HIGH-CAPACITY TRANSIT (HCT) LOCAL TRANSIT ACCESS STUDY

Final Steps to Completion

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TPB Technical Committee March 1, 2024



Agenda

- Study Purpose
- Analyzing HCT
- Layers of Graphical Analysis
- Final Steps

Web Application:

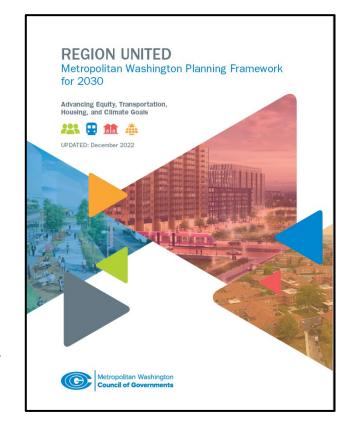


bit.ly/46KqTOV



Study Purpose

- Build on previous TPB and COG work on High Capacity Transit (HCT) locations
 - Part of the COG Region United framework
 https://www.mwcog.org/about-us/cog-board-and-priorities/2030-framework/
- Analyze local bus transit services to HCT stations and related access issues:
 - Operating agencies, HCT riders per station, bus trips per day, and major destinations served
 - Connections to other HCT stations, to regional Activity Centers outside HCTs, and HCT stations in COG's Equity Emphasis Areas (EEAs)
 - Assess current and planned HCT station accessibility and any needs for improved access



Analyzing HCT

- Contextualize HCT with analyses of:
 - Accessibility
 - Connectivity
 - Transit service
 - Population/employment density
 - Projected growth
- Identify and prioritize station-level needs





Layers of Graphical Analysis



- Visualizes average travel time to the nearest HCT station
- Highlights gaps in infrastructure and transit

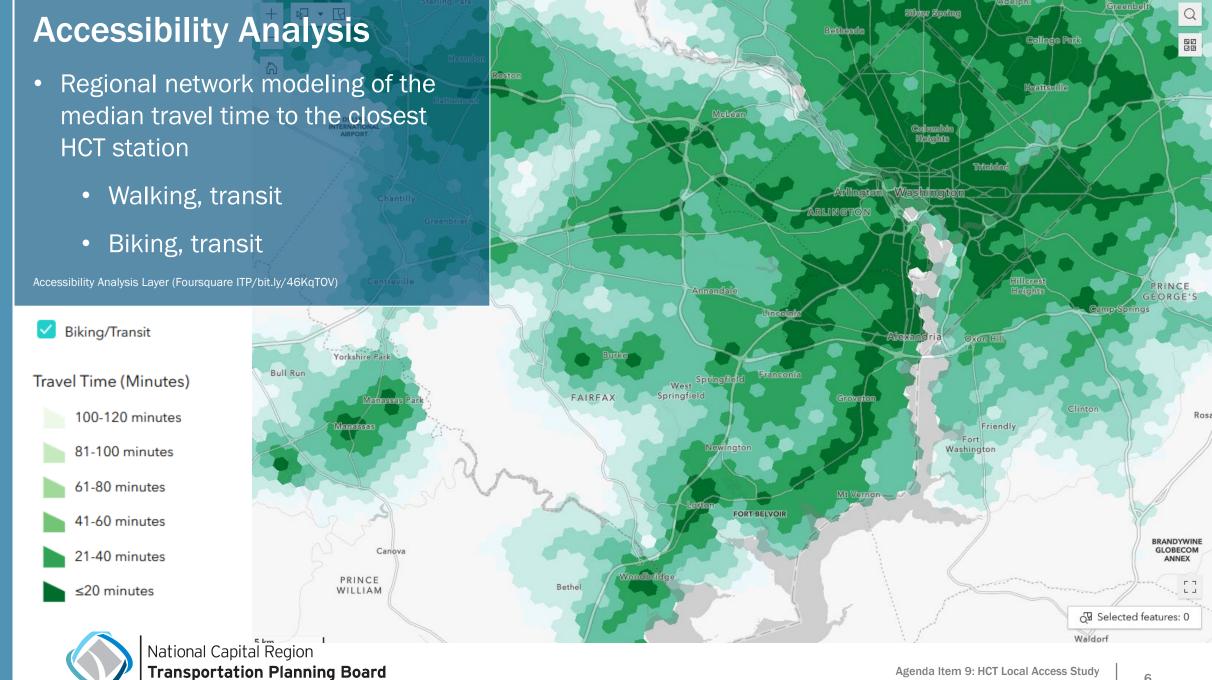


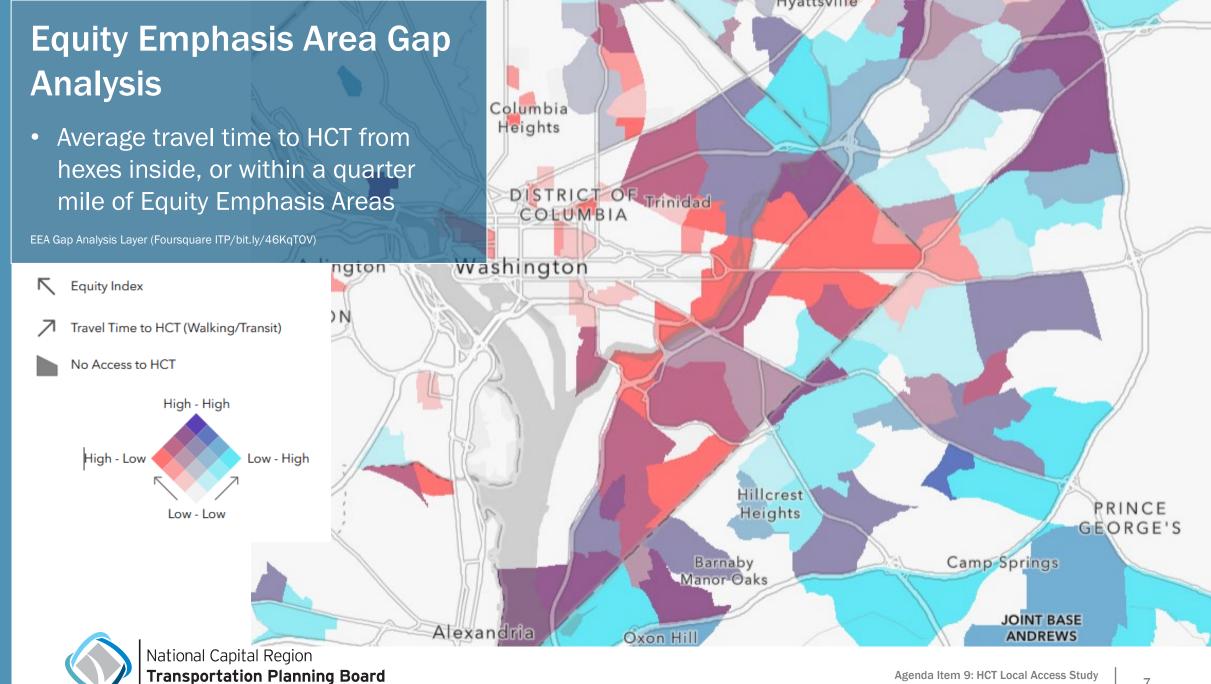
- Defines level of service and people and destinations served by each HCT station
- Informs station-level needs and facilitates development of context-dependent solutions

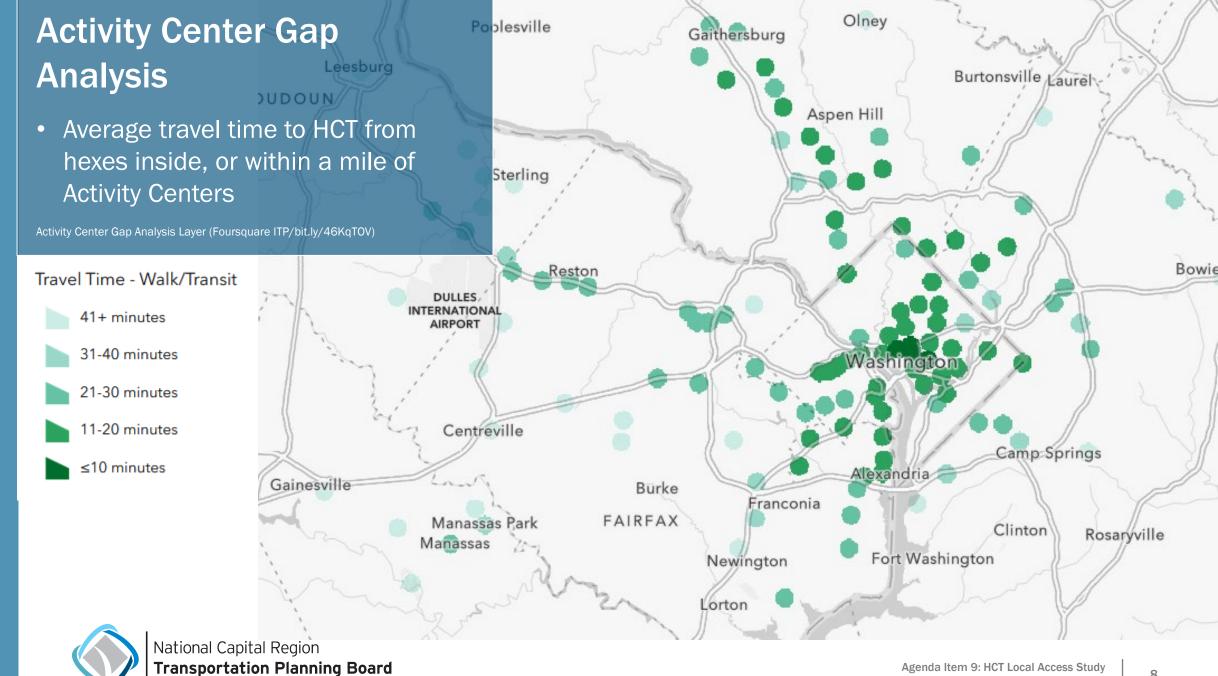


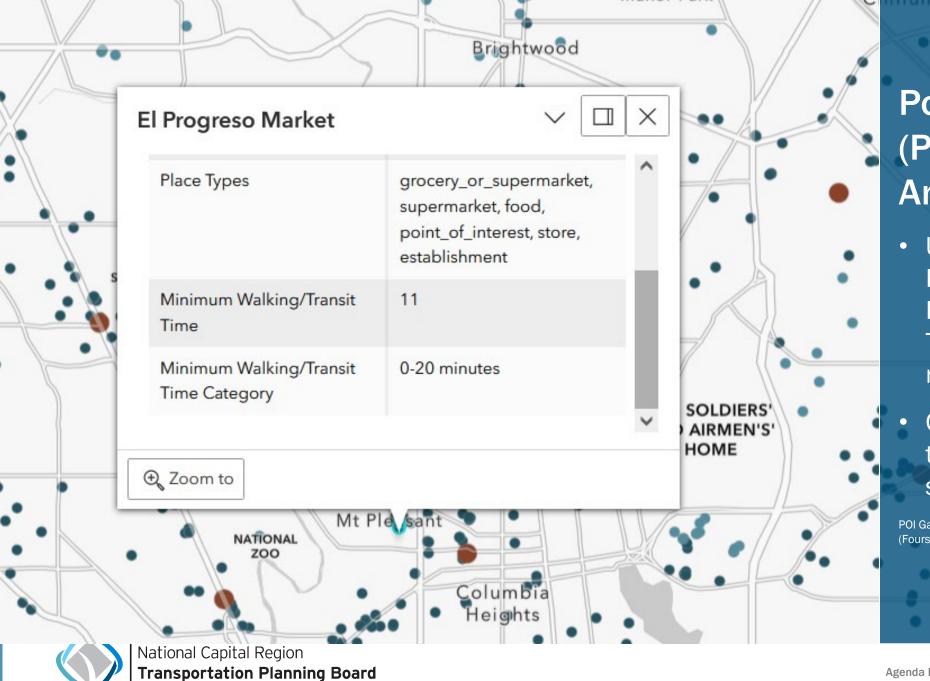
- Explores suitability of connections between equity emphasis areas and activity centers
- Provides framework for Points of Interest (POI) based accessibility analysis and ultimately the identification of new/improved connections











Points of Interest (POI) Gap Analysis

- Using the Google
 Places API, identified
 POI throughout the
 TPB region within five
 miles of HCT
- Calculated travel time to the closest HCT station

POI Gap Analysis Layer (Foursquare ITP/bit.ly/46KqTOV)

Final Steps

- RPTS work session on the webmap and toolkit scheduled for February 27
- Consultant team (ICF and Foursquare ITP) completing incorporation of revised Cooperative Forecast land use Round 10.0 data
 - Anticipated completion by March 15
- Final products will then be distributed to Technical Committee and RPTS members



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