

### **Overview - Purpose**

- Ped/Bike Subcommittee identified need to revise evaluation criteria as part of 2045 Active Transportation Plan process
- Increase applicability of evaluation criteria to active transportation projects
- Anticipation of active transportation projects becoming eligible for CMAQ funding
- Align with current focus of service area members
  - Safety
  - Equity
  - Geographical Equity
  - Connectivity



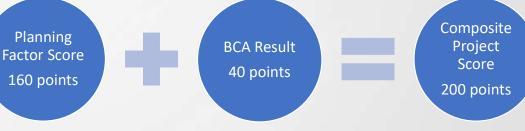
#### **Overview - Process**

- Ongoing collaboration engagement
- Ped/Bike Subcommittee
  - April 15, 2021
  - April 29, 2021
  - June 17, 2021
- Ped/Bike Subcommittee TIP Project Prioritization Workgroup
  - April 20, 2021
  - April 21, 2021
  - April 28, 2021
  - April 30, 2021
  - May 3, 2021
  - May 11, 2021
  - May 12, 2021
  - June 1, 2021
  - June 9, 2021



#### **Overview - Recommendations**

- Scoring split 80% planning factors and 20% Benefits Cost Analysis (BCA)
- Caveat that at least 65% of available TASA (Category 9) funds are designated solely for active transportation infrastructure projects
- CMAQ set-aside amounts:
  - CMAQ funds less than \$45 million, then at least 15% set aside for active transportation projects
  - CMAQ funds greater than \$45 million, then at least 20% set aside for active transportation projects
- Planning factors updated
- BCA revisions



### Overview - Planning Factors

- Consistent usage of publicly available tools (e.g. H-GAC's ACE tool, etc.)
- Overall Categories:
  - Connectivity (including Planning Coordination) 39% (Max 62 points)
  - Safety 25% (Max 40 points)
  - Equity 24% (Max 39 points)
  - Barrier Elimination 8% (Max 13 points)
  - Innovation 4% (Max of 6 points)
- Total of 14 questions
- Focus today is on the revised sliding scale of points for multiple
   Planning Factors that were previously yes/no (presence/absence)



# Planning Factors – Proposed New Gradient Scoring

		Does the project provide safe and convenient routes across			
		barriers (e.g. freeways, high			
	Barrier	use roads, wide roads,	Yes - Eliminates freeway,		
1	Elimination	railroads, waterways, etc.)?	railroad, or waterway barrier	13	GIS mapping
			Yes- Eliminates wide road or		
			high use road barrier	9	
			Yes - Provides more direct		
			route	5	
			No	0	



# Planning Factors – Proposed New Gradient Scoring

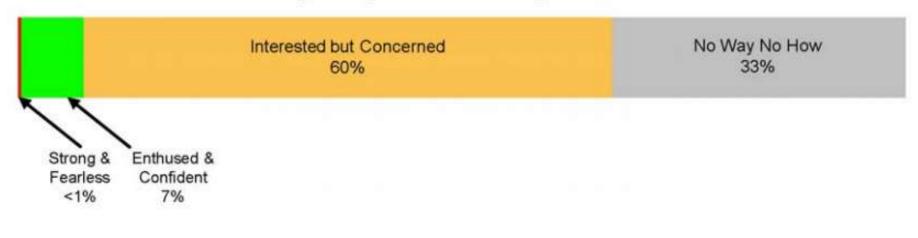
3	Connectivity	Will the project improve ADA accessibility, functionality, and comfort?	Yes - Improves ADA functionality and comfort		Project scope and design
			Yes- Improves ADA functionality or comfort	8	
			Yes - Improves ADA accessibility Yes - Meets federal ADA	_	
			requirements	4	



## Planning Factors – How is comfort defined?

### Four Types of Transportation Cyclists in Portland

By Proportion of Population



Source: Four Types of Cyclists retrieved from Microsoft Word - Four Types of Cyclists updated 2009.doc (portlandoregon.gov)



## Planning Factors – Examples of improving comfort and functionality

- For the full 12 points:
  - Comfort is defined similar to high comfort bike facilities in general whereas at least 60% of the population would feel safe using the facility (the "interested but concerned group").
  - Bike Facility Examples: fully supports safe and comfortable use of ADA accessible bicycles (e.g. pedal assist, wheelchair accessible bikes, recumbent bikes, etc.), ADA bike parking, ADA accessible mechanic stations, audible signals/ADA signals, etc.
  - Pedestrian Facility Examples: fully supports safe and comfortable use
    of two or more mobility devices being able to pass safely, audible
    signals, extra crossing time, seating, ease of access to adjacent
    properties, textile demarcations, textile/audible wayfinding, etc.)



# Planning Factors – Examples of improving comfort or functionality

- For the 8 points "Improves ADA functionality or comfort": This would be targeting those facilities with medium comfort or the "enthused and confident" users. The improvements would increase the use of the facility by vulnerable populations.
- For the 6 points "Improves ADA accessibility": This would be more than the bare minimum of meeting federal requirements but not significantly increasing the ease of using the facility by vulnerable populations.
- For the 4 points "Meets federal ADA requirements": This means the project meets the bare minimum features required by the ADA



# Planning Factors – Proposed New Gradient Scoring

		Is there local support for the				
		project or is it part of a			H-GAC ACE	
		regional or local plan (e.g.			Tool or LCN	
		Livable Centers Study,			Tool or letters	
		Complete Communities Study,			of support or	
		Long Range Transportation			voter	
		Plan, neighborhood strategy,	Yes - Part of a plan, and		approved	
		voter approved bond, Vision	identified funding source,		bond or	
		Zero, Safe Routes to School, or	and letters of support. Has		reference	
4	Connectivity	similar safety goals, etc.)?	identified funding source.	15	document	
			Yes - Consistent with plan			
			and letters of support	12		
			Yes - Letters of Support			
			only	10		
			No	0		
4	Connectivity	similar safety goals, etc.)?	Yes - Consistent with plan and letters of support Yes - Letters of Support only	12 10	document	

# Planning Factors – Proposed New Gradient Scoring

8		Yes - Three (3) or more safety elements incorporated into project	14	Project scope
		Yes - Two (2) or less safety elements incorporated into project	7	
		No	0	



# Planning Factors – Proposed New Gradient Scoring

14	Innovation	Will this project implement innovative ideas that will improve regional connectivity and access (e.g. bike highway network, technology, etc.)?	Yes - Implements completely new innovative ideas that has regional impact		Supporting documentation
			Yes - Implements completely new innovative ideas that has local impact	5	
			Yes - Adopts existing innovative ideas applied in other locations outside of the region	3	
			No	0	



## Planning Factors – Proposed Keeping Original

						H-GAC ACE
						Tool, LCN Tool,
						Bikeway/Sidew
			Will the project connect to			alk Viewer
			an existing ped/bike	Yes - Connects to a ped/bike		Mapping, GIS,
2	Connectiv	vity	facility?	facility	12	etc.
				No	0	
			s the project actively reduce			Supporting
9a	Safety	crash	nes in those locations?	Yes	13	documentation
				No	0	



### **Questions?**



