

# Sample "Tier 2" Evaluation Matrix: What Have We Learned? (Draft 10/2)

Work with John  
 - create template  
 group  
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## Maintain/Improve Transportation Performance

Objective	Improve Travel Times on I-5 (Mainline Performance)						Improve Travel Times to I-5 (Arterial Performance)			Maintain/Reduce Congestion				Promote Transportation Choices					
	Portland to Vancouver			Portland to Salmon Creek			Key Employment Locations to I-5 <sup>1</sup>			I-5/I-205 Lane Miles Congested	Highway/Arterial Lane Miles Congested	Study Area Vehicle Hours of Delay		Study Area			From Downtown Portland/Vancouver		
	Transit	SOV/Truck	HOV	Transit	SOV/Truck	HOV	Transit	SOV/Truck	HOV			Autos	Trucks	Transit	SOV	HOV	Transit	SOV	HOV
	Minutes (PM Peak)	Minutes (PM Peak)	Minutes (PM Peak)	Minutes (PM Peak)	Minutes (PM Peak)	Minutes (PM Peak)	Index TBD <sup>2</sup>	Index TBD <sup>2</sup>	Index TBD <sup>2</sup>	Percent of Total Miles (PM Peak)	Percent of Total Miles (PM Peak)	Total Hours During 7 hr. Peaks	Total Hours During 7 hr. Peaks	Percent of All Trips (PM Peak)	Percent of All Trips (PM Peak)	Percent of All Trips (PM Peak)	Percent of All Trips (PM Peak)	Percent of All Trips (PM Peak)	Percent of All Trips (PM Peak)
Measure																			
Decision Point/Option																			
Baseline 1B																			
New west Arterial Road																			
Commuter Rail																			
Express Bus to Expo																			
Express Bus to Downtown Portland																			
LRT to Clark College																			
LRT Loop																			

<sup>1</sup> List locations here  
<sup>2</sup> Parisi/Schulte considering

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## Maintain/Improve Transportation Performance (Continued)

Objective	Enhance Public Safety <sup>1</sup>		Improve Travel Reliability				Impacts on Other Highways and Streets (Spillover Traffic)	Ability to Cross Columbia River			
	Number of Traffic Conflict Points	Impacts on Emergency Vehicles/ Incident Management	Exclusive Miles of ROW		Qualitative Index??	Dollar Cost of Bridge Delay	Rush Hour Traffic on Highways/Streets Near I-5	Transit	SOV	HOV	Trucks
			Transit	HOV							
Measure	As Determined By Traffic Engineers (e.g., Difficult Merges)	Index TBD <sup>2</sup>	Miles	Miles	Index TBD <sup>3</sup>	Dollars <sup>4</sup>	Total Number of Autos and Trucks at Selected Screenlines (PM Peak)	Number of Persons Crossing River (PM Peak)	Number of Vehicles Crossing River (PM Peak)	Number of Vehicles Crossing River (PM Peak)	Number of Vehicles Crossing River (PM Peak)
Decision Point/Option											
Baseline 1B											
New West Arterial Road											
Commuter Rail											
Express Bus to Expo											
Express Bus to Downtown Portland											
LRT to Clark College											
LRT Loop											

<sup>1</sup> List locations here

<sup>2</sup> Parisi/Baker to develop qualitative indicator

<sup>3</sup> Parisi/Baker to develop qualitative indicator accounting for exclusive ROW, redundancy of routes (bridges), duration of rush hour congestion (at multiple places)

<sup>4</sup> Baker researching methodology

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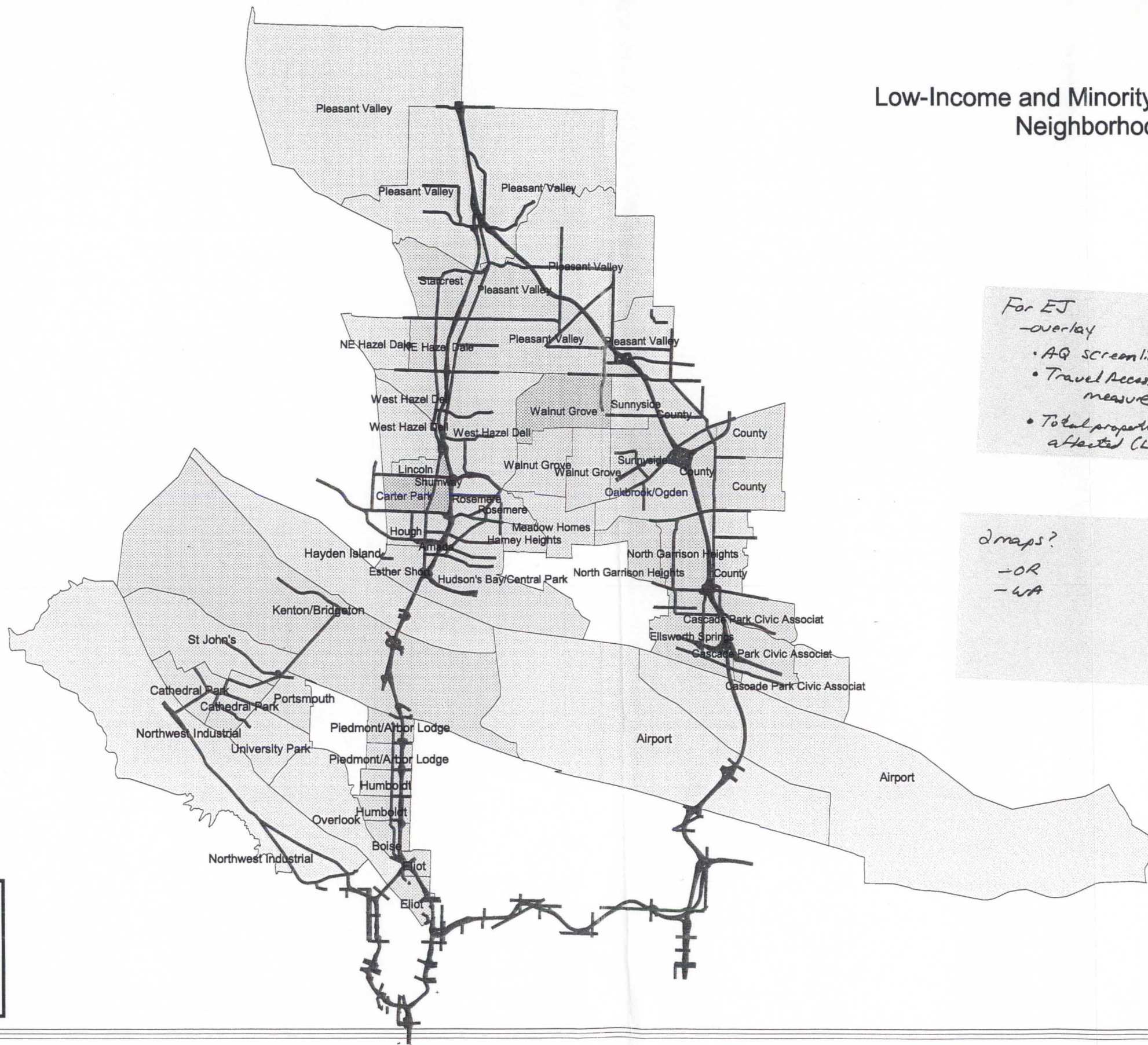
## Impacts to Local Land Uses (and maybe Regional Trade?)<sup>1</sup>

Objective	Avoid Impacts to Local Land Uses						Intentionally Blank				Intentionally Blank			
	Displacements Likely			Property Encroachments										
	Residential	Commercial/ Industrial <sup>2</sup>	Public, Open, and Rural Space	Residential	Commercial/ Industrial <sup>2</sup>	Public, Open, and Rural Space								
Measure	Parcels	Parcels	Parcels	Parcels	Parcels	Parcels								
Decision Point/Option														
Baseline 1B														
New West Arterial Road														
Commuter Rail														
Express Bus to Expo														
Express Bus to Downtown Portland														
LRT to Clark College														
LRT Loop														

<sup>1</sup> See separate Matrix listing historic/cultural resources likely to be impacted. See also separate maps describing potentially impacted water resources and endangered species habitat.

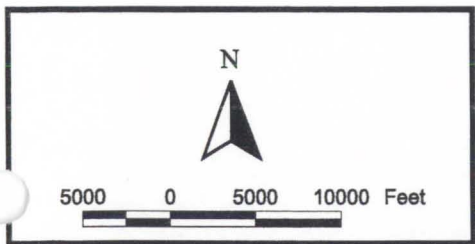
<sup>2</sup> Includes mixed-uses.

# Low-Income and Minority Population by Neighborhood



For EJ  
 -overlay (LS)  
 • AQ screenlines  
 • Travel Access measure (DP)  
 • Total properties affected (LH)

2 maps?  
 -OR  
 -WA



	Major Roads
Neighborhood	
	Low Income
	Minority
	Minority/Low Income
	Neither Low-Income nor Minority