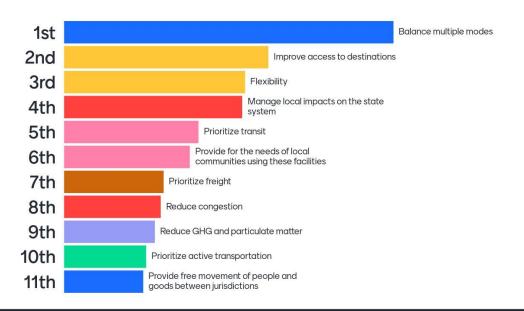


Steering Committee - Prioritized Objectives

What are the most important objectives we want to achieve with a level of service standard update?





Steering Committee - Balancing Competing Tensions

If you had to choose, how would you balance these:





Current alternatives in draft HSP

- Context-based multimodal LOS, which puts vehicle mobility on par with other modes, and uses a safe systems approach,
- VMT-based approach, which adopts VMT reduction as the primary assessment metric for each project; or
- A hybrid combination of the above two alternatives.

https://wsdot.wa.gov/sites/default/files/2023-11/HSP-2024Update-PublicReviewDraft.pdf

VMT reduction proviso; final report

GHG emission and VMT do not conform to geographic boundaries. Strategies should be at the regional or plan level and not project level. Similarly, there was support for plan-level evaluation (e.g., RTP), but not for project-level evaluation. (p.28)

WSDOT | Vehicle Miles Traveled (VMT) Targets -Final Report | June 2023



VEHICLE MILES TRAVELED (VMT) TARGETS – FINAL REPORT

June 2023

https://wsdot.wa.gov/sites/default/files/2023-06/VMT-Targets-Final-Report-June2023.pdf

Roger Millar, Secretary of Transportation

Norene Pen, Interim Director of Multimodal Planning and Data Division



What WSDOT already does:



Factor	Criteria				
Land Use	Land uses within ½ mi of roadway				
Density	Housing units / acre				
Density	Jobs / acre				
Density	Intersections per sq. mi.				
Density	Typical building height				
Setback	Typical building setback				
Setback	Parking (on street or off street)				

Ch. 1102 Context determination

https://wsdot.wa.gov/engineering-standards/all-manuals-and-standards/manuals/design-manual



Potential path forward

- Modify Context and Modal Accommodation Report to MMLOS
 - Not an index
 - Could include VMT as an additional measure
- Measures
 - Motor vehicles / freight: LOS
 - Additional consideration for freight
 - Ped/Bike: Level of Traffic Stress
 - Transit: Frequent Service level or another index, access, or any of the others Public Transportation already has available.

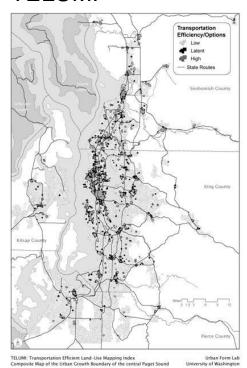


AASHTO designations

Green Book 1-6		Rural			Urban					
SmartCode (2000)/ ITE/CNU (2000)	Natural	Rural		Suburban		General Urban	Urban Center	Urban Core	Special District	
Massachusetts (2006)	Rural Natural	Rural Developed	Rural Village	Low Density	Town Cent	er High Density	Urban Residential	Urban Park	Commercial Business District	
Pennsylvania/New Jersey	sey Rural		1	Suburban Neighborhood	Suburbar Corridor		Town/Village Neighborhood	Town/Village Center	Urban Core	
California (2016)	Natural	Developing	Rural Main Street	Suburban Low Density Suburban High Density		Urban Low Density Urban High Density				
Florida (2007)	Natural	Rural	Rural Town	Suburban Resi	dential Sut	burban Commercial	Urban General	Urban Center	Urban Core	Special District
Minnesota (2018)	Natural	Rural	Rural Crossroad	Suburban Resi	dential Sul	burban Commercial	Urban Residential	Urban Commercial	Urban Core	Industrial Warehouse
Green Book 7/ NCHRP 855	Rural		Rural Town	Suburban		Urban		Urban Core		
Oregon (2019)			Rural Community	Suburban Fringe	Suburbar Residentia Corridor	el Commercial	cial Urban Mix		Downtown/ Commercial Business District	
Washington (2019)		Rural		Suburban			Urban		Urban Core	
AASHTO TCGD (2019)	Rural & Natural Areas		Rural Town	Suburban		Urban		Urban Core	Industrial, Warehouse or Port	
Maryland (2019)	R	ural	Traditional Town Center	Suburban Suburban		Activity Center	Urban Center	Urban Core		
Pennsylvania (2020)	R	ural	Rural Town	Suburban		Urban		Urban Core	4	
NCHRP 15-72 (2021)			Rural Town	Suburban		Urban		Urban Core	Special Context	
1	7							COLL		

Other Washington efforts

TELUMI

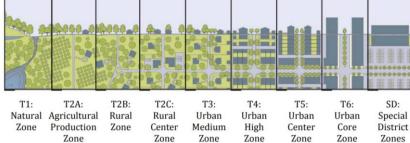


Research Sponsored by the Washington State Department of Transportation

PSRC



King County



 $\label{lem:https://kingcounty.gov/-/media/depts/permitting-environmental-review/dper/documents/growth-management/comprehensive-plan-2010/d frameworktransect.ashx?la=en$

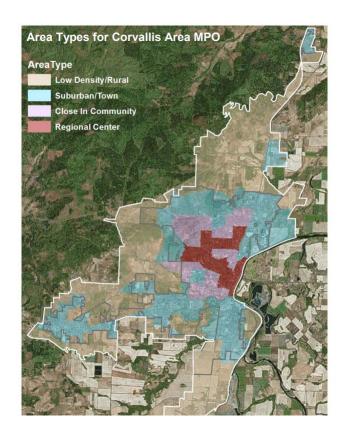
Oregon Place Types

		Destination Accessibility							
		High	Med	Low	Very Low				
De	High	Regional Center	Close in Community						
Design	Med			Suburban/Town					
	Low Very Low								
Density	Very Low	Low Density/Rural							

https://www.oregon.gov/odot/climate/Documents/PlaceType_Flyer.pdf

https://www.arcgis.com/home/webmap/viewer.html?webmap=85702ffb346f4b8db5b7bddf05c6e0e1&extent=-125.4726,40.5731,-115.9035,47.0185

 $\frac{\text{https://epa.maps.arcgis.com/home/webmap/viewer.html?webmap=137d4e5122494}}{80c980e00807562da10}$





Next steps

- Definition of locations and mapping (ongoing)
 - Continue with four types within the transect?
 - Some criteria easier than others for automated state-wide map.
 - Agreement on cutoff between locations.
- Technical Advisory Group
- Return to you (and others)

