



The Future of Mobility is Now

Re-Engage Meet Up on Mobility

April 30, 2019




A Growing and Diverse Region

The Dallas-Fort Worth Metroplex is the fourth largest metropolitan region in the country.


CURRENT POPULATION:
7.0 MILLION



1 million people 

2040 POPULATION:
10.7 MILLION



1 million jobs 

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 New Regional (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

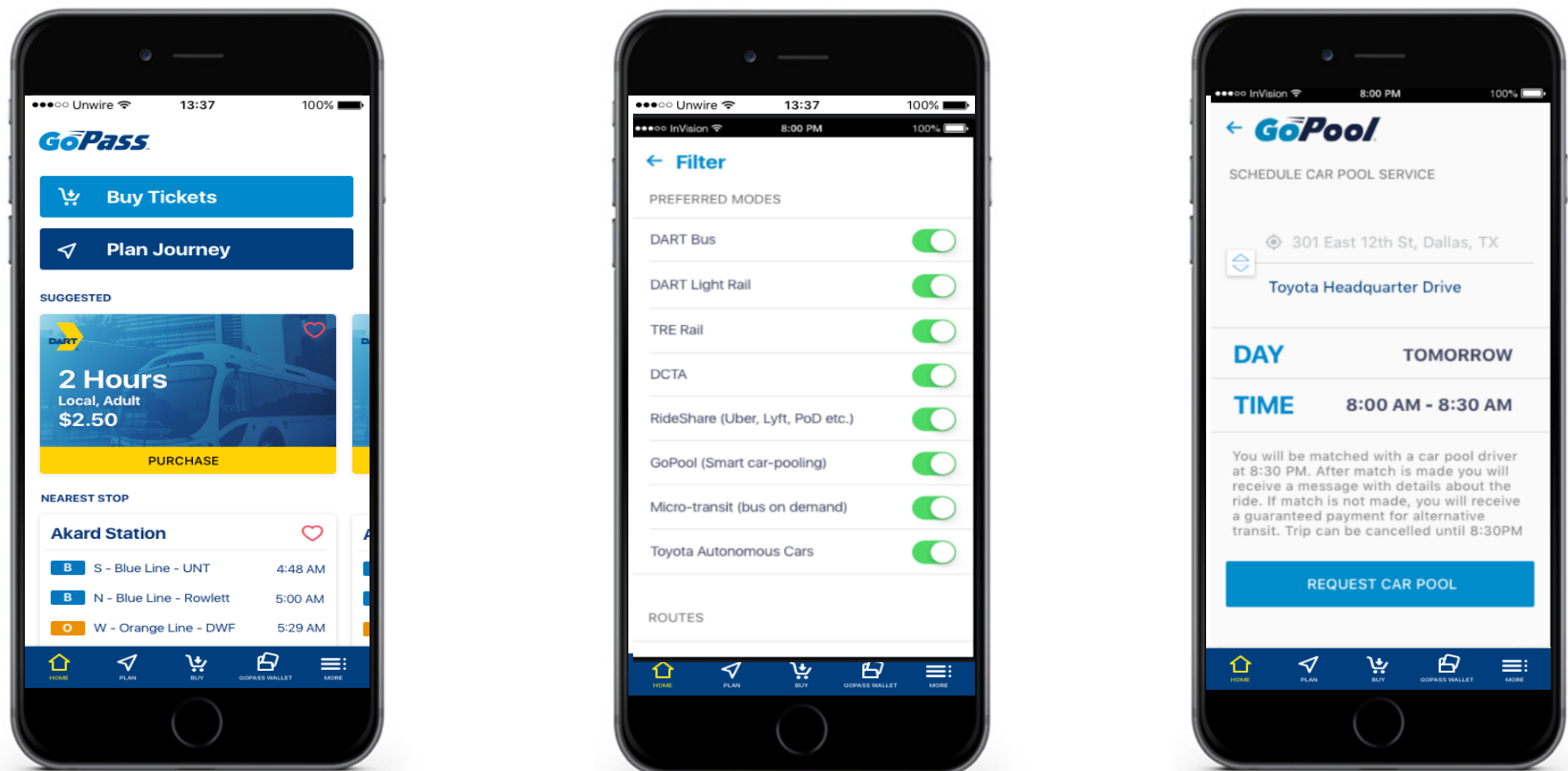
Lower the cost and expand the reach of public transportation to provide high quality, first and/or last mile services including use of TNC's now and autonomous vehicles when technologically feasible.



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.

Progress on the Vision: GoPass integrates Ticketing, Payment & Mobility Options



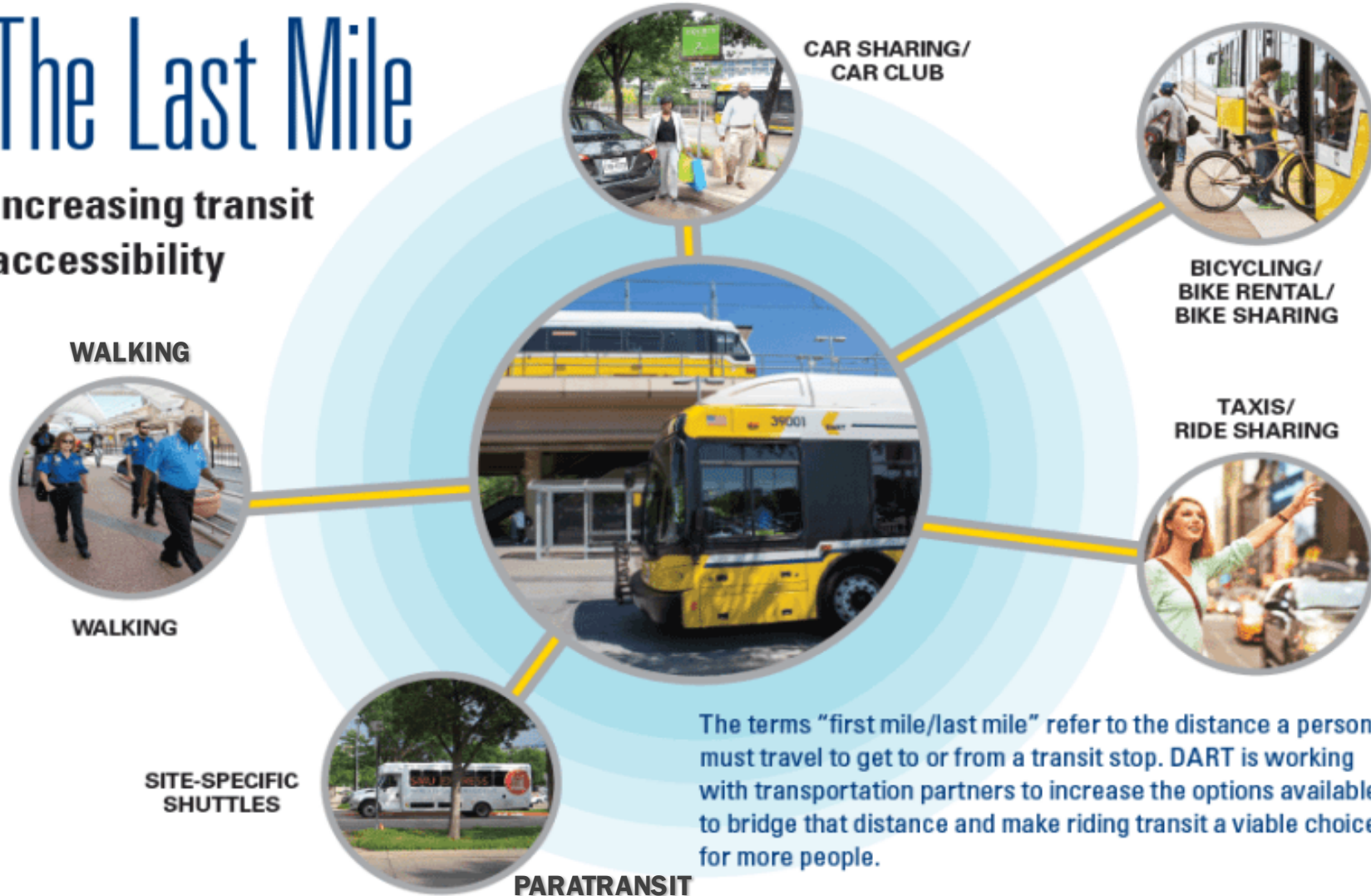
DART won a nationally competitive FTA MOD Sandbox demonstration grant to partially fund this new approach.

Progress on the Vision:

New Last Mile options partnering with third parties

The Last Mile

Increasing transit accessibility



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.

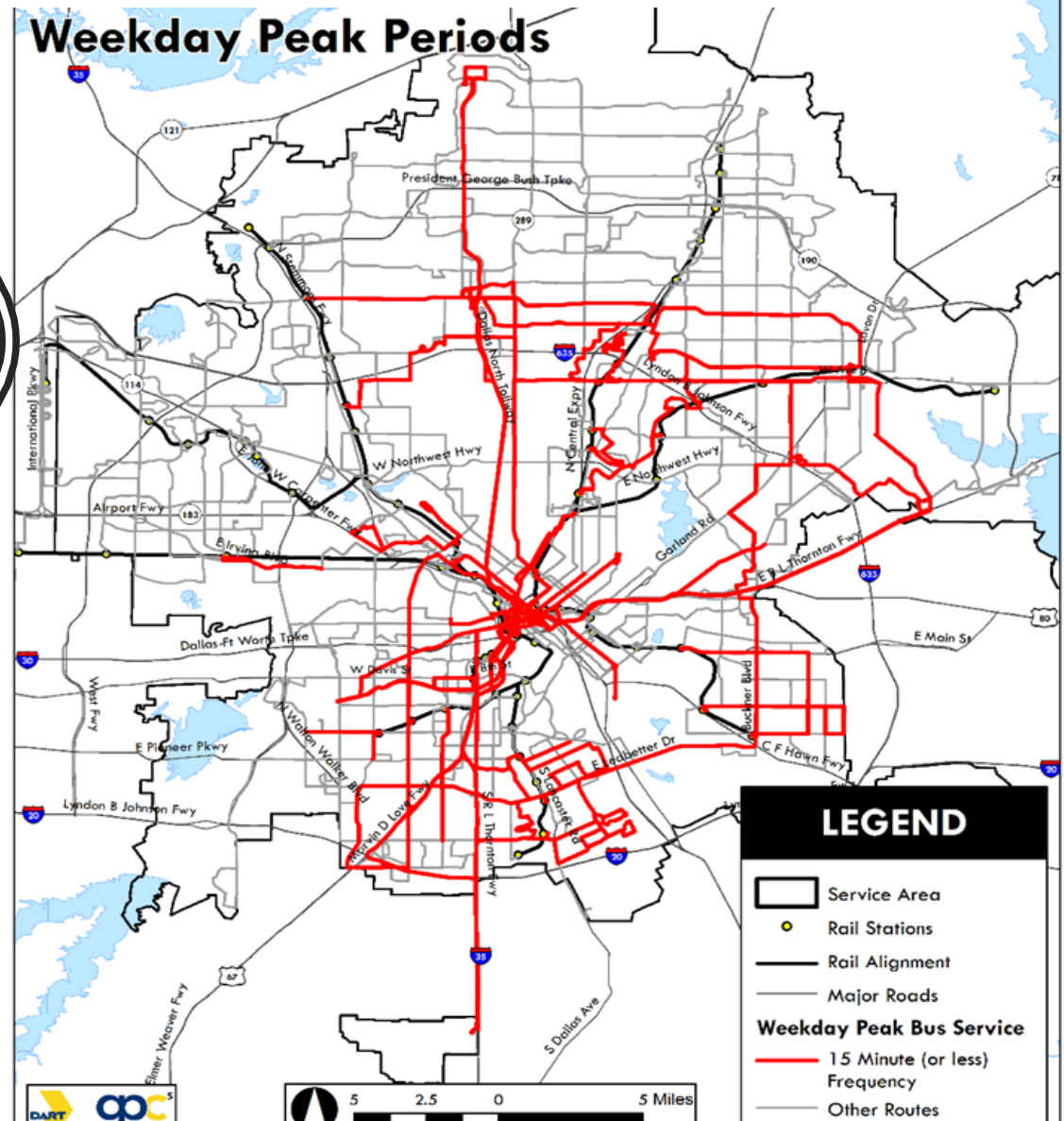
Progress on the Vision:

VanPool, Car Share, Bike Lids and Racks-



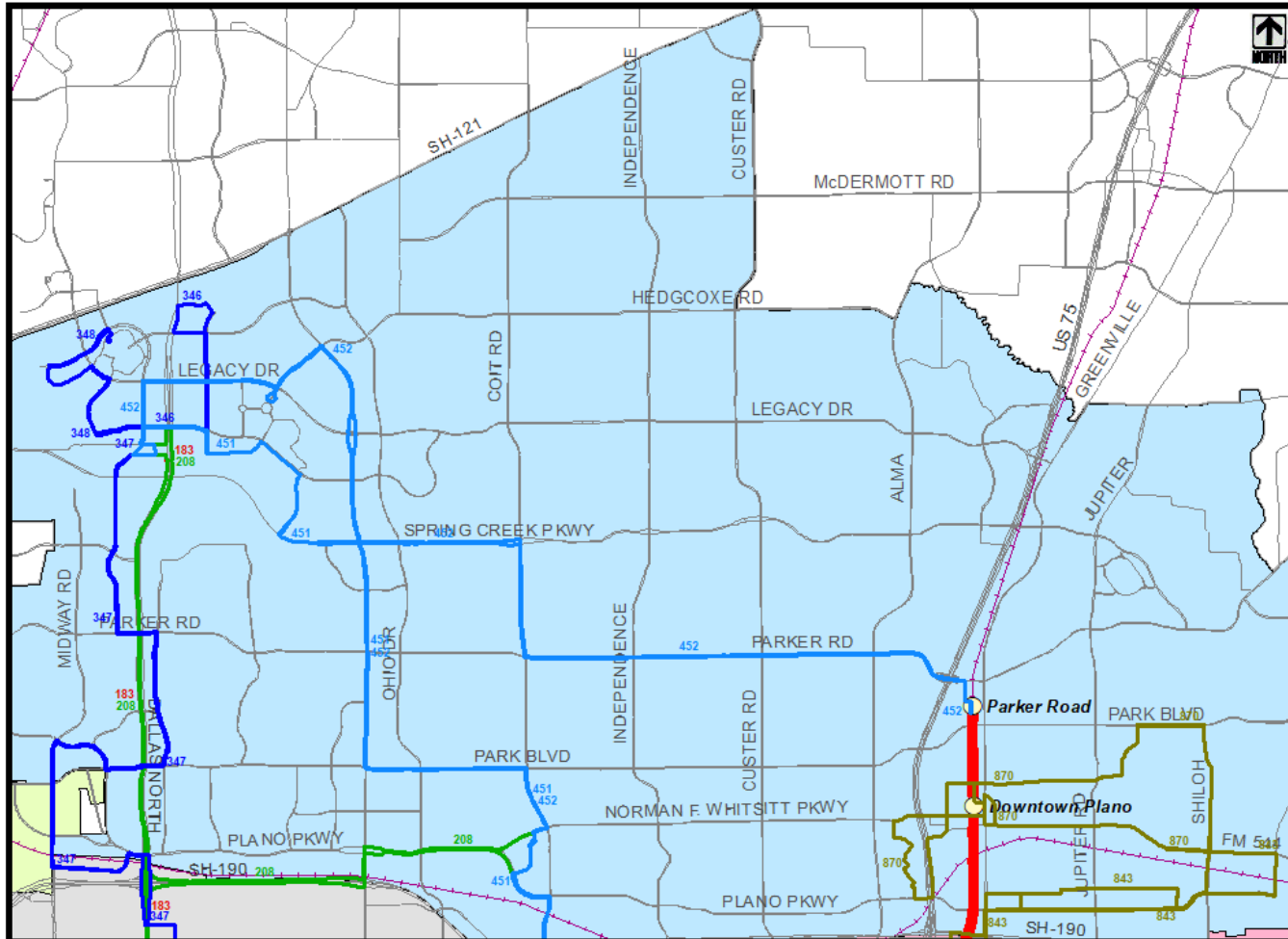
Progress on the Vision: New High Frequency Long-Distances Routes

Rail and High
Frequency Bus



Plano's Service before March 2017

PLANO SERVICE BEFORE 2017



- Before March 2017 Plano had nine routes operated out of NW Plano P&R or Parker Rd. Station

Changes – Legacy Area

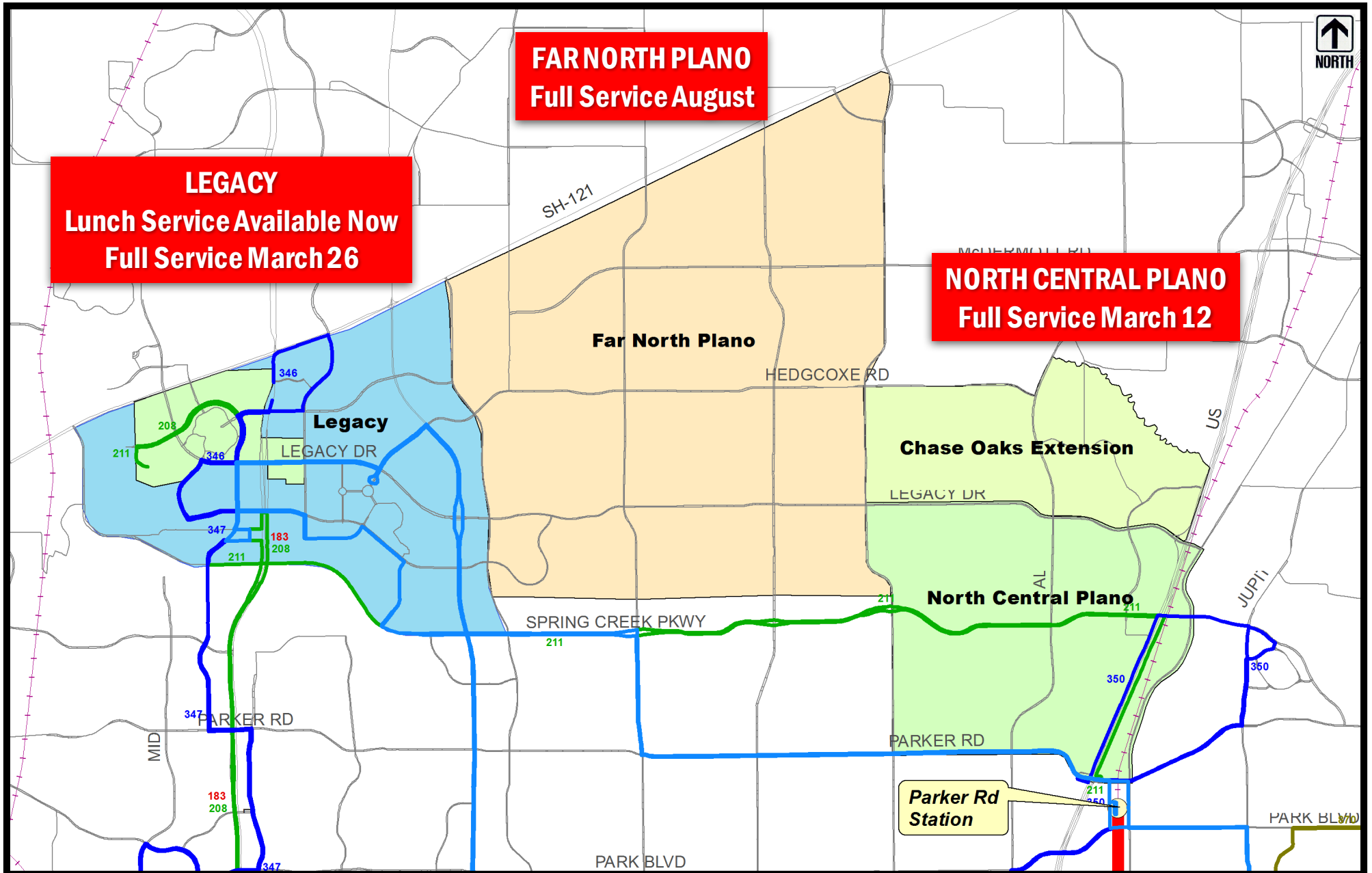
On March 13, 2017 DART implemented these changes:

- Extended Route 208 beyond the Park & Ride to serve major corporate campuses
- Introduced new Route 211 to provide a faster, more direct connection between Parker Road Station and major corporate campuses in Legacy
- Reconfigured 346 and 348 as a single route to serve remaining Legacy destinations that merit service (2018 these routes replaced with Legacy GoLink)
- These modifications improved service to Legacy West from both Downtown Dallas and the Parker Road Station

October 2, 2017

- Toyota Lunchtime service started

Plano's Current Service 2019



Progress on the Vision:

Measuring and sharing results—Bus Ridership

RIDERSHIP FOR ROUTES THAT SERVE PLANO (FEBRUARY 2019)				
Bus Routes	Average Weekday	Average Saturday	Average Sunday	Monthly Total
183	892	525	295	21,124
208	768	N/A	N/A	15,368
210	155	N/A	N/A	3,096
211	193	N/A	N/A	3,855
347	522	345	0	11,813
350	524	243	N/A	11,451
410	748	421	356	18,077
451	991	600	394	23,800
452	486	354	194	11,918
841	131			2,621
843	57	N/A	N/A	1,133
870	153	73		3,349
Sum for Feb 2019	5620	2561	1238	127,605
***Routes in red also have service outside Plano				

Progress on the Vision:

Measuring and sharing results—Bus Ridership

Dallas Area Rapid Transit

BUS SYSTEM RIDERSHIP - ANNUAL CHANGE

AVERAGE DAILY PASSENGER BOARDINGS

February 2018 - 2019

Number	Route Name	WEEKDAY			SATURDAY			SUNDAY		
		2018	2019	Percent Change	2018	2019	Percent Change	2018	2019	Percent Change
183	ADDISON TRANSIT CENTER	1038	892	-14.0%	398	525	31.9%	313	295	-5.8%
208	NORTHWEST PLANO EXPRESS	743	768	3.4%	0	0	-	0	0	-
210	JACK HATCHELL TC EXPRESS	183	155	-15.5%	0	0	-	0	0	-
211	LEGACY WEST	164	193	17.6%	0	0	-	0	0	-
347	ADDISON TC - PRESBYTERIAN HOSP PLANO	476	522	9.7%	213	345	61.7%	0	0	-
350	ADDISON TC - COLLIN COUNTY COLLEGE	590	524	-11.2%	289	243	-15.9%	0	0	-
410	PARKER RD/S GARLAND	781	748	-4.1%	499	421	-15.6%	334	356	6.6%
451	COIT/NW PLANO P&R	983	991	0.8%	573	600	4.7%	356	394	10.8%
452	PARKER ROAD/NW PLANO P&R	484	486	0.6%	253	354	40.2%	150	194	29.8%
841	TELECOM CORRIDOR FLEX	143	131	-8.6%	0	0	-	0	0	-
843	SOUTH PLANO FLEX	74	57	-23.8%	0	0	-	0	0	-
870	EAST PLANO FLEX	151	153	1.5%	84	73	-12.9%	0	0	-

***Routes in red also have service outside Plano

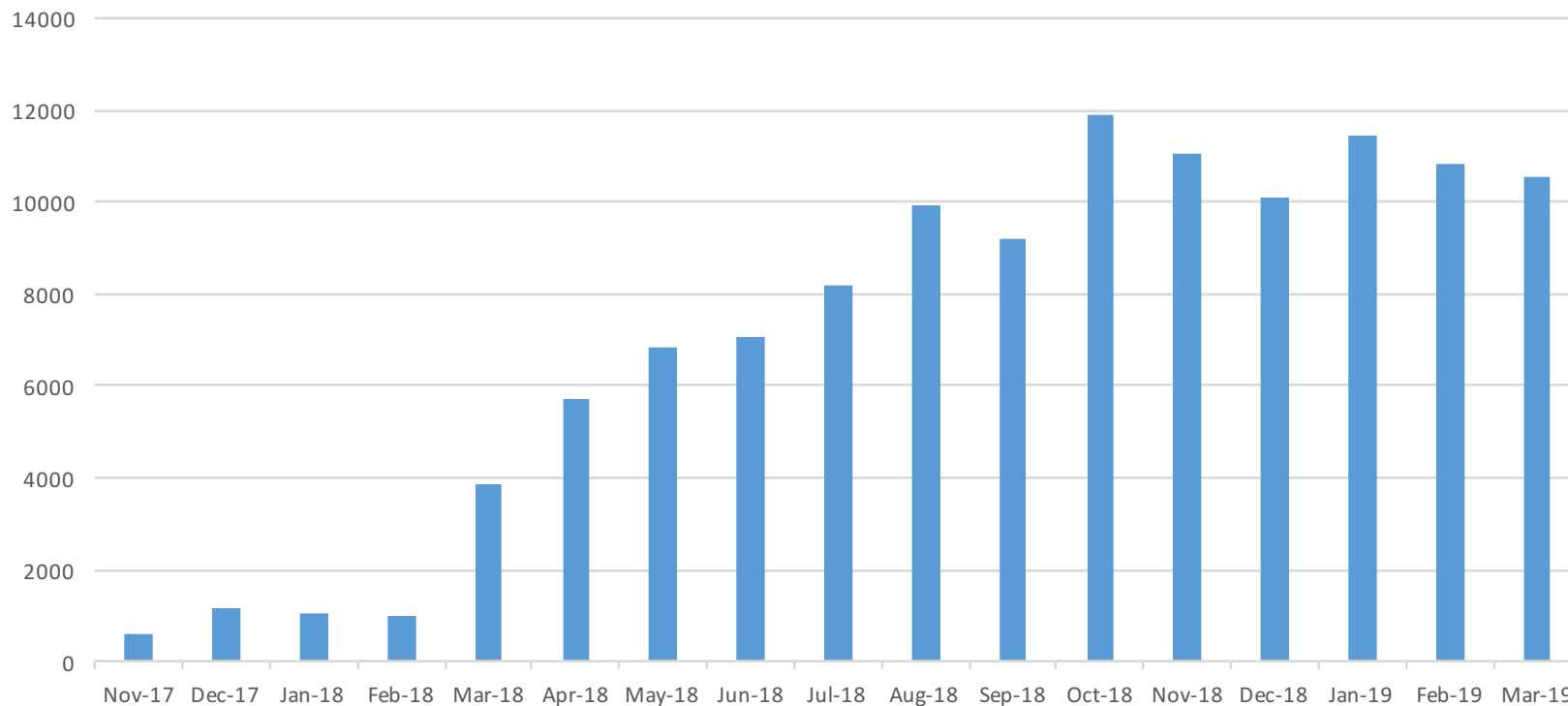
Progress on the Vision:

Measuring and sharing results—Micro-transit Ridership

14

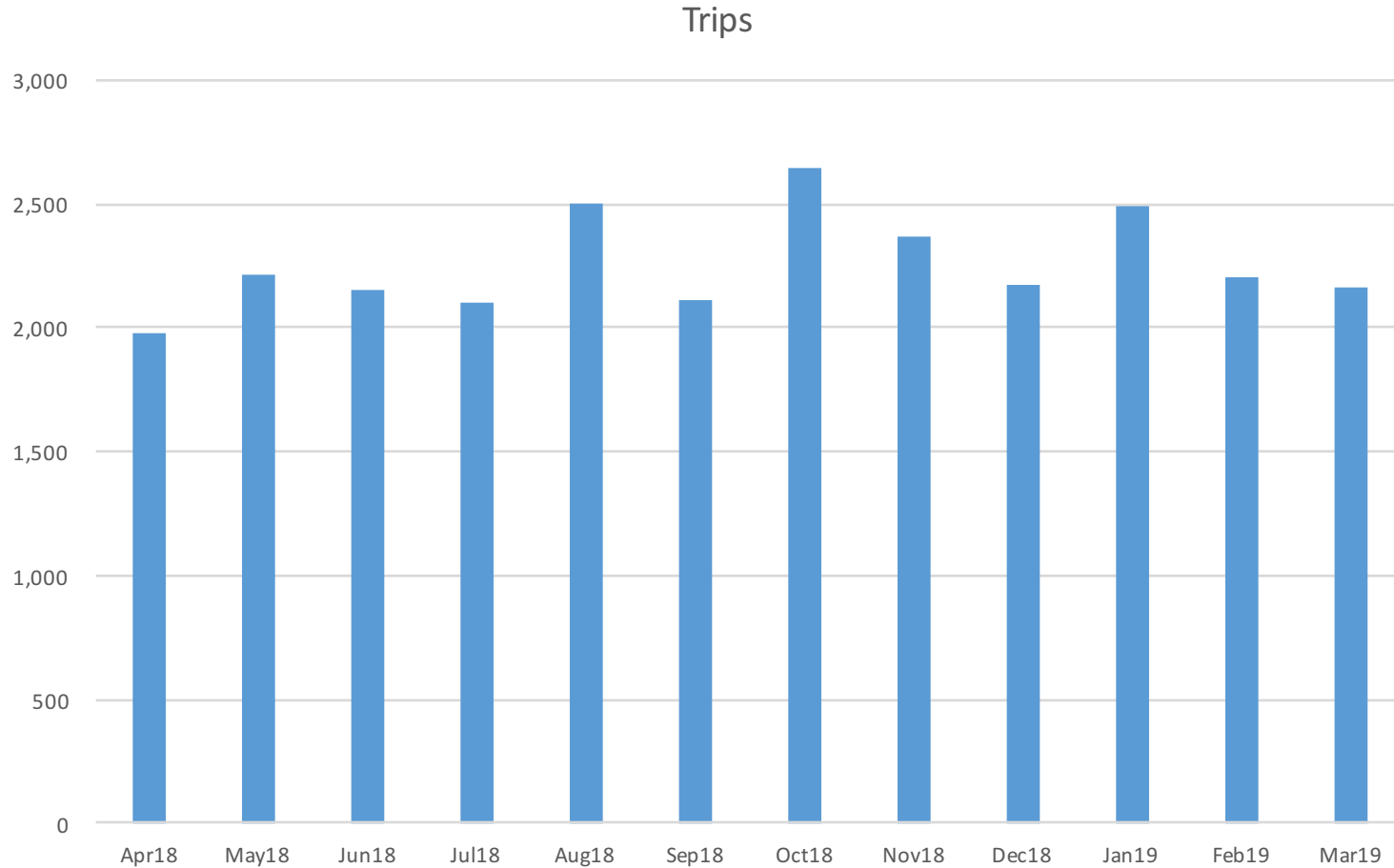
- Significant micro transit ridership in areas with service gaps
- Decrease in call volumes due to app usage
- Substantial decline in dispatch activity
- Service provided within 10 minutes of request in all zones

DART Microtransit (GoLink) Ridership

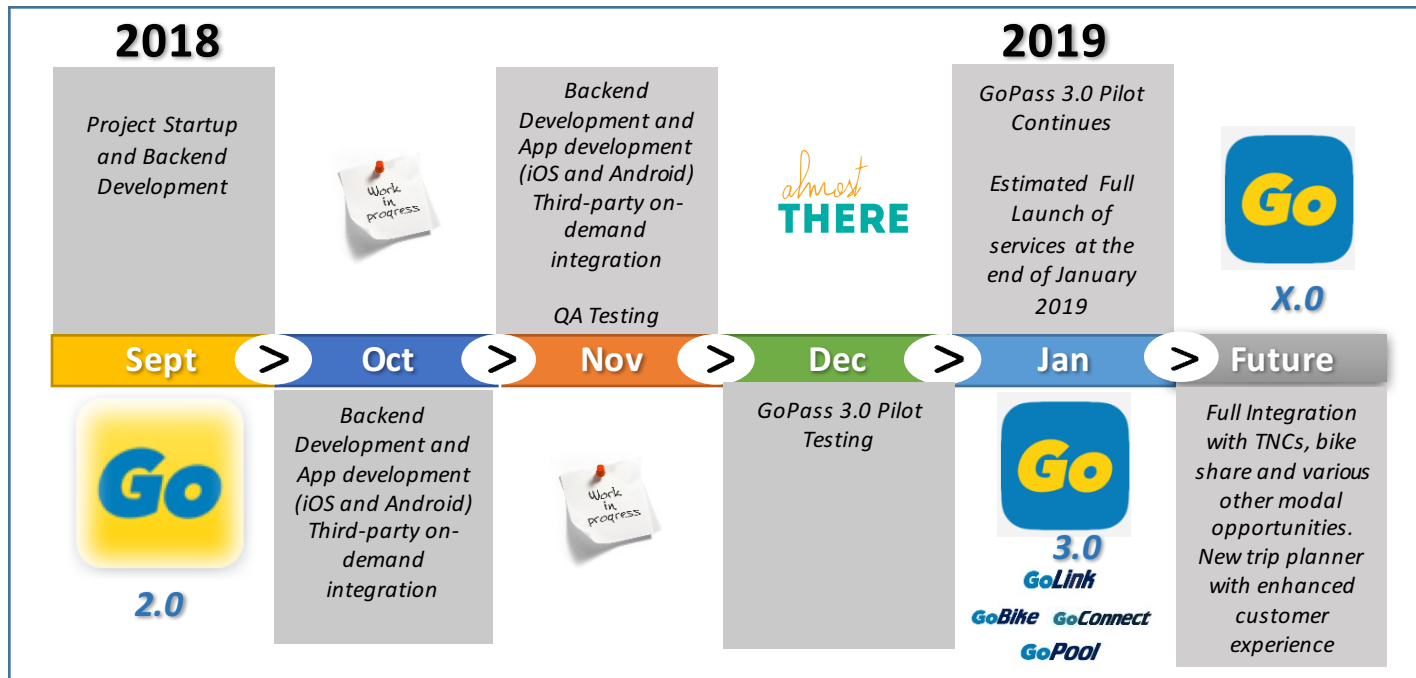


Progress on the Vision:

Measuring and sharing results— Legacy Ridership



GoPass 3.0 Timeline



Key Takeaways

- Winning a nationally competitive FTA technology grant has DART at the front of the pack for transit innovations.
- DART is working with third parties to fill gaps in our core multi-modal transit system already serving 2.3 million riders.
- New Vision approach is showing positive results with a focus on rail expansion, core high frequency upgraded bus routes, and integrated first/last-mile TNC options that replace ineffective service and fill gaps in transit service.
- TNC's (Uber & LYFT) and other shared ride services have been cost effectively integrated to improve DART service.
- DART remains committed to future integration of new technologies and TNC's for better service at lowered cost.

For more information:

Robert B. Parks, AICP
robparks@dart.org



DART.org