

DATE: May 3, 2023

TO: Chair Ramos and Transportation and Mobility Commission members

CC: Eric Holmes, City Manager, City Manager’s Office

FROM: Kate Drennan, Principal Transportation Planner, Community Development Department
 Tom Brennan, Nelson\Nygaard Consulting
 Stephanie Wright, Nelson\Nygaard Consulting

RE: **Transportation System Plan Performance Measures**

Introduction

The Transportation System Plan (TSP) is a set of policies, programs, and capital projects that implement Vancouver’s transportation vision. The focus of this memo is the evaluation framework and performance measures created to monitor the progress towards achieving the goals outlined in the TSP. The TSP will adopt a set of policies and programs that will be implemented through the comprehensive plan update, street standards update, subarea plans, concurrency, and TIF, for example. The goal is to both introduce new policies and programs and deliver them within mechanisms and processes already in place. Monitoring and reporting on the progress made by the City towards achieving the goals of safety, equity, climate, transportation choice, regional connectivity, and maintaining our assets within the TSP requires the creation of an evaluation framework and performance measures, as well as establishing a cadence of reporting out on these performance measures.

Overview/Preview

The goals of the TSP are safety, equity, climate, transportation choice, regional connectivity, and maintaining our assets. Each goal has related performance measures to progress and outcomes.

Figure 1 Transportation System Plan Goals



Performance Measures

Performance measures for the TSP will monitor progress toward desired outcomes. Understanding the progress toward achieving the goals outlined in the TSP will require capturing qualitative and quantitative measurements of key performance indicators. To enable performance measurement, the Project team has identified evaluation

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criteria to capture and report out progress updates for the projects, programs and policies supporting the goals of the TSP. The framework uses both citywide and corridor specific performance metrics to serve as the link between overarching Plan goals and implementation. This allows the City to measure the degree to which the corridor investments support City-wide priorities.

What Makes a Good Performance Measure?

Performance measures for the TSP must be measurable, with data that can be collected for evaluation purposes. The performance measure must be clear and specific. Performance measures should align with regional measures already in place. Because the Transportation System Plan will be in place for 20 years, the performance measure should be monitored over the lifecycle of the Plan. Performance Measures should be applicable across projects, as with the Complete Streets Evaluation framework, performance metrics help the project team understand how investments have supported the project goals, and how they support the greater goals of the TSP.

Action, Timeline, Next Steps

The project team is bringing the TSP Goals Performance Measurements for the purpose of gathering feedback and vetting the approach to evaluating progress towards TSP vision and goals. Each of these goals will be a supporting component of the larger transportation system plan that guides City investment.

Contact Information

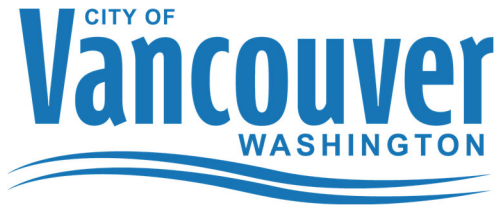
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Attachment(s):

TSP Performance Measures Table

TMC Presentation



MEMORANDUM

Vancouver TSP Performance Measures by Goal

Table 1 Transportation System Plan Goals Performance Measures

Goal	Measure	Metric	Target direction (up or down)	State of Washington Greenhouse Gas Metric	City of Vancouver Climate Action Framework	State of Washington Traffic Safety Performance Management Required Performance Measures	Data Source	How frequently will it be measured?
Safety	Reduce the number and severity of all crashes	- Number of fatal and serious crashes per year - Percent change in fatal and serious crashes	D			X	- WSDOT	Annually
	Reduce the number and severity of ped/bike crashes	- Number of fatal and serious ped/bike crashes per year - Percent change in fatal and serious ped/bike crashes	D					

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	Complete projects with known safety benefits on high-crash corridors and intersections	- Number of safety projects on high-crash corridors	U			X	- COV Public Works	Annually
Equity	Invest transportation dollars in high Equity Index areas	- Percent of paving project annual mileage in high Equity Index areas	U		X		- COV Equity Index analysis (US Census ACS data) - COV Public Works	Annually
	Make walking/rolling more accessible	- Number of ADA-compliant curb ramps added or retrofitted - Number of accessible pedestrian signals (APS)	U				- COV Pavement Management Program - COV Public Works	Annually
Climate	Reduce emissions	- Vehicle Miles Traveled	D	X	X		- Streetlight or similar source; potential to align with RTC vendor decision.	Annually
	Plant new trees	- Number of new trees planted	U					
Transportation Choice	Increase the number of people using active transportation	- New walking trips (% change) - New biking trips (% change)	U	X	X		- US Census ACS Table B08301: Means of Transportation to Work (block group), and/or Streetlight or similar source (bicycle trips by block group). - Optional: count data collection (e.g., automated counters, manual counts).	Annually

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	Provide low-stress small mobility facilities	- Miles of new small mobility lanes/facilities - Miles of improved new small mobility lanes/facilities with buffers/protection	U	X	X	X	- COV GIS database	Bi-Annually
	Increase the coverage of pedestrian facilities	- Miles of sidewalk infill or repair - % of pedestrian facilities that are low stress	U	X	X	X	- COV GIS database	Bi-Annually
Regional Connectivity	Increase transit use	- Transit ridership	U	X	X	X	- CTRAN ridership data	Annually
	Expand the walking and rolling network to connect Pedestrian Corridors and Pedestrian Centers	- Number of newly marked or enhanced crossings meeting City's pedestrian crossing policy guidelines along Pedestrian Corridors and in Pedestrian Centers	U	X	X	X	- COV GIS database	Bi-Annually
	Ensure efficient freight movement	- Freight corridor travel times on designated freight corridors	Same				- COV GIS database - Concurrency program	Annually
Maintaining Our Assets	Keep pavement in good condition	- Miles of rehabbed pavement - Percent of lane miles in good condition	U				- Pavement Management Program	Annually