Greater Cleveland Regional Transit Authority

First Last Mile Analysis

Improving the safety, access, and infrastructure to attract more transit passengers
Goal

Increase accessibility of existing transit services with first – last mile strategies by encouraging multi-modal options through innovative design and infrastructure connections.
Cuyahoga County Household Income

- Median Income: $43,603

- Approximately **30%** live in poverty ($24,250)
Cleveland Bike Commuting

- 3rd largest city with the fastest growth in bike commuting
- 23rd largest city with highest share of bike commuters
- 68% growth from 2011 to 2016
- 1.1% of Bike Commuters in 2016

How do we create an environment to cater to more pedestrians and cyclists?
Mode Share

Institute for Quality Communities at the University of Oklahoma, reported by CityLab

Greater Cleveland Regional Transit Authority
How does GCRTA leverage current commuting trends to increase ridership?
Priority Corridors

Priority Transit Corridors 2015

Greater Cleveland Regional Transit Authority
Bike to Transit

- Cuyahoga Greenways Partners
- TLCI Grant Projects
- UHBikes
- “Bike to Work” Events
- Safe Routes to School
Bikes With Transit

- 3-Position Bike Bus Racks
- Rack-N-Roll
- Operator Safety Bulletins
- HealthLine Bike Lanes
- Bus – Bike Lanes
RTA Service and Existing Bikeways
First Last Mile Station Analysis

- Points of interest
- Walk and bike sheds
- Safety
- Origin/Destination

- Land Use/Zoning
- Existing bicycle infrastructure
- Additional transit connections
- Neighborhood Statistics
### Transit Catchment Area

<table>
<thead>
<tr>
<th>From Transit Station</th>
<th>Population</th>
<th>Low Income</th>
<th>Zero Vehicle</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-mile</td>
<td>119,836</td>
<td>77,285</td>
<td>14,311</td>
</tr>
<tr>
<td>3-mile</td>
<td>421,471</td>
<td>258,310</td>
<td>42,255</td>
</tr>
</tbody>
</table>

Greater Cleveland Regional Transit Authority
West Boulevard – Cudell Station

- Near West Side of Cleveland
- Cudell Rec and Fine Arts Center
- 3 Bus Transfers
- 100 Parking Spots
Greater Cleveland Regional Transit Authority

Key Transit Access Corridors

Bike – Pedestrian Collision Locations

Land Use Map

Transit Connections
Station Improvements

- Clear and Safe Crossings
  - City of Cleveland, Community Development Partners

- Improved and Inviting Property Entrance
  - GCRTA, City of Cleveland ROW

- Bike Racks/Shelters
  - GCRTA

- Bike Share
  - Cuyahoga County
What’s Next?

- Complete analysis for all Red Line Stations that are near neighborhood connections
- Encourage car and bike-share partnerships
- Create safe access points and stations
- Develop community wayfinding program around transit stations