proposals. These include draft criteria for TransPort to consider (presentation and handout at the meeting).

Caleb Winter (Metro) /
(All)

Caleb Winter, Metro Senior Transportation Planner, shared a screen-view of the application form. He shared with TransPort that the materials are still under development and would be sent for their review in the weeks to come with a goal of having the materials final by early June. Mr. Winter walked through the application elements including developing a purpose and need statement, referencing plans and capability maturity, displaying the location, capturing agency and stakeholder information, sharing readiness information, estimating the scope schedule and budget, and assessing the outcome measures to be achieved by the project. The draft application form will be in excel and emulates some of the info on ODOT's Local Agency Technical Scope Sheet. The goal is to reduce the time and effort in carrying projects, if awarded TSMO Program funds, into the implementation process.

2:15

Portland and Partners' BUILD Grant Application

At the April TransPort, Portland invited partners to join in their application for federal funds through Better Utilizing Investments to Leverage Development (formerly TIGER). Find out what considerations Portland has made for advanced traffic signals and capabilities leading to mobility and safety outcomes. Has your agency considered related needs?

Willie Rotich (City of Portland) / Alison Tanaka (Kittelson and Associates, Inc.) / (All)

Willie Rotich, ITS Engineer with the City of Portland, said they hired Kittelson and Associates to develop their application to BUILD grant application with partners. Alison Tanaka, Senior Engineer at Kittelson and Associates, gave an overview of the BUILD application to improve signal assets, signal systems, install ITS equipment such as cameras and develop Automated Traffic Signal Performance Measures (ATSPM). The City of Portland welcomes other regional partners and has begun coordinating with Gresham and Washington County. Mr. Rotich and Ms. Tanaka invited interested agencies to meet after TransPort to discuss participation.

2:30 p.m.

2021-24 STIP Leverage and Fix-It Letter (action item)

TransPort reviewed key TSMO-related projects on the draft 100% list. The draft letter was revised (draft attached). TransPort Members will take action on sending the letter.

Kate Freitag (ODOT) / Caleb Winter (Metro) / (All)

Meeting notes: Chair Freitag shared that the draft letter of support (see meeting materials) had received comment from TransPort and was updated to reflect the input. She asked if there was any further comment. Peter Koonce asked that text change in the middle of the letter, referring ODOT STIP Fix-It and Leverage projects that affect signals to incorporate the low-cost, best practice of including Automated Traffic Signal Performance Measures (ATSPM) and signal retiming after a project, if project budget was still available toward the end of such projects. TransPort supported Peter's revision. Chair Freitag called for a vote, Shaun Quayle, Washington County, moved for TransPort to support sending the letter, Chair Freitag seconded it. TransPort Members present unanimously approved the sending the letter, with suggested revision (6 Pro, 0 against, 0 abstentions; TriMet was absent).

Chair Freitag noted that this was the first vote under the updated

TransPort Bylaws, giving Metro a chance to vote.

- 2:35 p.m. **Regional Traffic Signal System Update**** Willie Rotich (City of Portland) / Pam O'Brien (DKS) / (All)
- The Central Traffic Signal System, maintained by PBOT and used by agencies around the region, will be upgraded or replaced through a TSMO project. PBOT will review the schedule and provide a brief summary of user needs as they near the end of that milestone (attachments).*
- Pam O'Brien, DKS, reviewed milestones to date referencing the two meetings to define user needs (attached meeting materials). Ms. O'Brien asked that any agencies share any edits on user needs captured to date. DKS will begin documenting use cases among operators to capture stories of how the system is used day-to-day, for example, adding a new signalized intersection to the system. These use cases will be the subject of a July project meeting (date/location TBD). Ms. O'Brien said DKS had also collected a count of signal controllers in the field and 90% of them are not Advanced Traffic Controllers (ATCs) and there currently are a variety of controllers that would need to be supported by the new signal system. TransPort discussed that it would take at least 2 years for agencies to upgrade controllers.*
- 2:45 p.m. **'Round the Table Updates**** Kate Freitag (ODOT)/All
- Please provide your updates from your work and discuss any issues. We'll start with updates from:*
- [PORTAL](#) TAC (Stacy Shetler/Kristin Tufte)*
- Kristin Tufte, Portland State University, said the April Portal Users Group (PUG) included a presentation from Evan Yand, TriMet, on Elastic Search that is posted through PORTAL documentation: https://adus.github.io/portal-documentation/documents_pug/2019-04-16-pug-agenda/*
- PUG will meet May 15 with a presentation from Brandon Mitchell on ODOT Incident Data: <https://adus.github.io/portal-documentation/pug-agenda/>*
- Dr. Tufte is teaching a summer data science course and asked TransPort for student-led project ideas that could be part of this or*

future classes.

ITS Architecture Representative update: Mr. Rotich said there were no updates.

Central Signal System Users Group - Mr. Rotich referred to the earlier agenda item on this topic.

CTIC: Chair Freitag said that CTIC will meet May 15.

ITS Network: no updates

TIM Coalition: Caleb Winter, Metro, said the next meeting is scheduled for May 14 and agency staff who work on incident or emergency management should join. [The TIM Coalition has since rescheduled to May 29, 10:30am to noon (location TBD; contact Caleb Winter and Geoff Bowyer Geoffrey.L.BOWYER@odot.state.or.us for more info).

Shaun Quayle, on behalf of ITE Oregon's ITS Subcommittee, encouraged everyone to sign up for SensorAMA to be held May 16. More info: <https://www.oregonite.org/its-subcommittee-sensorama.html>

Mr. Quayle gave an update for Washington County, sharing that they are engaged in pilot test work with Miovision and Flir cameras for a pedestrian sensor study. Part of the pilot considers how to move massive amounts of camera-feed data through Washington County to their research partner, Oregon State University.

Tina Nguyen, Beaverton, shared that an adaptive signal system is going in on Allen Boulevard from SW Murray Blvd to SW Western Ave (an ARTS project). Several fiber projects are done in Beaverton, on SW Hall and Beaverton Hillsdale Highway.

Jim Gelhar, Gresham, reported that their Variable Message Sign is complete and they are beginning work on their travel time project.

Bikram Raghubansh, Clackamas County, said they are installing eight ATC controllers by this fiscal year, installing 22 quad cameras (fixed camera per approach), 12 pan-tilt-zoom (PTZ) cameras throughout the County, and two fiber projects along 82nd Drive and Oatfield Rd

that will start this summer. He reported that 82% of County owned traffic signals are connected via fiber optic and this number will increase over 90% by end of this year. Mr. Raghubansh also said that the County will widen Sunnyside Road bridge over I-205, a 2-year plus project that will temporarily disrupt adaptive signals. They are also working with Lake Oswego on Boones Ferry Road project that will extend fiber communication and bring online 5 ATC controllers.

Chair Freitag reported that ODOT led a kick-off meeting of the Oregon Smart Mobility Network, having won an ATCMTD grant to support the work. Nathaniel Price, FHWA, said that he was in talks about the grant announcement delay and related match implications. He was optimistic FHWA would come to a positive conclusion in the weeks to come that would keep the project on track.

3:00 p.m. Adjourn

Kate Freitag (ODOT)

Chair Freitag adjourned the meeting at 3:05pm.

Meeting notes respectfully submitted by Pamela Blackhorse and Caleb Winter, Metro.