

City of Atlanta Bicycle Transportation Initiatives

February 4, 2013 City Council Briefing



Department of Planning & Community Development
Office of Planning



Bicycle Transportation Initiatives Outline



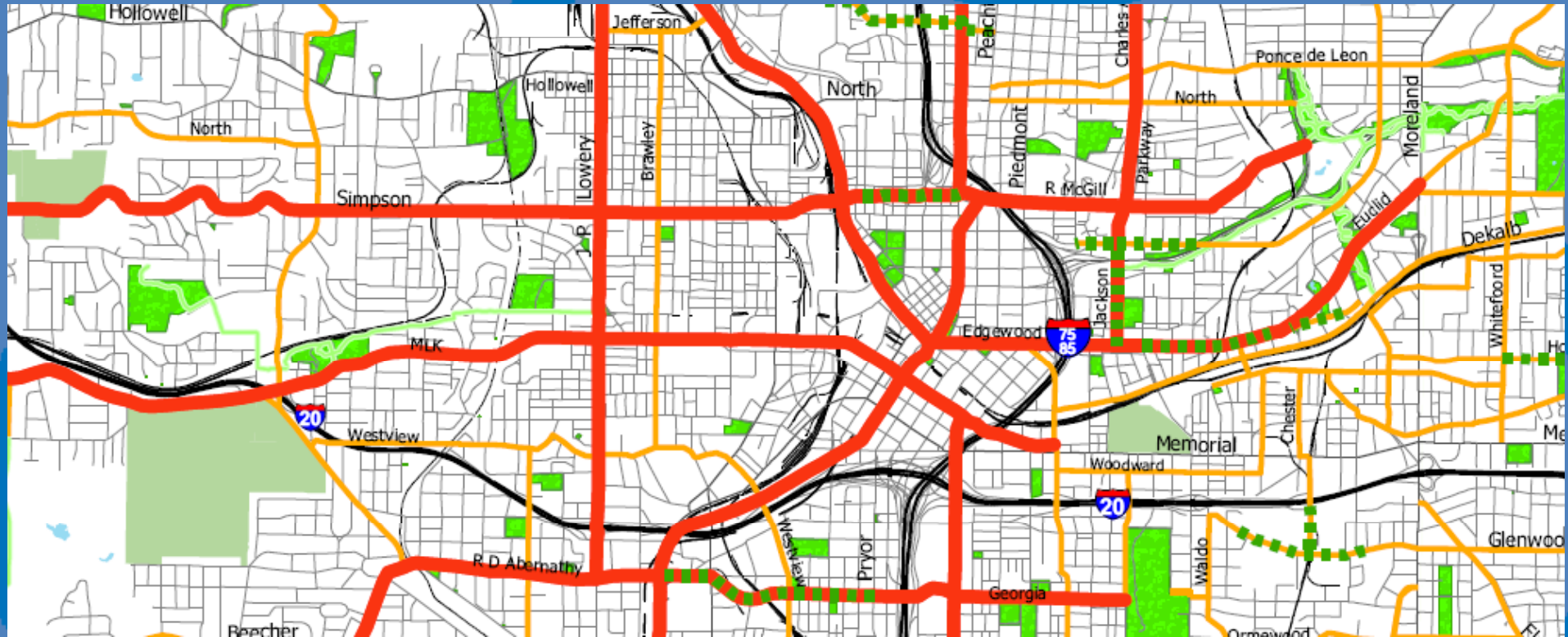
- Recent Efforts
 - Funding
 - Studies
 - Projects
- Moving forward
 - Goals
 - Strategy

Bicycle Transportation Initiatives

Recent Efforts (2009-2010)

2009

- Adopted *Connect Atlanta Plan*, the City's first comprehensive transportation plan
- Includes network of Core Bicycle Connection and Secondary Bicycle Connections



2010

- First two Atlanta Streets Alive events draws 6,000 attendees

Bicycle Transportation Initiatives

Recent Efforts (2011-2012)

2011

- Awarded **\$10,000** Bikes Belong grant for **innovative treatments** at W Peachtree St and 5th St (in partnership with ABC, GA Tech and Midtown Alliance)
- Awarded **\$8,878,278** in Livable Centers Initiative (LCI) funding for **buffered bicycle lanes** and **cycle tracks** on Juniper St, Peachtree Rd and Ponce de Leon Ave
- Awarded **\$4,068,880** in LCI funding for bike/ped facilities along **streetcar corridor**
- Awarded **\$2,087,399** in Transportation Enhancement (TE) funding for shared-use paths in east, west, and northwest Atlanta
- Awarded **\$782,640** in TCSP funding for bike/ped bridge at Ponce City Market
- Officially endorsed the *NACTO Urban Bikeway Design Guide* (**one of few SE cities**)
- DPW policy to consider bike facilities in conjunction with maintenance projects

2012

- Fifth Atlanta Streets Alive event records ~20,000 people walking and biking
- Awarded \$80,000 in LCI funding to complete *Cycle Atlanta Study: Phase 1.0*
- Completed *Bicycle Sharing Feasibility Study* for Atlanta and Decatur
- Hosted *NACTO Cities for Cycling Road Show* at City Hall
- Drafted *Move Atlanta*, **City's first complete streets design guide**

5th St at W Peachtree St Project



- Innovative high-quality bicycle facilities
- Partnership between City, Midtown Alliance, GA Tech and Atlanta Bicycle Coalition
- Georgia's first bicycle signal, raised cycle track and two-stage left-turn queue box (Copenhagen left)
- Opened in October 2012

Bicycle Transportation Initiatives

Bicycle Sharing Feasibility Study



- Study completed in Sept 2012 concluded that bicycle sharing is feasible within the City of Atlanta's core
- Next step is to determine how to implement
- Study funded by Atlanta Falcons Youth Fund in cooperation with Atlanta Bicycle Coalition and City of Decatur
- Specific Findings:
 - 14.1-mi² phase 1 service area with 89,000 residents (18-64) and 223,855 jobs
Buckhead, Downtown, Midtown, Old 4th Ward, West End, Westside, etc.
 - 57 stations with 570 bikes
 - \$5.7 – 12.9M over six years (capital & operations)

Bicycle Transportation Initiatives

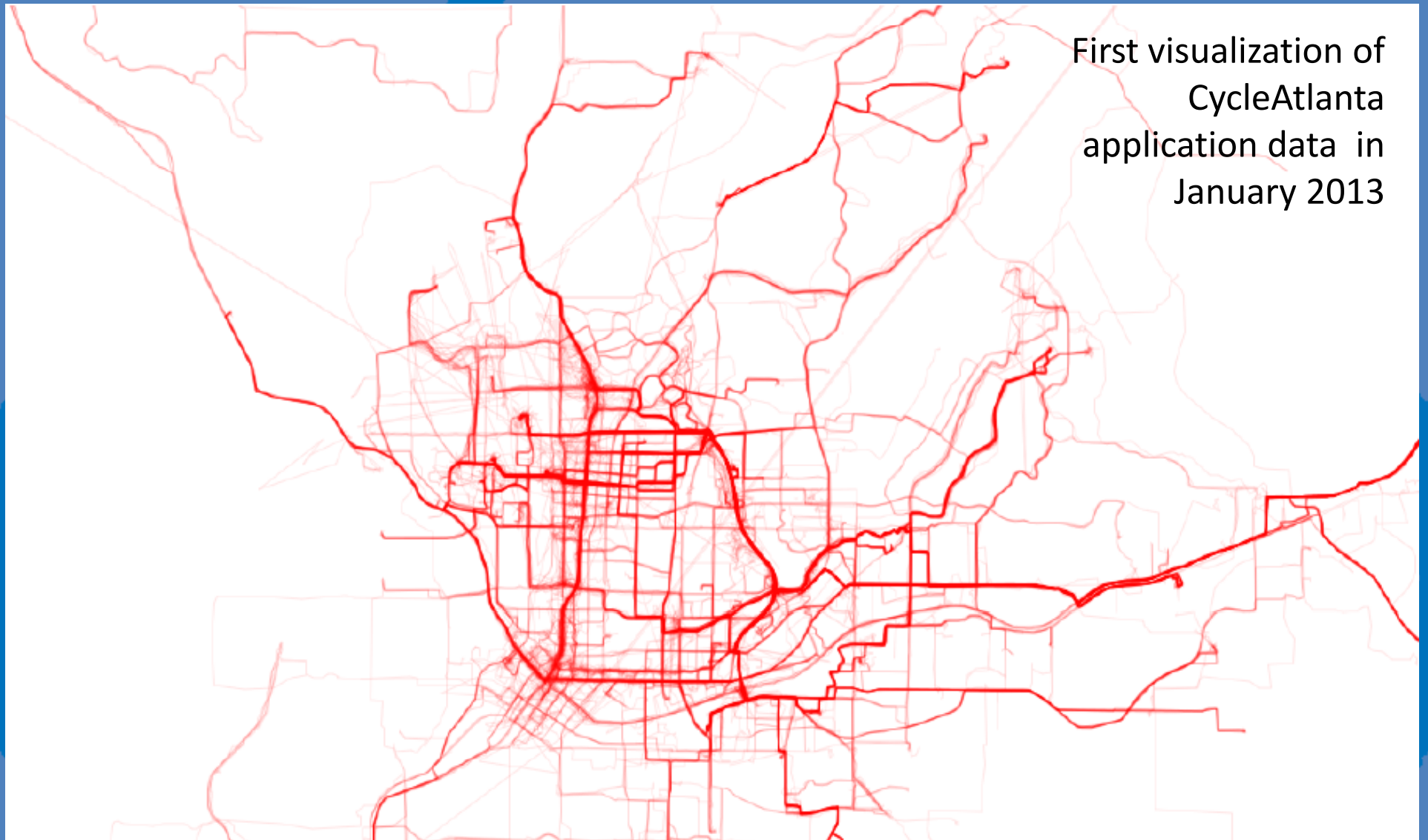
Cycle Atlanta Study: Phase 1.0



- Funded by \$80,000-LCI grant from ARC and \$20,000 donation from Atlanta Bicycle Coalition
- Joint effort between the City, ABI, Atlanta Bicycle Coalition, ADID, and Midtown Alliance
- Study kick-off in October 2012; final study due August 2013
- Components:
 - smart phone app to collect bicycling data
 - analyze 5 Core Bicycle Connections within the Atlanta BeltLine loop
 - Work with business/property owners to develop plan for bicycle facility installation (detailed schematics and cost estimates)
 - Ready for construction (ARC has committed \$2M in federal funding)

Bicycle Transportation Initiatives

Cycle Atlanta Study: Phase 1.0



First visualization of
CycleAtlanta
application data in
January 2013

Bicycle Transportation Initiatives

Types of Facilities

Sharrows



Bicycle Lane



Buffered Bicycle Lane*



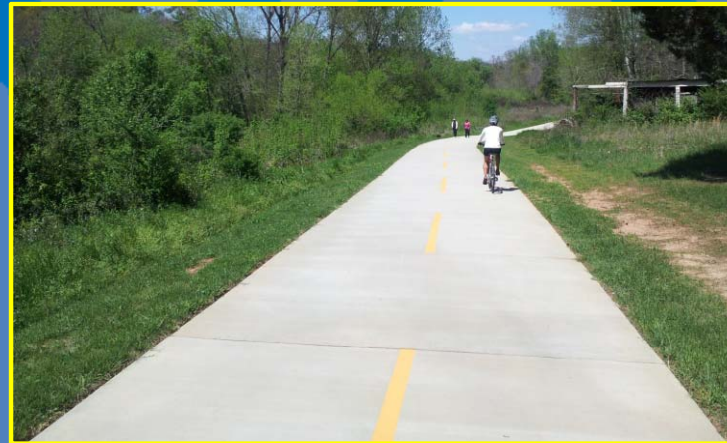
One-way Cycle Track*



Two-way Cycle Track*



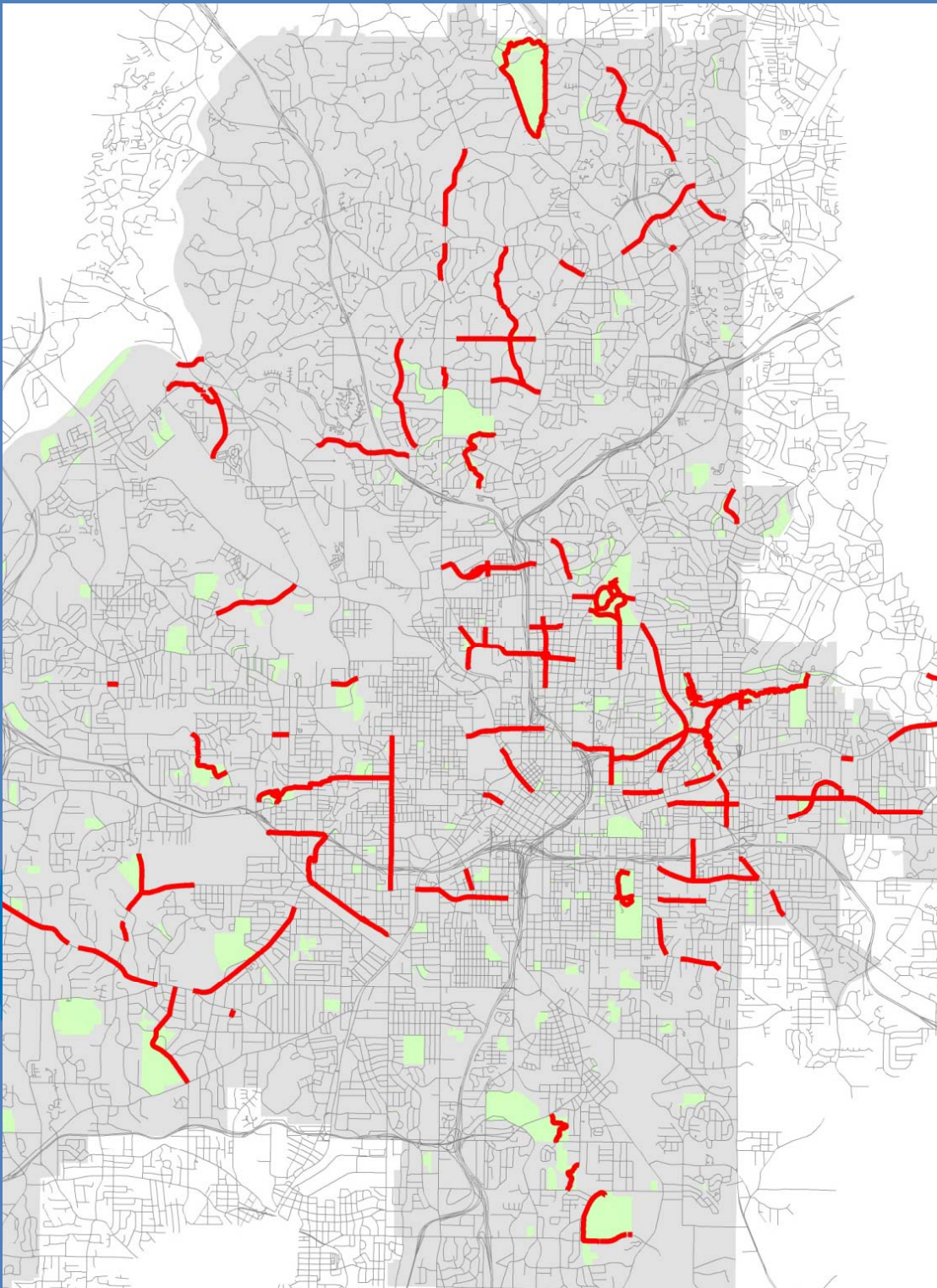
Shared-use Path*



*High-quality bicycle facilities

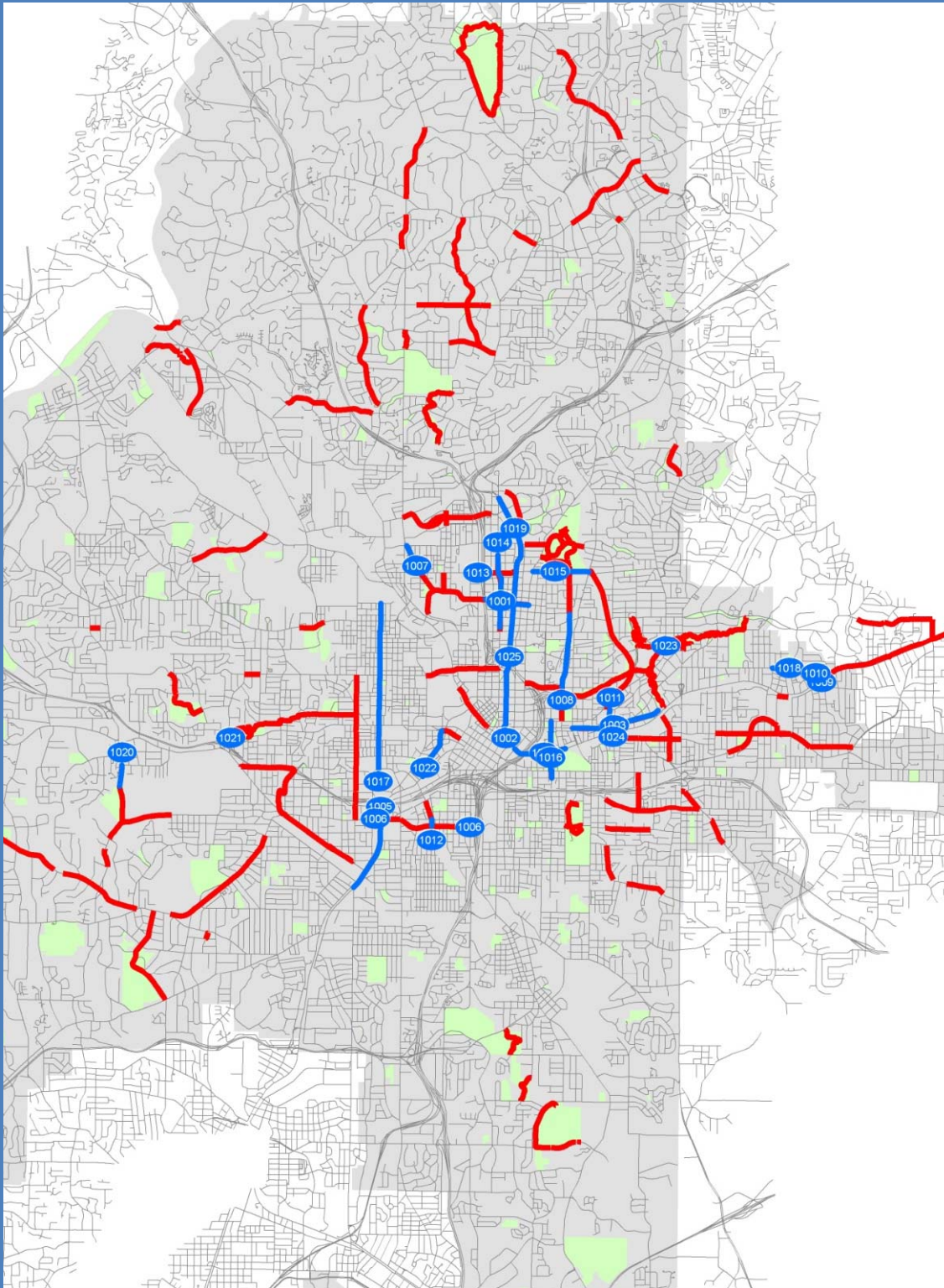
Bicycle Facilities Today (February 2013)

- 69.4 miles of bicycle facilities (mostly standard facilities)
- 29.0 miles of shared-use paths (PATH Foundation)
- 34.3 miles of bicycle lanes
- 6.1 miles of sharrows
- One innovative intersection treatment



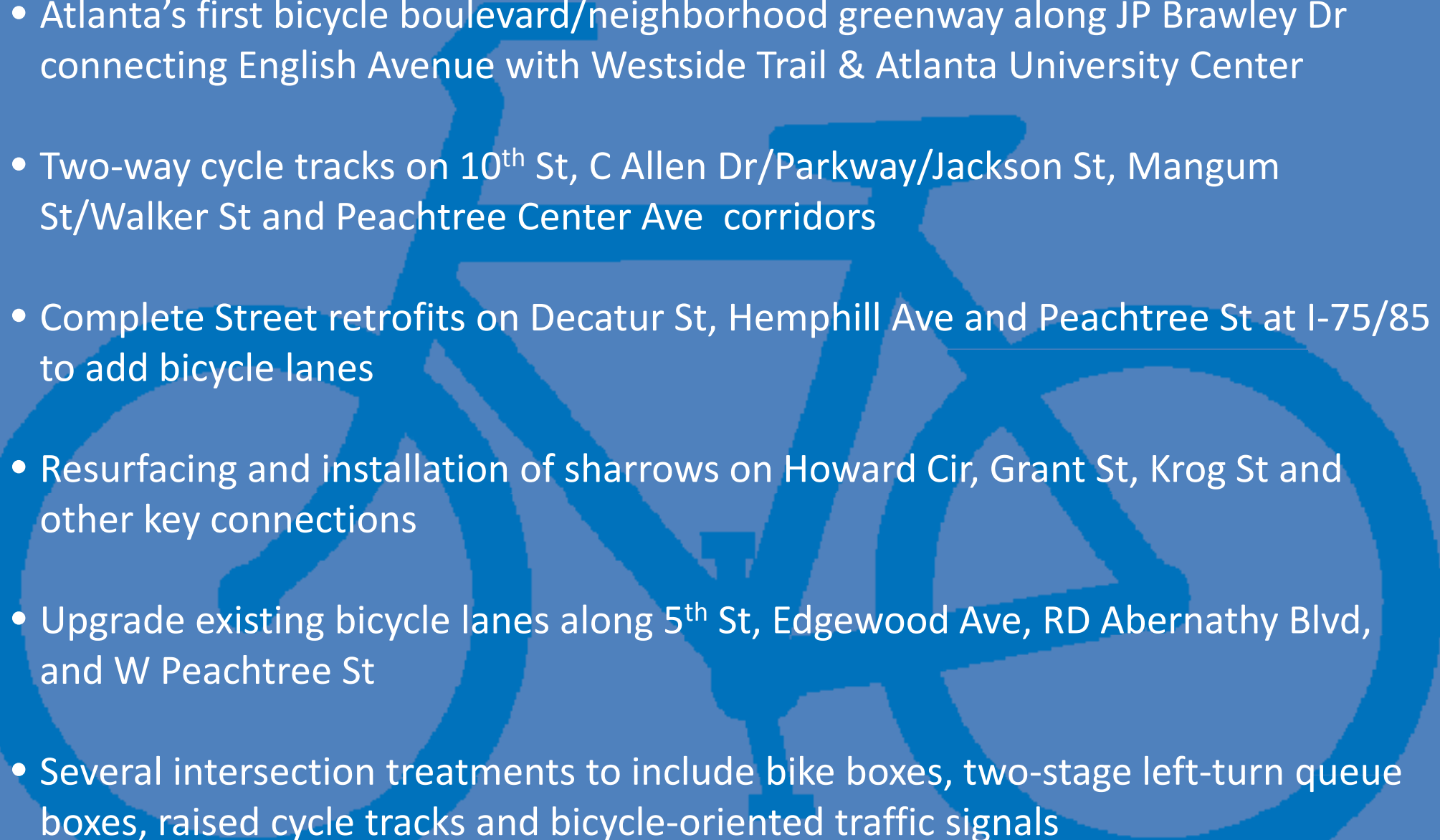
High-Priority Bicycle Projects Funded for 2013

- 15 miles of high quality bicycle facilities
- +6 miles of buffered bicycle lanes, bicycle boulevards and protected /raised cycle tracks
- +30 innovative intersection treatments
- Constructed between Feb 2013 and Dec 2013
- Funded by City Council on February 4, 2013



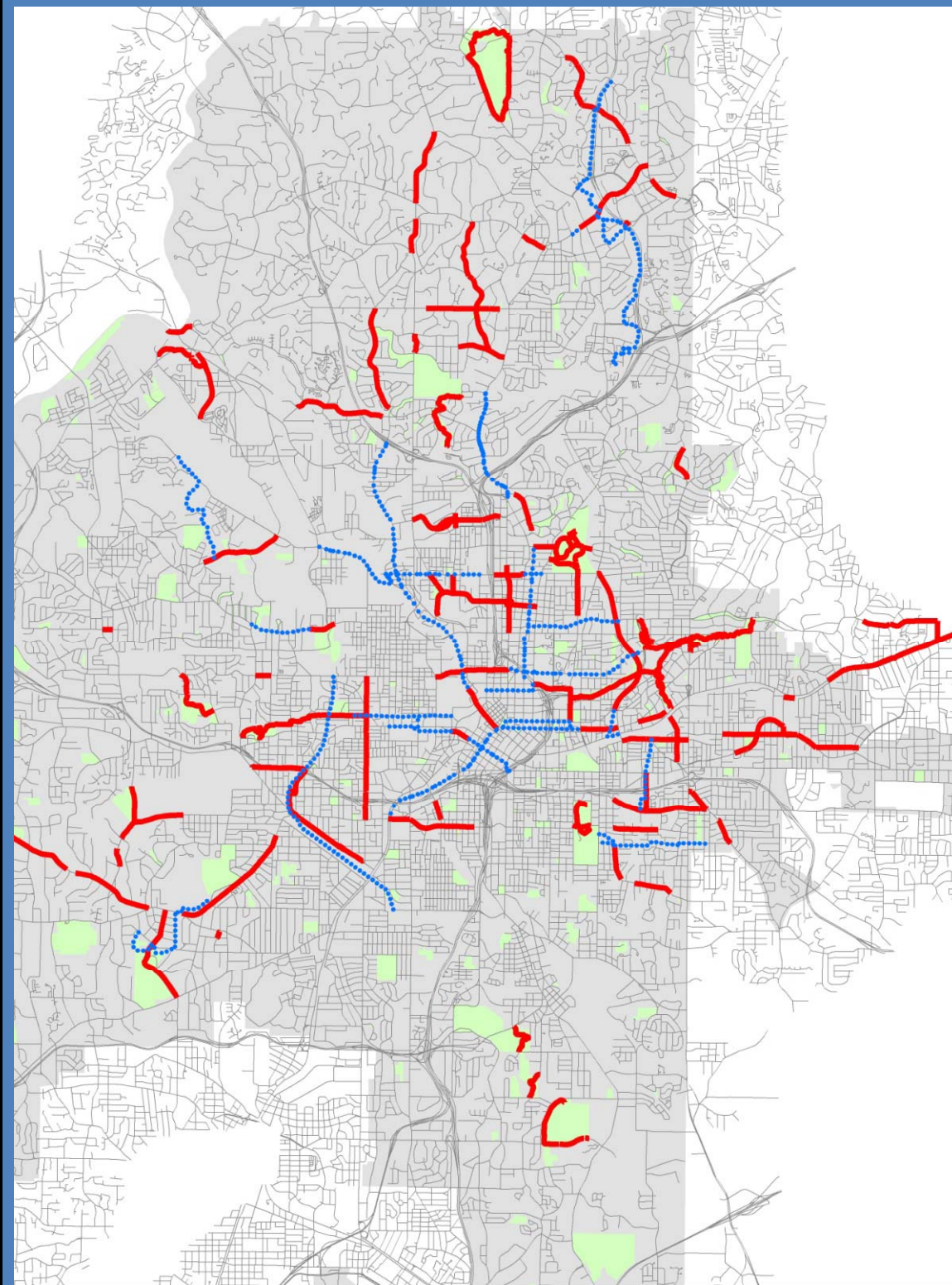
High-Priority Bicycle Projects Funded for 2013

Examples:

- Atlanta's first bicycle boulevard/neighborhood greenway along JP Brawley Dr connecting English Avenue with Westside Trail & Atlanta University Center
 - Two-way cycle tracks on 10th St, C Allen Dr/Parkway/Jackson St, Mangum St/Walker St and Peachtree Center Ave corridors
 - Complete Street retrofits on Decatur St, Hemphill Ave and Peachtree St at I-75/85 to add bicycle lanes
 - Resurfacing and installation of sharrows on Howard Cir, Grant St, Krog St and other key connections
 - Upgrade existing bicycle lanes along 5th St, Edgewood Ave, RD Abernathy Blvd, and W Peachtree St
 - Several intersection treatments to include bike boxes, two-stage left-turn queue boxes, raised cycle tracks and bicycle-oriented traffic signals
- 

High-Quality Bicycle Projects Funded for 2014

- +34.0 miles of high quality bicycle facilities
- +16.5 miles of buffered bicycle lanes, bicycle boulevards and protected /raised cycle tracks
- +9.5 miles of shared-use paths (PATH Foundation)
- Federal funding identified; City's match not yet fully budgeted



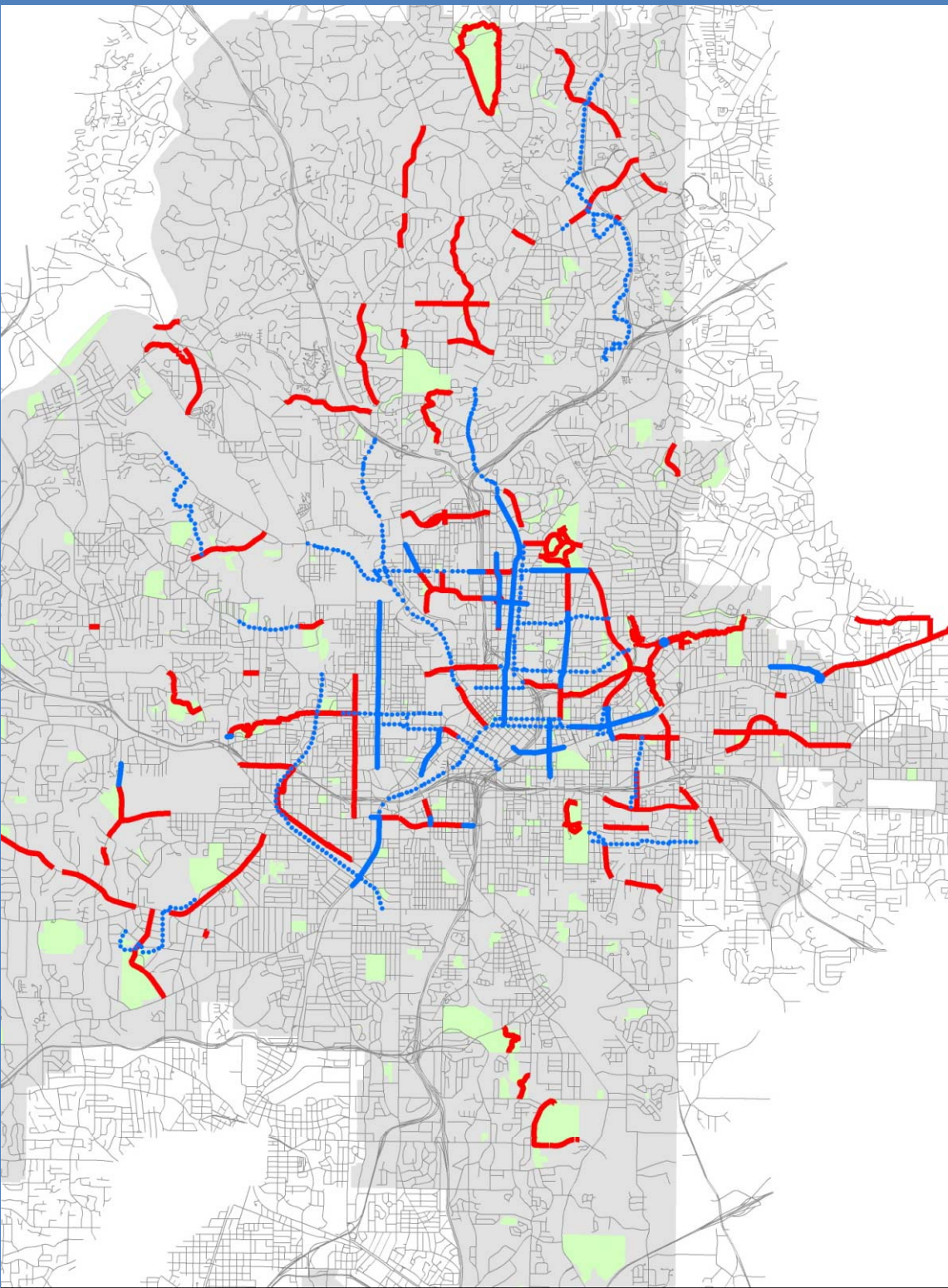
High-Quality Bicycle Projects Funded for 2014

Examples:

- Shared-use paths connecting Atlanta BeltLine Westside Trail to Centennial Olympic Park, John White Park and Adams Park
- Buffered bicycle lanes on Ponce de Leon Ave between Piedmont Ave and Atlanta BeltLine Eastside Trail
- Bicycle lanes along Auburn Ave/Edgewood Ave (Woodruff Pk to Boulevard) and along ML King Jr Dr /Mitchell St (Atlanta University Center to Downtown)
- Protected one-way cycle track on Juniper St (14th St to North Ave)
- \$2.0M for facilities recommended by *Cycle Atlanta: Phase 1.0 Study* (likely along JE Boone Blvd/R McGill Blvd, Lee St/Murphy Ave and Howell Mill Rd/Marietta St corridors)
- Segments of the Buckhead 400 Trail connecting the Atlanta BeltLine corridor to Buckhead business district and points north

Bicycle Network with All Projects (c. 2016)

- 120 miles of high quality bicycle facilities
- 60 miles of buffered bicycle lanes, bicycle boulevards and protected /raised cycle tracks
- 60 miles of shared-use paths
- Hundreds of innovative intersection treatments



Bicycle Transportation Initiatives Moving Forward (Goals)

| | Atlanta 2012 | Atlanta 2016 (Goal) | Charlotte 2012 | Austin 2012 | Seattle 2012 |
|-----------------------------------------------------------------------|------------------|------------------------|-------------------|----------------|-----------------|
| Bicycle Commute to Work Mode Share | 1.1% | 2.2% | 0.1% | 1.9% | 3.5% |
| Miles of Bicycle Lanes and Cycle Tracks | 34 | 60 | 111 | 168 | 55 |
| Miles of Shared-use Paths | 29 | 60 | 39 | 194 | 46 |
| Total Miles of Bicycle Facilities (not including sharrows) | 63 | 120 | 150 | 362 | 101 |
| Miles per Square Mile | 0.6 | 1.2 | 0.6 | 4.5 | 2.8 |
| Bicycle Sharing (year introduced) | 2013-2014 | | 2012 | 2014 | 2013 |

Bicycle Transportation Initiatives Moving Forward (Goals)



- Double bicycle commute to work mode share to 2.2% by 2016
- Become top ten city in US for cycling to work (#23 in 2012)
- Become top ten city for cycling safety (#17 in 2012)
- Double miles of high-quality bicycle lanes/cycle tracks to 60
- Double miles of high-quality linked shared-use paths to 60
- Secure Silver or Gold *Bicycle Friendly Community* status
- Introduce bicycle sharing program that supports local economy
- Address several strategies in *Power to Change*, the City's long term sustainability plan, including: air quality, community health/vitality, jobs and competitiveness and transportation



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