Washington Metropolitan Area Transit Authority

Connecting Communities through Walkable Station Areas

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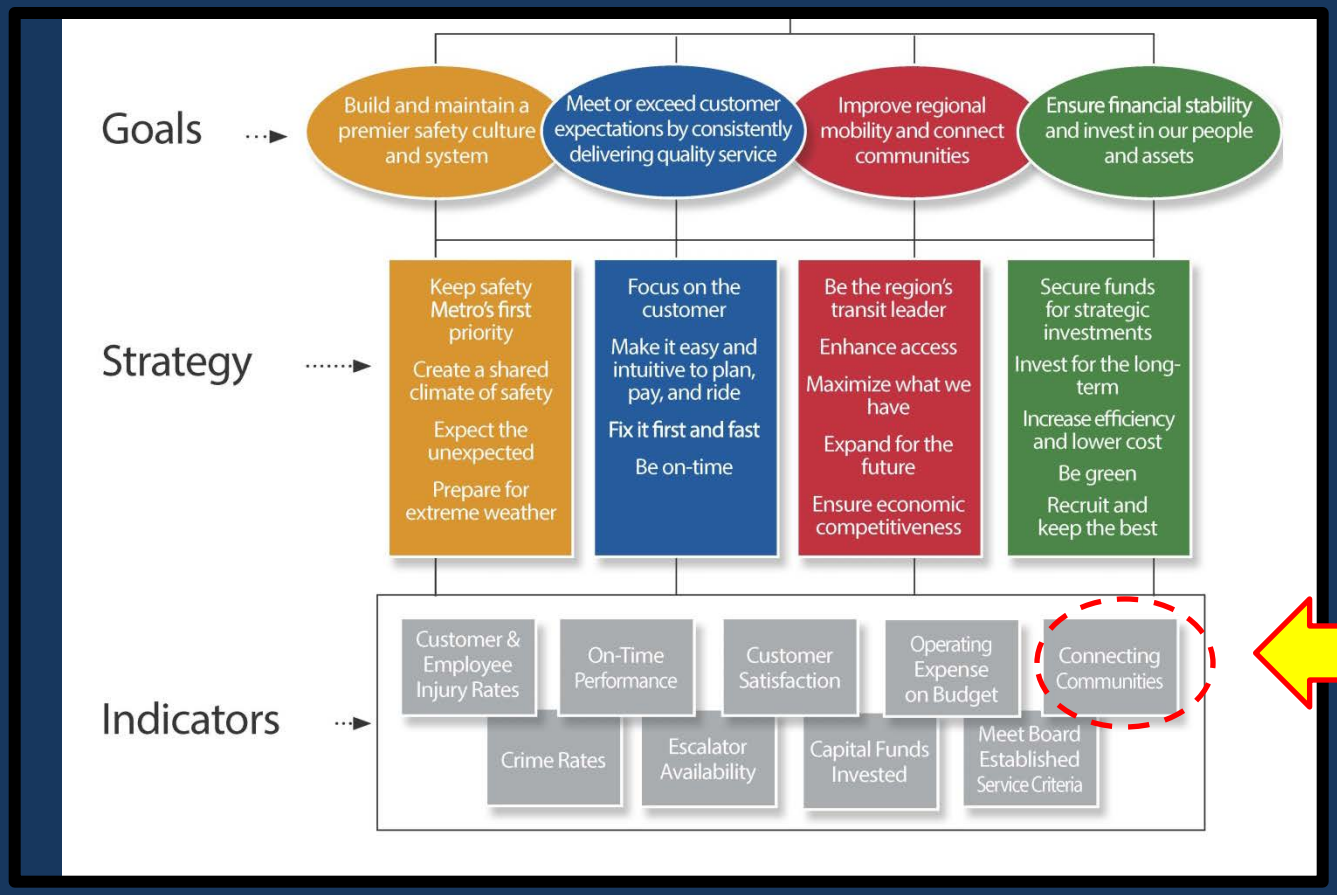
Agenda

- 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

Measuring Connecting Communities

Grow Near Transit

- Transit-oriented development
- Zoning
- Planning

Expand Transit

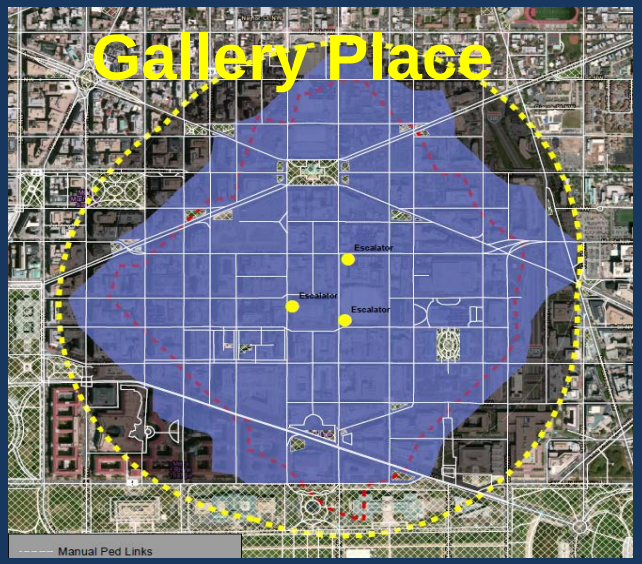
- Expand bus routes
- Build new Metrorail lines and stations

Improve Access to Your Stations

- Fix pedestrian barriers
- Build paths and sidewalks

Re-Defining Station Walk Sheds

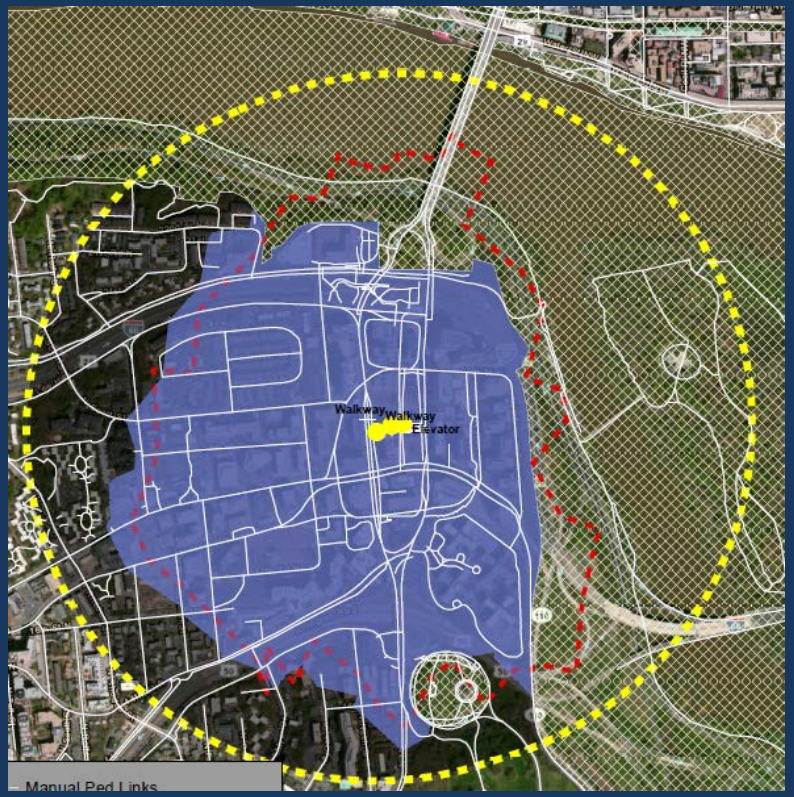
- Defined as walking distance:
  - ½ mile from rail station
- Accounts for actual network – not as crow flies



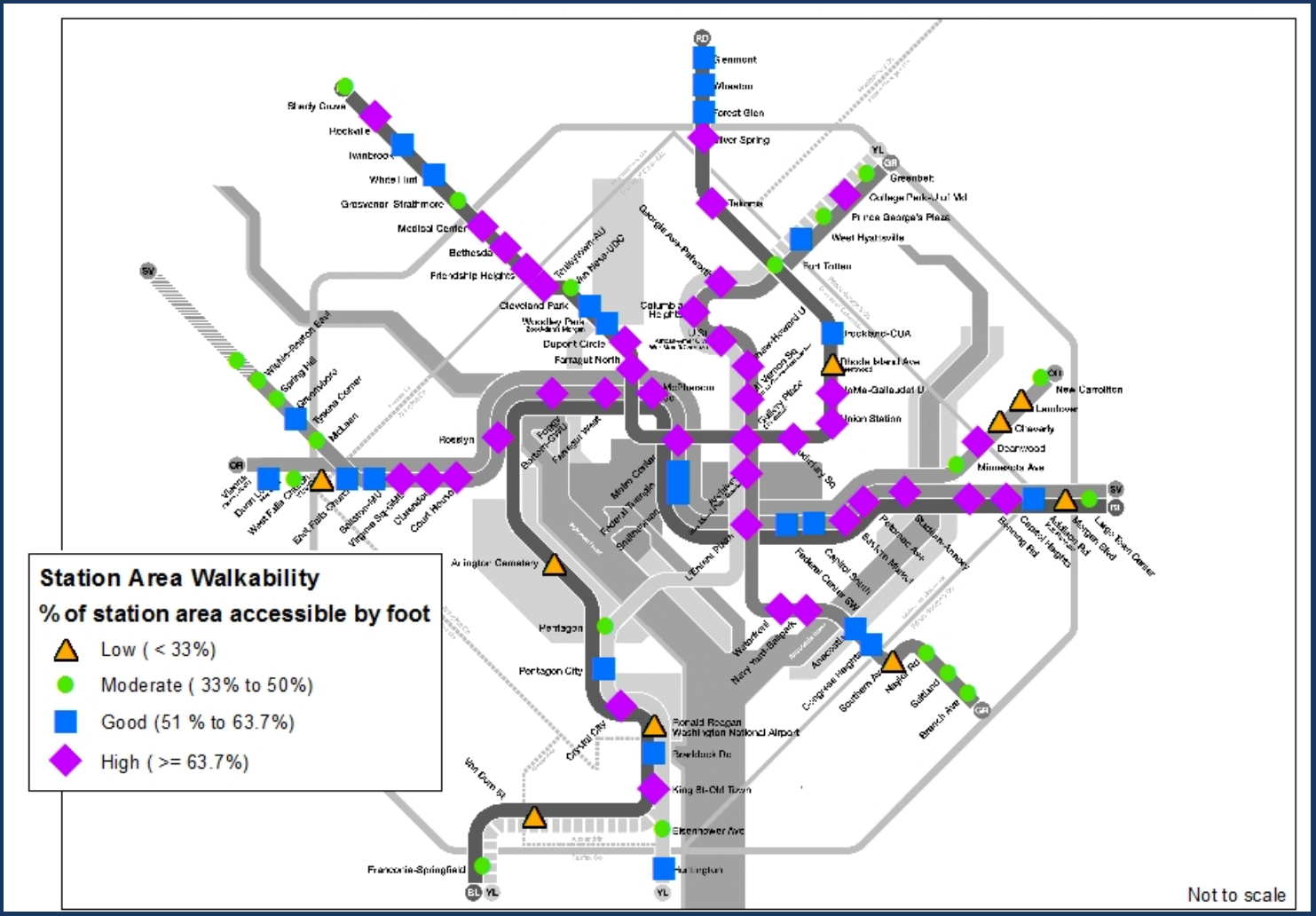
Where Can I *Really* Walk?

Rosslyn

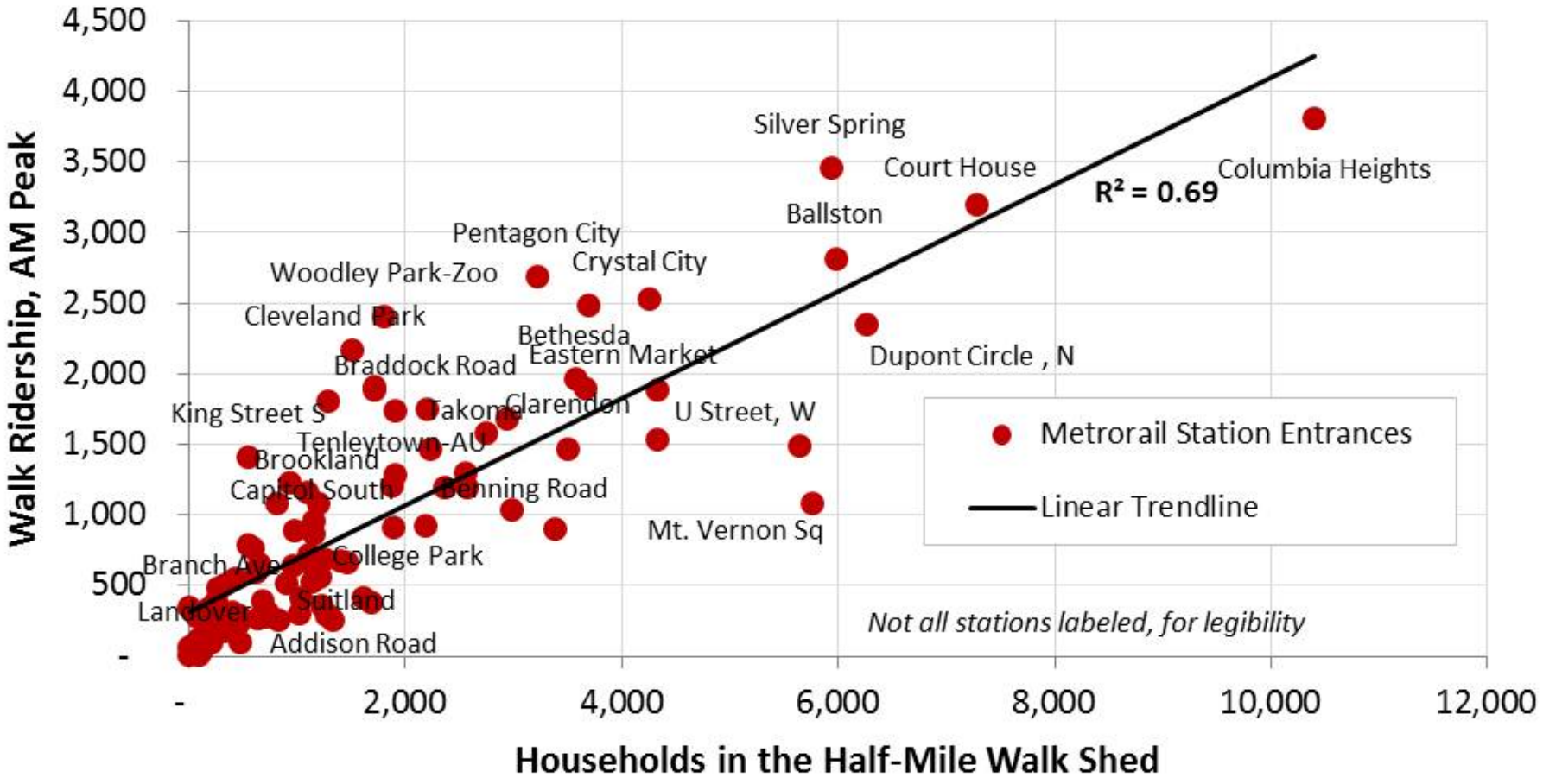
- Include each station entrance
- Remove non-developable land from the station area: parks, water, cemeteries, etc.
- Include trails outside of road network commonly used for station access



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

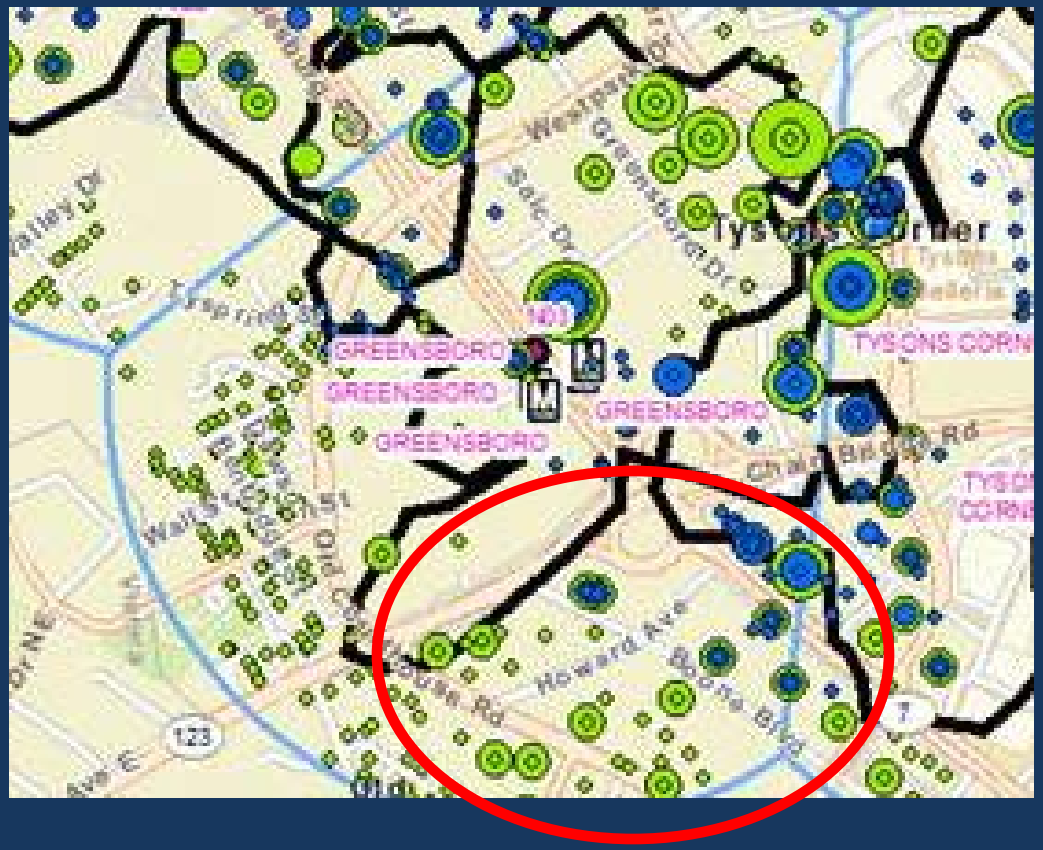
Residential Access: Southern Avenue (DC/MD)

Existing Shed

Shed with Connection

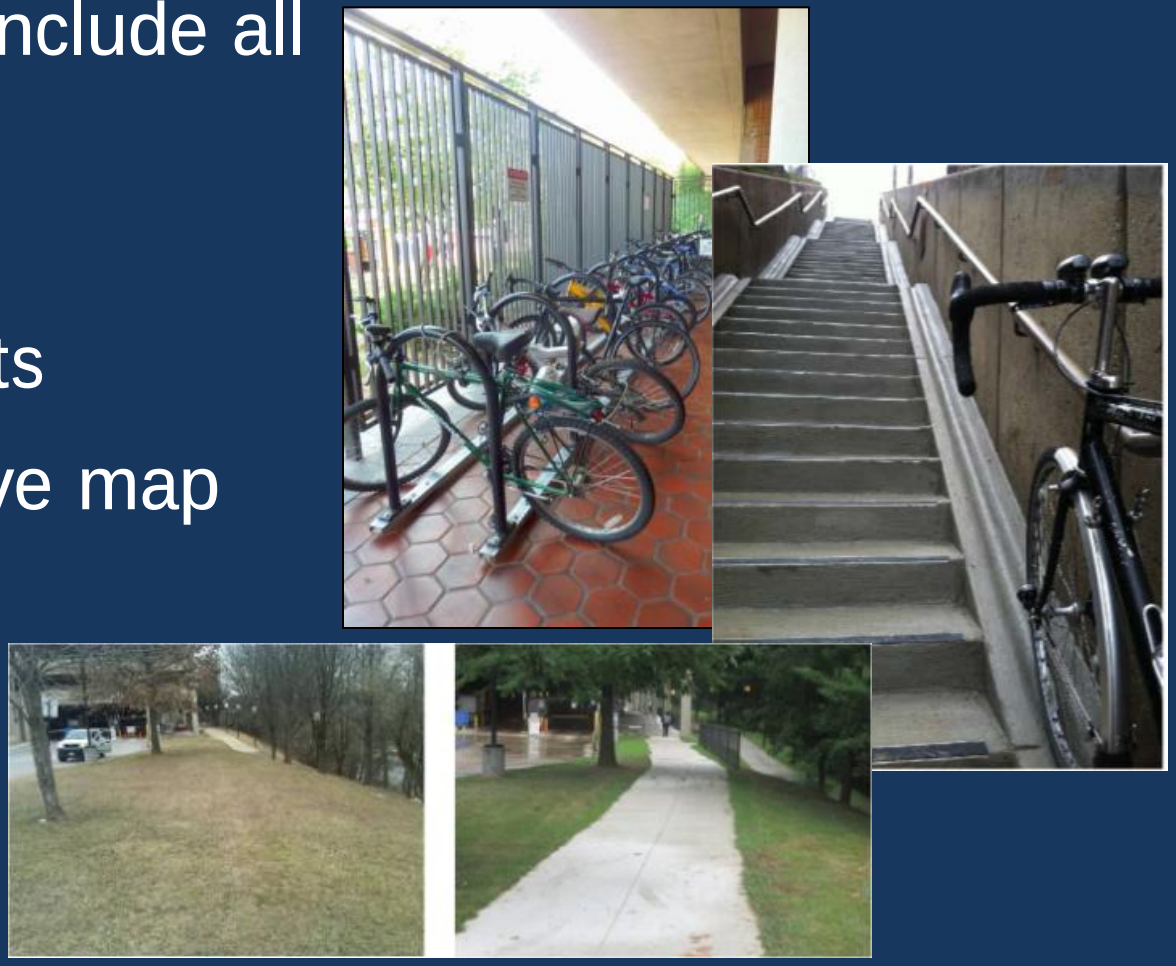
Jobs Access: Greensboro (VA)

- No access along Route 7 south of Route 123
- 4,800 jobs within ½ mile of station, but outside shed
- 1,000 potential trips per day
- $875K in potential annual revenue



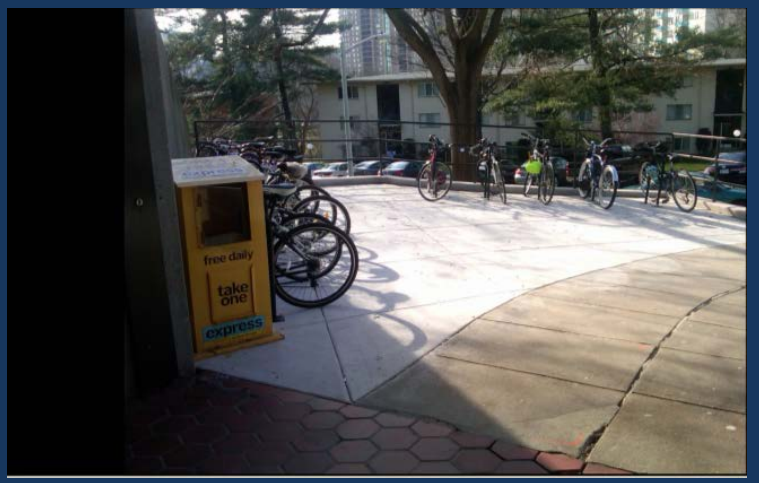
Station Area Strategic Investment Plan

- 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: Return with prioritized lists for each juris. Discuss status of selected projects

Van Dorn Station