Advancing Bike/Ped Connections through Transit Performance Indicators

New Partners for Smart Growth Conference

Metro Office of Planning

January 2015
Spring Hill station

No crosswalk yet (is one under construction?)

6-lane highway on either side of station
Spring Hill Metro station 0.5 miles away

Entrance to 1,200-unit condo complex (Rotonda)

Sidewalk and bus stop here, but how to cross street?

No sidewalk

No crosswalk

Greensboro Drive at Rotonda entrance
0.5 miles from Spring Hill Station
0.4 miles from Greensboro Station
Not all Stations have TOD!

How much of the area within a half-mile of the station can you walk to?

- 20% - 30%
- 31% - 45%
- 46% - 60%
- 61% - 75%
- 76% - 90%
- 91% - 100%
Planning Response

Key Performance Indicator (KPI)

**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
Campaign – Transit Walksheds

Landover

Takoma

Percent of land within half-mile actually reachable on foot

21%  91%

Images at same scale
Campaign - Transit Walksheds and Ridership

![Graph showing the relationship between walksheds and ridership with a linear trendline and an R² value of 0.69. The graph includes station entrances labeled with station names such as Silver Spring, Court House, Columbia Heights, and others. Not all stations are labeled for legibility.]
Lessons – Follow the Money!

Connecting these communities to Metro at Southern Ave could result in over 800 new trips per day and up to $550,000 in fare revenue per year.

For each new 225-unit apartment/condo building near transit, we should see 160 new peak riders/day, and around $135,000/year in revenue.
Next Steps

- Metro Strategic Investment Plan
- Return on Investment Analyses
- Regular Reporting
- Identify Employment Data!
- Continually Refine Methodology
Advancing Bike/Ped Connections through Transit Performance Indicators

New Partners for Smart Growth Conference

Metro Office of Planning

January 2015