

# Good Morning Bike Maryland

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Transportation Planner for the City of Frederick  
A Bronze Level Bike Friendly Community



# Bicycling in the City of Frederick

- **New and Planned Bicycle Facilities**
  - Bike Lanes and Racks
  - Carroll Creek Extension
  - Rails with Trails - East Street
  - US15 Under Crossing
- Bicycle Friendly Community – *Bronze level*
- History Bicycle Loop
  - Maryland Municipal League Award Winning
- Increased investment in bicycle infrastructure
  - Key to a Prepared Community in Bike Share, Infrastructure
  - What about Bike Share?



# Bicycle in the City of Frederick

- All our Events
  - Bike to Work Day
  - Clustered Spires High Wheel Race
  - Gran Fondo
  - Tour de Frederick
- Designated Bronze in 2012
- Goals for Silver–2016
- More Bike Lanes
  - More Shared Use Path Connections
  - East Street Rail Trail
  - Bicycle Infrastructure for Possible Bike Sharing
- What about Bike Sharing?
- Who has ridden a bike share bike or who has membership

Clustered Spires High Wheel Race



# Bike Sharing – Feasibility



- Maryland Department of Transportation and Bike Maryland Bicycle and Pedestrian Advisory Committee (now a full committee) Priorities
  - What about Bike Sharing
- Top Priorities for 2013
  - Bike Sharing Became a Priority
- Maryland Department of Transportation Funding
- Extensive Feasibility and Assessment by Toole
  - Assessment of Conditions, Feasibility, Business Models and Implementation

# Bike Sharing a Committee Priority

- Community Involvement
- Our Elected Officials Involved
  - Aldermanic Representative on Committee
- State Representation and Involvement
  - Maryland Department of Transportation
  - State Highway Administration
- Collaboration with Advocacy Groups
  - Maryland Off-Road Enthusiasts
  - Frederick Bike Coalition
  - Boys and Girls Club
  - Rotary
  - Bike Maryland
- All this leading up to Bike Share Feasibility



# Bike Share Feasibility Study - Status



Hubway - Boston

- Existing Conditions - done
- Stakeholder Engagement – on going
- Business and Implementation Model - underway
- Planning Commission - done
- Historic Preservation Commission - done
- Potential Locations – under discussion
- Final Recommendation – not complete

# Similar Bike Share Cities

## General Characteristics

	Area (Mi.)	Population	Density (per Sq. Mi.)
Frederick	22.2	64,593	2,990
DC	68.3	632,323	9,258
Boulder	25.7	101,808	3,961
Chattanooga	142.2	171,279	1,204
Spartanburg	19.2	37,401	1,948

Source: Frederick Bike Share Feasibility Study



Source: Boulder B-Cycle, Capital Bikeshare, Bike Chattanooga, Spartanburg B-C

# Crowdsourcing Map

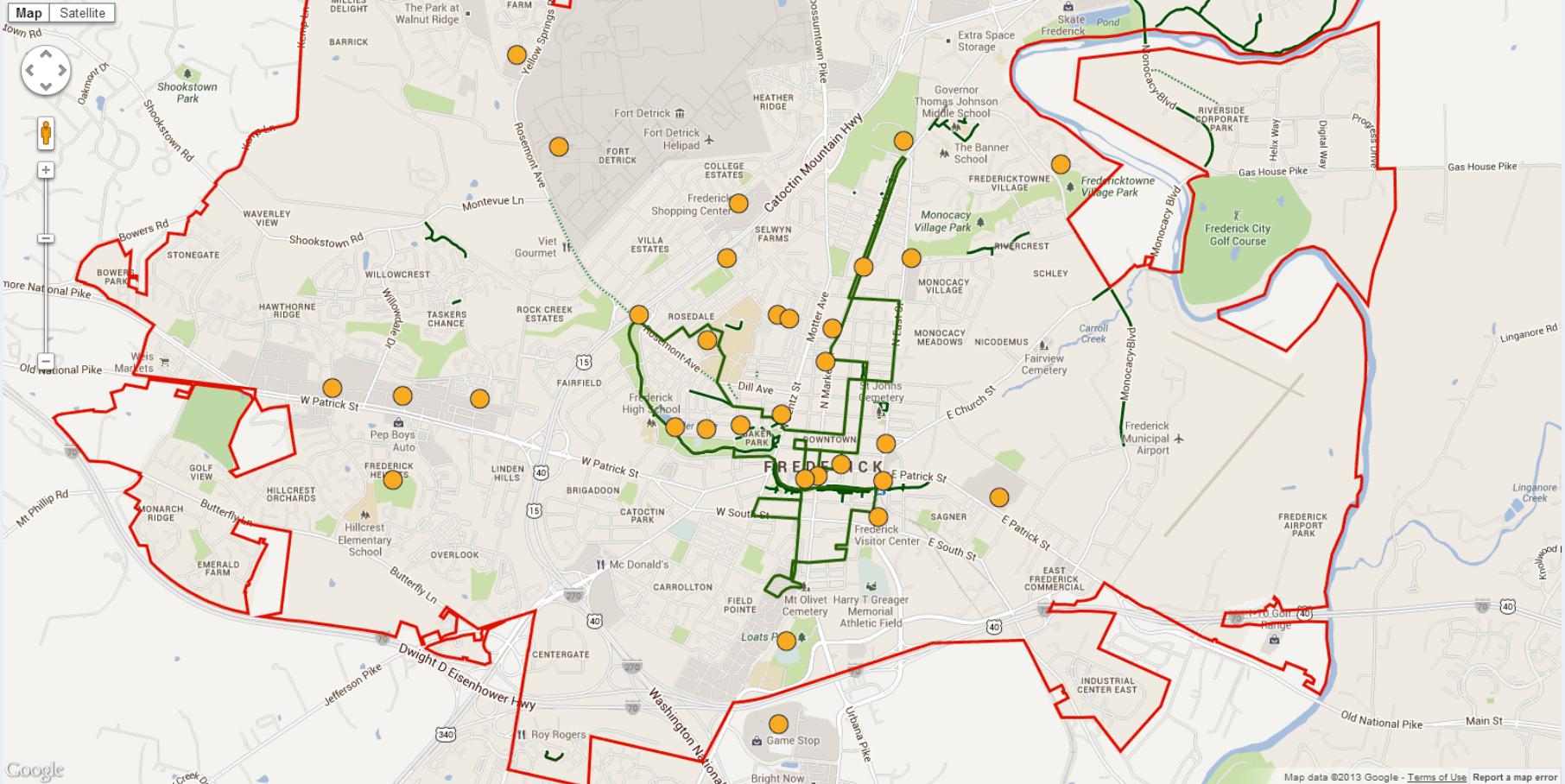


## Bicycle Sharing Feasibility Analysis Crowdsourcing Map

### Legend

- Trails
- Bike Friendly Roads
- Suggested Bike Share Station
- Bike Lane
- City of Frederick Limits

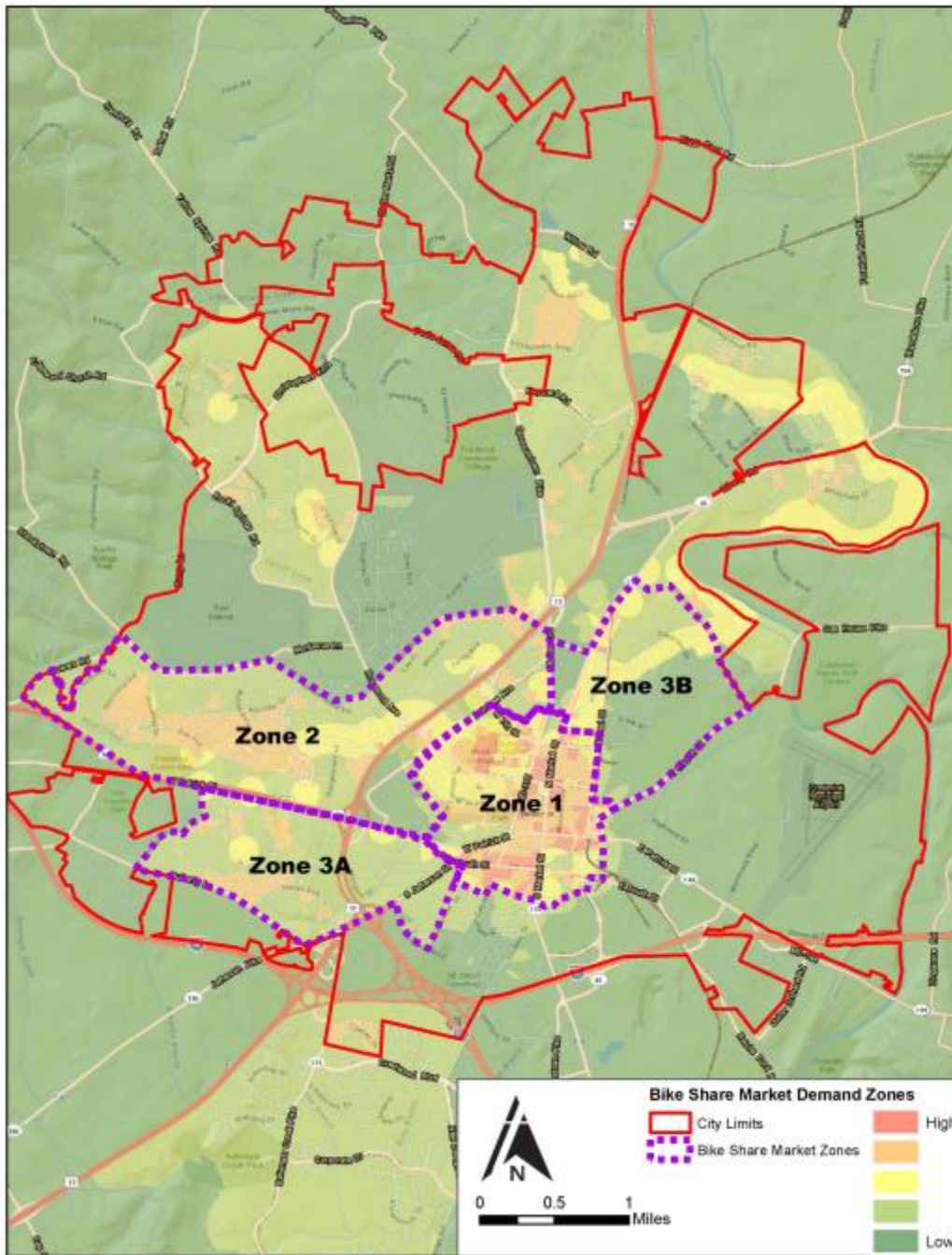
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Downtown Frederick

## DEMAND FACTORS

### Live

Population Density, Colleges, Schools

### Work

Employment Density, Colleges, Schools

### Play

Points of Interest, Arts and Entertainment, Visitor Center, Parks

### Infrastructure

Bicycle Network

### Transit

MARC Train Station

# Existing Conditions Conducive for Bike Share Implementation

- A supportive policy environment
- An increasingly changing population and employment
- Relative proximity to Capital Bikeshare
- Substantial tourist base
- Relatively flat topography



Source: Spartanburg B-Cycle

# Presentation Conclusion and Next Steps

- Draft Recommendations – nearly all complete
- Draft Feasibility Study: to Mayor and Board Spring 2014
- Important Rockville Numbers – one year from now

