

# SCOOTER SHARE IN WINSTON-SALEM

City of Winston-Salem Public Works Committee

September 11, 2018



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# WHAT IS SCOOTER SHARE?

- Dockless
- Electric powered
- 15 MPH top speed
- Upright, two-wheeled scooters
- Mobile applications
- Pay per ride
  - \$1/ride + \$.20/minute



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# EVOLUTION OF THE TRANSPORTATION SHARING SYSTEM

- Docked Bicycle Share
- Dockless Bicycles
- Dockless Scooters
- Future?



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# SCOOTER SHARE OPPORTUNITIES

- Can help address the first and last mile of trips throughout the city
- Replacement of motor vehicles trips
- Relatively low cost to city
- Convenience to users
- Does scooter share contribute to city policy goals?



# SCOOTER SHARE THREATS

- Safety
  - Pedestrians (Sidewalk riding)
  - Scooter riders (Street riding, helmet usage)
- Accessibility
  - Blocked sidewalks
  - Blocked bicycle racks
- Costs
  - Administrative
  - Enforcement
  - Management
  - Planning
  - Engagement



# EXISTING ORDINANCES AND POLICIES

- •Sec. 42-88. - Driving on sidewalk.
- It shall be unlawful for any person to drive a motor vehicle, moped, motorized scooter, mini motorcycle, all terrain vehicle, or similar motorized conveyance on any sidewalk except at a permanent or temporary drive. Persons may ride bicycles and mobility impairment transportation devices such as wheel chairs on the sidewalk provided that the bicycle or device is operated in a manner and at speeds which do not interfere with or endanger others use of the sidewalk.



# EXISTING ORDINANCES AND POLICIES

- Sec. 42-85. - Operation of motor vehicles in public parks and other publicly owned areas.
- It shall be unlawful to operate any motorcycle, motorbike, motor scooter, motorized go-cart or other motor vehicle in or on any public park, public recreation area, public school grounds or other publicly owned property within the corporate limits of the city or in or on any such property owned by the city outside the corporate limits of the city, except on the streets, parking areas or other public ways designed and intended for motor vehicular use; provided, however, that this prohibition shall not apply to:



# SCOOTER MANAGEMENT

- Policy
- Ordinance updates
- “Guidelines for the Regulation and Management of Shared Active Transportation”
  - National Association of City Transportation Officials (NACTO)



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# SCOOTER MANAGEMENT PILOT PROJECTS

- Pilots underway in several communities, including Charlotte and Portland, Oregon
  - Implement policies and reassess after a trial period
- Learn from other communities and implement policies locally
- Resident Surveys



# POLICY CONSIDERATIONS

- Permit Fees
- Fleet size
- Safety
  - Sidewalk riding
  - Street riding
  - Trail and greenway riding
  - Bike lane riding
  - Parking
  - Helmets
- Equity
- Data Sharing
- Insurance
- Surcharge
- System balancing
- Communication between city and companies
- Communication between companies and public
- Equipment standards
- Customer privacy standards
- Charging



# ORDINANCE CONSIDERATIONS

- Permitting
- Helmet usage
- Sidewalk/Street riding
- Parking
- Definition of Scooters



# EVALUATION

- Data sharing
  - Ridership
  - Geographic distribution of ridership
  - Crashes
  - Complaints
- Approval of system introductions and expansions based on companies' ability to meet local goals



# NEXT STEPS

- Identify strategy for managing shared active transportation options
  - What goals does the City of Winston-Salem have for scooters and bicycles?
- Survey residents
- Create management policies
  - Rely on NACTO guide and examples from other communities
- Update ordinances to reflect scooters and bicycles and anticipate next innovation
- Coordinate with shared active transportation companies
- Educate the public
- Evaluate programs and management policies

