

Transportation Connectivity Gaps Analysis

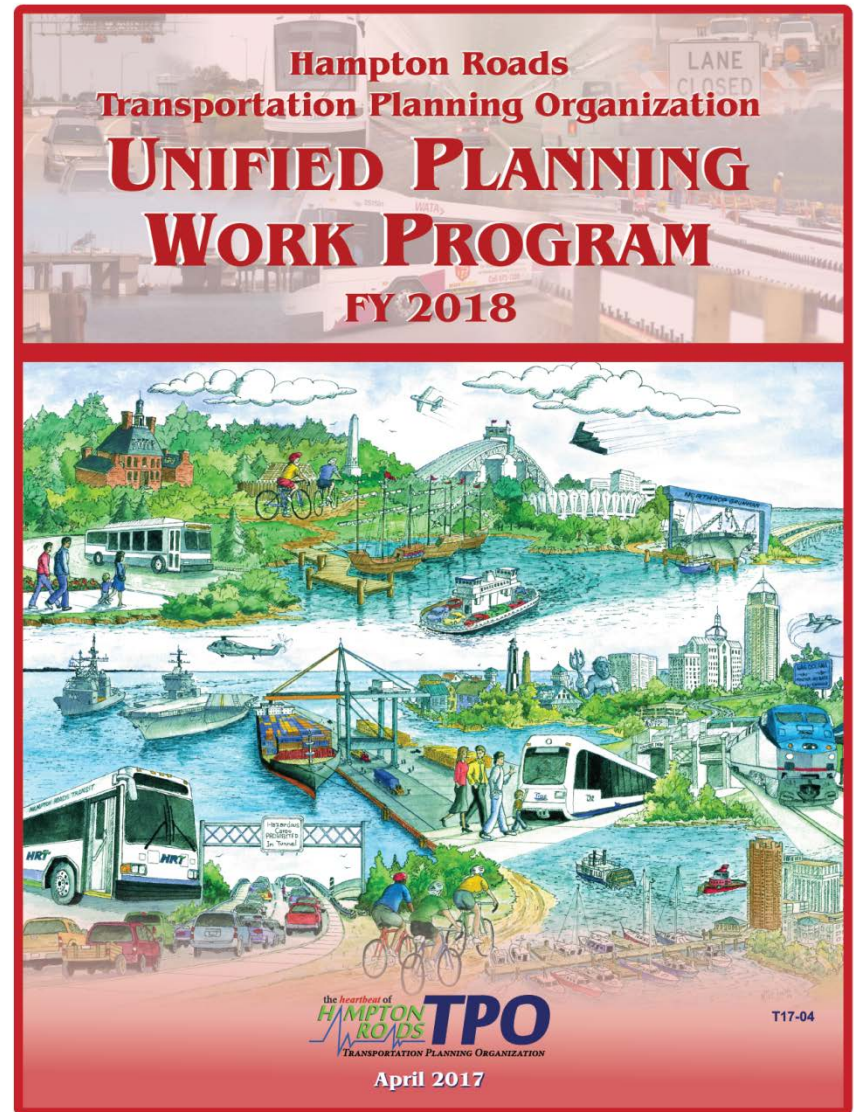
Presented to the Long-Range Transportation Plan Subcommittee
February 7, 2018

Theresa K. Brooks, Transportation Engineer III

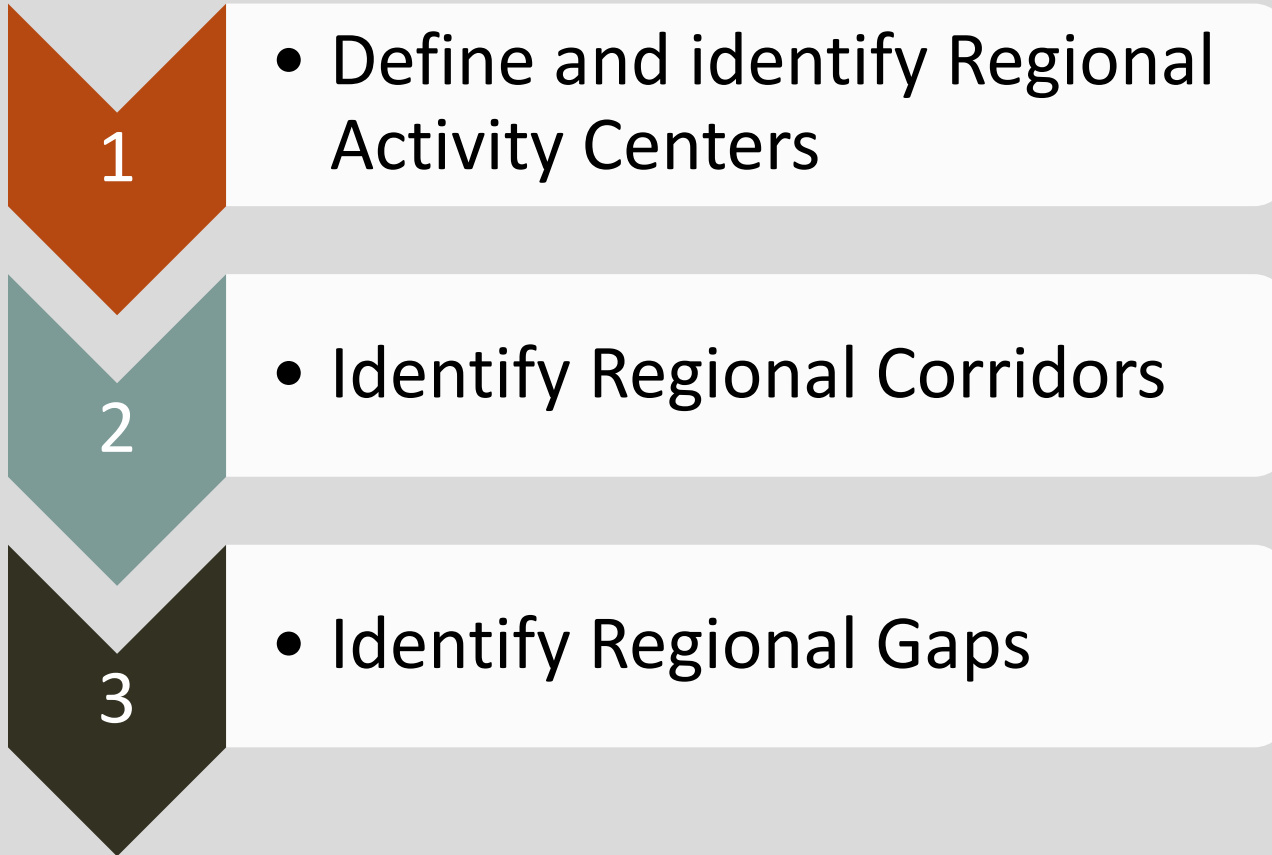
Background

Purpose:

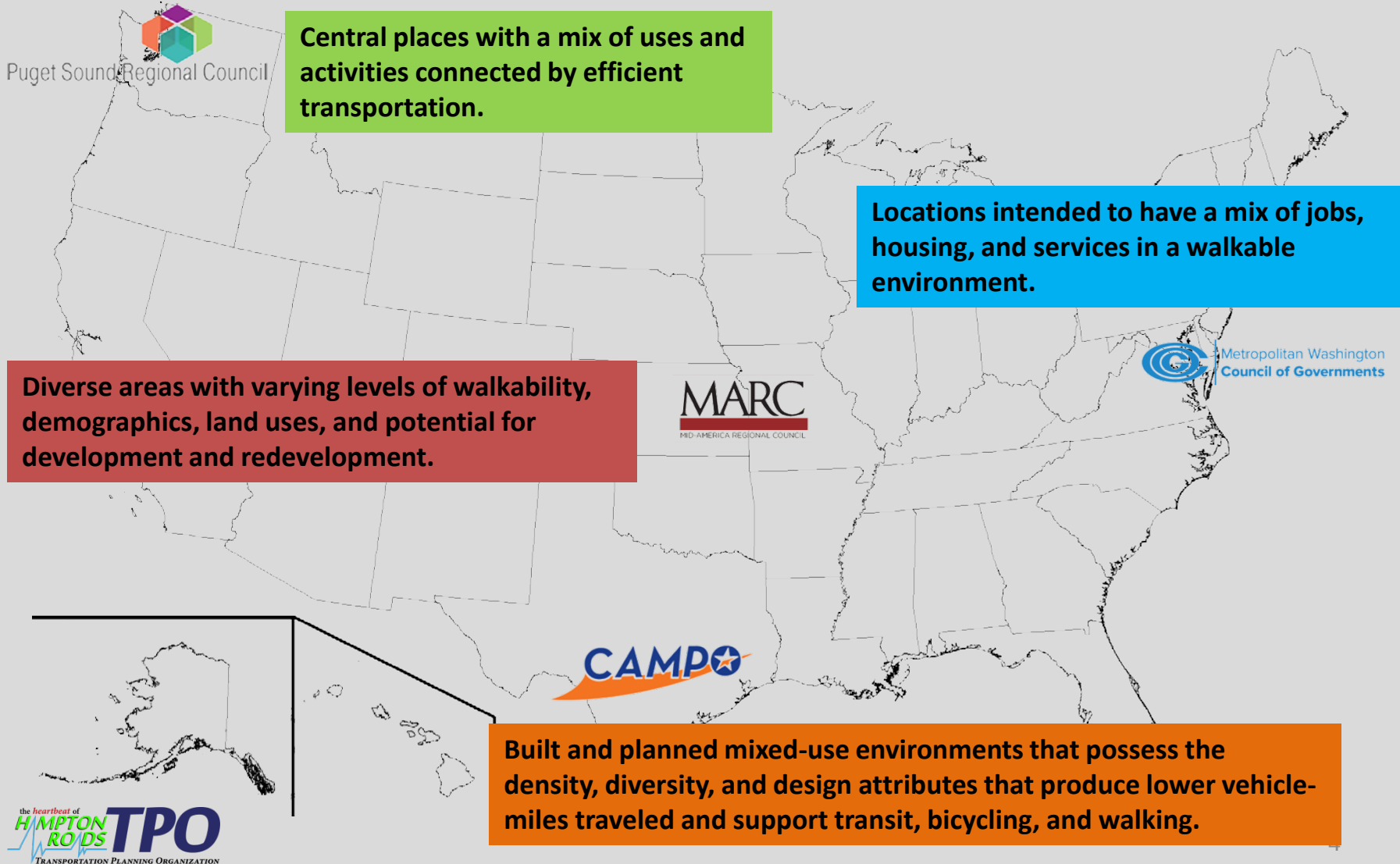
To address transportation corridor **connectivity** between transportation **modes** in order to improve mobility and access to major activity centers in the Hampton Roads region.



Methodology



Defining Regional Activity Centers



Defining Regional Activity Centers

Potential Characteristics

Mixed Land
Use

High
Employment
Density

High
Population
Density

?

Identify Activity Centers

Examples:

- Parks/Recreation
- Large Employment Centers
- Schools/Colleges/Universities
- Tourist Attractions
- Major Transit Hubs
- Others



Identify Activity Centers

Active Transportation Subcommittee Meeting

- January 26, 2018
- Subcommittee members identified activity centers on maps



Identify Activity Centers

Methodology

- Establish activity center inventory
- Apply quantitative and qualitative screening criteria
- Identify activity center clusters

Activity Center	XX Employees or More*	2 or More Land Use Type within 1/4 mile	Located Near Key Transportation Corridor	Others?
Location 1	1500	Yes	No	
Location 2	185	No	No	
Location 3	2356	No	Yes	
Location 4	961	Yes	Yes	

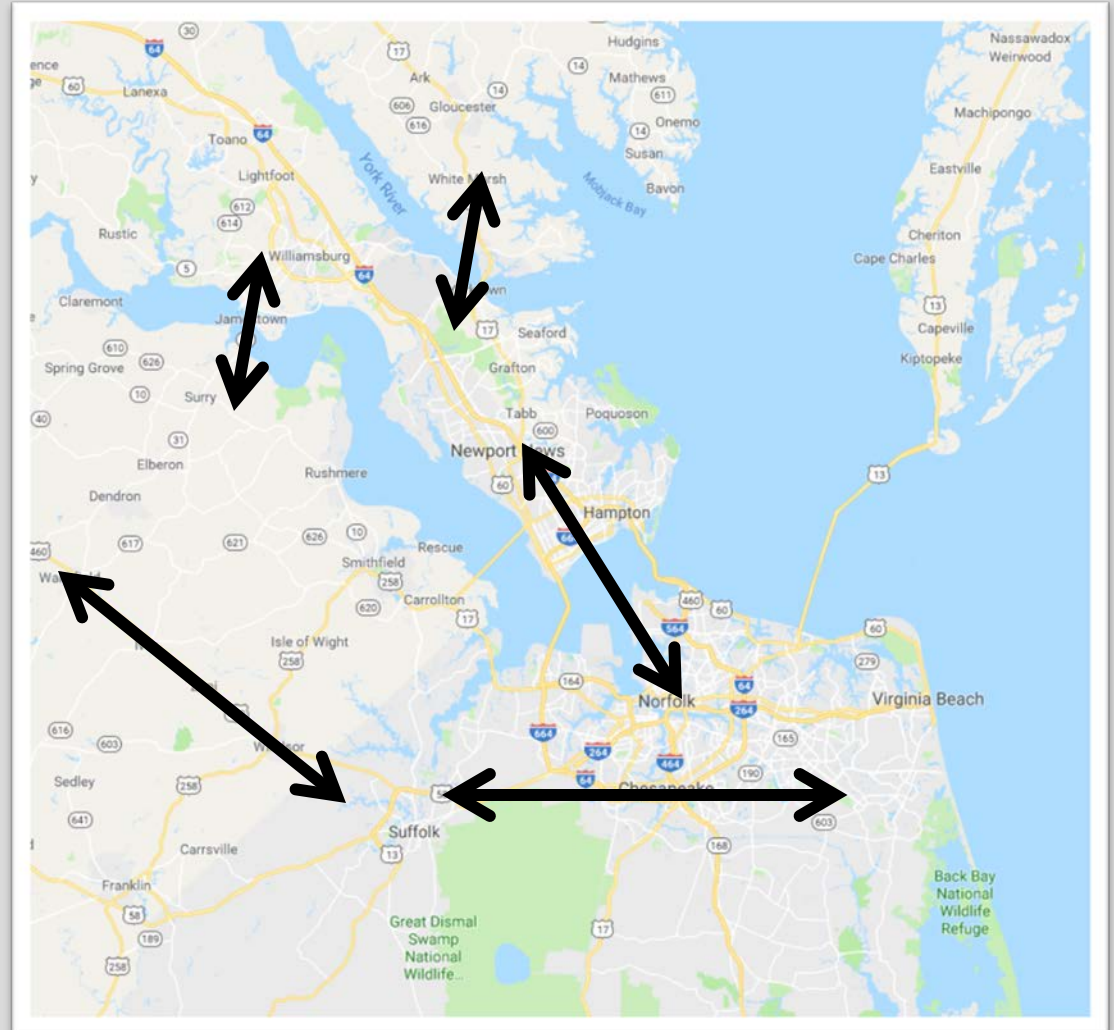
* May need to use different value for rural localities

Identify Regional Corridors

Identify corridors that connect to the activity centers.

Where do we start?

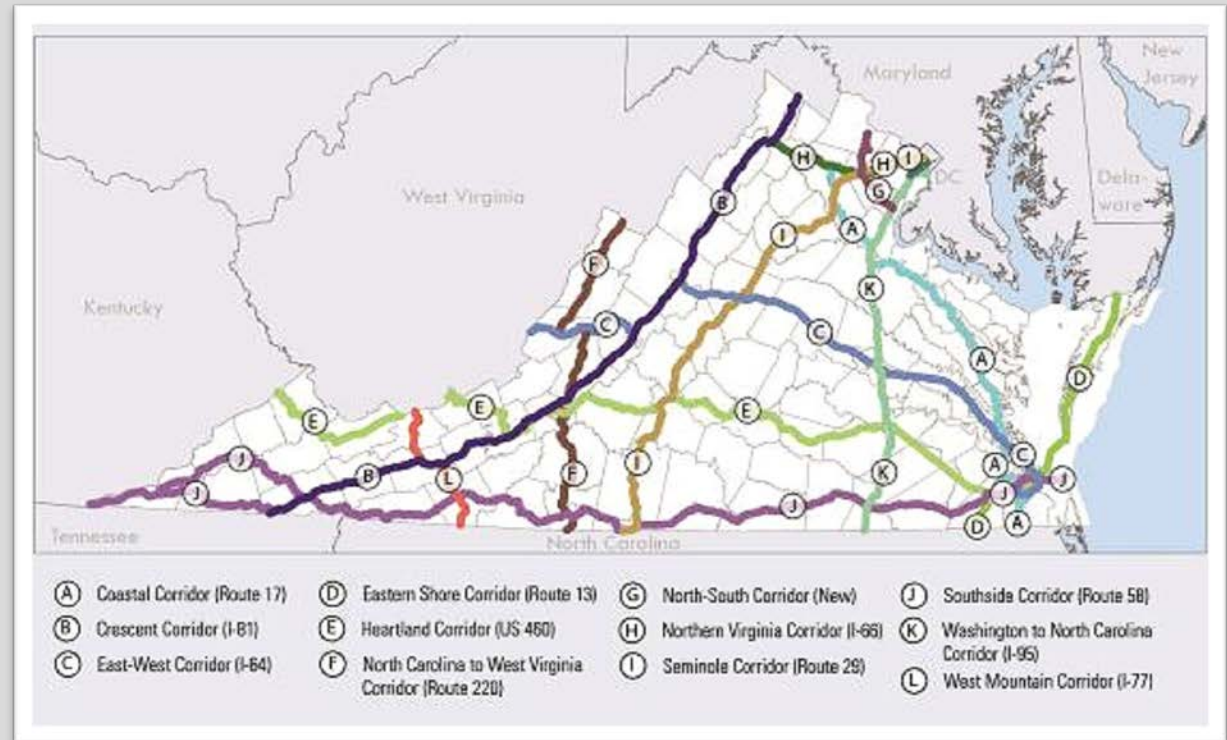
Are there corridors that capture the major movements of the region?



Identify Regional Corridors

Methodology

- Highlight key transportation corridors
 - Corridors of Statewide Significance (CoSS)
 - Parallel/alternate routes to CoSS



Identify Regional Corridors

Methodology

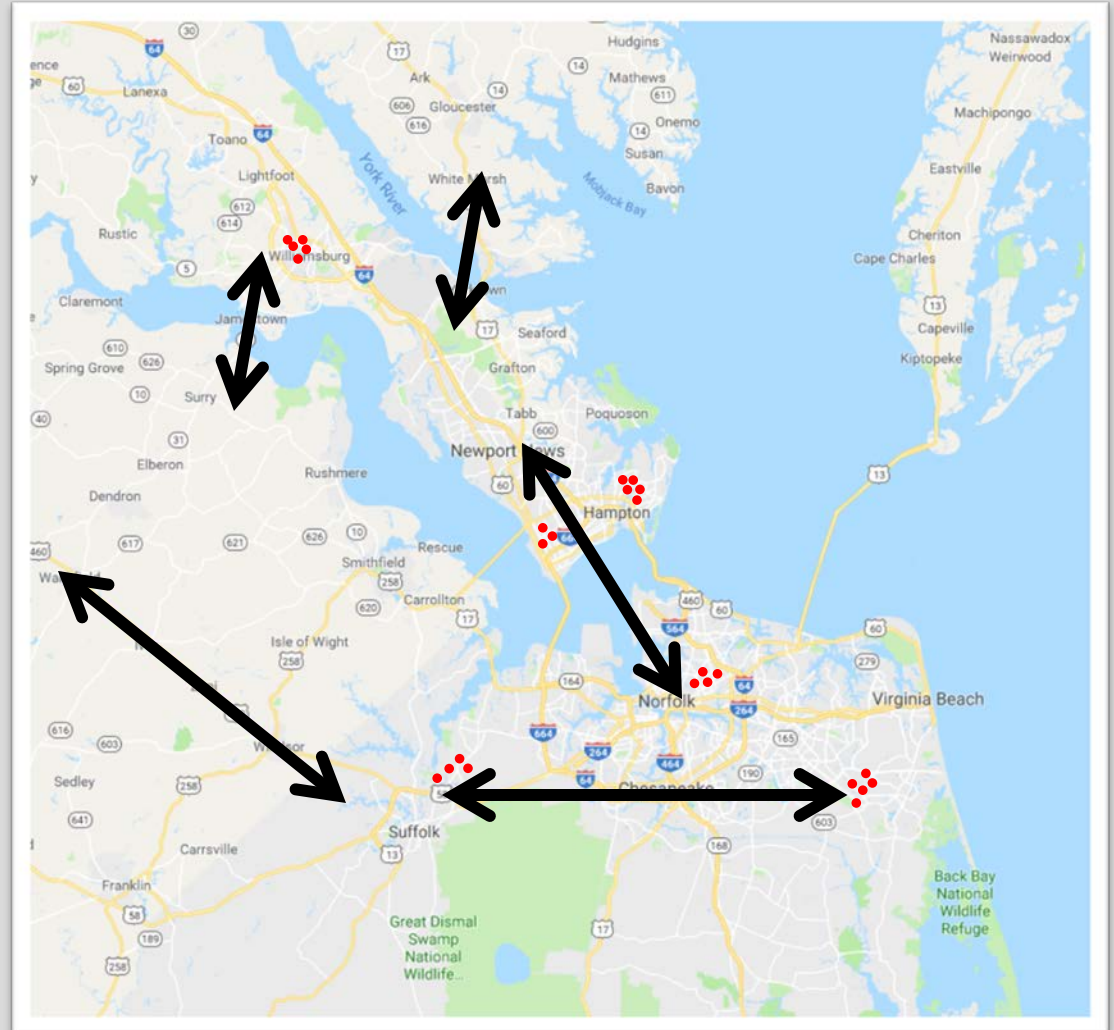
- Establish corridors inventory
 - Starting with CoSS and parallel/alternate routes
- Apply screening criteria

Corridor	Directly Connects 2 or More Cities, or 2 or More Communities with XX Population Density*	Connects to XX Activity Center Clusters	Supports alternate transportation facilities	Others?
Corridor 1	Yes	Yes	No	
Corridor 2	No	No	Yes	
Corridor 3	No	Yes	Yes	
Corridor 4	Yes	Yes	No	

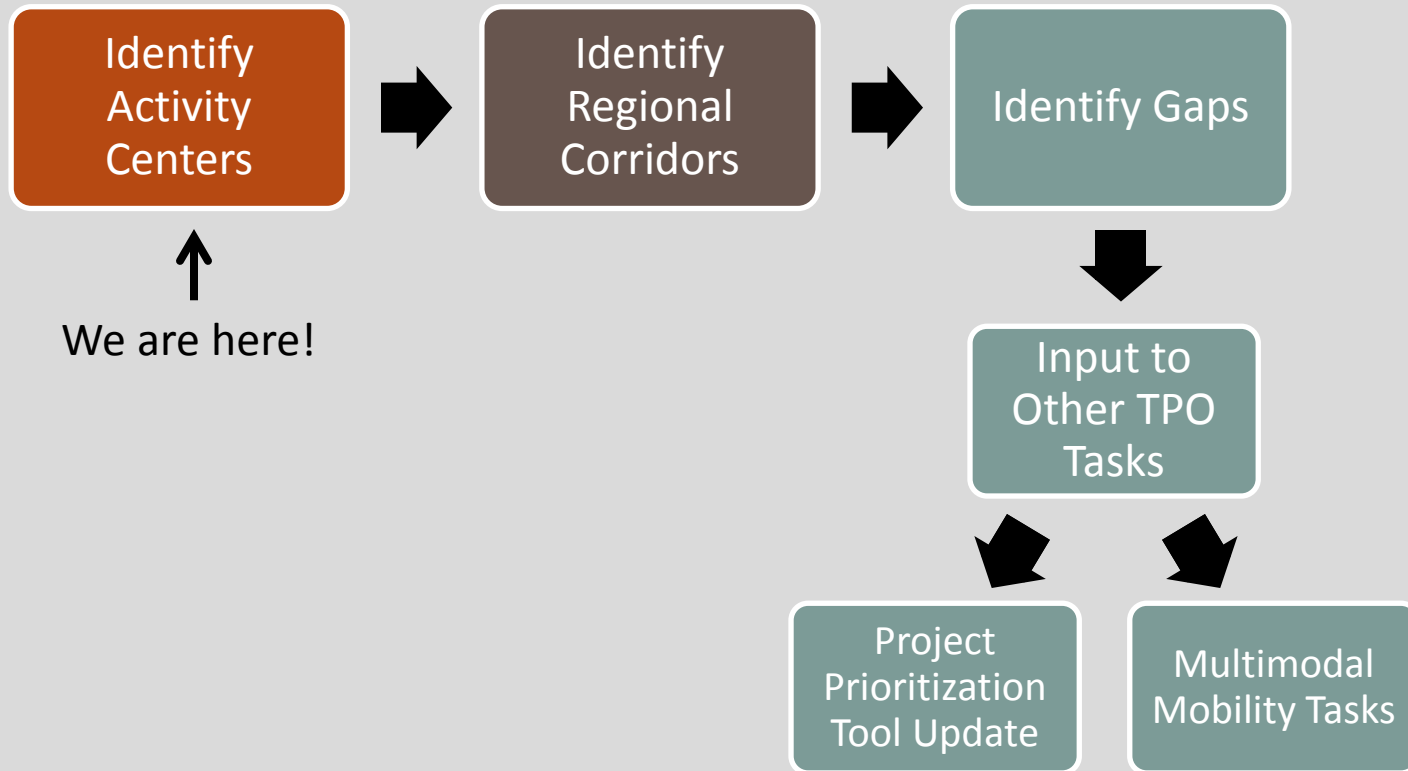
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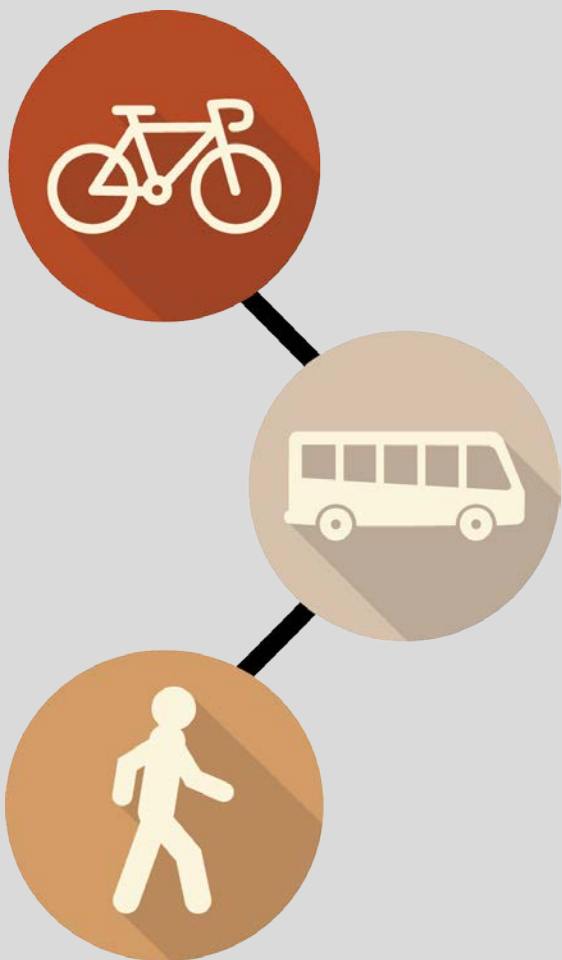
Identify Gaps

- Non-driver perspective
- Focus on
 - Apparent gap
 - Efficiency of network



Next Steps





Please provide comments to tbrooks@hrtpo.org by COB February 21, 2018.