Alabama Transit Past - View

- Radial Network — Many to one network — Downtown dominate destination
  • Bus seen as the major transportation mode/cell of the city
  • Density primarily the city
  • Serviced limited surrounding areas
- Not stigmatized
- Mobility & Access
- Highway infrastructure change
- Cars delivered freedom to move to other areas

Reduce Congestion

- More Congestion
- Cities need more for multi-purposes
- Car parking congestion is high
- Reduce emissions, using CNG or zero-polluting buses
- Reduction in urban areas can be significant by more than 50% less carbon emissions
- Transportation is key, as it is a winner in more than 90% less carbon emissions

Network Connectivity

Main street transit demand needs

How To Drive in Atlanta

- Morning Rush Hour — 5am – Noon
- Evening Rush Hour — Noon – 7pm
- Friday Rush Hour — Starts Thursday Morning

Transit – Present View (Times have changed)

- Connectivity connect people to jobs and education
- More discrete locations across many communities
- 65% of Americans have no access to public transportation
- Millennials consider public transportation as the best option for digital socializing and among the best for connecting with communities.
- Urbanism is real

Convenience is important

- Core part of our urban cities & economic development
- Cities and suburbs are changing
- Revitalization of downtowns,
- Walkable communities
- Scooters and bikes
- Demand is real
7- Customer Demand
1. Is there where I need to go?
2. Can I easily connect from one location to another?
3. How many stops do I have to wait?
4. Is it a good use of my time?
5. Is it flexible, can I easily change my plans?
6. Can I trust it?
7. Is it safe, clean?

Transit Is Evolving (Growing)

Infrastructure

- Collaboration & Partnership
- Regional Discretionary Funding
- Transportation Authority
- Infrastructure Projects
- Capitol
- Infrastructure

Modes Transit

- Transit Modes
  - Fixed Routes
  - Bus Rapid Transit (BRT)
  - Rail (Light Rail, Green Line)
  - Micro Transit
  - On Demand Services
  - Autonomous Vehicles

Green Emissions
- Electric Fleets
- Autonomous Vehicles
- On Demand Services
- Micro Transit
- Rail Planning
- Bus Rapid Transit (BRT)
- Fixed Routes

The Future - Transit On The Grow

Rebuilding Infrastructure (biggest in history)

- Improve Equity
  - Equity access and opportunity to underserved, overburdened and disadvantaged communities
  - Developing TOD to support new urban revitalization

Modernize BUCN's Transit Infrastructure

- Increase transit in ridership based on better service
- Offer various modes of transportation
- Reform Bus Route Network with use of multiple modes
- Change interaction with communities, service by community

Purchase more low carbon emission vehicles
- Electric vehicles
- Hydrogen Fuel Cell Stations

Work with officials, local partnerships for constant sustainability
- Elect officials to make the hard decisions
- Model change possible
- Ensure service after infrastructure money

Partner with ALDOT to change landscape of crowded highways
- Partnership with bus only lanes
- Diving points, times especially
- Use shoulders

Transit on the Grow

- High quality planning
- Design of land use and built forms to support, facilitate and prioritize: not only the use of transit, but the most basic modes of transport - walking and cycling.
- Home values: 24% higher near public transportation than other areas of growth
- Close off streets/parking

- Respect for Planning
- Helps
- Must
- 7. Can I trust it?
- 6. Can I easily change my plans?
- 5. Is it flexible, can I easily change my plans?
- 4. Is it safe, clean?
- 3. Is it running when I need it to run, is it a good use of my day?
- 2. Is it convenient for me, how long do I have to wait?
- 1. Is it taking me where I want to go?
Transit Benefits

Expands access to opportunities
- Connect people to jobs, education
- Allows less travel time if there are walk to their stops or stations
- Of all riders, 73% are employed and 7% are students.

Increase functionality of the City
- Convenience and Connectivity
  - Ensure a seamless mix of Transit options
  - Rapid vs. regular (route vs. fixed, bus, rail, streetcar)

Economic
- Save $1 invest in public transportation generates $9 in annual sales
  - 27% of trips on public transit have a direct impact on the local economy.
  - Investment in public transportation supports and creates jobs.
  - Capital investment in public transportation yields increased business sales.
  - For every dollar spent on transit, there are $18 in savings
  - Home values were up to 20% higher near public transportation than in other areas.
  - Hotels in cities with direct rail access to airports raise 11% more revenue per room than hotels in those cities without.

Cleaner Environment; Emissions
- Electric vehicles

Transit Challenges

Converging Public/Private Resources
Consistent and Sustainable Funding Models
Scaling the footprint of Transit
Dispelling old beliefs, generalized hostility
  - (move forward in our minds)
Upfront local costs

Questions