A GROWING AND DIVERSE REGION

The Dallas-Fort Worth area is the fourth largest metropolitan region in the country in terms of population - and it is growing. With a current population of 7 million, the area adds approximately 1 million people every decade. By 2040, the region will be home to nearly 10.7 million people and will provide 6.7 million jobs.

CURRENT POPULATION: 7.0 MILLION

2040 POPULATION: 10.7 MILLION

CURRENT EMPLOYMENT: 4.6 MILLION

2040 EMPLOYMENT: 6.7 MILLION

The region’s population and employment are expected to grow by 53 percent and 47 percent, respectively. This growth will increase demand on the region’s already congested transportation system.

Source: The Metropolitan Transportation Plan For North Central Texas  Executive Summary, NTCOG Staff, 2017
DART Fast Facts

700 square miles
2.3M service area population
13 service area cities

Trips:
Annual Fixed Route: 65.5M
Total Annual System: 67.1M
Average weekday FR: 228,000

“Moving people one journey at a time”
A Multi-Modal System
Now and in the Future

• 94 Miles of Light Rail with 64 Stations
• 34 Miles of Regional (TRE) Rail with 10 Station
• 25 Miles of Cotton Belt Rail with 11 stations (2022)
• 2 miles of Streetcar
• 166 DART Bus Routes including
  – 11 Site Specific Shuttles Route with Partner Funding
• 180 Regional Vanpools
• Dynamic Carpooling Program
• 13 Microtransit Zones
• ADA Paratransit Services
• Taxi-Based Fare Share Program
DART’S Shared Mobility Vision

CONTINUOUSLY IMPROVE THE TRANSPORTATION EXPERIENCE
A seamless and user-friendly solution for public and third party mobility transport options with a one-touch payment solution.

EXPAND THE REACH OF PUBLIC TRANSPORT
Lower the cost and expand the reach of public transportation to provide high quality, first and/or last mile services including use of TNC’s now and autonomous vehicles when technologically feasible.

ACCESS TO ALL CONSUMERS
Integrate equitable MOD solutions including comparable access for the unbanked, disabled, low income, smartphone challenged customers and typically non-transit customers.
Simple Idea:
Integrated Ticketing, Payment and Mobility Options

Partially Sponsored by FTA MOD Sandbox Demonstration
The terms “first mile/last mile” refer to the distance a person must travel to get to or from a transit stop. DART is working with transportation partners to increase the options available to bridge that distance and make riding transit a viable choice for more people.
Mobility Vision 1
Rail and High Frequency Bus
Mobility Vision 2

Shared Mobility Zones Where Traditional Transit Fails
Growing Microtransit Usage in Plan

- Legacy
- North Central Plano

Legend:
- Pick-Up Locations
- Drop-Off Locations

DART: let's go.
Growing Microtransit Usage In Southern Sector

Kleberg Zone in June 2018

Rylie Zone in June 2018
Overall Microtransit Pilot Results

- Significant ridership increases in areas with service gaps
- Decrease in call volumes due to app usage
- Substantial decline in dispatch activity
- Service provided with 10 minutes of request in all zones

Monthly Ridership Results

DART Microtransit (GoLink) Ridership

Partially Sponsored by FTA MOD Sandbox Demonstration
Is MOD Microtransit Financially Viable?

Not Viable without TNC Style Pricing

Subsidy per rider Legacy Fixed Route 346 which was by MicroTransit

$35

GoLink Subsidy per Rider

$18.07 In Legacy Zone
$12.36 in N Central Zone

TNC Subsidy per Rider in GoLink Zones

$5.51
GoPass 3.0 Timeline

2018
- Project Startup and Backend Development
- Backend Development and App development (iOS and Android)
- Third-party on-demand integration
- QA Testing

2019
- GoPass 3.0 Pilot Continues
- Estimated Full Launch of services at the end of January 2019

2019
- GoPass 3.0 Pilot Testing
- Full Integration with TNCs, bike share and various other modal opportunities.
- New trip planner with enhanced customer experience
Key Takeaways for AV Pilot in DART Service Area

• Proven multi-modal transit system serving 2.3 million residents
• Committed to an improved high frequency network supplemented by a large number of on demand zones for first-last mile services
• One of 11 FTA funded sites to pilot test shared mobility services
• Committed to using TNC’s and AV Shared ride services
• Financial resources to invest in high quality shared mobility zones including 13 already in operation serving all parts of the service area
• Technology, engineering, planning and financial staff available to support investments in new technologies over the long term
Largest Growth Area for Low Skill Jobs is Outside Transit District

Largest Population of Transit Dependent Persons Is in DART Service Area
Low Income Neighborhoods
Job Access By Transit in Dallas

• Vickery Meadows Neighborhood
• ML King Station Area (South Dallas)
• LBJ Skillman Station Neighborhood
• West Dallas Neighborhood
• Kiest Station Neighborhoods
• Red Bird Mall Neighborhood
Vickery Meadows Neighborhood Job Access Within 60 Minutes Using Transit
Jobs Accessible within 60 minutes by transit from ML King Station Neighborhood in South Dallas
Jobs Accessible within 60 minutes by transit from LBJ-Skillman Station Neighborhood

Jobs Accessible By Transit
Jobs Accessible Within 60 minutes by transit from West Dallas Neighborhood

<table>
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[Map showing jobs accessible by transit]
Jobs Accessible within 60 minutes by transit from Kiest Station Neighborhood in Oak Cliff

Jobs Accessible By Transit

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<td>160,712</td>
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<tr>
<td>60</td>
<td>402,212</td>
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</tbody>
</table>
Jobs Accessible Within 60 minutes by transit from Red Bird Mall Area

Job Access by Transit

15 minutes: 2,586
30 minutes: 16,086
45 minutes: 33,415
60 minutes: 135,747
Southern Sector Mobility on Demand Zones

SOUTHERN SECTOR ZONES
Full Service February 26
1 peak Vehicles per zone
Growing Microtransit Usage Dallas Inland Port

UNT/INLAND PORT GO-LINK
August 2018 - Passenger Pick-Up and Drop-Off Locations

LEGEND:
- Pick-Up Locations
- Drop-Off Locations
Expansion of Inland Port GoLink Beyond the DART Service Area
Next Step to Expand Transportation
A Transportation Management Association

- Sources for funding for public transportation to the Inland Port
  - DART
  - Workforce Solutions Greater Dallas (Grant)
  - Dallas County and Municipalities
  - Inland Port Development and Business Community
  - Private Foundations
  - NCTCOG and RTC --- Two year partial federal funding
Questions

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