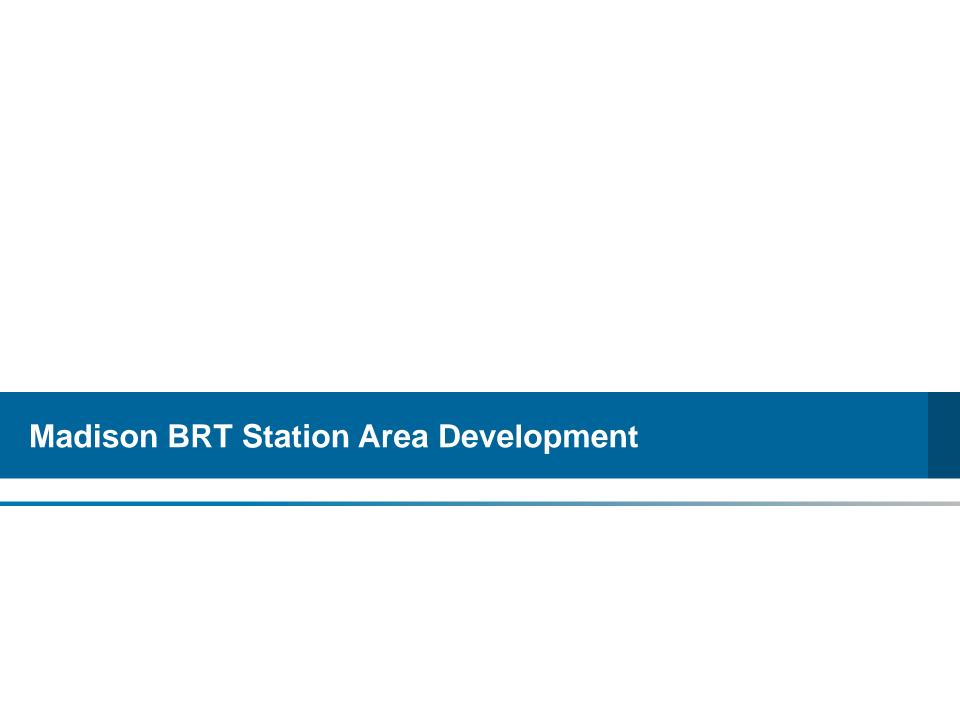


Transit Service Best Practices

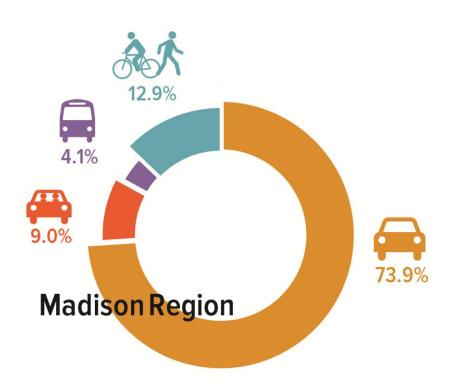
Presented by: Paul Moore

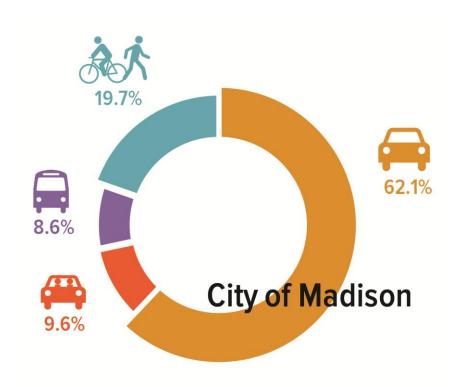
November 20, 2014



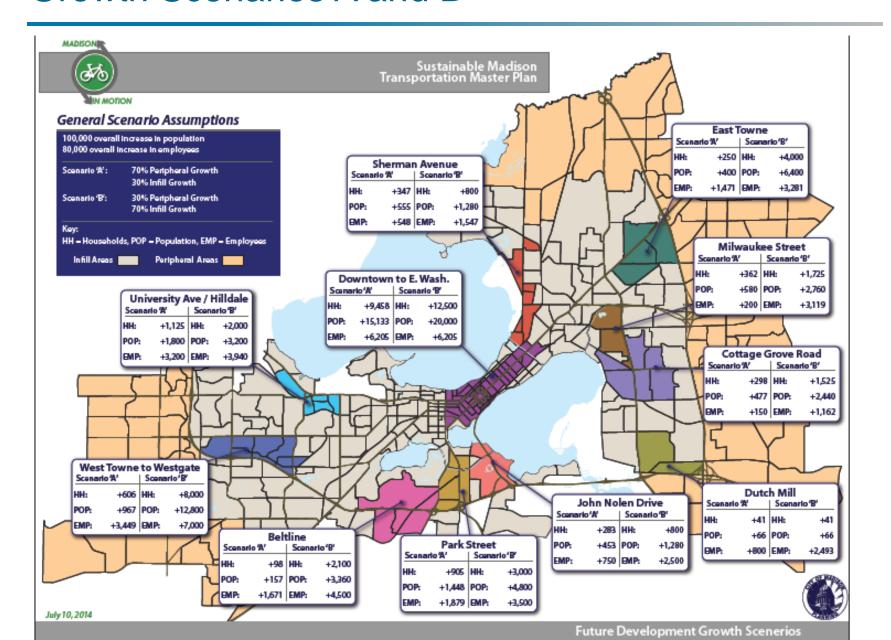


Current Mode Share

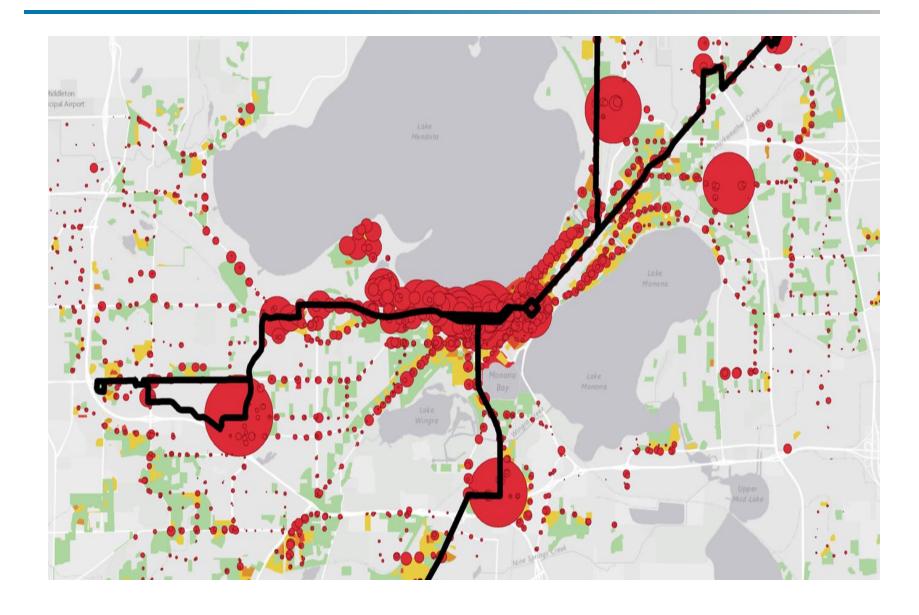




Growth Scenarios A and B

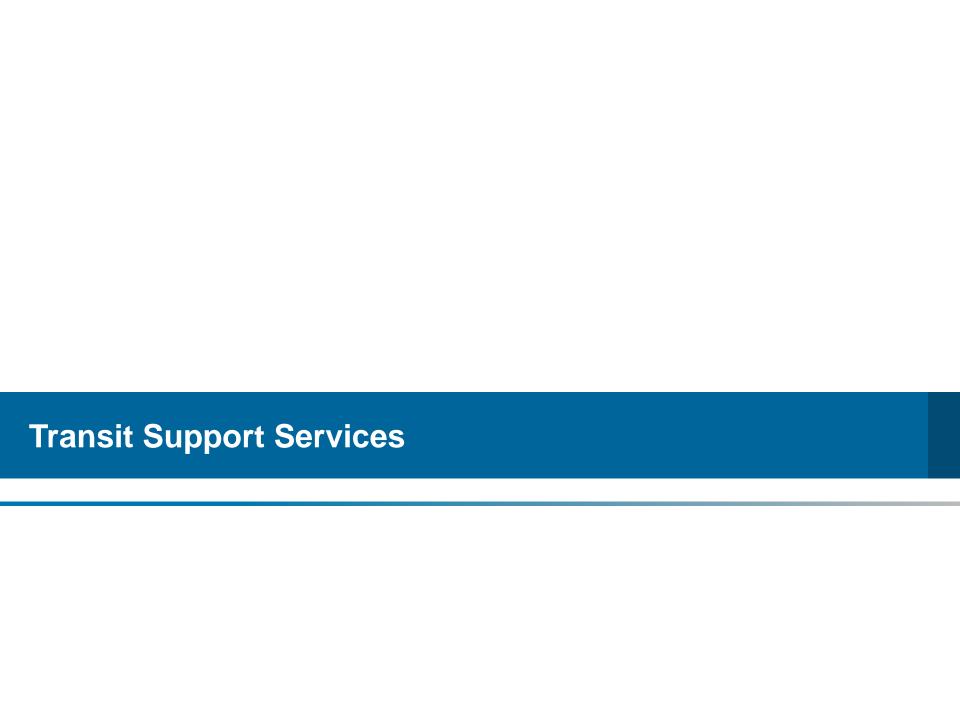


BRT Plan



Transit Trips and Mode Share

- Total Existing Corridor Trips
 - -140,000
 - 13,000 Transit Trips
- Scenario A Trips
 - 190,000 Total Trips
 - 19,000-23,000 Transit Trips (As Much As 12% Mode Share)
- Scenario B Transit Trips
 - 215,000 Total Trips
 - 25,000-32,000 Transit Trips (As Much As 15% Mode Share)
- West Corridor About 1/3 of Ridership



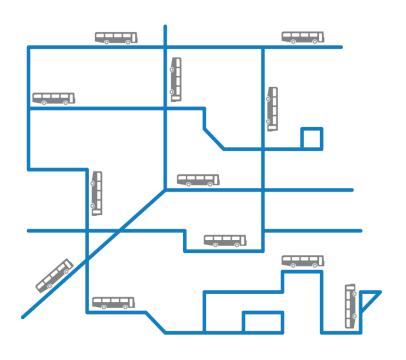
Transit Support Service Options

- Feeder Service to Premium Fixed Guideway (BRT)
 - Provides more access to the premium service route
- Circulators/Shuttles
 - Connects downtown destinations and jobs
- Access to Jobs Services

Funding Policy

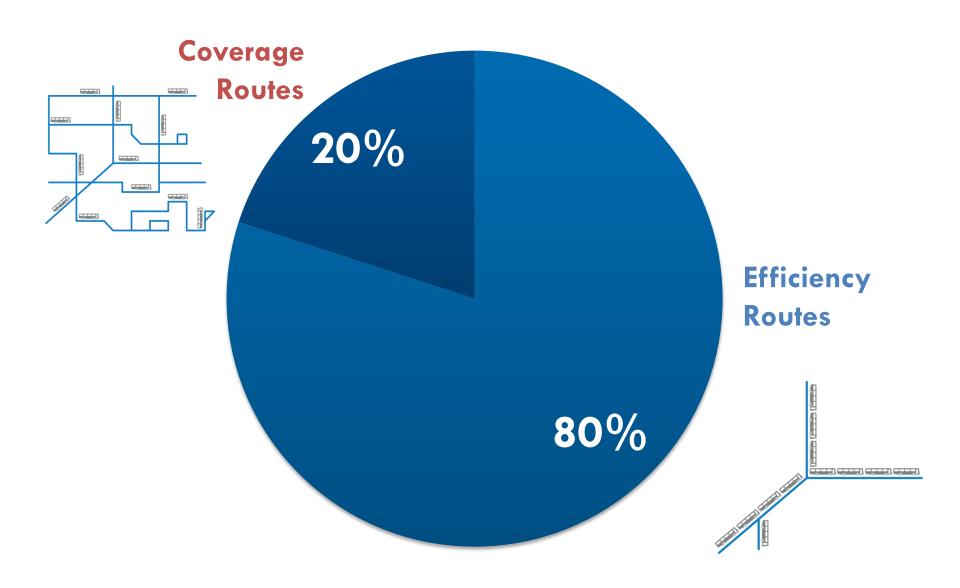
Productivity Routes

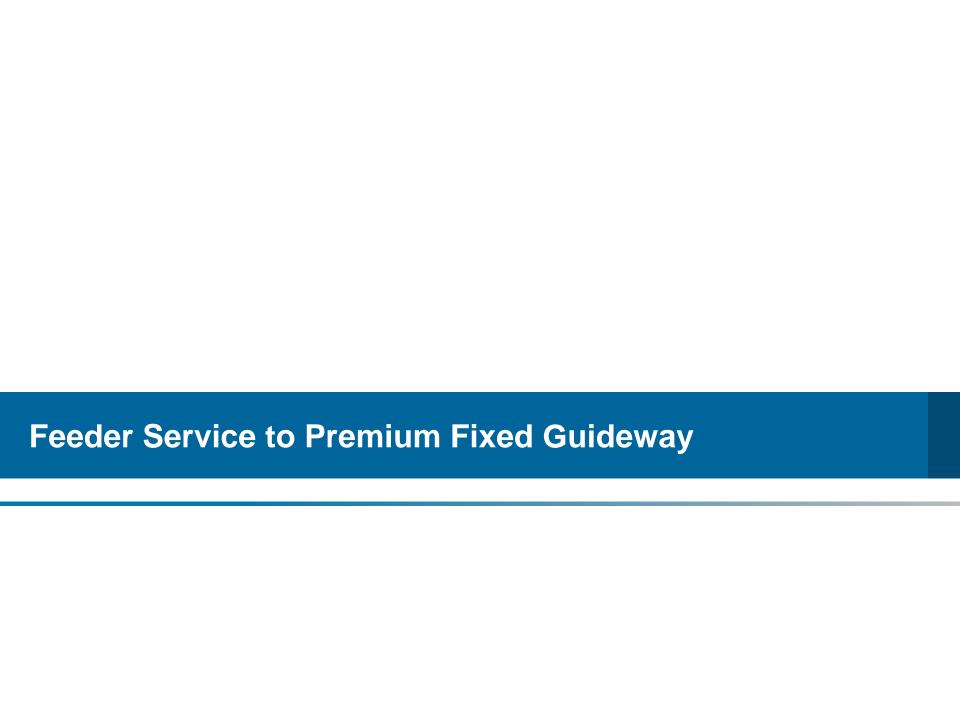
Coverage Routes



Fewer routes to fewer places Service is straight and direct Service frequency is higher More routes to more places Service meanders thru neighborhoods Service frequency is lower

Service Allocation Policy Example

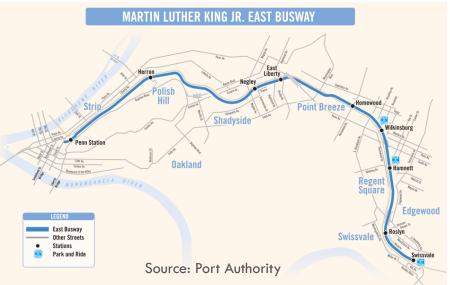




Port Authority of Allegheny County – Pittsburgh, PA

- Port Authority Busways serve as dedicated runningways for buses traveling into and out of downtown Pittsburgh
- A significant number of bus routes use the busways, which speed up service
- Within the busways, all routes share the same designated stops – all upgraded stations
- 3 existing busways: East, South, and West





GCRTA - Cleveland, OH

- The Healthline BRT service runs along Euclid Ave into downtown Cleveland
- Service connects to 4 rail stations, including Tower City/Public Square hub

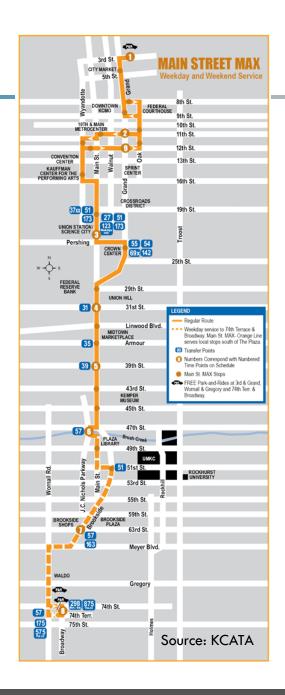




KCATA – Kansas City

- Metro Area Express (MAX)
 BRT Service runs along the
 Main Street corridor through
 downtown Kansas City
- MAX fed by other KCATA services



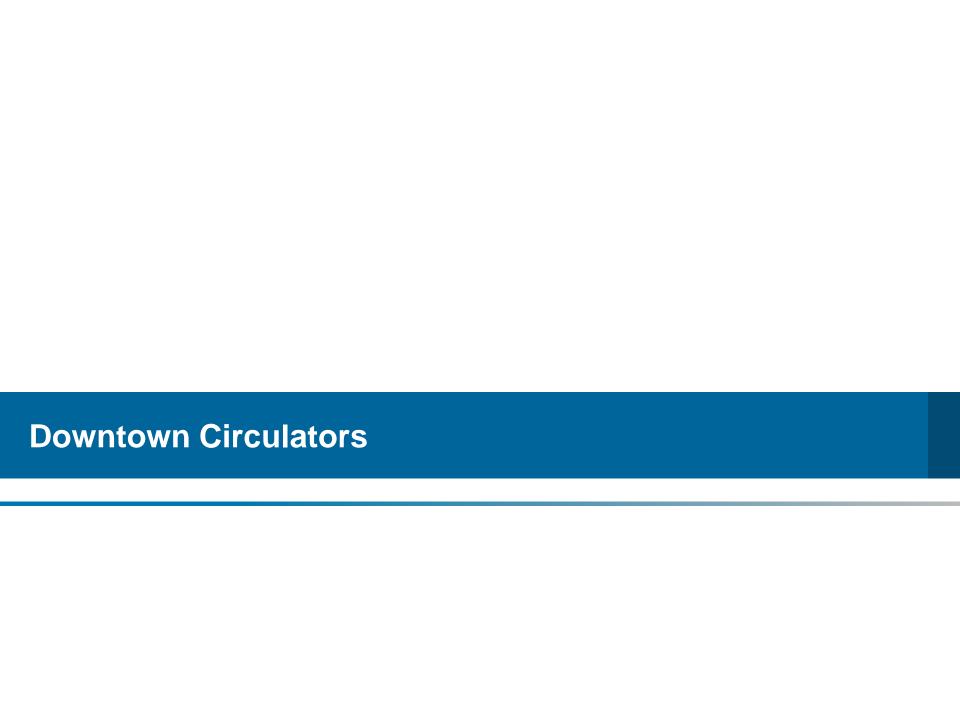


KCATA – Kansas City

- MetroFlex service provides on-demand buses within specified zones
- These buses can be booked in advance or can be met at scheduled locations (transfer points)
- MetroFlex service offers larger service coverage to lower-density areas that would not be served effectively by fixedroute service
- MetroFlex Route 298 provides last mile connections to the MAX on Main St and Troost Ave







CBUS - Columbus, OH

- C-Bus is a circulator that connects downtown destinations and surplus parking in the Arena District
- Service is free and runs every 10-15 minutes
- Funding comes from the Central Ohio Transit Authority (COTA)



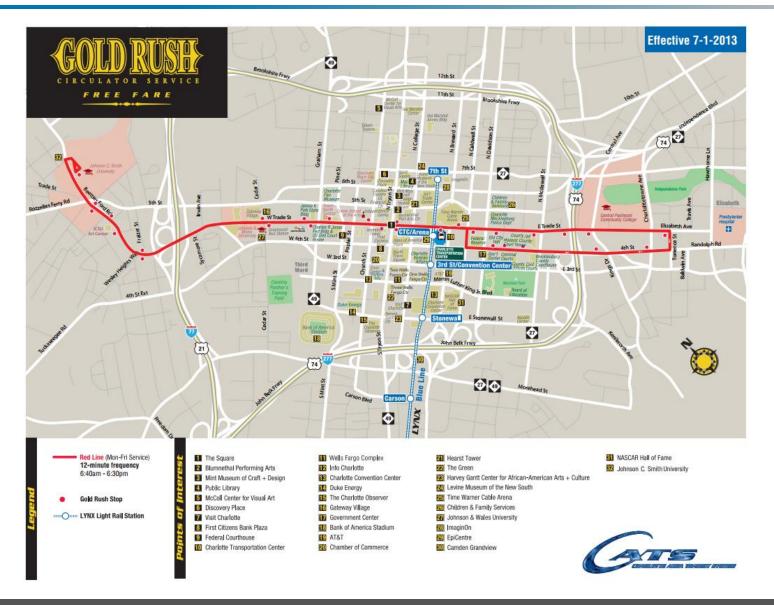


Gold Rush - Charlotte, NC

- Gold Rush is a circulator that provides E-W connections to light rail (LYNX) and local bus service (CATS), as well as downtown destinations
- Service is free and runs through downtown
- Operates based on a park-once strategy
- Majority of funding comes from private donations (Bank of America, Duke Energy), not from the Charlotte Area Transit System (CATS)



Gold Rush – Charlotte, NC

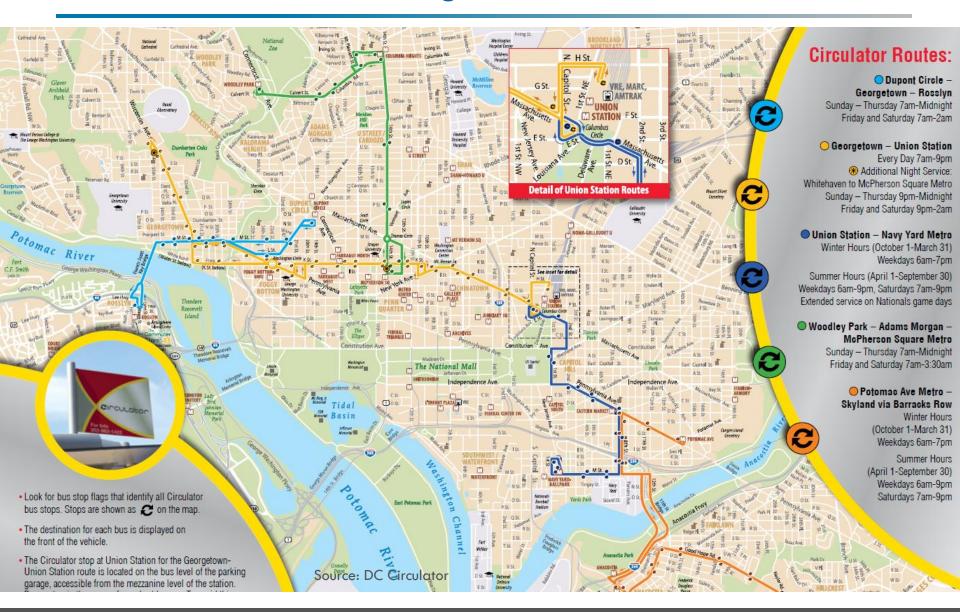


DC Circulator - Washington, D.C.

- D.C. Circulator was a Downtown Business Improvement District initiative
- It is a product of a public/private partnership between DDOT, WMATA, and DC Surface Transit, Inc
- There is a network of 5 circulator-style routes that provide community service within D.C. for a \$1 fare
- More of a traditional transit service

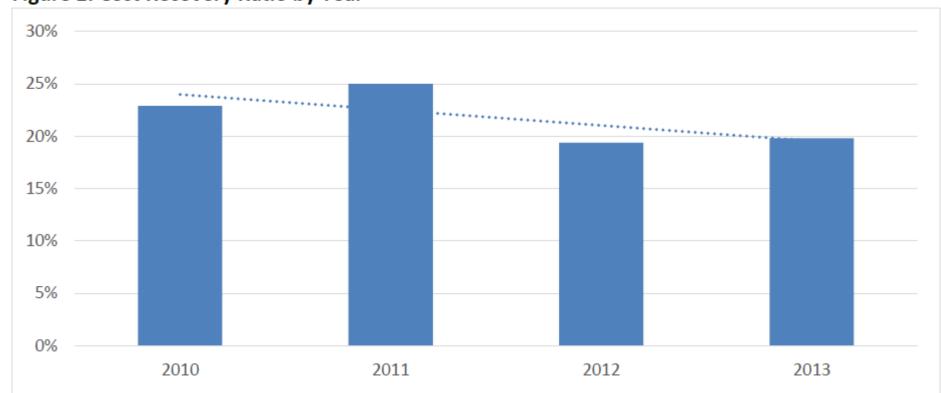


DC Circulator - Washington, D.C.



Funding

Figure 1: Cost Recovery Ratio by Year



DART Shuttles - Des Moines, IA

LINK is a free shuttle operated by the Des Moines Area Regional Transit Authority (DART) that circulates downtown on 7th and 8th Streets and serves the Center Street Park & Ride

D-Line is a free shuttle running in a loop through downtown along Grand Ave and Locust Street

The two routes cross in downtown



Monday – Friday Service Effective February 23, 2014

Center St

Hop, Skip, Jump... - Boulder, CO

CU Main Campus/ East Campus via Colorado

Boulder/Longmont via Diagonal Hwy

Boulder/ Jamestown (operated by VIA)

Boulder/ Gold Hill (operated by VIA)

Boulder/ Louisville/ Lafayette via S. Boulder Rd

STAMPEDE

BOLT

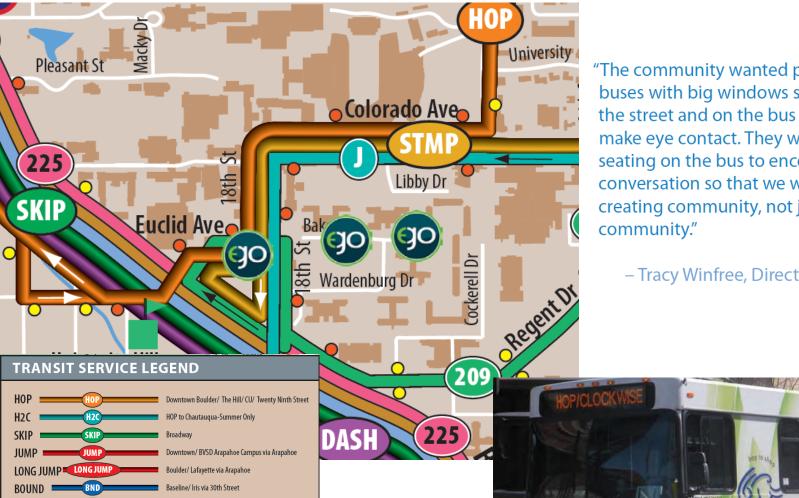
CLIMB

DASH

BOLT

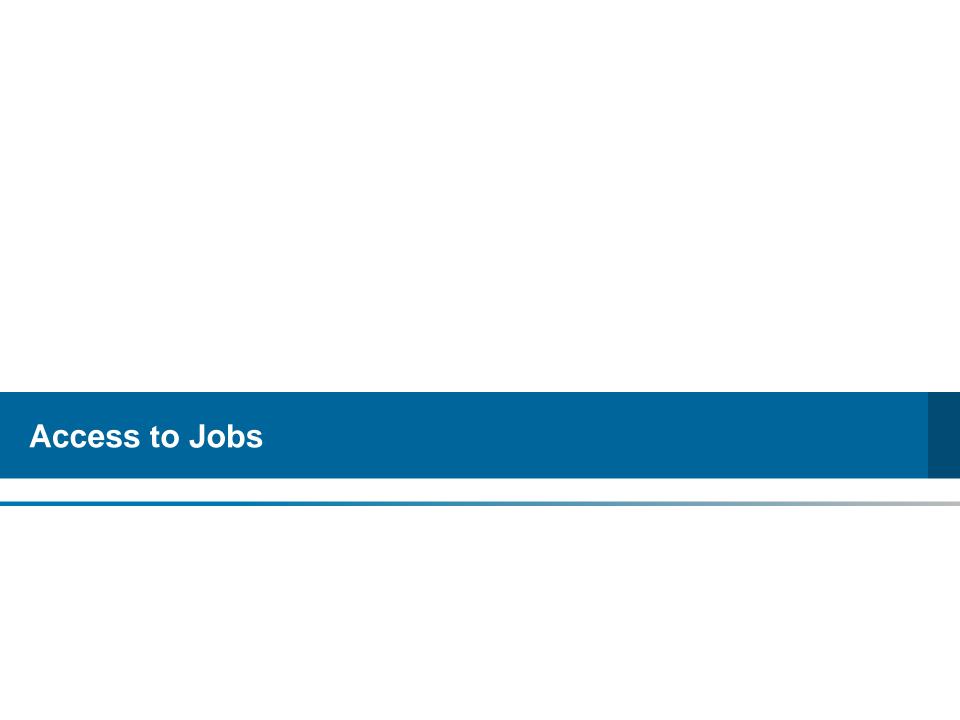
CLIMB

CLIMB



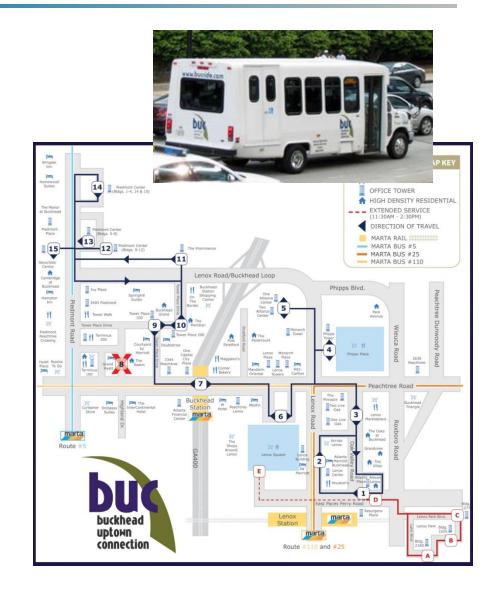
"The community wanted pedestrian-scale buses with big windows so that people on the street and on the bus could actually make eye contact. They wanted perimeter seating on the bus to encourage conversation so that we were actually creating community, not just serving the

- Tracy Winfree, Director of Public Works



The Buc – Atlanta, GA

- The Buc is a free shuttle service in the Buckhead business district of Atlanta
- The service connects to two MARTA heavy rail stations, as well as bus stops
- It provides service to major employment centers, office towers, and shopping destinations
- It is funded by the Buckhead Community Improvement District, the Buckhead Area Transportation Management Association, and also receives federal funding



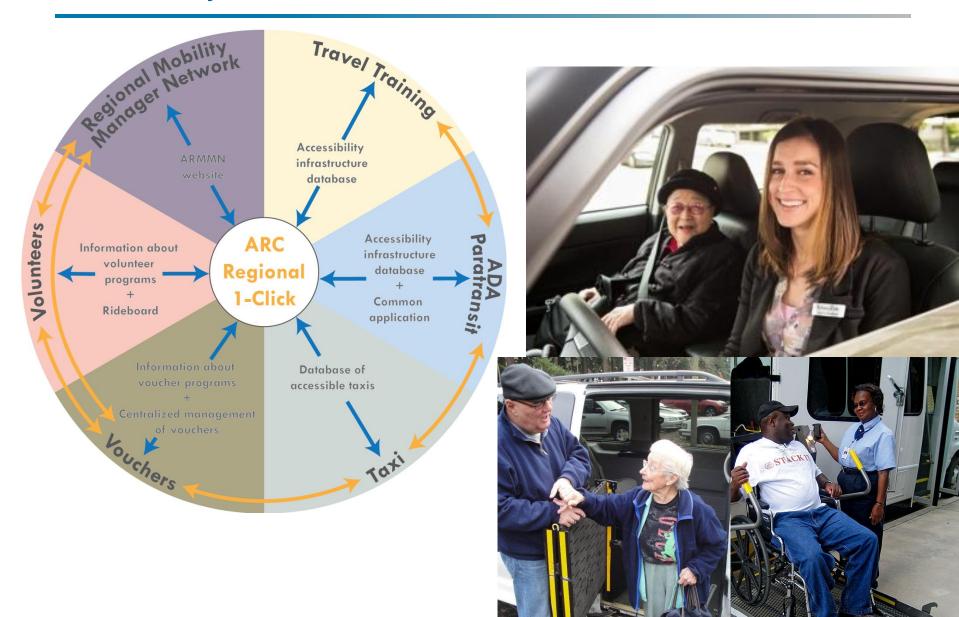
128 Business Council – Boston, MA

- The 128 Business Council is the Transportation
 Management Association
 (TMA) for the 128 West region (Boston Metro)
- The TMA provides shuttle services along the Route 128 corridor to connect neighborhoods, major employers, and institutions to existing MBTA stations
- There are 7 different shuttle routes connecting into 4 separate transit stations



Source: 128 Business Council

1-Click System – Atlanta, GA



Thank You!



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