



Washington Metropolitan Area Transit Authority

Connecting Communities through Walkable Station Areas

TPB Bicycle & Pedestrian SubCommittee
May 19, 2015

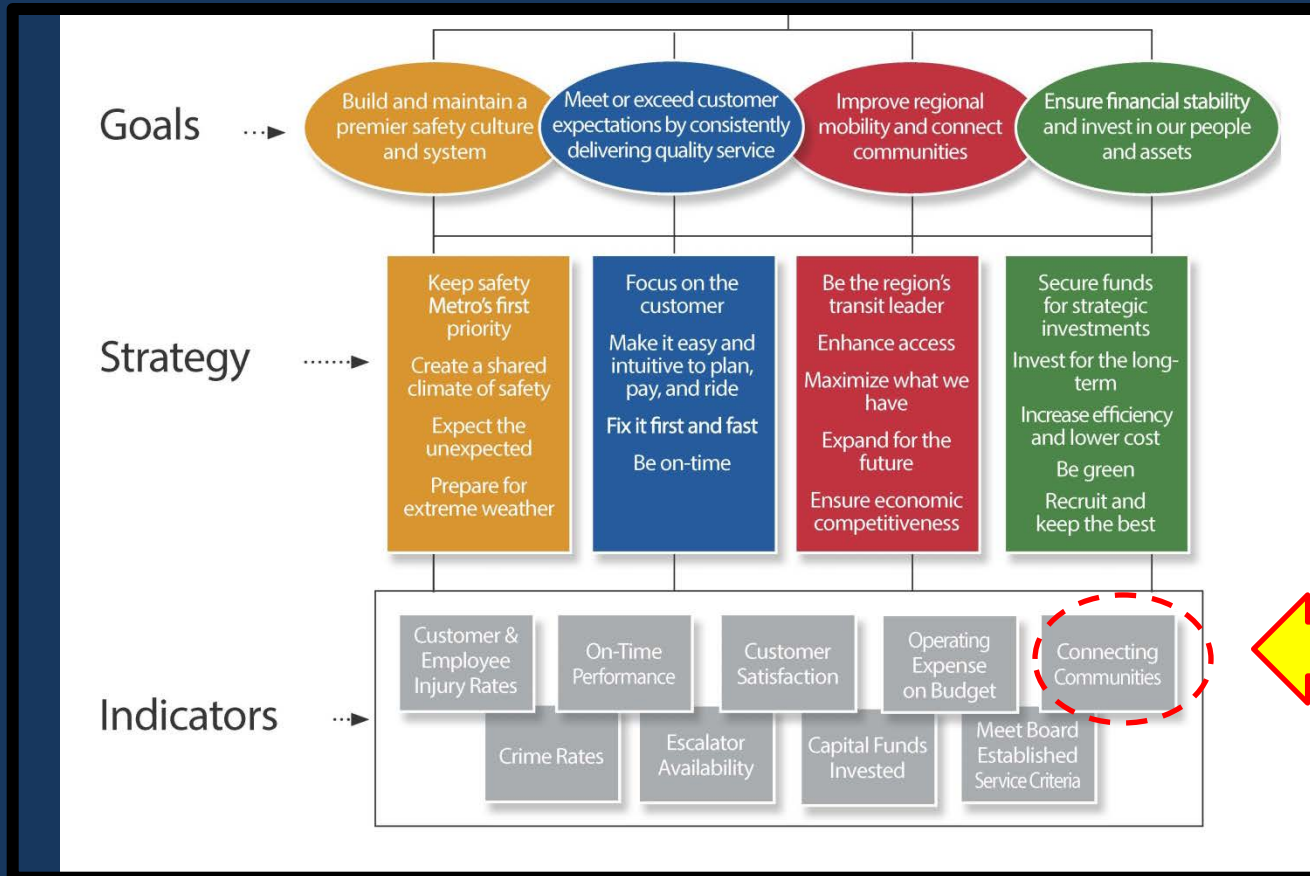


Agenda

- Metro's Connecting Communities Key Performance Indicator (KPI)
- Walkshed Research
- Station Area Strategic Investment Plan



Metro's Strategic Goal Framework





Why Connecting Communities Matters

- Access to Metro means access to opportunity
- Concentrating growth near transit maximizes use of regional infrastructure
- Connecting communities to transit attracts more ridership
- More ridership contributes to lower carbon footprints





How Does this KPI Operate? Three Pathways

Grow Near Transit

- Transit-oriented development
- Zoning
- Planning



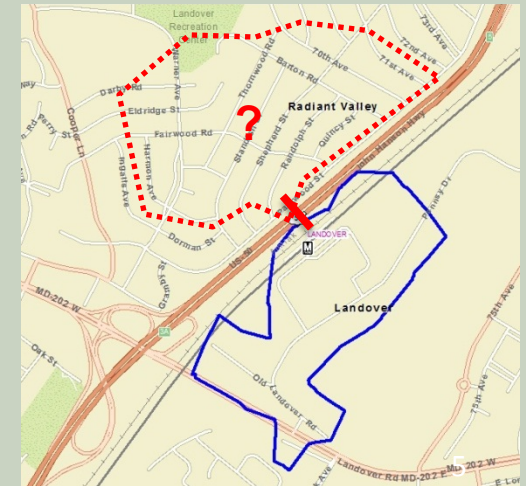
Expand Transit

- Expand bus routes
- Build new Metrorail lines and stations



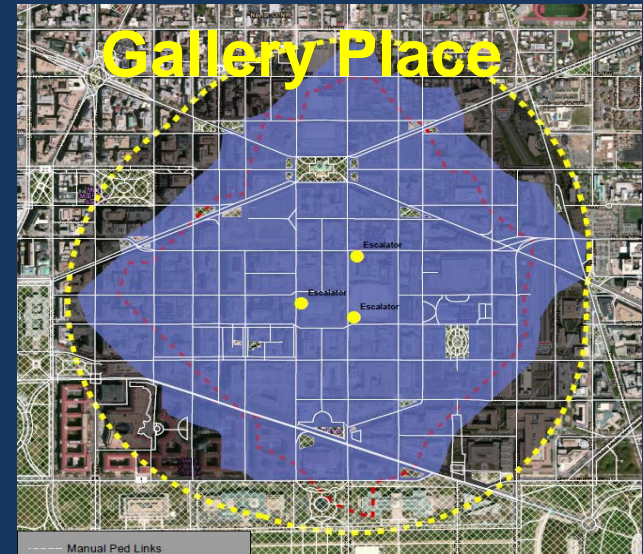
Improve Access to Your Stations

- Fix pedestrian barriers
- Build paths and sidewalks



Re-Defining Station Walk Sheds

- Defined as walking distance:
 - ½ mile from rail station
- Accounts for actual network – not as crow flies



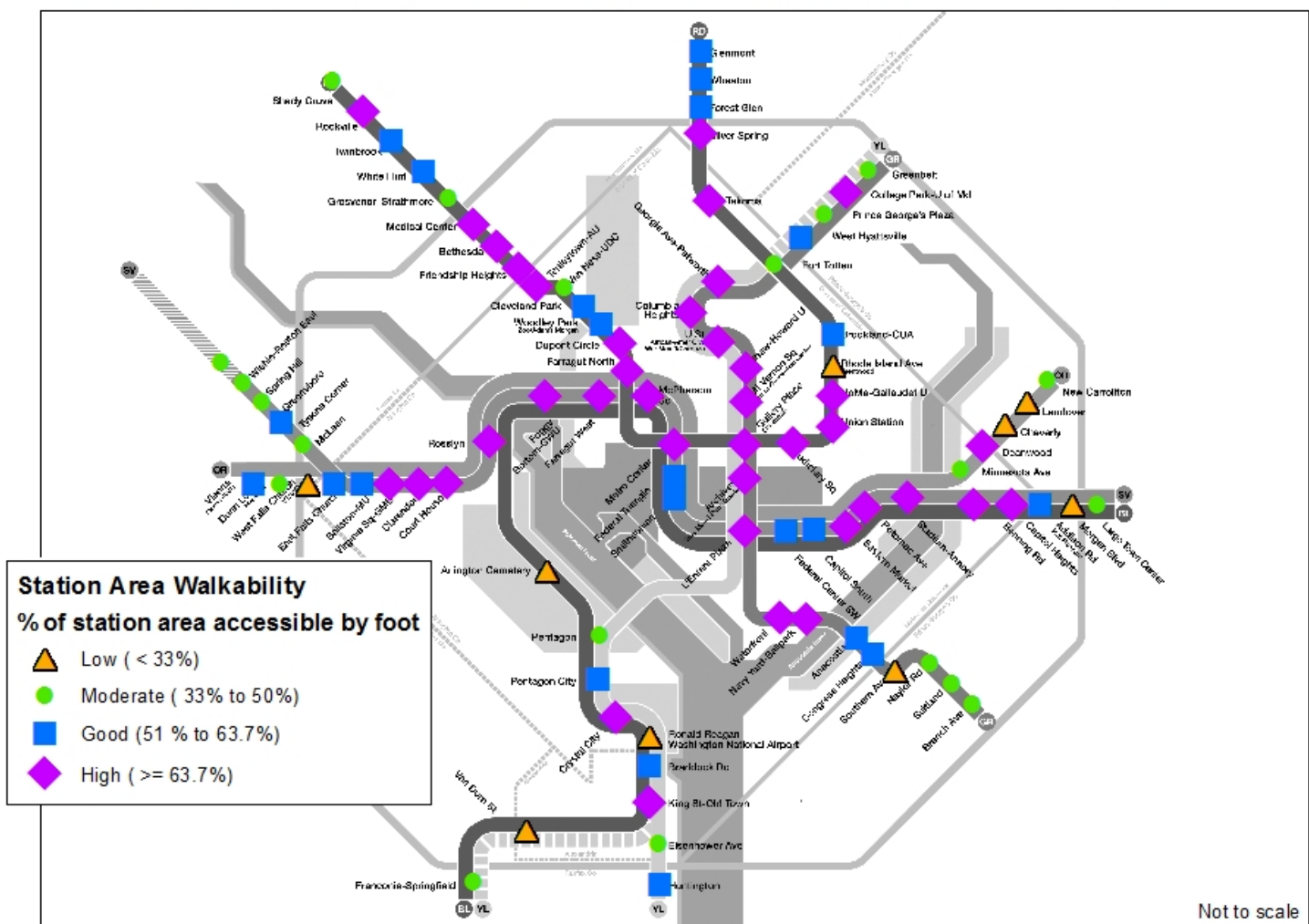
Where Can I *Really* Walk?

Rosslyn

- Include each station entrance
- Remove non-developable land from the station area: parks, water, cemeteries, etc.
- Include trails outside of road network commonly used for station access

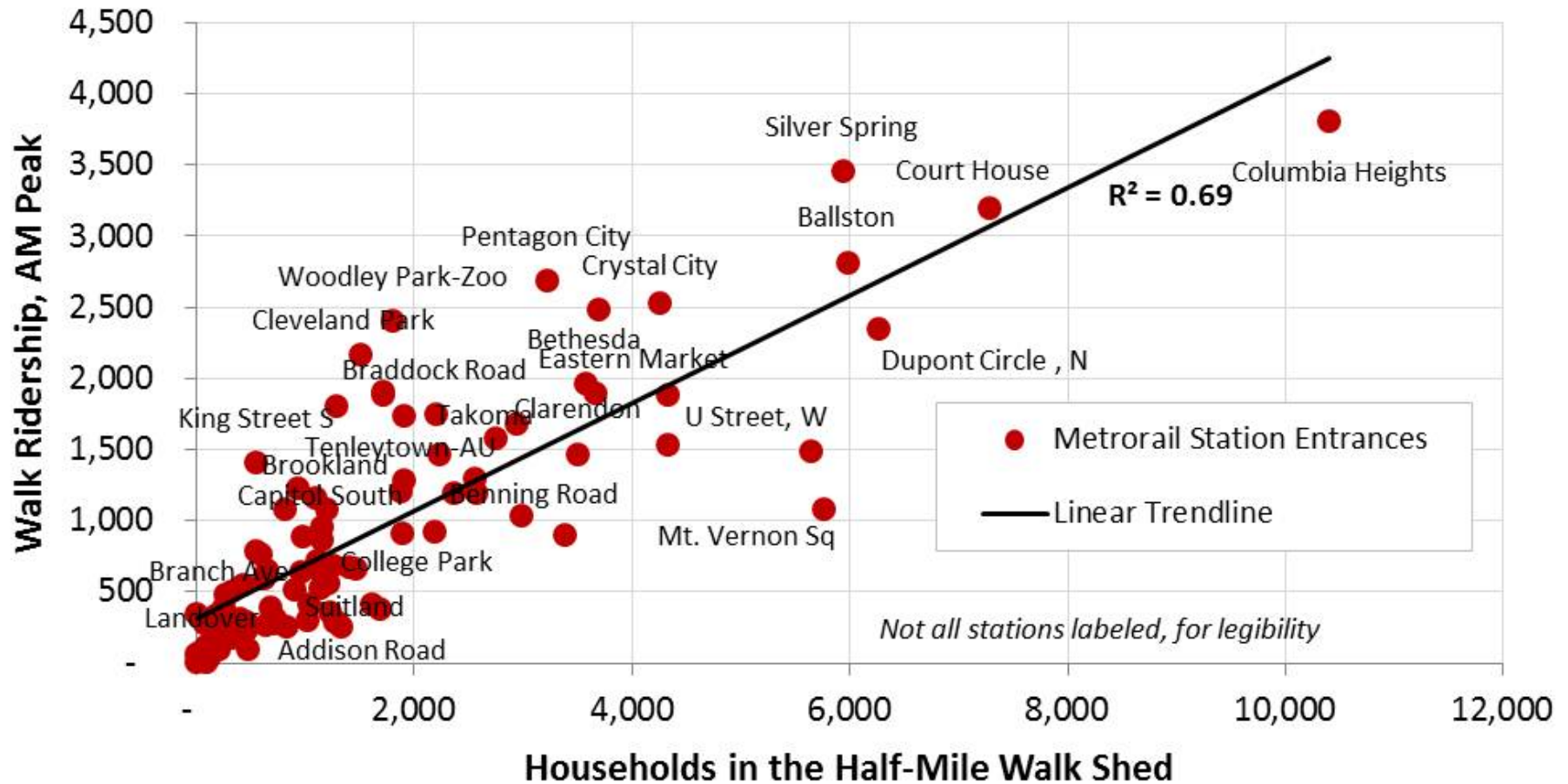


Results, Walk Shed Coverage





Connectivity and Ridership



Land Use and Ridership Connection: Making the Case

- Land use near transit directly results in walk ridership at Metrorail stations

Ridership = 7 Trips/ 10 Households



Improving Residential Access to Southern Avenue Station

Existing Shed



Shed with Connection





Improving Jobs Access to Greensboro Station

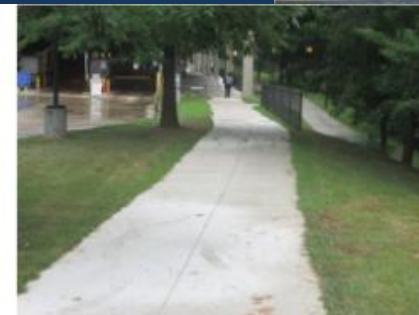


More than 4,000 jobs cut off from the station -
Potential benefit:
500 entries/day
\$800,000 fares/year



Station Area Strategic Investment Plan

- Build off TCSP, include all 91 stations
- Estimate costs
- Prioritize projects
- Create interactive map





Prioritization Criteria

- Safety
- Walk shed/ ridership growth
- Directness
- Feasibility/ cost
- Access & equity



Next Steps – Help Wanted!

- *Spring:* Project kick-off and “road shows”
- *Summer/ Fall:* Identify and prioritize projects
- *Winter:* Local review of prioritized projects; Launch wiki site

Van Dorn Station

