MEMORANDUM

DATE: March 6, 2019

TO: Bend TSP TTT Policy Workgroup

FROM: Adrian Pearmine

SUBJECT: Bend Transit/TDM/Technology Work Group

INTRODUCTION

As part of the ongoing support for the Bend Transportation System Plan update, additional outreach and education has been identified for policy work groups (CTAC Subcommittees). This memo provides a bibliography and summary of material assembled for the policy work group focusing on Transit, Transportation Demand Management (TDM) and Technology. In this case, Technology is largely referring to a focus on the new technologies associated with mobility, including Connected and Autonomous Vehicles, Shared Vehicles (including car share and ride share) and micromobility (electric bike share, electric scooters, etc.)

TRANSIT

Metro 2018 Regional Transportation Plan Regional Transit Strategy

Brief Description & Summary

The original document is part of the Portland Metro Area's 2018 Regional Transportation Plan, specifically the Regional Transit Strategy portion. This 146 page document (which includes a 13 page Appendix) provides a comprehensive assessment of the Portland Metropolitan Area's transit priorities from the perspective of Metro, the Metropolitan Planning Organization (MPO). Metro serves more than 1.5 million people in the Washington, Multnomah, and Clackamas counties. As an MPO, Metro coordinates and plans investments in the transportation system for the three-county area, working with cities, counties, and transportation agencies to decide how best to invest federal highway and public transit funds within the service area.

The briefing material provided for review is an excerpt of the policy statements provided in this plan and has been reduced to 17 pages. While Metro's plan includes modes that are not available in Bend, many of the higher level policies from the MPO's perspective may still provide a starting point for Bend to consider.

Briefing Material: [Metro Transit Strategy Policy](#))

For more detail, the entire document can be found at:
https://www.oregonmetro.gov/sites/default/files/2018/07/02/RTS-Public-Review-DRAFT.pdf

TriMet New Mobility Study: Strategic Business Review

Brief Description & Summary
Prepared by TriMet, Portland's regional public transit system, in 2018 as the first phase of strategic analysis of how the transit agency and their partners at the City/MPO should prepare for partnering with other new mobility providers, such as car share, ride share and micromobility companies. This was not a formal document and was not adopted by TriMet's Board. It should be considered as advisory only.

The original 73 page document has been truncated down to 39 pages for the briefing review. Key recommendations are summarized on page 39 under **Conclusions and Call to Action**. Pages 10-20 provide good context around new emerging services such as Mobility as a Service (MaaS), Mobility Hubs, Data Exchange and other topics.

Briefing Material: [TriMet New Mobility Final Report June 2018](#)

Original document is not currently available online, but can be provided by TriMet.

TRANSPORTATION DEMAND MANAGEMENT

Transportation Demand Management (TDM) Plans for Development

Brief Description & Summary of Material
This 25 page document was prepared in 2013 for ODOT and the Transportation Growth Management program as a guide that "contains background information about TDM, a step-by-step approach for local governments interested in implementing a TDM Plan program, and model code language compatible with the Model Development Code for Small Cities."

Briefing Material: [TDM Plans for Development](#)

For more detail the entire document can be found at:
https://www.oregon.gov/lcd/Publications/TDMPlans_for_Development_2013.pdf

TECHNOLOGY (NEW/SMART MOBILITY)

Austin Strategic Mobility Plan

Brief Description & Summary of Material
In 2018, the City of Austin, Texas produced a draft of their Strategic Mobility Plan, a new long-term, city-wide transportation plan to guide transportation decisions for the next 20+ years. It has elements that

cover all of the new mobility topics that the City of Bend will want to consider across all Policy Work Groups, as well as specific areas of New and Smart Mobility that are the focus of this work group.

For these reasons, the Policy Sections of the strategic plan are available in a brief presentation for both the entire plan (to be shared with all Policy Groups) as well as the Smart Policies for the Policy Work Group.

Briefing Material: Austin Smart Policies Only and Austin Full Strategic Mobility Plan Policies

For more detail, the entire document can be found at:
https://austintexas.gov/asmp and pdf version
https://austintexas.gov/sites/default/files/files/Transportation/ASMP/ASMP_Policies_Phase_III_Engagement_-_English.pdf

Accessible version of entire document with full language including Performance indicators:
http://www.austintexas.gov/sites/default/files/files/Draft_ASMP_Full_document_Low_format_version.pdf

Shared Micromobility Playbook

Brief Description & Summary of Material
Produced by Transportation for America (T4America), in collaboration with 23 cities, to help cities think about how to best manage shared micromobility services like dockless bikes, electric scooters, and other new technologies rapidly being deployed in urban areas across the country. Overall, the report looks at micromobility in several areas: General Provisions, Operations, Equipment and Safety, Parking and Street Design, Equity, Communications & Community Engagement, Data and Metrics.

While currently only available in online format, two key areas have been prepared in downloadable PDF format for the briefing materials, including Data and Metrics.

Briefing Material: Shared Micromobility Playbook

For more detail the entire document can be found at: http://playbook.t4america.org/

Guidelines for the Regulation and Management of Shared Active Transportation

Brief Description & Summary of Material:
This 2018 document from the National Association of City Transportation Officials (NACTO) provides "guidance for cities and public entities as they look to manage and regulate Shared Active Transportation Companies that are not otherwise managed through competitive procurement processes or contracts… [and the] guidance is divided into broad categories: policy areas where cities should be in alignment and places where policy should be decided at a local level."

The original 40 page document has a primary focus on bike share programs, with some additional language on electric bikes and scooters. The briefing materials have been excerpted down to 20 pages,

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with key draft/example Policy language on pages 7-9, and the local consideration language (with examples and pros/cons) making up the last 11 pages of the document.

Briefing Material: NACTO Shared Active Transportation Guidelines -- Policy Only

For more detail, the entire document can be found at: https://nacto.org/wp-content/uploads/2018/07/NACTO-Shared-Active-Transportation-Guidelines.pdf

PBOT Connected and Autonomous Vehicles: Administrative Rule and Policies

Brief Description & Summary of Material:
The City of Portland and the Portland Bureau of Transportation (PBOT) have developed and adopted policy language and new Administrative rule language around Connected and Autonomous Vehicles. Under a program that PBOT calls the Smart Automated Vehicle Initiative (SAVI), the agency has shared a number of documents including these two key policy documents. The SAVI website can be found at: https://www.portlandoregon.gov/transportation/73493

The Portland 2035 Transportation System Plan adopted in May 2018 includes the SAVI AV Policy language starting on page 35. The AV policy language itself has been extracted to two pages in the briefing materials and the AV Administrative Rule, which has been adopted by City of Portland is also included as a 7 page document.

Briefing Material: PBOT Connected and Autonomous Vehicle Administrative Rule and PBOT Connective and Autonomous Vehicle Policy

For more detail, the entire document(s) can be found at:

https://www.portlandoregon.gov/transportation/article/690969

https://www.portlandoregon.gov/transportation/article/643814

https://www.portlandoregon.gov/citycode/article/678602