

## City Council Meeting Handouts

June 19, 2023

- I. DART Programs and Topics of Interest
- II. Envision Richardson Comprehensive Plan Update
- III. Transportation and Mobility Work Plan



# DART Update to Richardson City Council

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Nadine S. Lee  
DART President & CEO  
June 19, 2023

# DART Facts

- 700-square-mile service area
- 13 cities
- 3762 employees
- FY 2023 budget = \$1.74B
  - \$874M capital
  - \$638M operating
  - \$224M debt service
- Sales taxes were 61% of FY 2022 budget



# DART Facts



Total Bus Fleet: 692

Bus Transit Centers: 14

Bus Stops: 6,878

FY 2022 Bus Ridership: 22.7 million

Total Light Rail Fleet: 163

Light Rail System Miles: 93 miles

Light Rail Stations: 65

FY 2022 Light Rail Ridership: 17.7 million

A yellow and white bus with the number 41041 is parked on a city street. The bus has an advertisement on its side. In the background, there are several tall, modern buildings with glass facades. The sky is blue with some clouds. The entire image has a light blue overlay.

# **CITY OF RICHARDSON SERVICE LEVELS**

# DART Services in Richardson

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- Light Rail – 2 rail lines (Red and Orange); 4 rail stations (Arapaho, CityLine/Bush, Galatyn Park, Spring Valley)
- Bus – 11 bus routes(200, 202, 232, 238, 240, 243, 245, 247, 250, 408, 883)
- GoLink – 2 GoLink zones (East Telecom, Central Richardson)
- Paratransit

# Q2 FY 2022 DART Ridership in Richardson

- 145,581 light rail boardings
- 368,062 bus boardings
- 3,242 GoLink boardings
- 6,239 paratransit Boardings

# Then

## COVID Pandemic

- Economy shut down
- Revenue uncertainty
- Misinformation about transit
- Steep ridership decline
- Labor shortages
- DART voluntary retirement program





# Now

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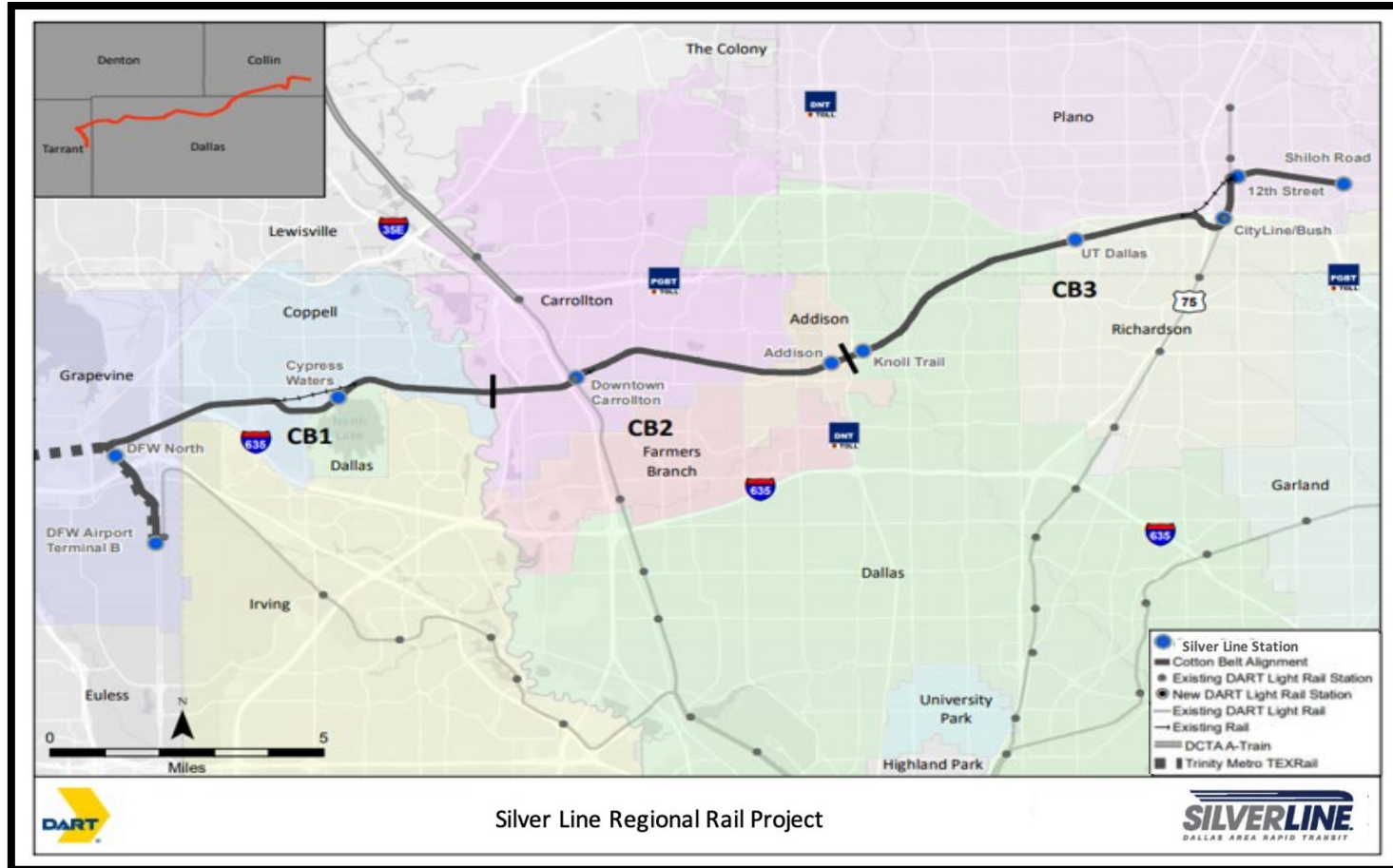
- New DART leadership in place
- Ridership nearly 70% of pre-pandemic, and rising
- Silver Line construction progressing
- Economy performing well
- New approach and focus on rider experience





# **PROJECTS AND PROGRAMS**

# DART Silver Line Project Map



# DART Silver Line Project Facts

- \$2.1 Billion Design-Build Project
- 26-Mile Alignment Serving the 7 Cities:
  - Addison
  - Carrollton
  - Coppell
  - Dallas
  - Grapevine
  - Plano
  - Richardson
- 10 Rail Stations
- 4 Rail Connections (Green, Orange, Red Light Rail, and TEXRail)
- Revenue service anticipated late 2025 to mid-2026



# Vehicle Update



Vehicle shipment anticipated to start July 2023



# Vehicle Update



Lower-level passenger area



Exterior painting of vehicle



# Vehicle Update

## Service Hours

- Weekday service is currently scheduled from 6:00 a.m. to 9:00 p.m.
- Service hours could be as early as 5:00 a.m. or as late as 11:00 p.m.
- 30-minute peak
  - 6:30 a.m. – 9:00 a.m.
  - 2:30 p.m. – 5:00 p.m.
- 60-minute Non-peak



# Vehicle Update

## Anticipated Station to Station Travel Times (Minutes)

Station	Eastbound Direction	Westbound Direction
DFW Terminal B	-	58
DFW North	7	51
Cypress Waters	17	40
Downtown Carrollton	24	33
Addison	32	24
Knoll Trail	35	22
UTD	42	14
CityLine/Bush	48	8
12 <sup>th</sup> Street	52	4
Shiloh Road	57	-





# Stations Construction Update



# Richardson - CityLine Bush Station



*Inspiration for the CityLine Bush Station is convergence and connectivity.*



# Richardson - CityLine Bush Station



# Richardson - CityLine Bush Station



Installation of the standing seam roof at CityLine Bush Station



# Richardson - UT Dallas Station



*Inspiration for the UTD Station was the campus.*



# Richardson - UT Dallas Station



# Richardson - UT Dallas Station



UTD Station platform construction



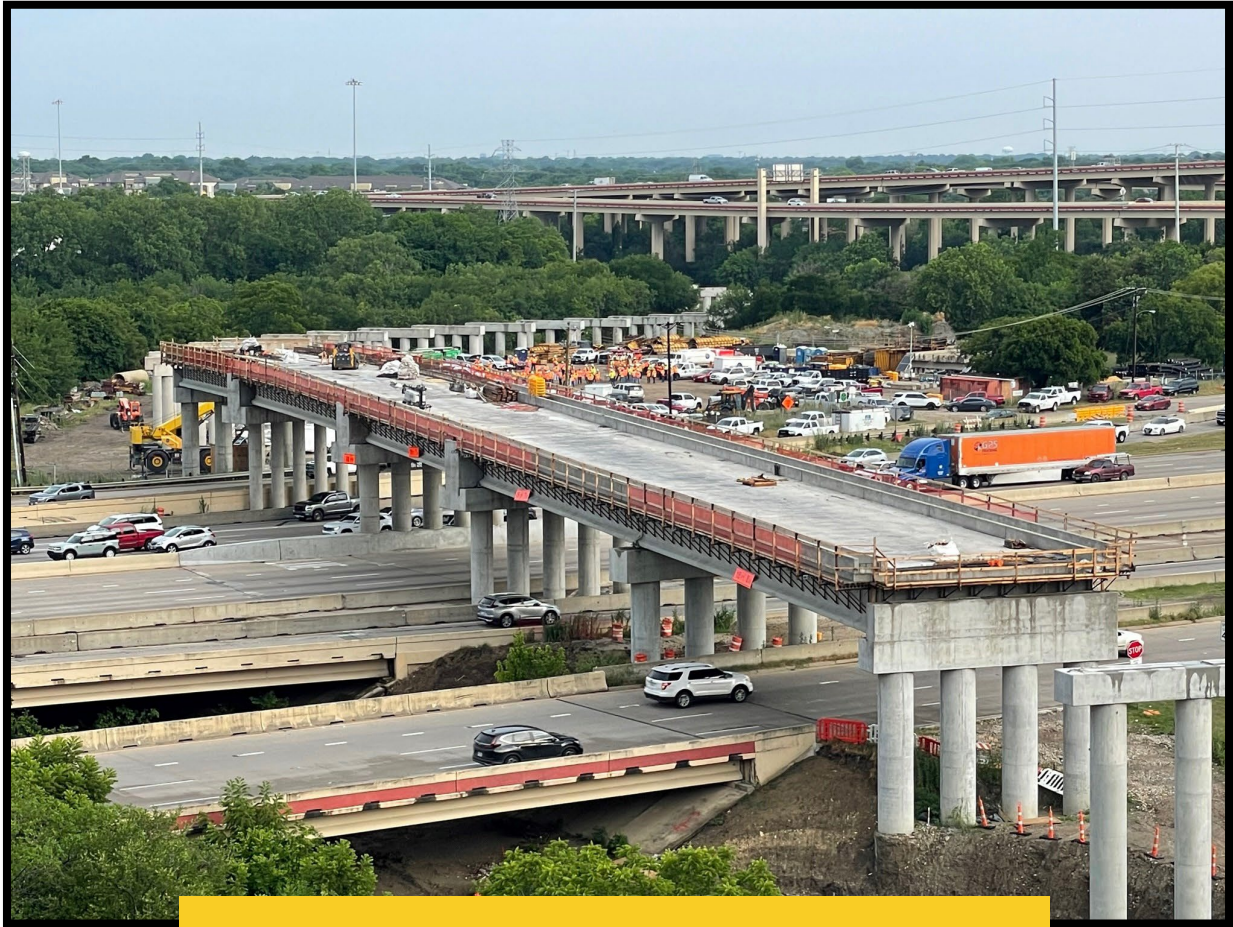
# General Construction Update





# Construction Update

## City of Richardson

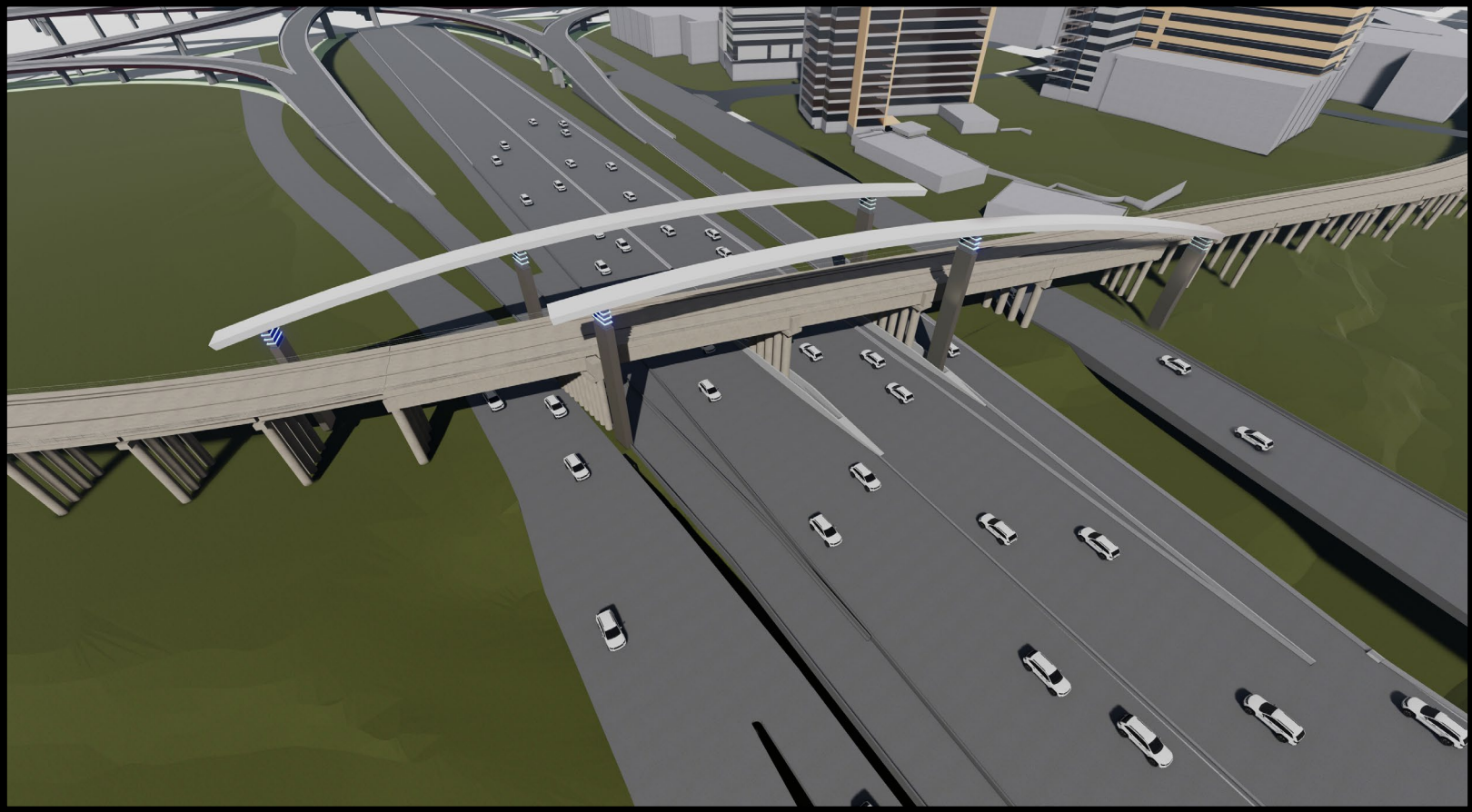


US75 Bridge deck construction



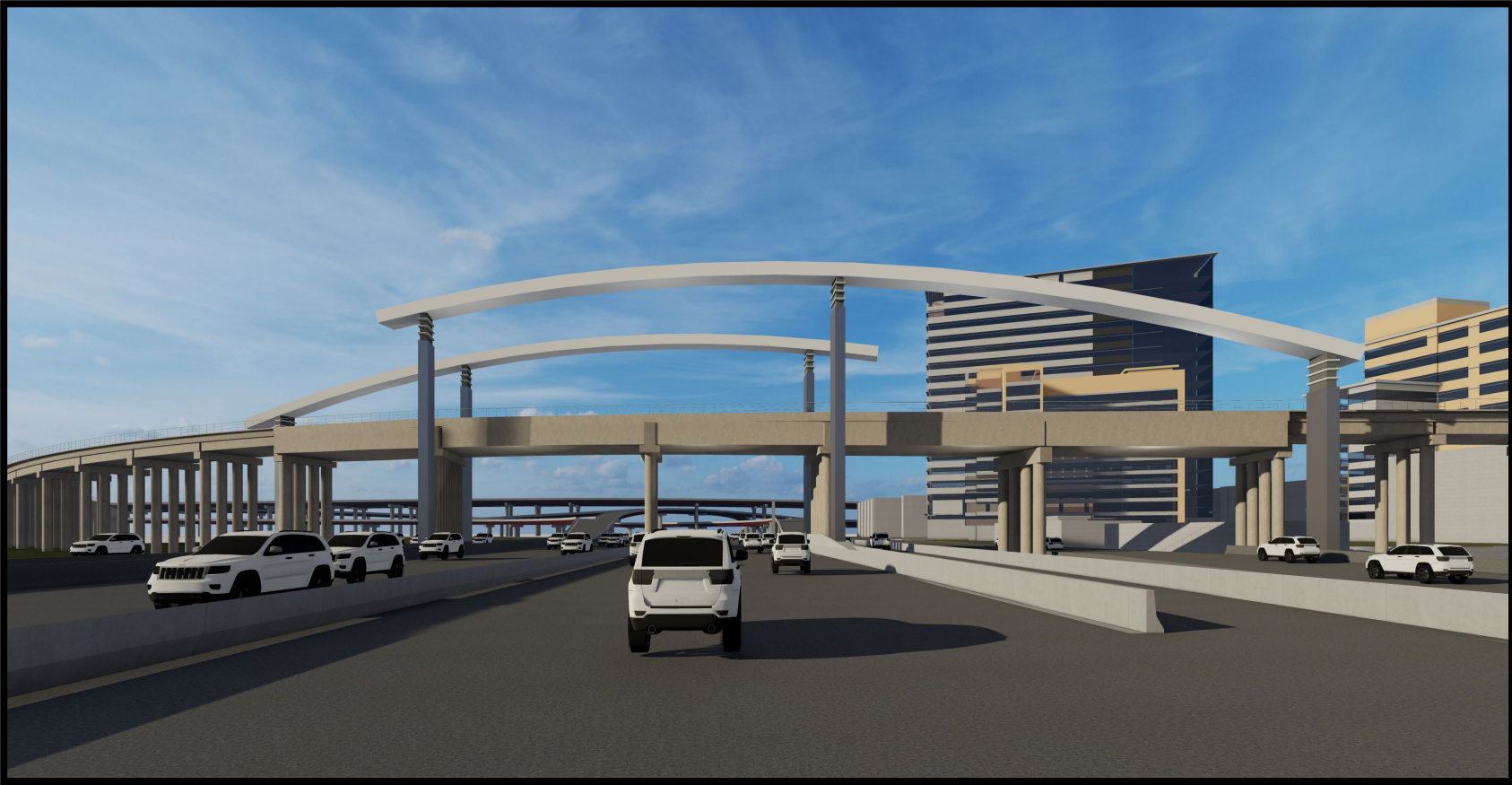
# Construction Update

## City of Richardson



# Construction Update

## City of Richardson



# Construction Update Renner Road Bridge



Renner Road Bridge aerial



# Construction Update

## Renner Road Bridge



Renner Road Bridge beam placement



# Construction Update

## Major Upcoming Construction Activities

Major construction activities within the next 2-6 weeks

- Continue work on at-grade crossing at Waterview.
  - Full closure scheduled for weekend of August 4th.
- Install architectural finishings on UTD Station.
- Complete bridge superstructure for Synergy & Renner Bridges
- Continue setting box beams on US75 Silver Line Bridge.
- Continue drilled shafts and substructure US75 Arch.



# Construction Outreach Bi-annual Community Meetings

## Plano

Thursday, July 13, 2023

Plano Municipal Center

## Coppell

Tuesday, July 18, 2023

The Sound at Cypress Waters

## Addison

Wednesday, July 19, 2023

Addison Athletic Club

## Carrollton

Thursday, July 20, 2023

Crosby Recreation Center

## Richardson

Wednesday, July 26, 2023

UTD Richardson Campus

## Dallas

Thursday, July 27, 2023

Texas A&M AgriLife | The Dallas Center



*Open House – 6:30 - 7 p.m.*

*Presentation – 7 - 8 p.m.*

*Open Mic Questions & Answers – 8 - 8:30 p.m.*

*End of Event – 9 p.m.*



# Public Transportation Improvement Funds Inter-Local Agreement

- In August 2022, DART Board approved distribution of \$234 million to the Service Area Cities
- Funds can be used for complementary transportation services
- 12 of 13 Service Area Cities have approved the Public Transportation Improvement Funds (PTIF) Interlocal Agreement





# **CUSTOMER EXPERIENCE**

# Customer retention, over acquisition

- Today's Riders are essential workers
- Shift resources to address customer pain points
- Deliver a product people are willing to buy
- Focus on core issues of security, cleanliness, and reliability



# Security

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- New Chief of DART Police
- DART police officer recruitment
- New contract for additional security personnel
- Security cameras and new video management system
- Homelessness and mental health initiative – partnership with Meadows Institute

# Cleanliness

## DART Clean Team Initiative

- Partnership with United Community of Faith
- On-board cleaning crews
  - Remove trash and debris on board light rail vehicles
- Monday through Friday, 6:00 a.m. to 10:00 p.m.



# Reliability

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- Launched New Bus Network in January 2022
- Completely-redesigned bus network
- New routes
- Improved service frequencies
- Expanded GoLink service
- Scaled back in June 2022 due to operator shortage



# Reliability

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- Multi-faceted hiring efforts implemented in late 2022
- Returned to regular service levels on all DART bus routes in January 2023
- Expanded GoLink service hours to 5:00 a.m. – midnight, 7 days per week for all zones
- Currently delivering 99% of scheduled trips



A yellow and white bus with the number 41041 is parked on a city street. The bus has a white roof rack and a blue advertisement on its side. The background features several tall, modern buildings with glass facades under a cloudy sky. A yellow rectangular box is overlaid on the image, containing the text "FUTURE INITIATIVES".

# **FUTURE INITIATIVES**

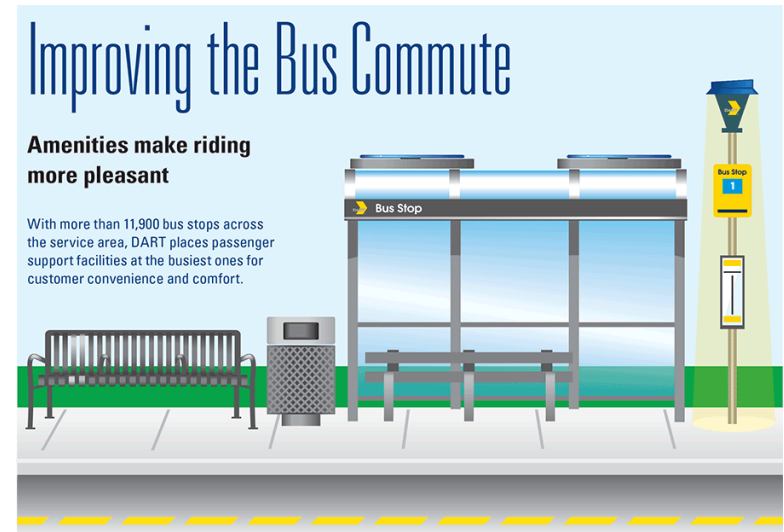
# The Future: Mobility+





# Rider Experience

- Enhanced first/last mile access in collaboration with cities and NCTCOG
- Expanding funding for bus stop amenities for local and Core Frequent bus routes
- Technology improvements that provide more accurate and timely passenger information
- Improving system safety and security

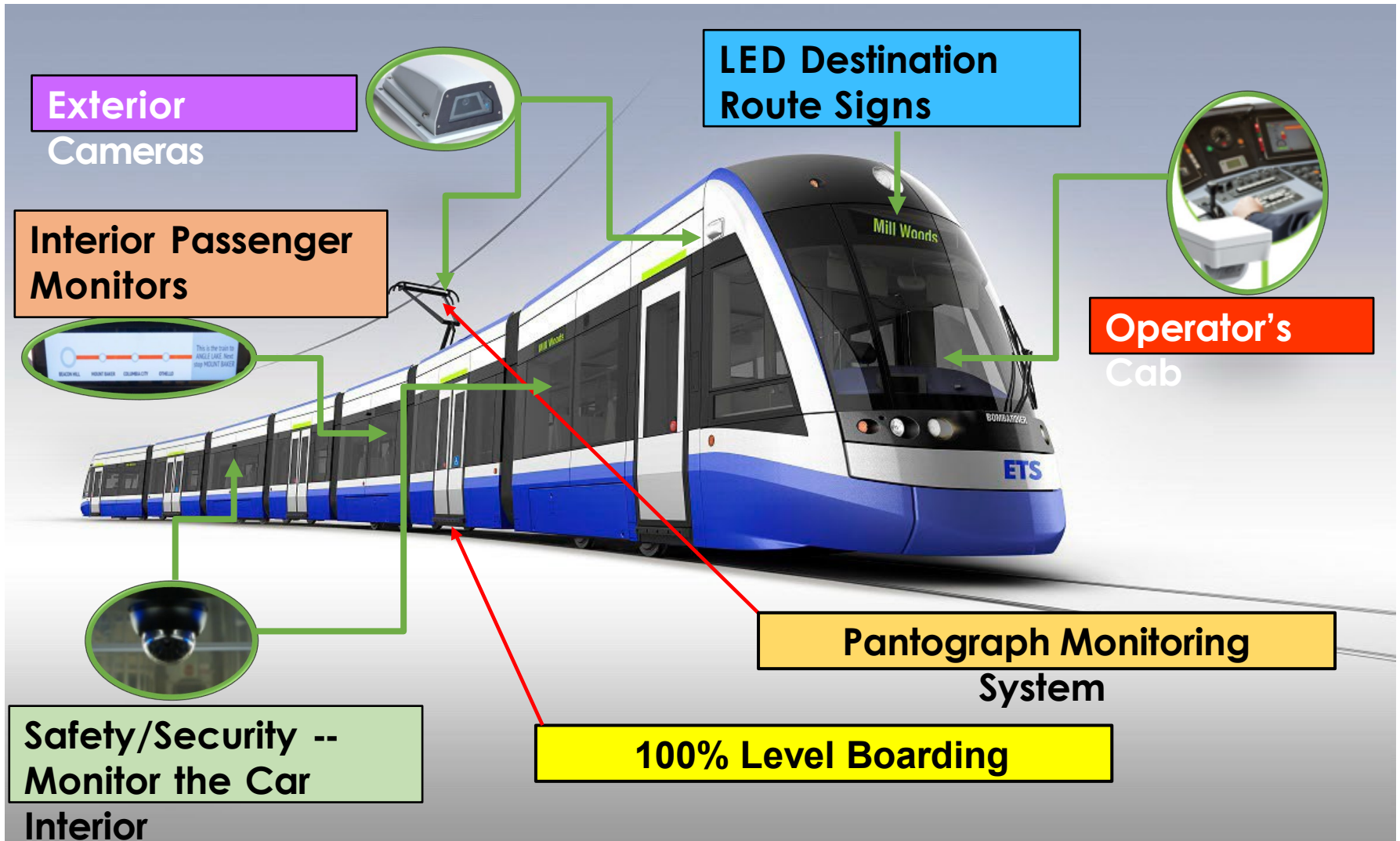


## UTA Community Design Build Lab



Collaborative effort during Fall 2022 semester to design shelter of the future

# New LRV Features & Technology



# Customer Engagement for new LRVs

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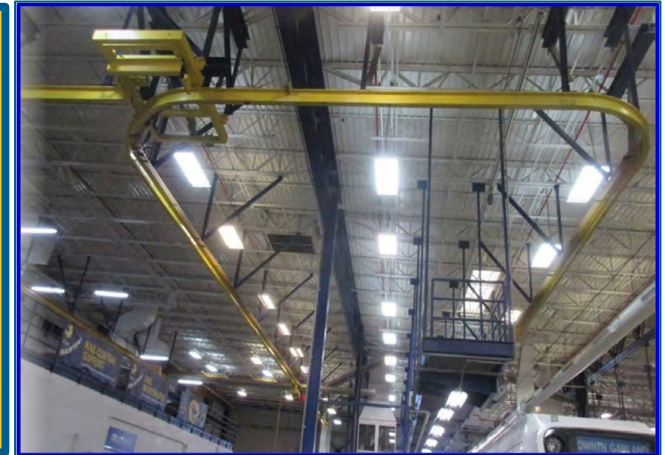
**Help design new  
light rail train cars**

You are invited to participate in a virtual focus group to give feedback and provide input to help design new light rail train cars.

# Projected LRV facilities upgrades



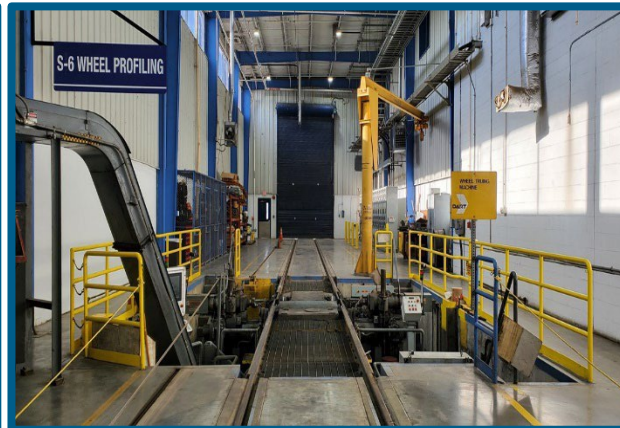
**Convert Suspended Platforms  
to Floor Mounted Platforms**



**Facility Cranes**



**Increased Roof-  
Top Access**



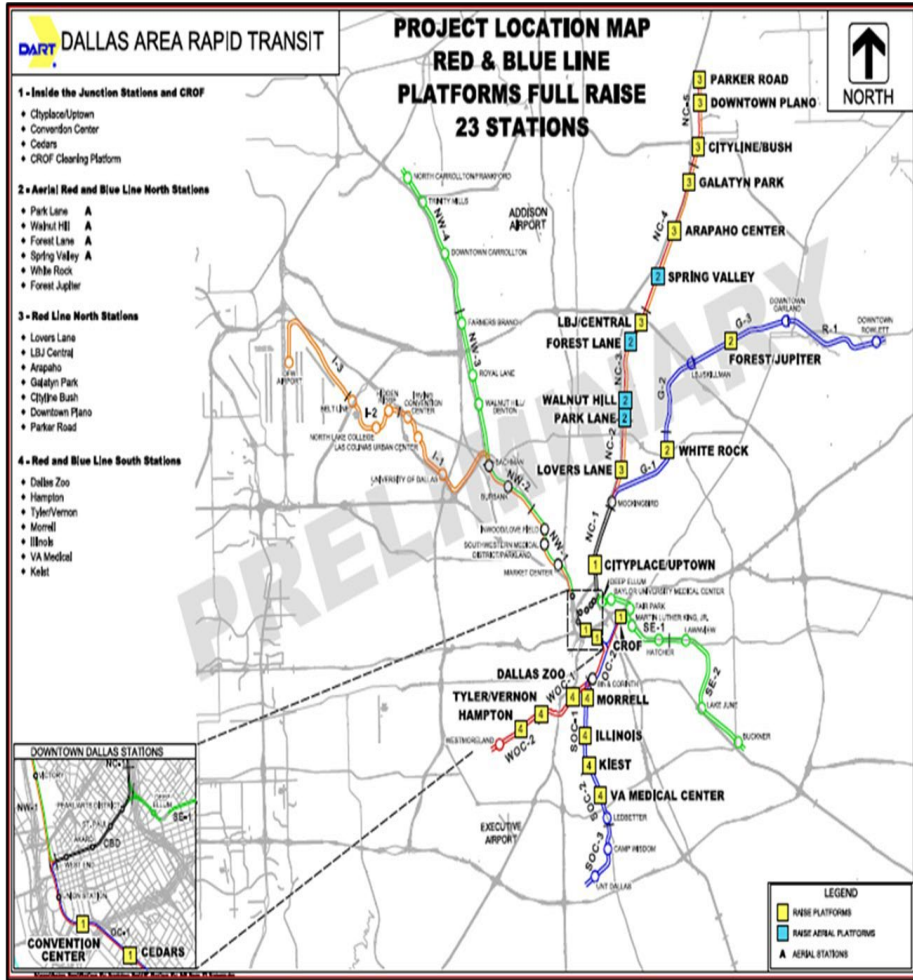
**Wheel Truing  
Machine Upgrade**



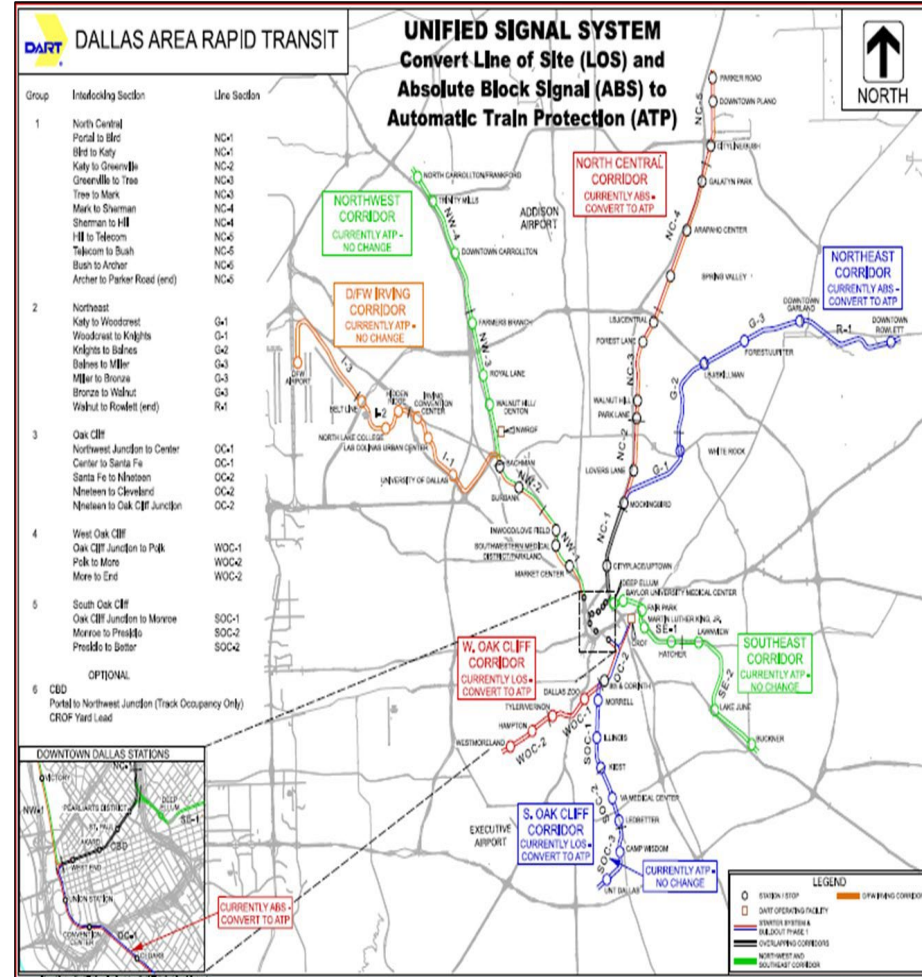
**Upgraded Fall  
Protection for Increased  
Roof Access Work**

# Platforms Raise & Unified Signal Systems

## Red & Blue Line Platforms Raise



## Unified Signal Systems (Trip Stop System (TSS) -to- Automatic Train Protection (ATP))





# STRATEGIC PLAN

# Metroplex in the future

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- 4 million more people by 2045
- 3 million more jobs by 2045
- Corporate relocations to Metroplex
- Development shifting away from historical hubs
- *Increasing demand on an oversubscribed system*



# Status Quo or Change?

- Unmitigated transportation consumption ties directly to:
  - Poor air quality
  - Congestion and delay
  - Environmental harm
  - Economic disparities
- *Alter our approach to change the course of the future*





# Different Perspective

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- Leverage transit as part of broader transportation system
- Adapt to customer needs
- Provide unparalleled transit performance
- Transform mobility in North Texas



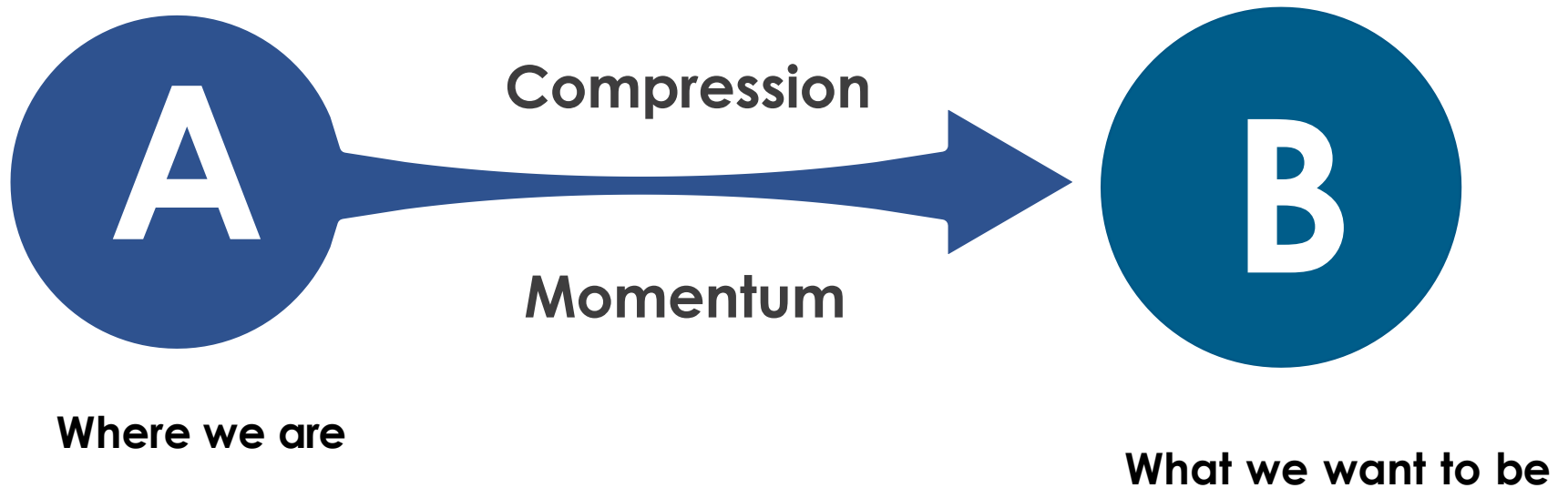
# Purpose

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- Define where we are going
- Align and focus all functions towards the same goals
- Prioritize resources and efforts
- Set targets for organizational performance

# Journey

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# Process

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- **Strategic Design – Defining Point B**
  - Establish the narrative of DART’s future
- **Strategic Plan – Getting to Point B**
  - Establish DART’s mission and vision, define goals, actions, and metrics for measuring progress

# Key Elements of DART's Future

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- DART as a regional strategic asset
  - Provide best-in-class services to customers
  - Move more people in less space through availability, ease, and convenience
  - Work with cities to activate spaces around DART and integrate with the surrounding communities

# Next Steps

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1. April 2023 - Complete Strategic Design Narrative and Framework
2. March-June 2023 - Leadership Roundtable, City Managers, and Board activation workshops and discuss DART mission, vision, and goals
3. June-September 2023 - Draft Strategic Plan and seek feedback
4. October-December 2023 – Final Strategic Plan Board Review and Approval

# Working Together for a Better Future

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- Collaborate with
  - Local and regional partners
  - Community and advocacy organizations
  - State and federal partners
- Leverage all funding to do more
- Address customer feedback in a meaningful way
- Better mobility for all!



Forty Proud. Forty Forward.

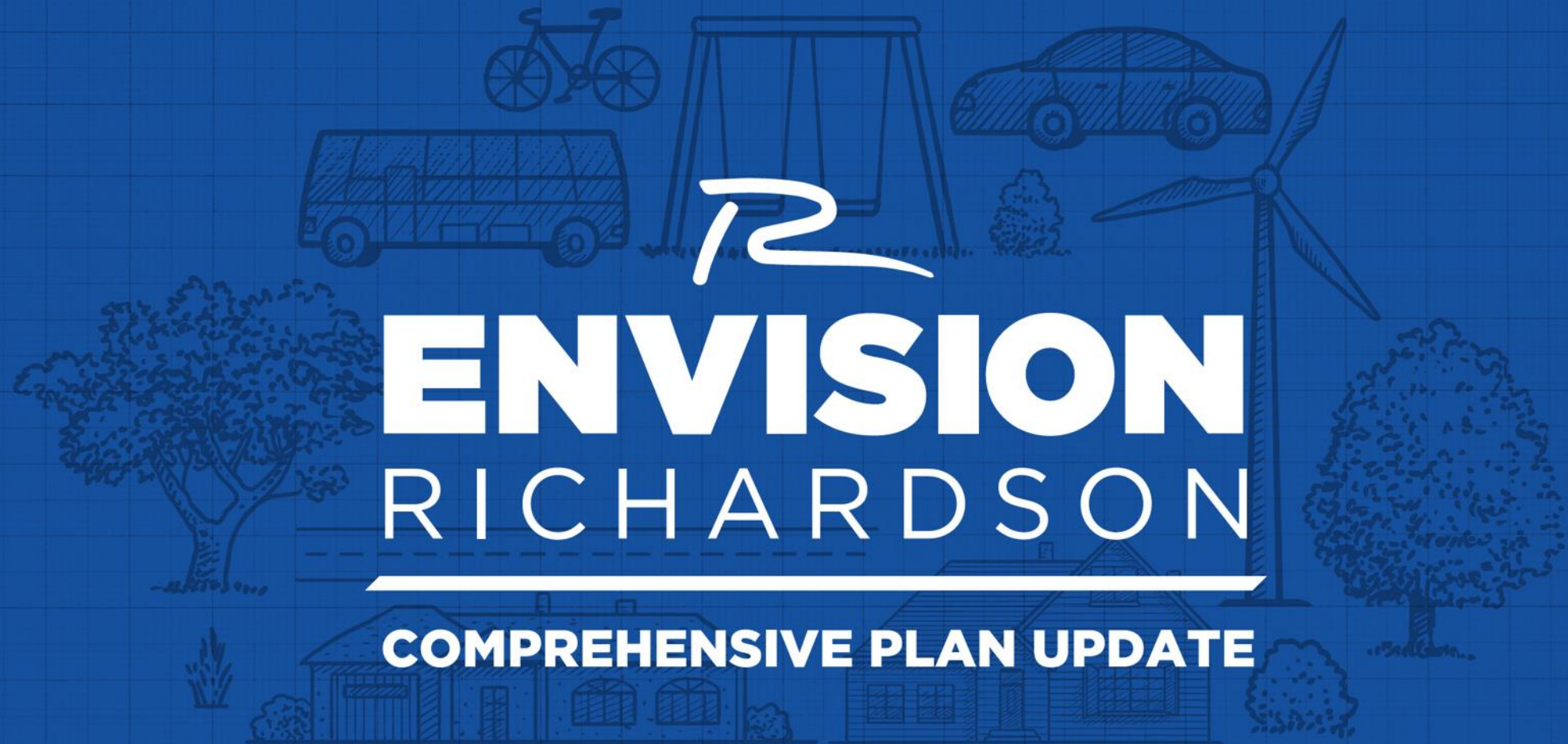


# THANK YOU!

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DART.org



**ENVISION**  
**RICHARDSON**

**COMPREHENSIVE PLAN UPDATE**

**CITY COUNCIL PRESENTATION**  
June 19, 2023

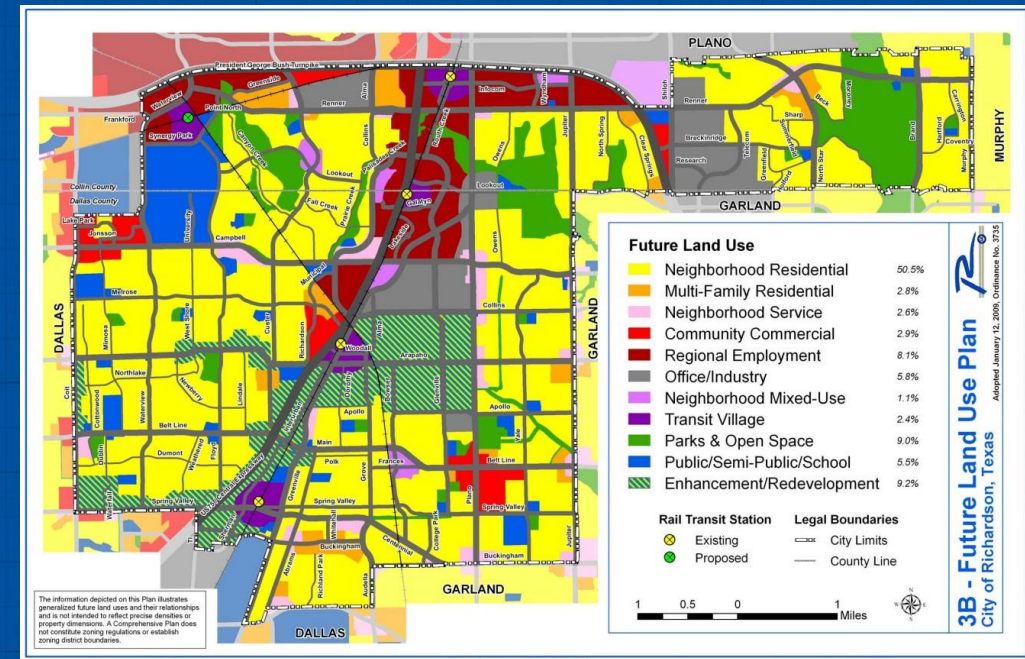
# Presentation Overview: What We Want to Accomplish

- Project Overview
  - Plan progress to date
- Existing Conditions Overview
- Potential Reinvestment Areas
  - Preliminary considerations related to four potential reinvestment areas
- Demographic / Market Analysis Overview
  - Community Characteristics Summary
  - Housing Summary
  - Commercial Summary
- Community Summit Overview
  - Discussion and feedback on opportunities for public engagement during Community Summit 1
- Next Steps
- Discussion

# Project Overview

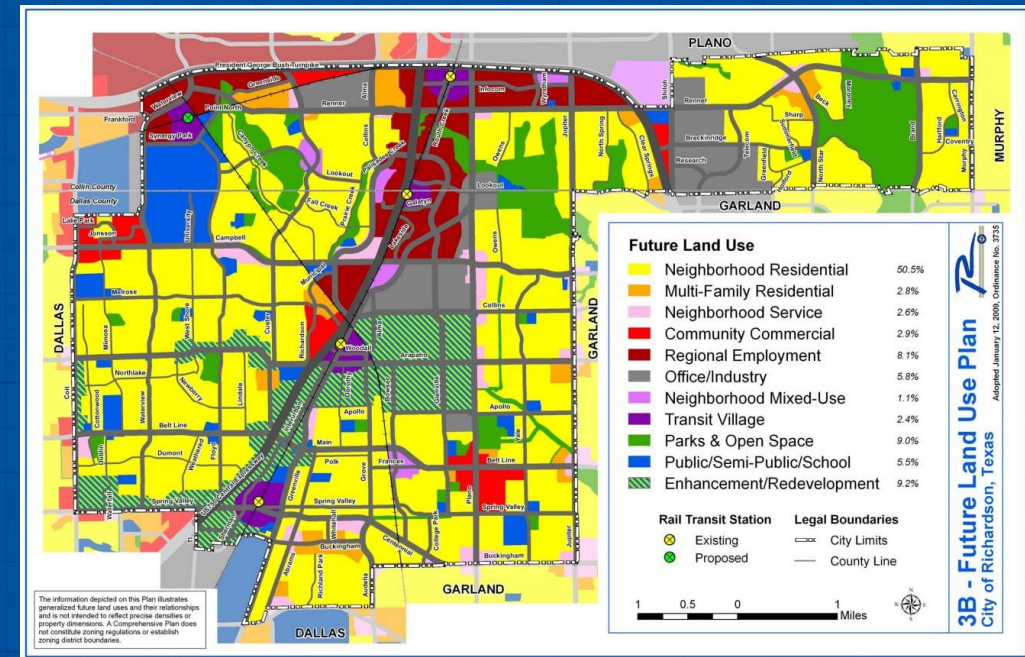
# What is a Comprehensive Plan?

- A comprehensive plan is a document that states a community's desired vision for the future.
- It consists of a single plan or coordinated set of plans organized by subject, or sometimes geographic area.
- While a comprehensive plan states the community's vision for the future, it does not constitute zoning regulations or establish zoning district boundaries.



# How is a Comprehensive Plan Used?


- A comprehensive plan is used to coordinate and guide the establishment of development regulations.
- It provides a basis for future zoning decisions.
- It also helps to guide decisions relative to public investments in transportation and other infrastructure improvements needed to support future development.
- It is a policy document that includes an implementation plan for use by City staff, and this plan will also provide fiscal impact analysis



Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sep 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024	Feb 2024	Mar 2024	Apr 2024	May 2024	Jun 2024	Jul 2024	Aug 2024	Sep 2024	Oct 2024	Nov 2024	Dec 2024
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Data Collection/Strategic Direction *(February 2023 to December 2023)*



 We are here

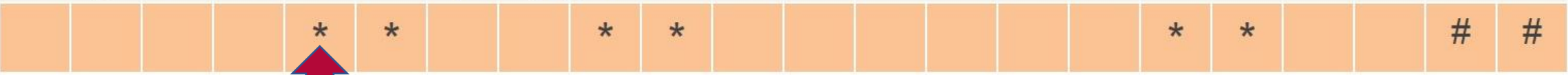
Plan Drafts and Recommendations *(January 2024 to August 2024)*



Implementation *(February 2024 to November 2024)*



Branding/Promotion/Community Engagement *(February 2023 to November 2024)*



 We are here

- \* Potential engagement periods
- # Public hearings

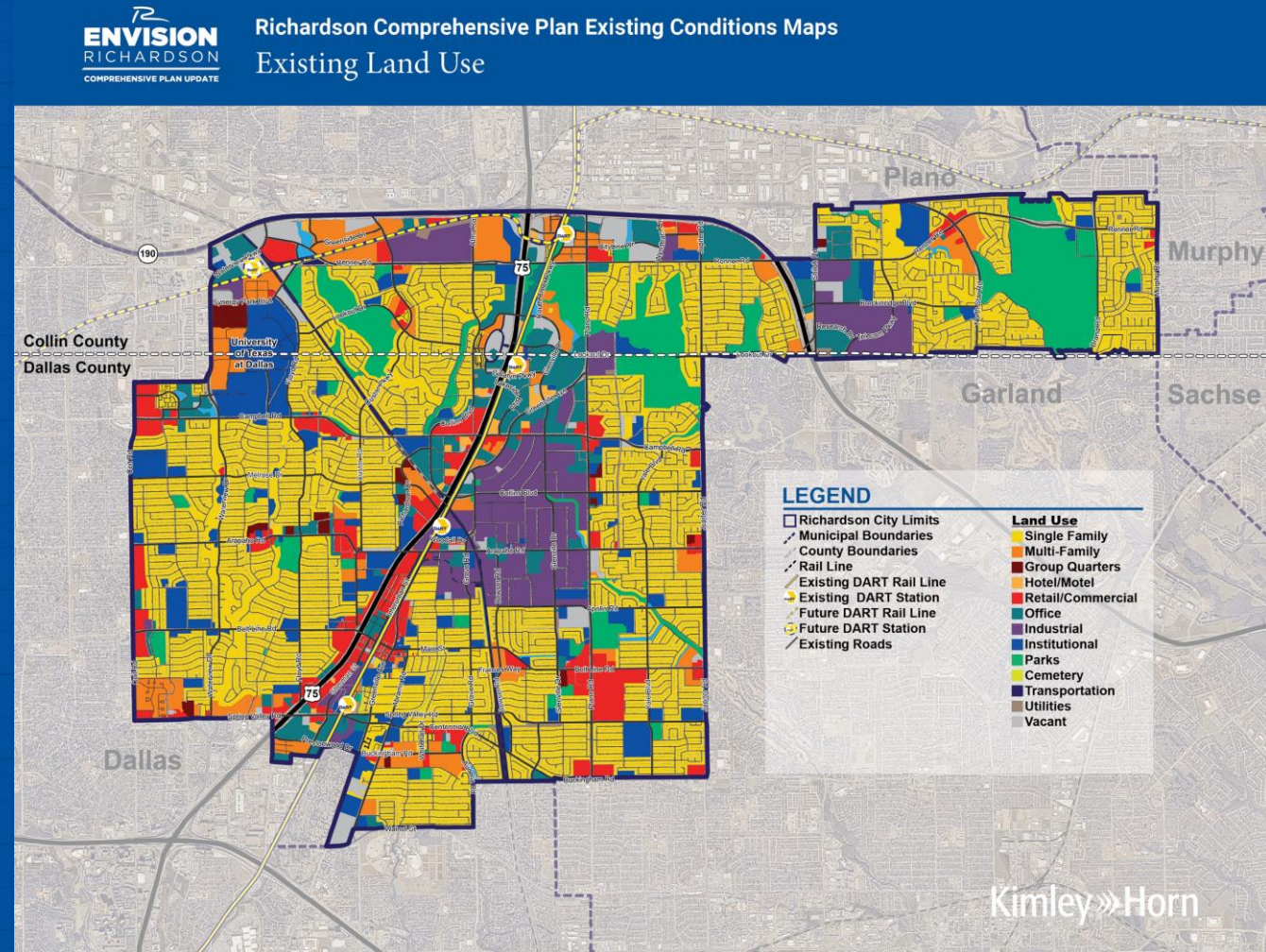
# Project Process and Schedule

# Existing Conditions Overview



# Existing Conditions Overview

- The first phase of the Comprehensive Plan Update has focused on understanding existing conditions within the city.
- Existing built conditions, regulatory systems, natural systems, and infrastructure systems were mapped and reviewed to identify potential issues to be addressed in the Plan Update.

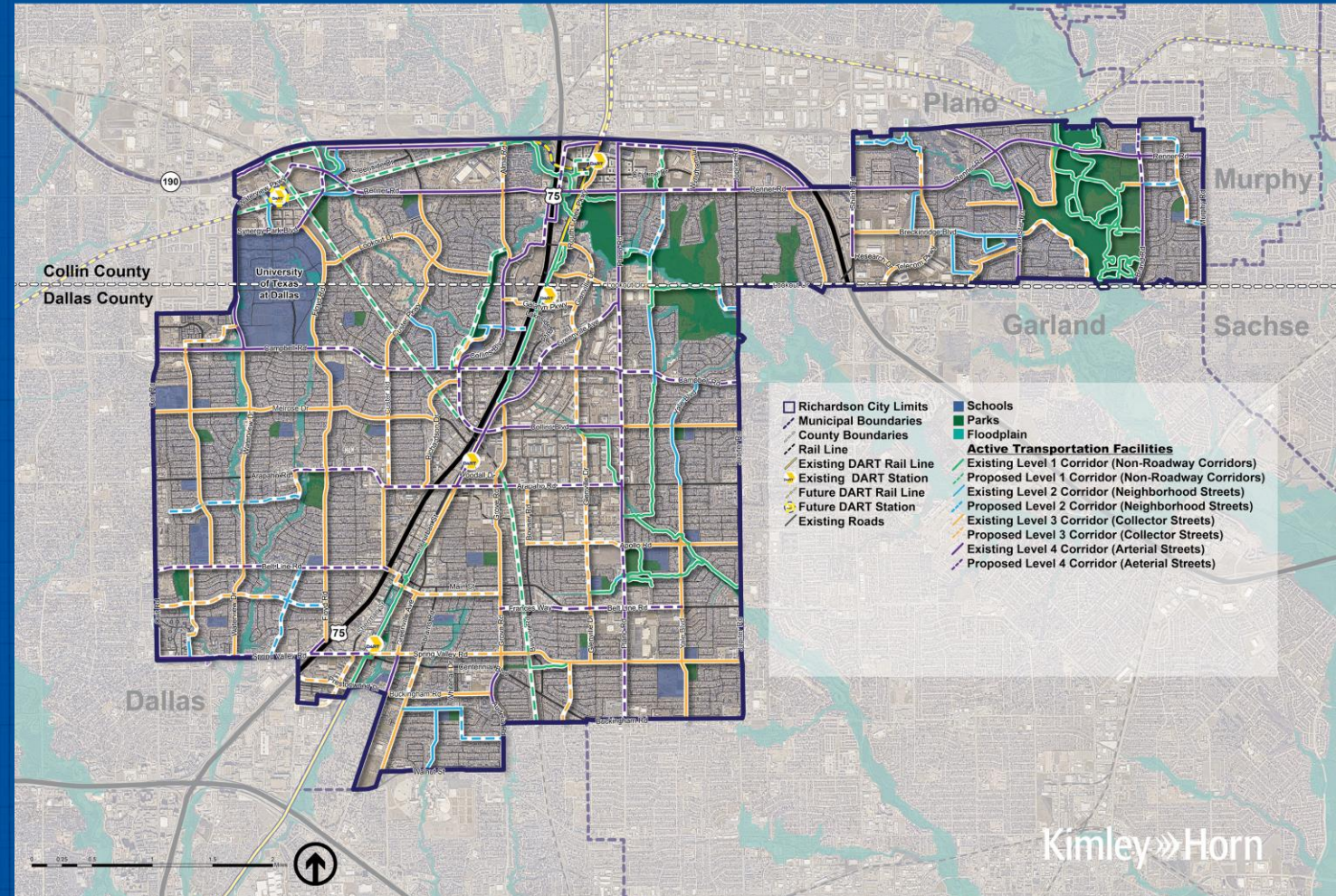


# Existing Conditions Overview

- Part of the process of reviewing existing conditions in the city was to develop an understanding of other previously adopted plans and studies.
- The recently completed Active Transportation Plan and Parks, Recreation, and Open Space Master Plan have both been evaluated, and their approaches and recommendations will be incorporated into the Comprehensive Plan update.



Richardson Comprehensive Plan Existing Conditions Maps  
Active Transportation Facilities



# Potential Reinvestment Areas

# Reinvestment Area Analysis Overview

- Six potential reinvestment areas will be evaluated
  - Four currently under study
  - Two additional areas will be identified by community in the upcoming Community Summit
- Indicators of ripeness for reinvestment are currently being reviewed
  - Ownership patterns / assemblage
  - Owner tenure
  - Owner location (local or non-local)
  - Improvement to land value ratio
  - Rental / lease rates
  - Vacancy rates
  - Age of Improvements
- Council will provide direction at the July 31<sup>st</sup> Joint Workshop as to which four reinvestment areas should move forward for additional visioning with the community
- A more detailed analysis of various redevelopment alternatives will be created for the chosen sites, and each will be evaluated to determine how it would perform economically
- A preferred alternative for each location will be proposed for consideration by the community and the Council and inclusion in the plan

# Potential Reinvestment Area A



- Coit Road

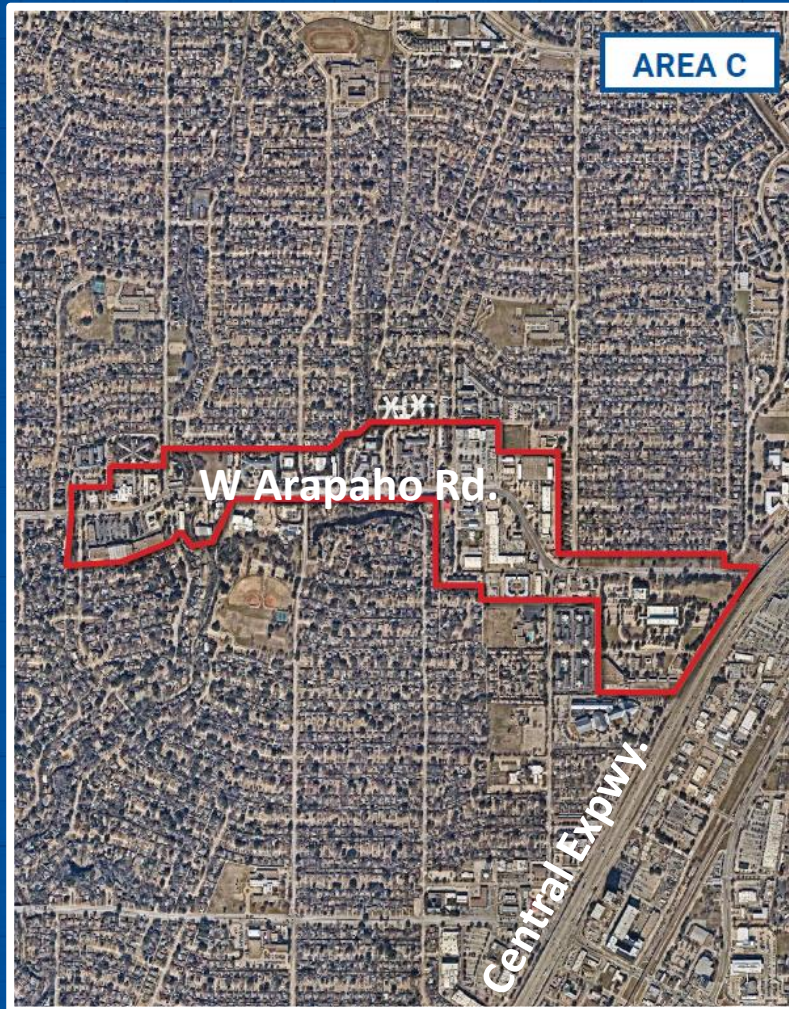
- East side of Coit **between Arapaho and the alley north of Stagecoach**
- **Single-family neighborhood** along the eastern boundary north of Belt Line
- **Cottonwood Park** along the eastern edge south of Belt Line
- **One- and two-level office and retail** uses north and south of Belt Line
- **Office tower** integrated into two-level retail/parking in the Promenade center north of Belt Line
- Included as an Enhancement/Reinvestment area **in the 2009 Comprehensive Plan**, but not studied further yet
- **Revisiting** current market conditions and community sentiments **to determine whether to proceed** with additional detailed study; **opinions differed** in the Stakeholder Interviews

# Potential Reinvestment Area B



- West Campbell Road
  - **Between Custer Road and Floyd Road**, excluding the duplexes facing Floyd
  - **Single-story retail/restaurant** uses on the south side of Campbell
  - **Open space and small, individual office buildings** on the north side
  - **Church, single-story offices, new residential** uses along Old Campbell
  - This location was **not included in the 2009 Comprehensive Plan** as an Enhancement/Reinvestment area
  - **Evaluating** current market conditions and community sentiments **to determine whether to proceed** with additional detailed study; the area seems to have **untapped potential** given its location on Campbell Road and its proximity to UTD and single-family neighborhoods.

# Potential Reinvestment Area C



- West Arapaho
  - From **Central Expressway west to Newberry Drive**
  - Several **City facilities** along Arapaho (City Hall, the Library, vacant property on the north side of Arapaho, Senior Center)
  - Private property uses include **strip centers** and **other retail/restaurant** uses, **small office** buildings, **senior housing**, and a **church**
  - **Small residential subdivision recently approved** on the north side of Arapaho, east of West Shore
  - Included as an Enhancement/Reinvestment area **in the 2009 Comprehensive Plan**, but not studied further yet
  - **Revisiting** current market conditions and community sentiments **to determine whether to proceed** with additional detailed study; Stakeholder Interview comments indicated a desire to **improve the area near City Hall**, to look at **straightening out the curve in Arapaho Road** west of Custer, to **stabilize the grocery-anchored retail center** west of West Shore

# Potential Reinvestment Area D



- Belt Line/Plano
  - All four corners of the intersection, extending along Belt Line to Yale on the east and Glenville on the west
  - Predominantly retail centers, including the former Richardson Square Mall site
  - Particular concern over the empty Sears building and the retail and restaurant development between there and Yale
  - This location was not included in the 2009 Comprehensive Plan as an Enhancement/Reinvestment area
  - All four corners are currently seen as underperforming and in danger of further deterioration; further detailed study seems warranted



# Demographic / Market Analysis Overview

# Community Characteristics Summary

# DEMOGRAPHIC OVERVIEW: Population Characteristics

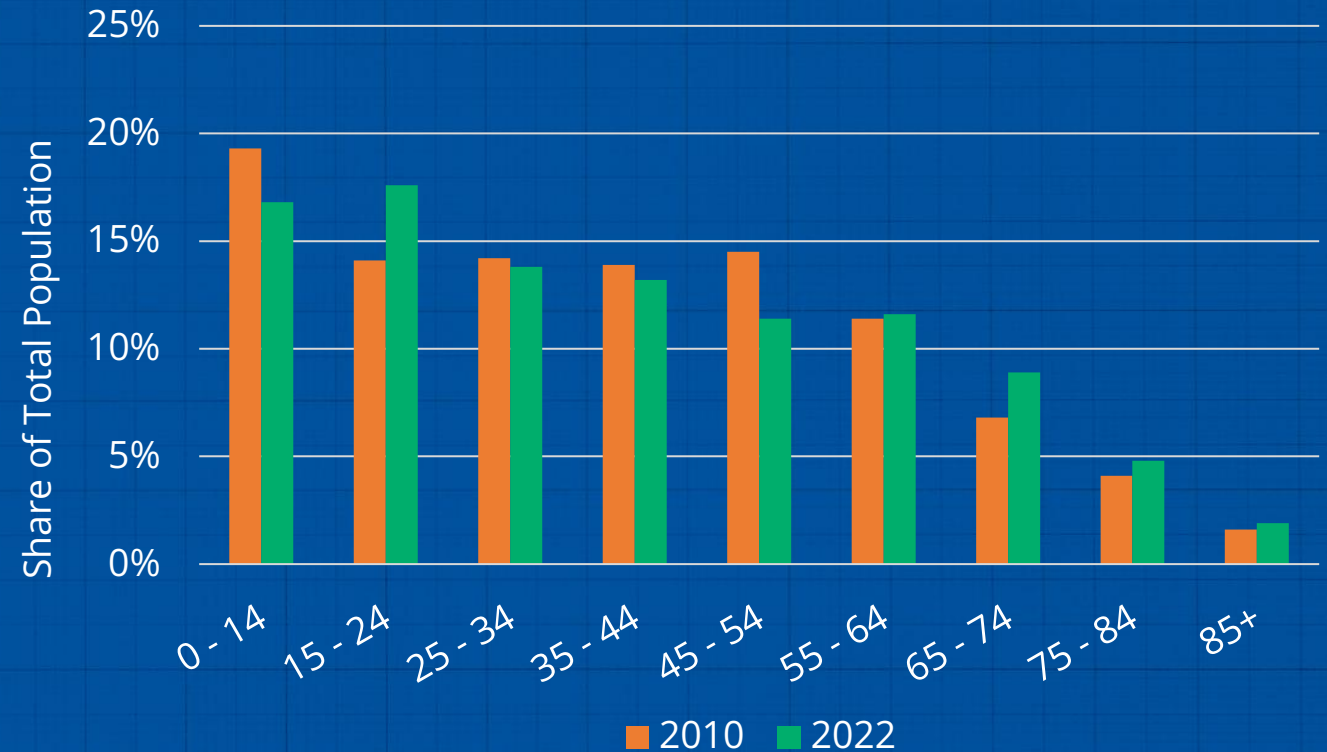
## COMPARISON OF POPULATION TRENDS, 2010-2022

Source: US Census; ESRI Business Analyst Online (BAO)

Area	Total Population		Absolute Growth	Annual Growth Rate
	2010	2022		
City of Richardson	99,211	121,759	22,548	1.7%

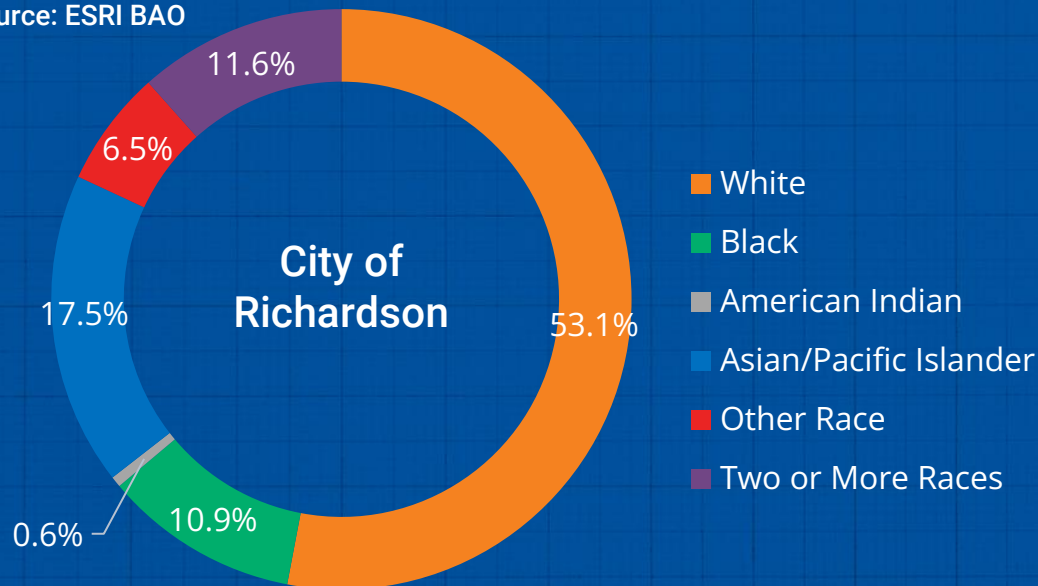
## CHANGE IN POPULATION SHARES BY AGE COHORT, 2010-2022

Source: US Census; ESRI Business Analyst Online (BAO)



## RACIAL DIVERSITY, 2022

Source: ESRI BAO



## COMPARISON OF MEDIAN AGE, 2022

Source: ESRI BAO



Richardson  
36.3 years

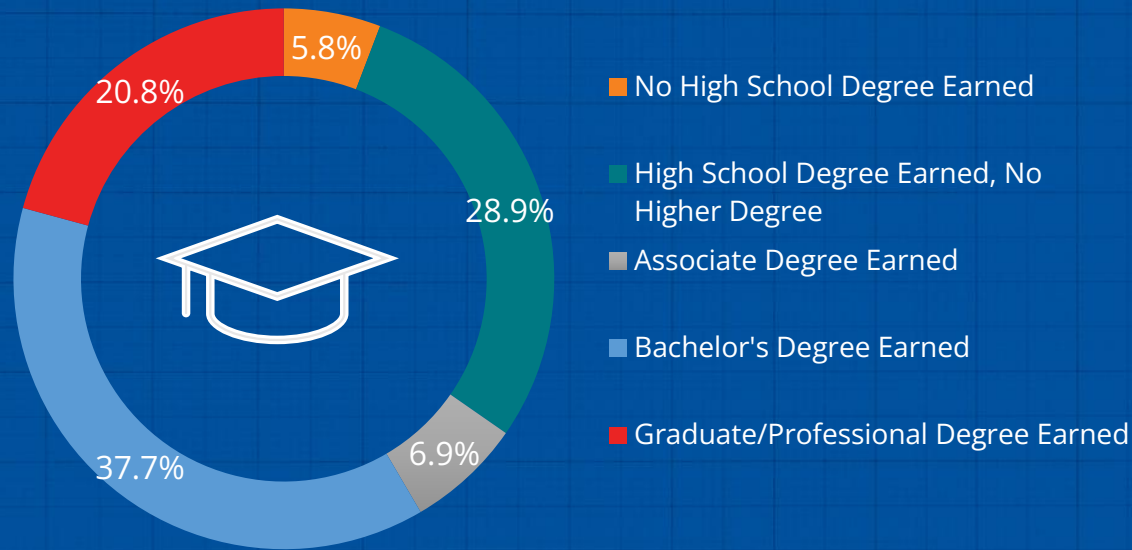


Metroplex  
35.7 years

# PROSPERITY OVERVIEW: Education and Income

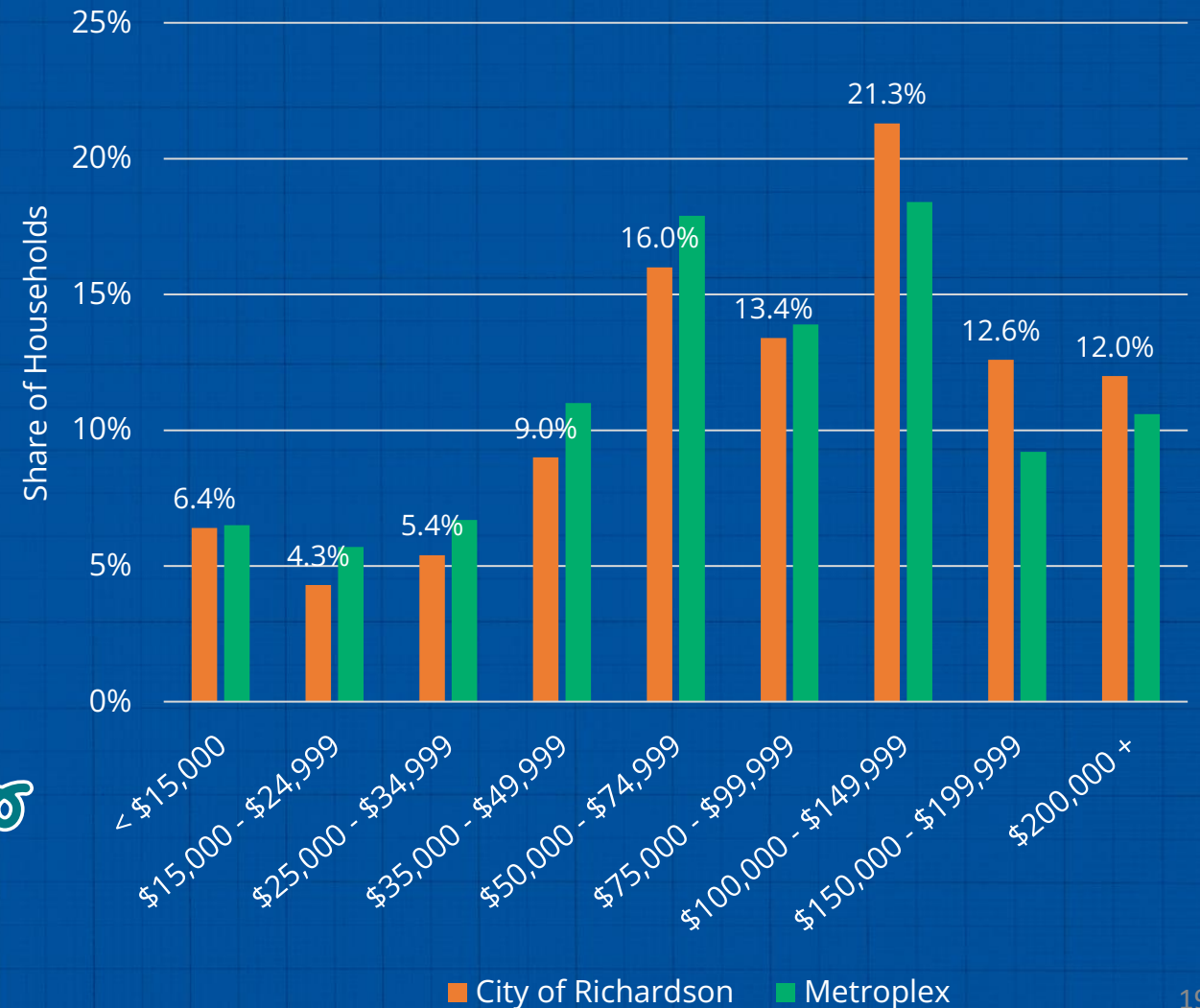
## EDUCATIONAL ATTAINMENT, RICHARDSON, 2022

Source: US Census; ESRI Business Analyst Online (BAO)



## % HOUSEHOLDS BY INCOME RANGE, RICHARDSON, 2022

Source: ESRI Business Analyst Online (BAO)



## MEDIAN HOUSEHOLD INCOME, 2022

Source: ESRI Business Analyst Online (BAO)



RICHARDSON

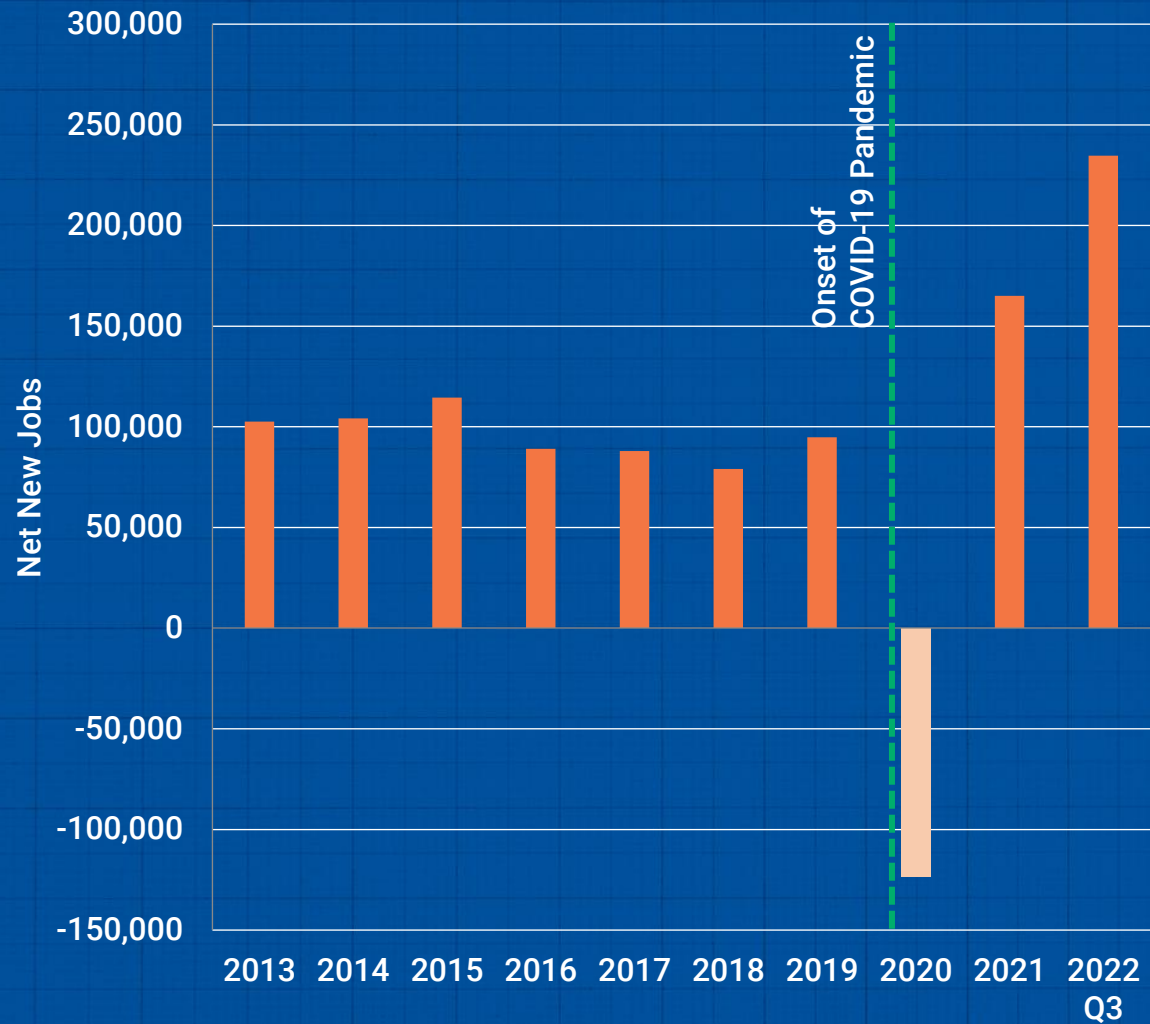


METROPLEX

# ECONOMY OVERVIEW: Employment Growth

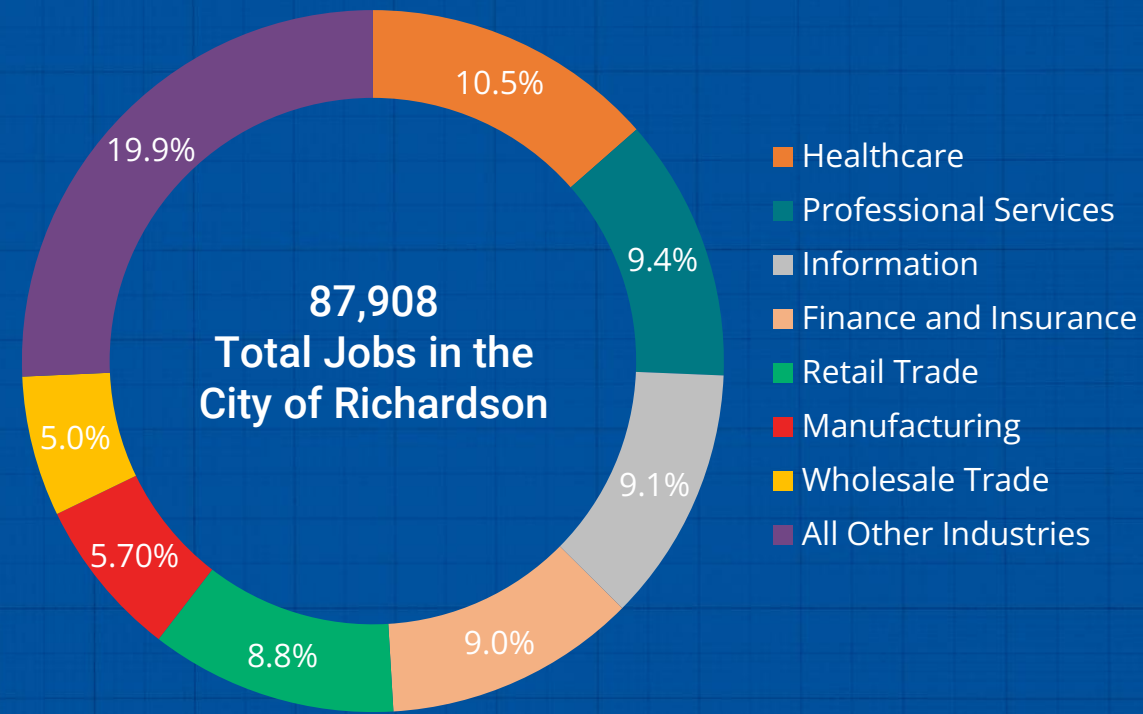
ANNUALIZED JOB GROWTH IN METROPLEX, 2006-2022(Q3)

Source: Bureau of Labor Statistics



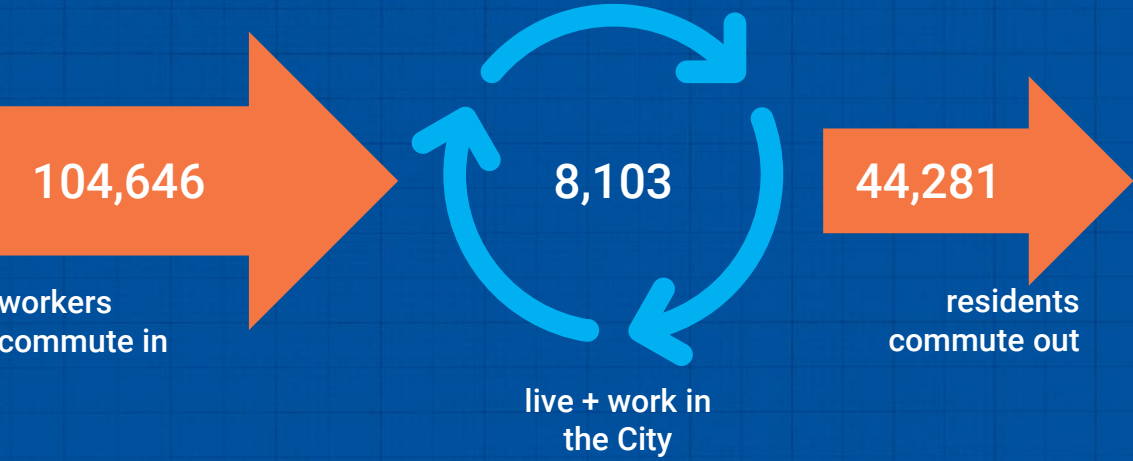
CITY OF RICHARDSON INDUSTRY CLASSIFICATION, 2022

Source: ESRI Business Analyst Online (BAO)



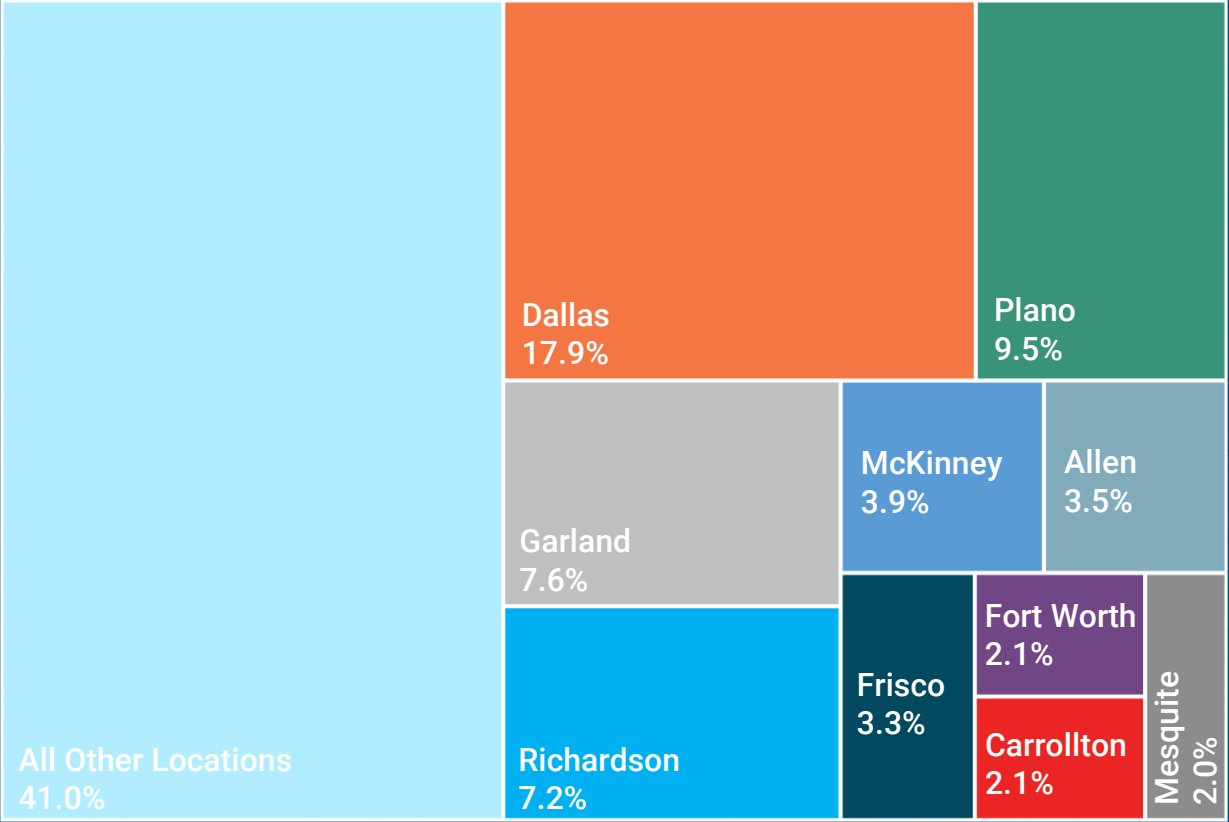
# ECONOMY OVERVIEW: Inflow/Out of Workers

INFLOW/OUTFLOW JOB COUNTS, CITY OF RICHARDSON, 2019  
 Source: LEHD On the Map



Note that the US Census' LEHD data is based on 2019 numbers and does not perfectly align with the 2022 estimates from ESRI BAO. The US Census has not yet released commuting data that reflects the impact of the COVID-19 pandemic. Additional research will be completed during this process to incorporate the best possible estimate for total jobs.

LOCATIONS WHERE RICHARDSON WORKERS LIVE, 2019  
 Source: LEHD On the Map



# Housing Summary: Initial Findings

# MARKET ANALYSIS: Process Overview





# MARKET ANALYSIS: Housing Characteristics

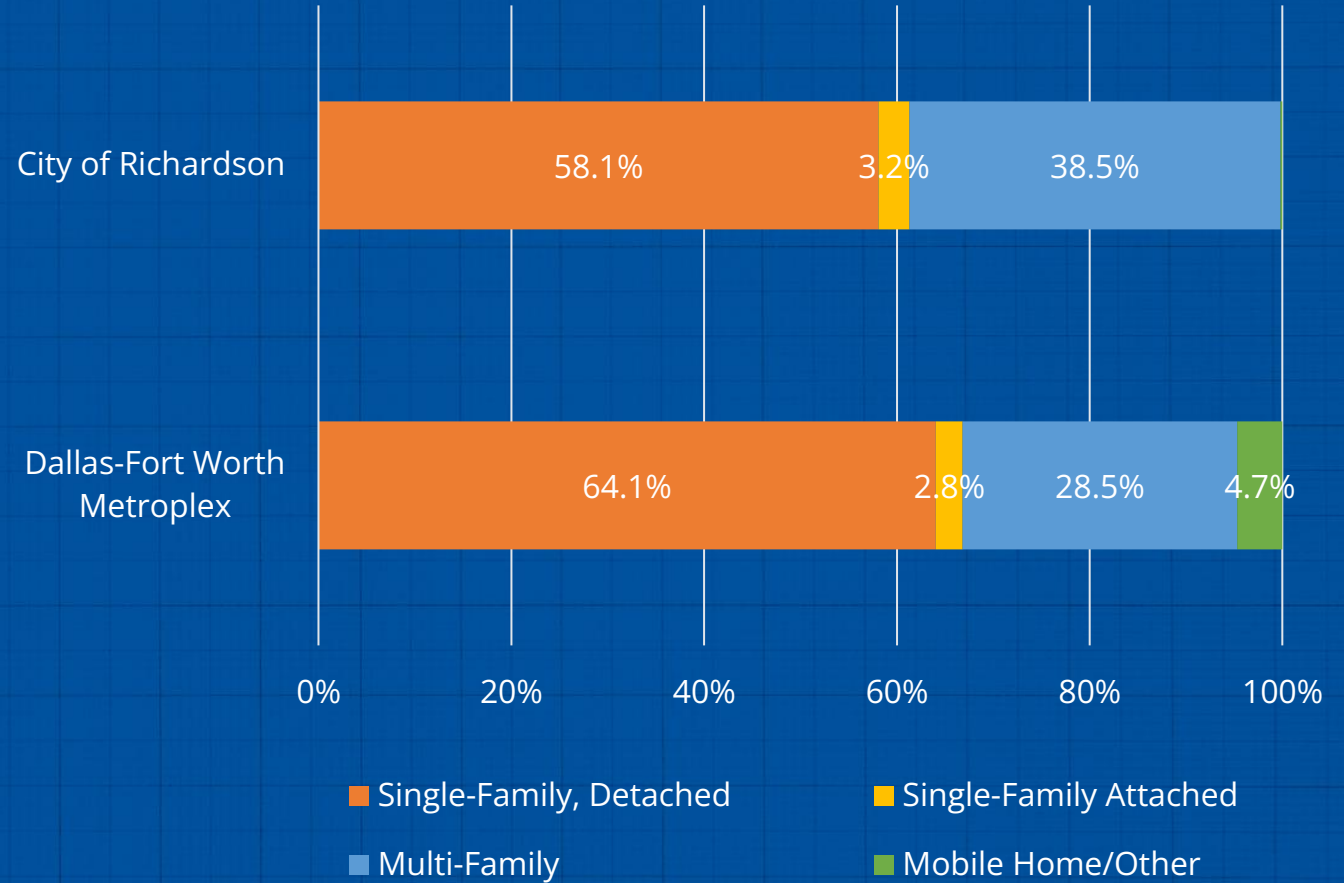
## HOUSING SUMMARY FACTS, 2022

Source: ESRI BAO

Metrics	City of Richardson	Dallas-Fort Worth Metroplex
Median Year Built	1981	1988
Median Home Value	\$318,369	\$329,233
Owner-Occupied	46.9%	56.3%
Renter-Occupied	46.3%	36.5%
Vacant	6.8%	7.3%

## COMPARISON OF HOUSING UNITS BY TYPE, 2022

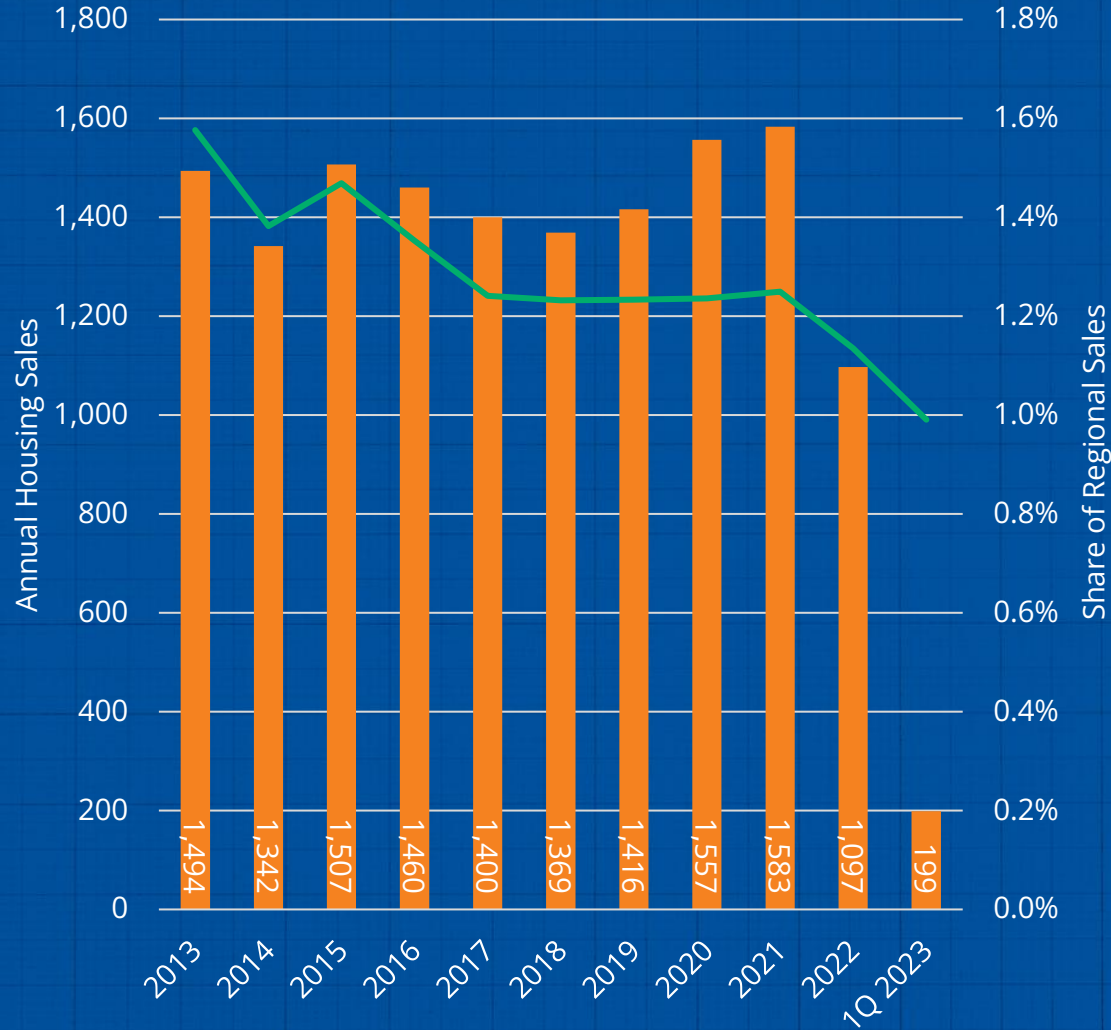
Source: ESRI Business Analyst Online (BAO)



# MARKET ANALYSIS: Single-Family Housing

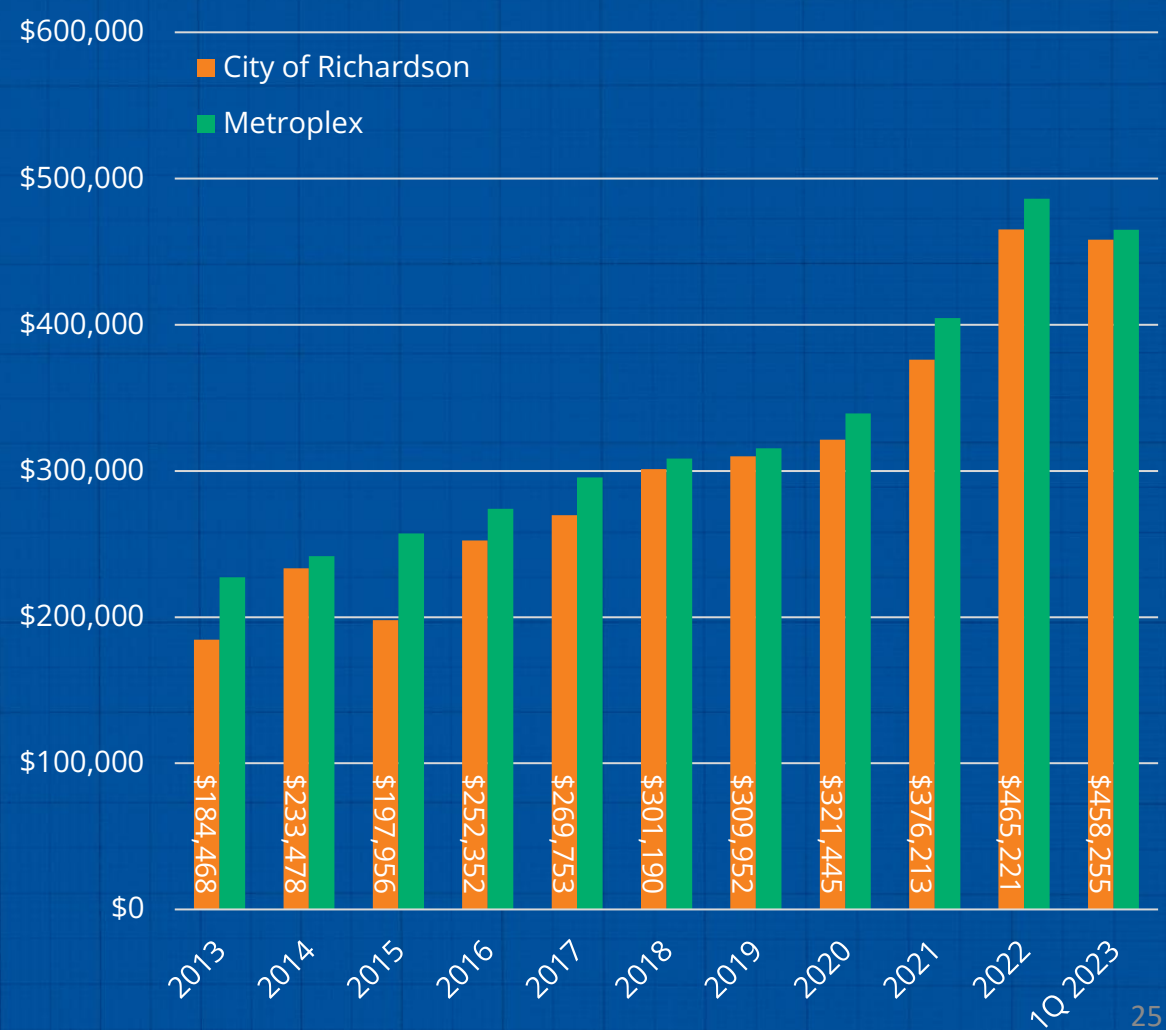
## ANNUAL CLOSINGS, 2013 – 2023(Q1)

Source: Texas A&M Housing Market Report



## CLOSING AVERAGE SALES PRICES, 2013 – 2023(Q1)

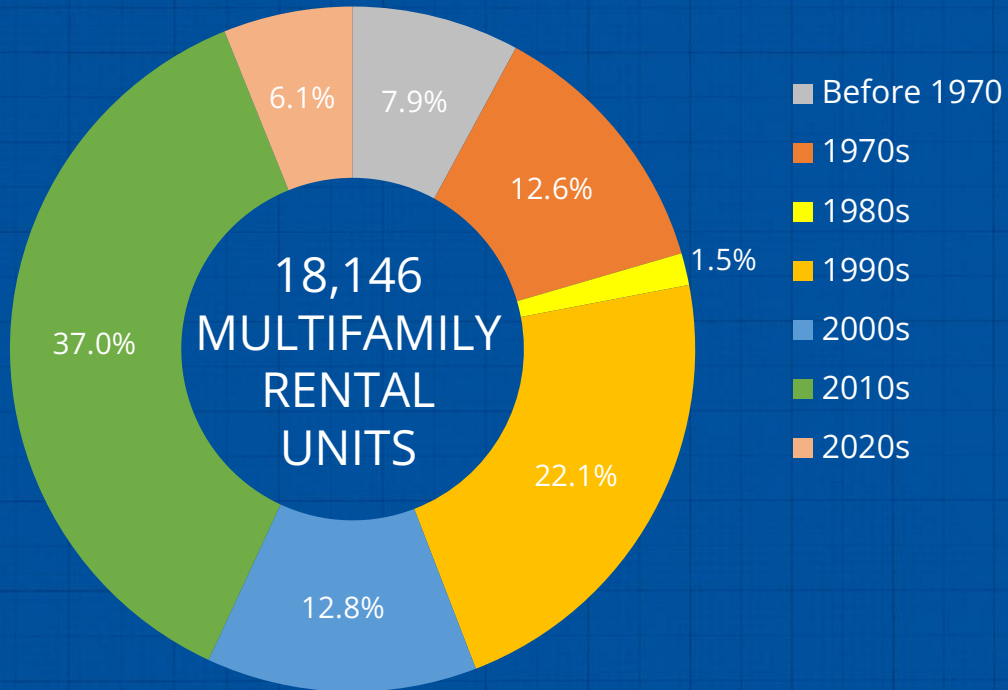
Source: Texas A&M Housing Market Report



# MARKET ANALYSIS: Multifamily Rental Inventory

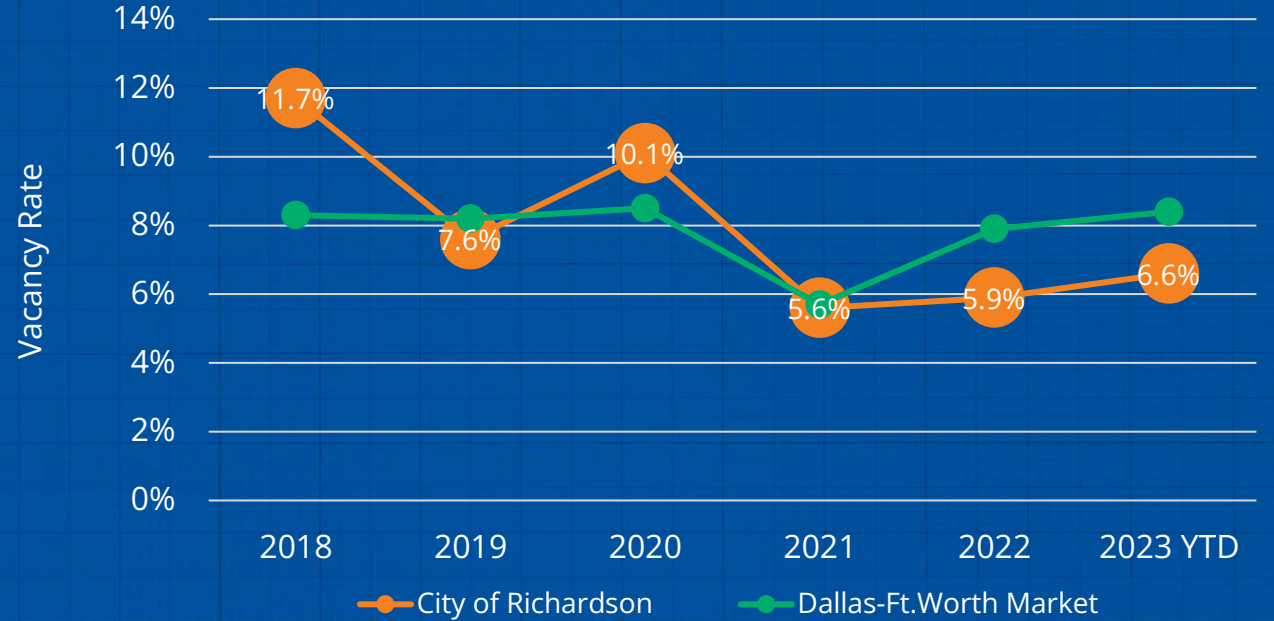
## TOTAL SHARE OF RENTAL RESIDENTIAL INVENTORY BY DECADE BUILT

Source: CoStar; Kimley-Horn



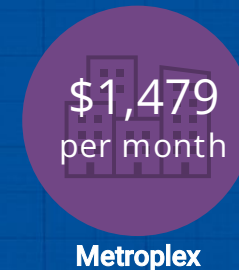
## COMPARISON OF RENTAL VACANCY RATES, RICHARSON, 2018 – 2023 (YTD)

Source: CoStar; Kimley-Horn



## COMPARISON OF ASKING RENTAL RENT, 2018 – 2023 (YTD)

Source: CoStar; Kimley-Horn

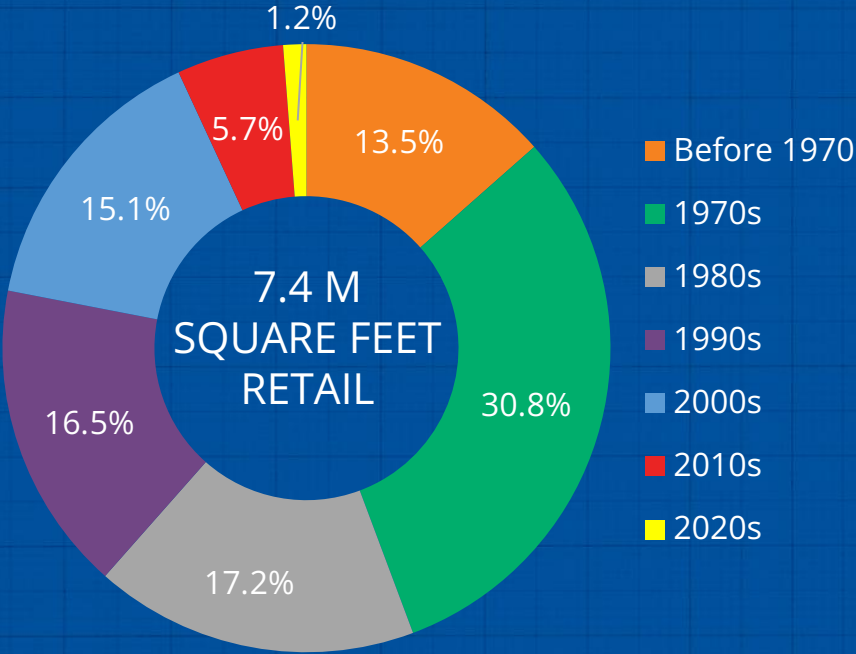


# Commercial Summary: Initial Findings

# MARKET ANALYSIS: Commercial Inventory

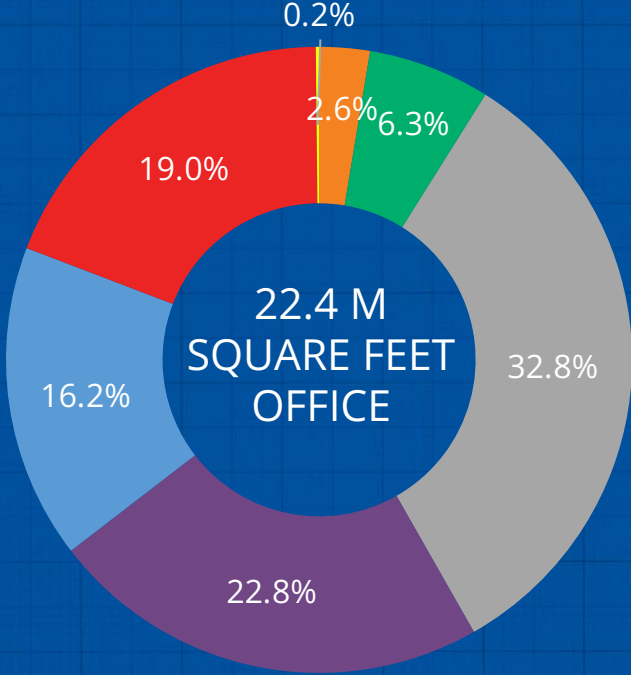
RETAIL SQ FT. BY DECADE BUILT

Source: CoStar; Kimley-Horn



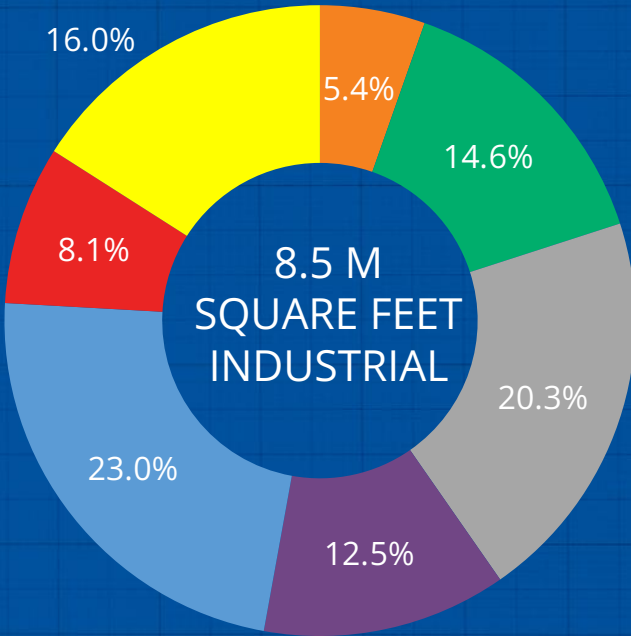
OFFICE SQ FT. BY DECADE BUILT

Source: CoStar; Kimley-Horn



INDUSTRIAL SQ FT. BY DECADE BUILT

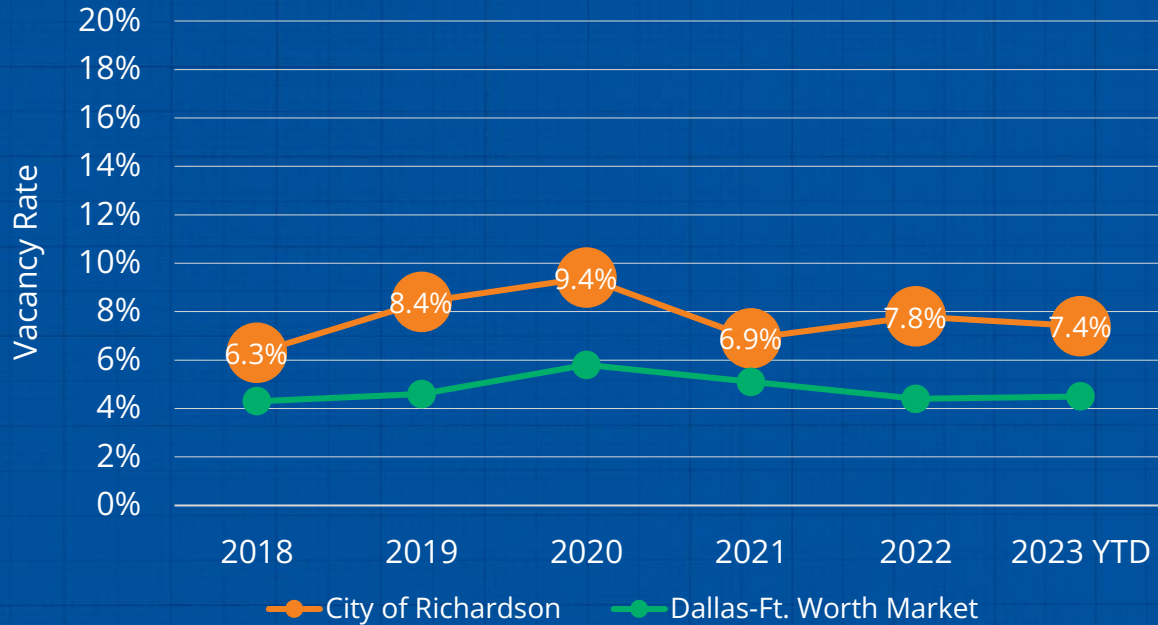
Source: CoStar; Kimley-Horn



# MARKET ANALYSIS: Retail Trends

## COMPARISON OF RETAIL VACANCY RATES, RICHARDSON, 2018 – 2023 (YTD)

Source: CoStar; Kimley-Horn



## COMPARISON OF ASKING RETAIL RENT, 2023

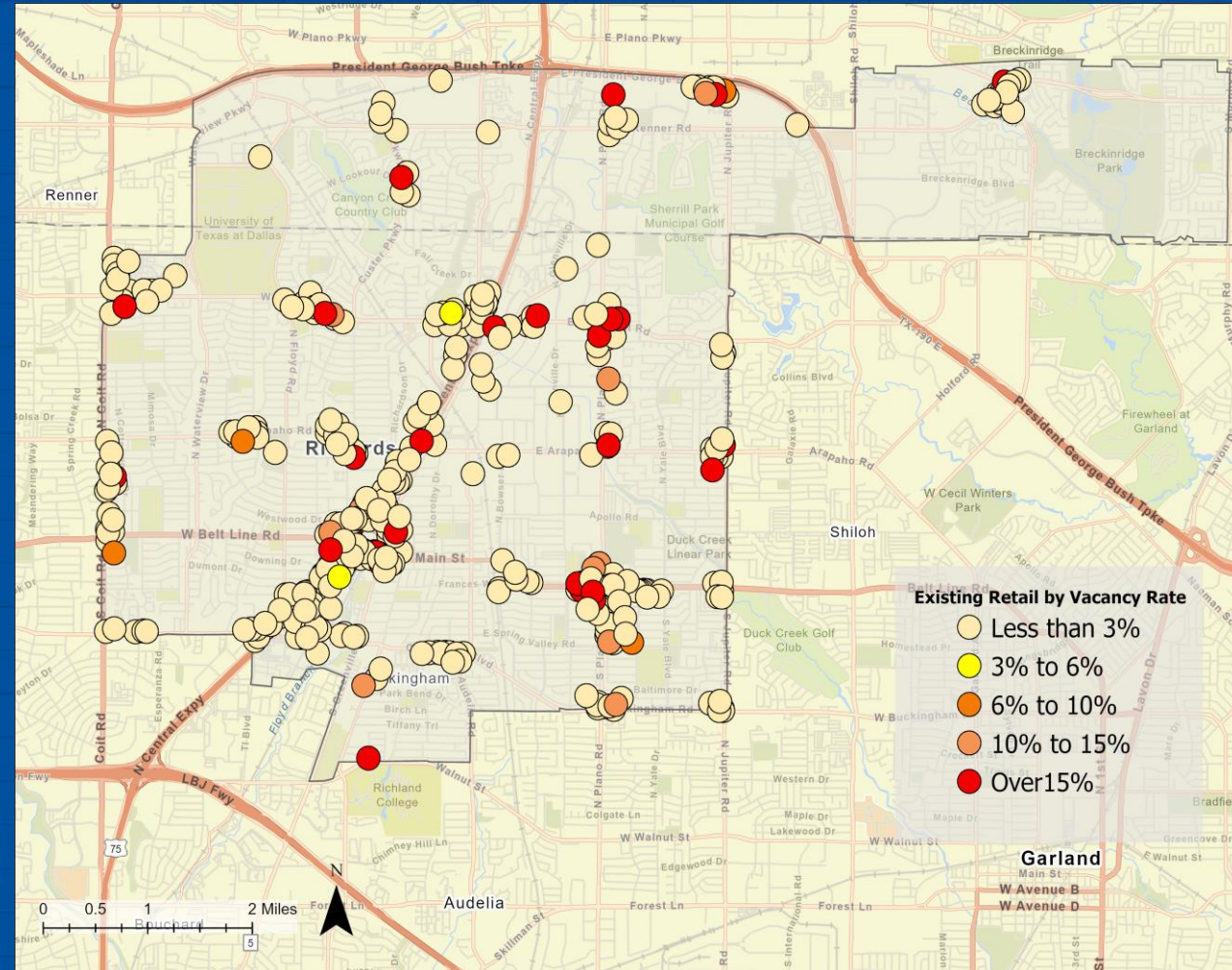
Source: CoStar; Kimley-Horn



City of Richardson



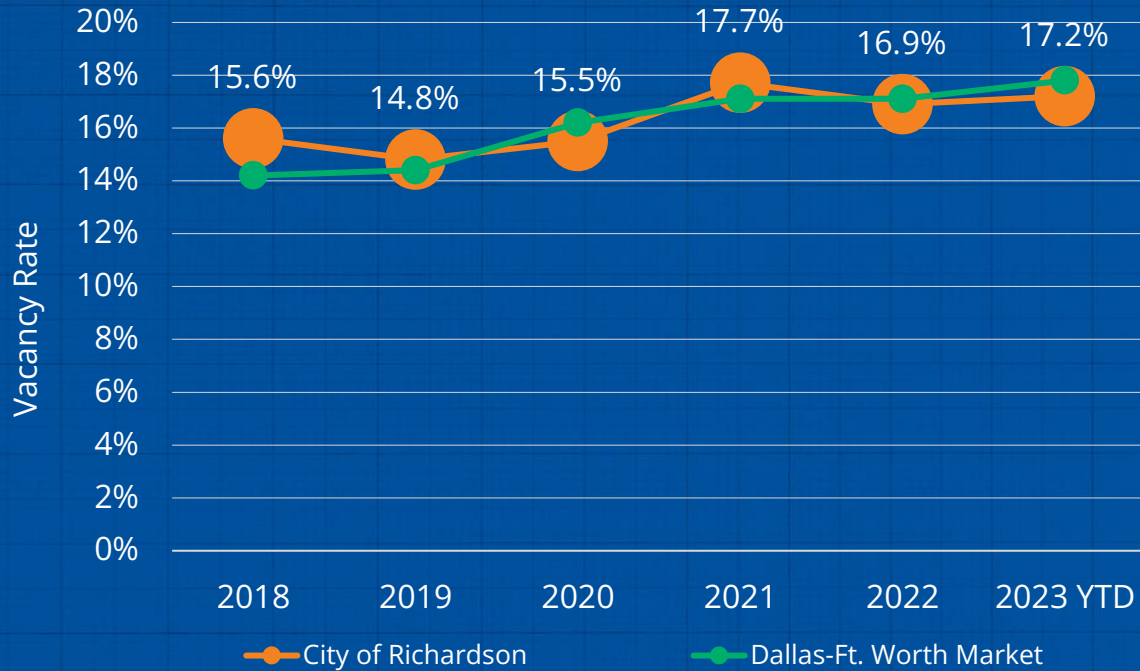
Metroplex



# MARKET ANALYSIS: Office Trends

## COMPARISON OF OFFICE VACANCY RATES, 2018 – 2023 (YTD)

Source: CoStar; Kimley-Horn



## COMPARISON OF ASKING OFFICE RENT, 2023

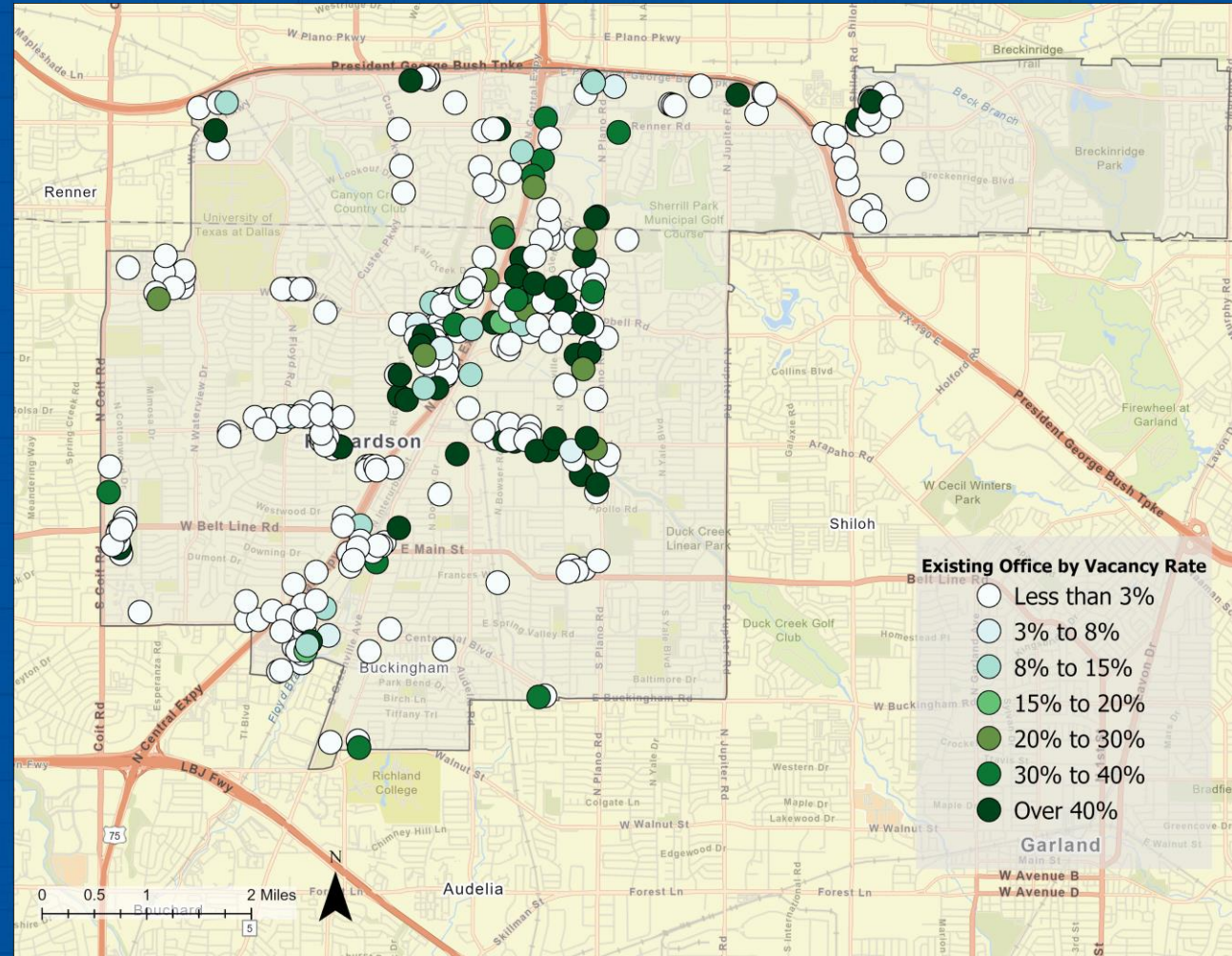
Source: CoStar; Kimley-Horn

\$18.26  
per sq.ft.

City of Richardson

\$23.12  
per sq.ft.

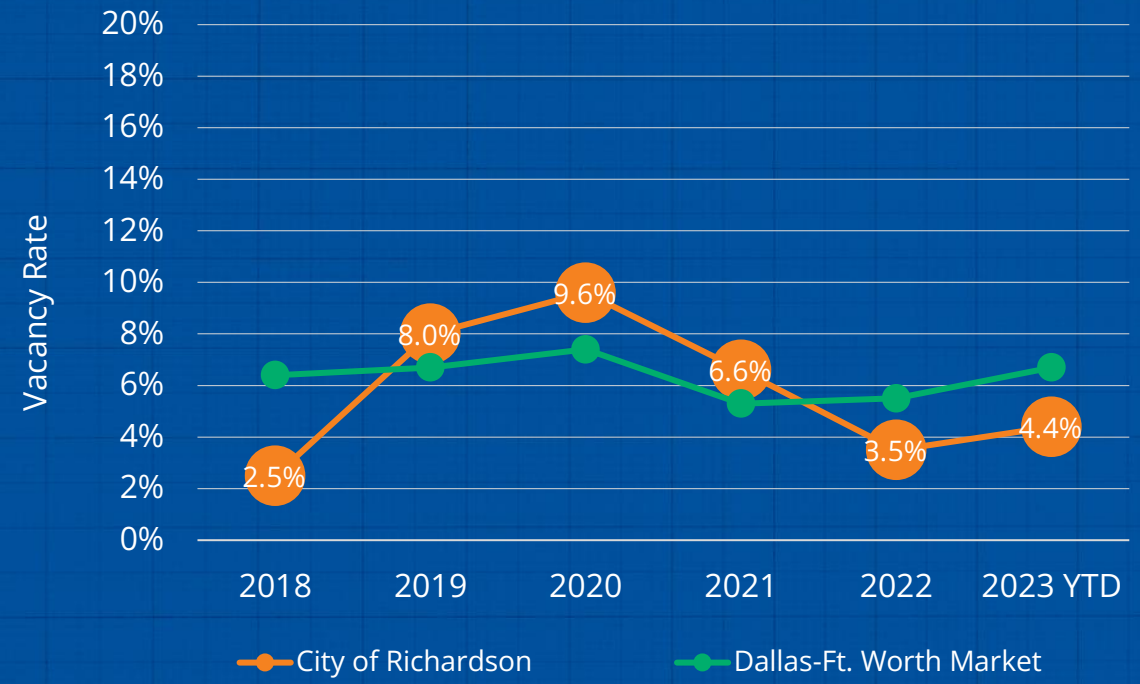
Metroplex



# MARKET ANALYSIS: Industrial Trends

## COMPARISON OF INDUSTRIAL VACANCY RATES, 2018 – 2023 (YTD)

Source: CoStar; Kimley-Horn



## COMPARISON OF ASKING INDUSTRIAL RENT, 2023

Source: CoStar; Kimley-Horn

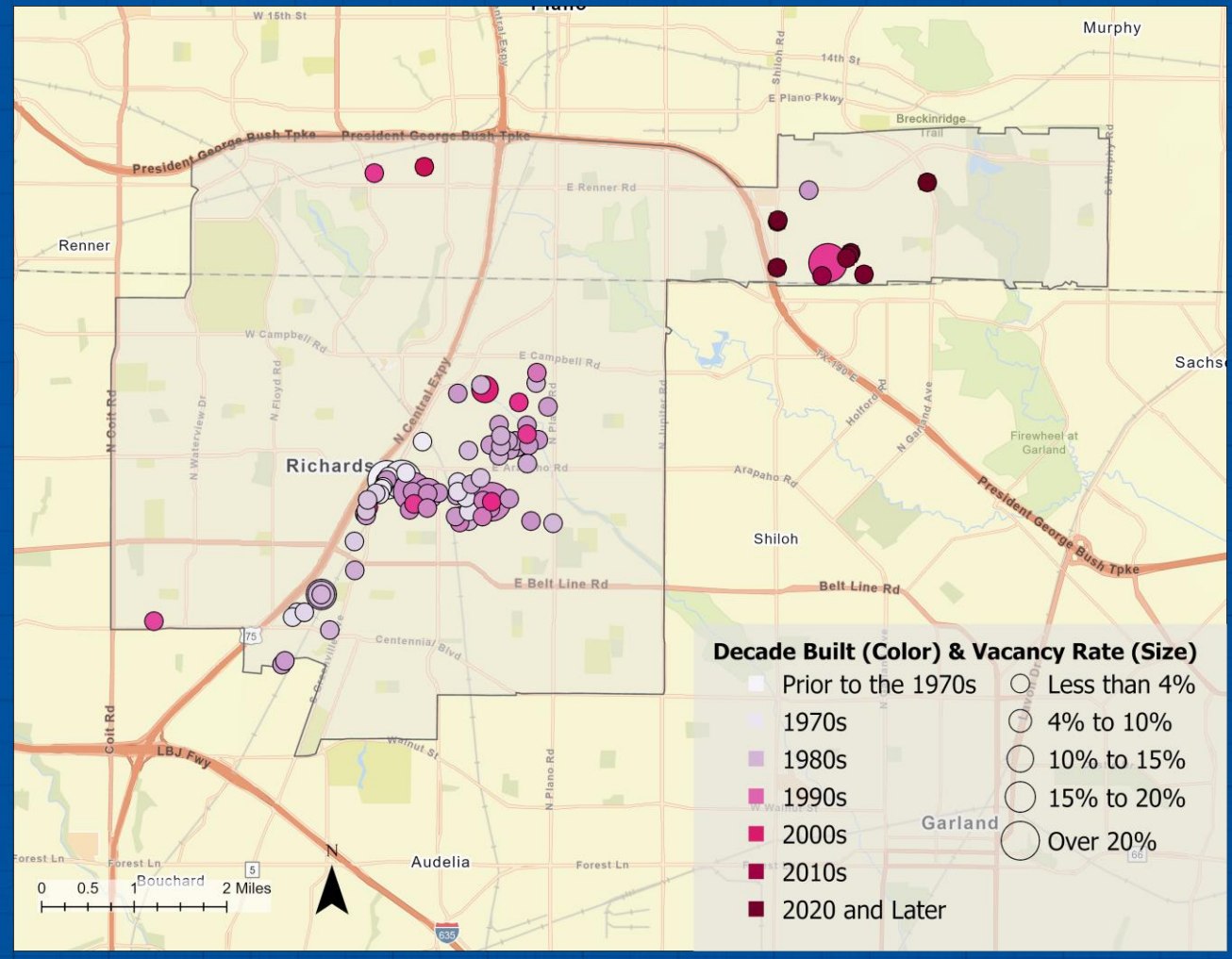


**\$13.54**  
per sq.ft.

City of Richardson

**\$8.17**  
per sq.ft.

Metroplex

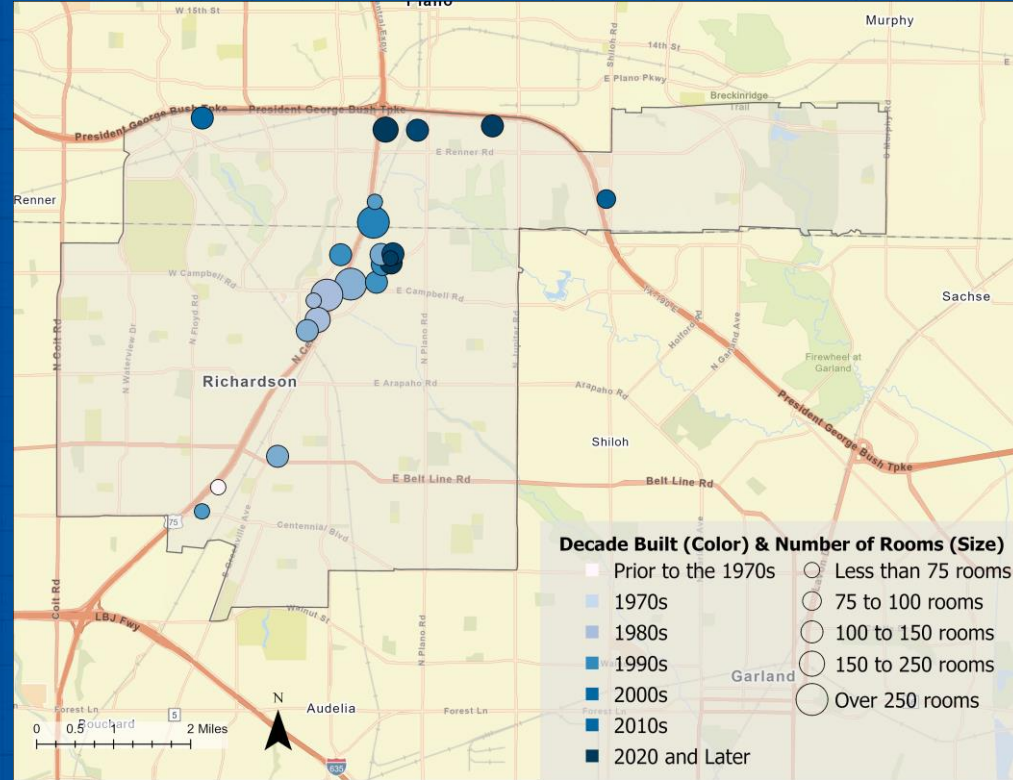
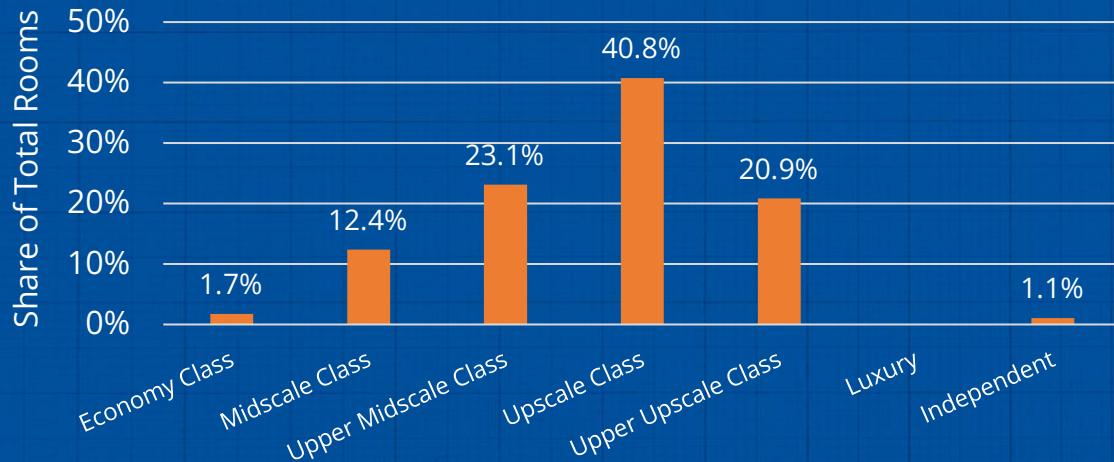
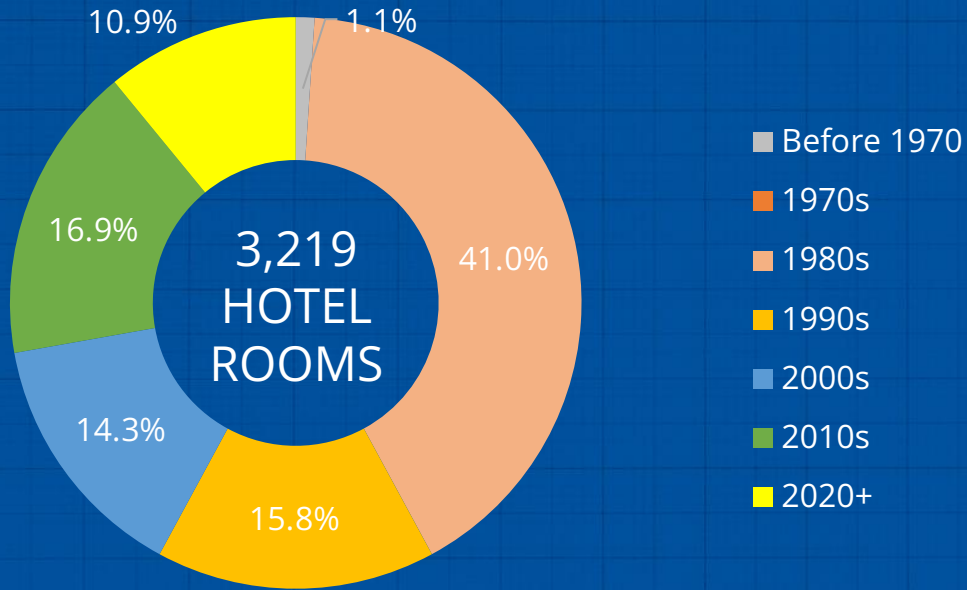




# MARKET ANALYSIS: Hotel Inventory

## TOTAL SHARE OF HOTEL INVENTORY BY DECADE BUILT

Source: CoStar; Kimley-Horn



## COMPARISON OF AVERAGE DAILY RATE, 2023

Source: CoStar; Kimley-Horn



City of Richardson



Metroplex

# Community Summit Overview

# Public Engagement Toolkit

- First step – Engagement Plan
- Continually throughout the process – engagement checkpoints
- Recognizable branding strategy
- Community Summit round 1 starts Saturday, June 24<sup>th</sup> with the Richardson 150<sup>th</sup> Celebration, and continues for the next 3 weeks



# Online Presence

- EnvisionRichardson.com
- Currently configured to facilitate feedback in nearly 100 languages
- Will provide a transparent, visual dashboard for public to learn about the initiative, review feedback received to date, and participate in ongoing dialogue related to the desired vision for Richardson by 2050



ENVISION RICHARDSON COMPREHENSIVE PLAN UPDATE Menu

## ABOUT

### Overall Comprehensive Plan Description

#### What is a Comprehensive Plan?

A Comprehensive plan is a document that states a community's desired vision for the future. It consists of a single plan or coordinated set of plans organized by subject or sometimes geographic area. While a comprehensive plan states the community's vision for the future, it does not constitute zoning regulations or establish zoning district boundaries.

#### How is a Comprehensive Plan Used?

A comprehensive plan is used to coordinate and guide the future establishment of development regulations. It is used to provide a basis for future zoning decisions. It also helps to guide public investments in transportation and other infrastructure improvements to aid in guiding future development. It is a policy document that includes and implementation plan for use by City staff, and this plan will also provide a fiscal impact analysis.

#### Why Prepare a Comprehensive Plan?

Texas Local Government Code requires zoning regulations to be adopted in accordance with a comprehensive plan. The current plan was prepared in 2009, and there have been significant changes in Richardson since that time.

### Envision Richardson Comprehensive Plan Components

ENVISION RICHARDSON COMPREHENSIVE PLAN UPDATE 菜單

## 關於

### 整體綜合方案說明

#### 什麼是綜合計劃?

綜合計劃是一份闡述社區期望的未來願景的文件。它由單個計劃或按主題或有時按地理區域組成的協調計劃集組成。雖然綜合規劃闡述了社區對未來的願景，但它並不構成分區條例或建立分區區域邊界。

#### 如何使用綜合計劃?

統籌規劃，統籌指導未來發展法規的制定。它用於為未來的分區決策提供基礎。它還有助於引導對交通和其他基礎設施改進的公共投資，以幫助指導未來的發展。這是一份政策文件，包括供市政府工作人員使用的實施計劃，該計劃將提供財政影響分析。

#### 為什麼要準備一個全面的計劃?

德克薩斯州地方政府法規要求根據綜合規劃或分區法規。目前的計劃是在 2009 年制定的，從那時起，理查森發生了重大變化。

### 設想理查森綜合計劃組成部分

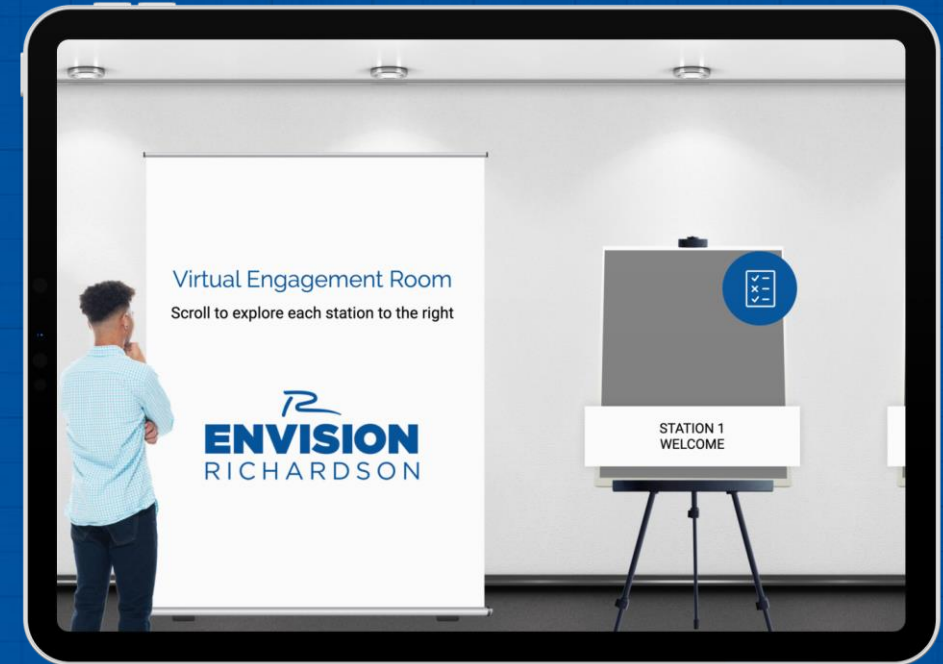
未來土地利用

# Targeted Public Engagement – Stakeholder Interviews

- More than 20 interviews are being conducted to ask stakeholders for specific feedback related to current issues and opportunities facing Richardson and their opinions on the community's vision for 2050
- Informs the broader engagement efforts
- Representative stakeholder groups include:
  - City Council
  - City Plan Commission
  - Faith-Based Community
  - Cultural Groups
  - Richardson Chamber
  - Corporations
  - Small Businesses
  - Neighborhood Associations
  - Education Providers
  - Partner Organizations
  - Non-profits
  - Real Estate Professionals

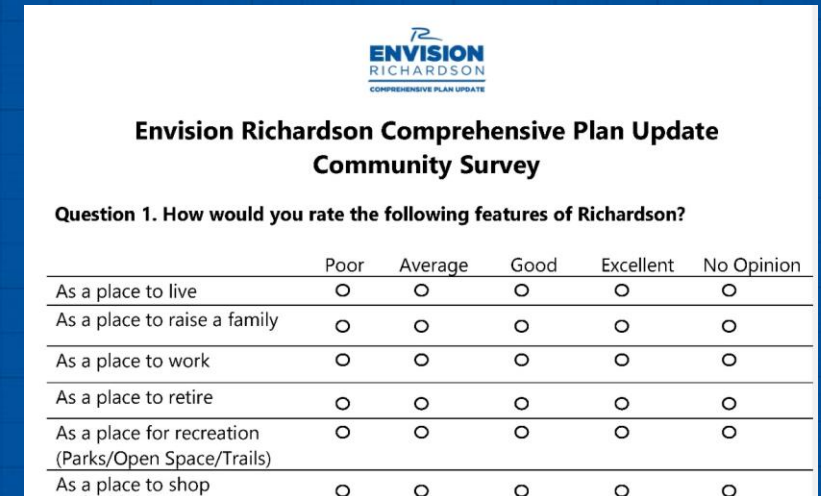
# Community Summit – Online Engagement Rooms

- Online engagement rooms will be live starting June 24<sup>th</sup> for feedback from individuals that prefer to provide input at their convenience
- The format for the online engagement mirrors the activities at the in-person events
- Participants will review background materials and provide feedback related to:
  - Future Community Vision
  - Community Priorities
  - Reinvestment Areas
  - Citywide Strategies
  - Transportation & Mobility
  - Neighborhoods and Housing



# Community Summit – Community Survey

- The Community Survey will provide an opportunity for residents to comment on current issues and their vision and priorities for Richardson’s future, even if they are unable to attend any of the community events.
- The Survey will be available online via:
  - Direct link on the website
  - Link/QR code at the open houses
  - Next step after completion of the virtual engagement rooms and kiosk stations
  - Email and social media reminder
- It can also be made available in hard copy at community events, pop-up locations, and Ambassador-led small group meetings.



The screenshot shows a survey form titled "Envision Richardson Comprehensive Plan Update Community Survey". At the top is the Envision Richardson logo. Below the title is the question: "Question 1. How would you rate the following features of Richardson?". The survey uses a Likert scale with five options: Poor, Average, Good, Excellent, and No Opinion. Each option is represented by a radio button. The features being rated are: "As a place to live", "As a place to raise a family", "As a place to work", "As a place to retire", "As a place for recreation (Parks/Open Space/Trails)", and "As a place to shop".

	Poor	Average	Good	Excellent	No Opinion
As a place to live	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As a place to raise a family	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As a place to work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As a place to retire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As a place for recreation (Parks/Open Space/Trails)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
As a place to shop	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

# Community Summit – Workshops

- Six major in-person Summit Workshops (two per engagement round)
- Community Summit Workshops – Round 1
  - Tuesday, June 27<sup>th</sup> – 6:30 – 8:30 pm  
Heights Recreation Center
  - Saturday, July 8<sup>th</sup> – 10:00 am – 12:00 noon  
Huffhines Recreation Center
- Feedback stations will replicate activities available in Online Engagement Rooms (overall visioning, priorities ranking, land use, reinvestment areas, transportation, neighborhoods and housing)





# Community Summit – Existing Richardson Events

- Existing Richardson events are being utilized to provide the community with information regarding the EnvisionRichardson initiative and how to participate. Events to date include:
  - Cottonwood Art Festival – May 6 & 7, 2023
  - Wildflower! Arts & Music Festival – May 19-21, 2023
  - IQ Brew – June 8, 2023
- The consultant team will facilitate engagement activities at the following events during the Community Summit #1 timeframe:
  - Richardson 150<sup>th</sup> Celebration  
Saturday June 24<sup>th</sup> – 10:00 am – 2:00 pm  
CORE District
  - Richardson Family 4<sup>th</sup> Celebration  
Tuesday July 4<sup>th</sup> – 5:00 pm – 8:30 pm  
Breckinridge Park
- Additional events will be programmed this Fall



# Community Summit – Meeting-in-a-Box

- Community members have been invited to volunteer as Project Ambassadors to facilitate structured discussions with their constituent groups (neighborhood associations, business groups, religious groups, cultural groups, etc.)
  - Ambassadors are still being recruited, email [AskEnvisionRichardson@cor.gov](mailto:AskEnvisionRichardson@cor.gov) for more information
- Project Ambassadors have been provided three training session options and will facilitate discussions with their groups and provide their feedback by July 14th
- Ambassador meeting materials/questions are available in nearly 100 languages utilizing Google translate on the project website
- If you'd like to have an Ambassador facilitate a meeting with your group, email [AskEnvisionRichardson@cor.gov](mailto:AskEnvisionRichardson@cor.gov)



# Community Summit – Pop-Up's

- Pop-up kiosks will be set up around the community to engage the public utilizing the Virtual Engagement Rooms. The following are being coordinated:
  - City facilities – Library, Senior Center, Recreation Centers, Municipal Court
  - Local churches and faith facilities
  - Non-profit facilities
  - Cultural centers
  - Major employment centers
  - The University of Texas at Dallas
  - Organizational events (Chamber and IQ events)
- Overview materials describing how to utilize the pop-up will be provided in languages appropriate to the venue, and specific engagement activities will be available in nearly 100 languages utilizing Google Translate



  
**ENVISION**  
RICHARDSON

COMPREHENSIVE PLAN UPDATE



**WE NEED YOUR INPUT!**  
PLEASE TAKE A FEW  
MINUTES TO GIVE US YOUR  
INPUT ON THE IPAD OR  
YOUR OWN DEVICE.

[ENVISIONRICHARDSON.COM](https://www.envisionrichardson.com)

 AVAILABLE IN:

English | Español | Tiếng Việt | العربية | 中國人 | Türkçe | + more



# Next Steps

# Next Steps

- Remaining Stakeholder Interviews will be completed, and a summary of the feedback will be published on the website
- Community Summit #1 commences Saturday, June 24<sup>th</sup> and continues through mid-July
  - Online Engagement Rooms at [EnvisionRichardson.com](https://EnvisionRichardson.com)
  - Project Ambassadors will facilitate discussions with their groups and provide their feedback by July 14<sup>th</sup>
  - Community Summit Workshops set for June 27<sup>th</sup> (Heights Recreation Center) and July 8<sup>th</sup> (Huffhines Recreation Center)
  - Feedback opportunities at community events planned for Richardson's 150<sup>th</sup> Anniversary on June 24<sup>th</sup> and Family 4<sup>th</sup> Celebration on July 4<sup>th</sup>
- Joint CPC and Council Work Session is scheduled for July 31<sup>st</sup> to discuss findings from Community Summit 1



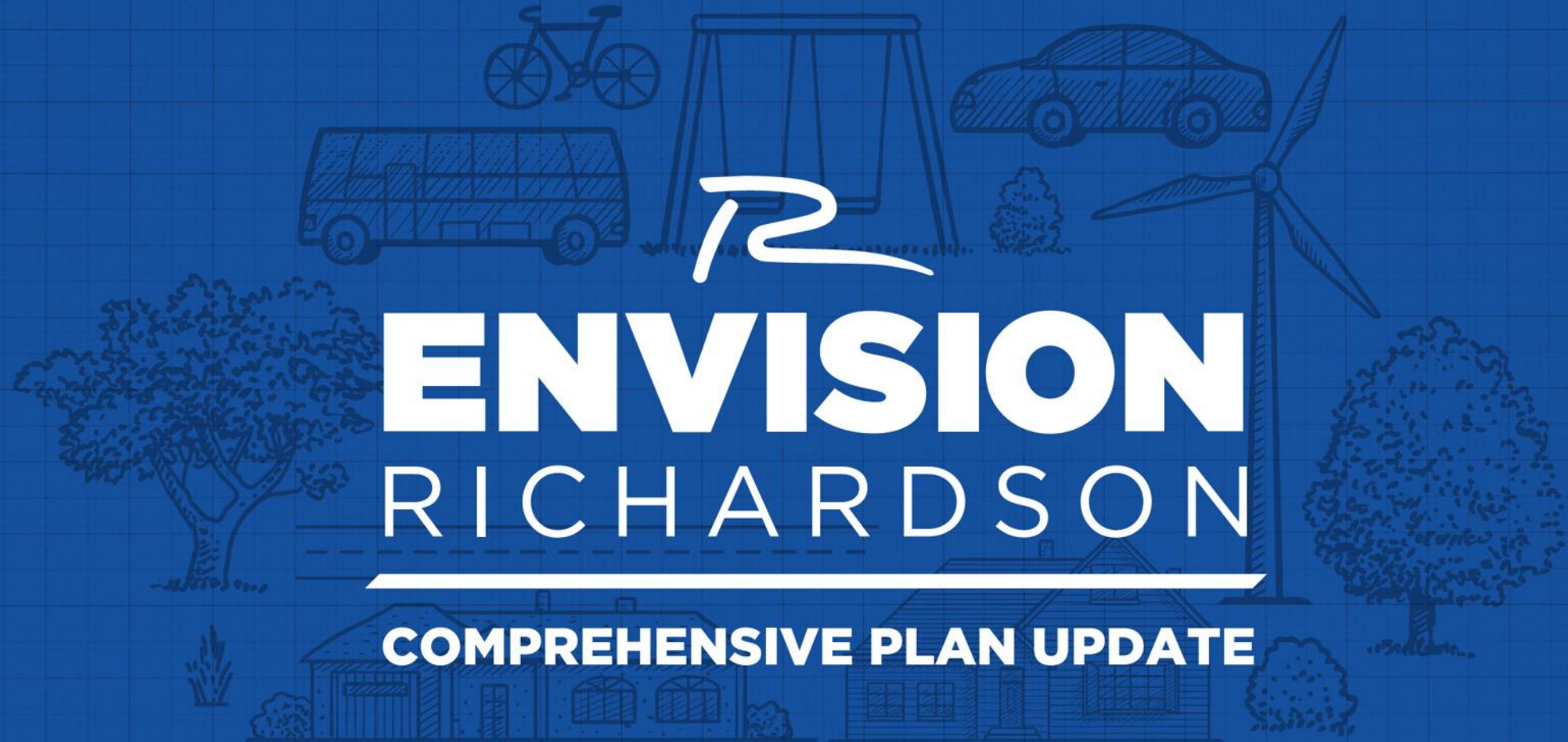
# Discussion



# ENVISION RICHARDSON

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**COMPREHENSIVE PLAN UPDATE**





# TRANSPORTATION & MOBILITY UPDATES

City Council Briefing: June 19, 2023



# PRESENTATION OVERVIEW

- Operations Overview
- Capital Improvement & Special Projects
- Galatyn Shuttle
- Active Transportation Plan
- Next Steps

# OPERATIONS OVERVIEW

# DEPARTMENTAL ORGANIZATION



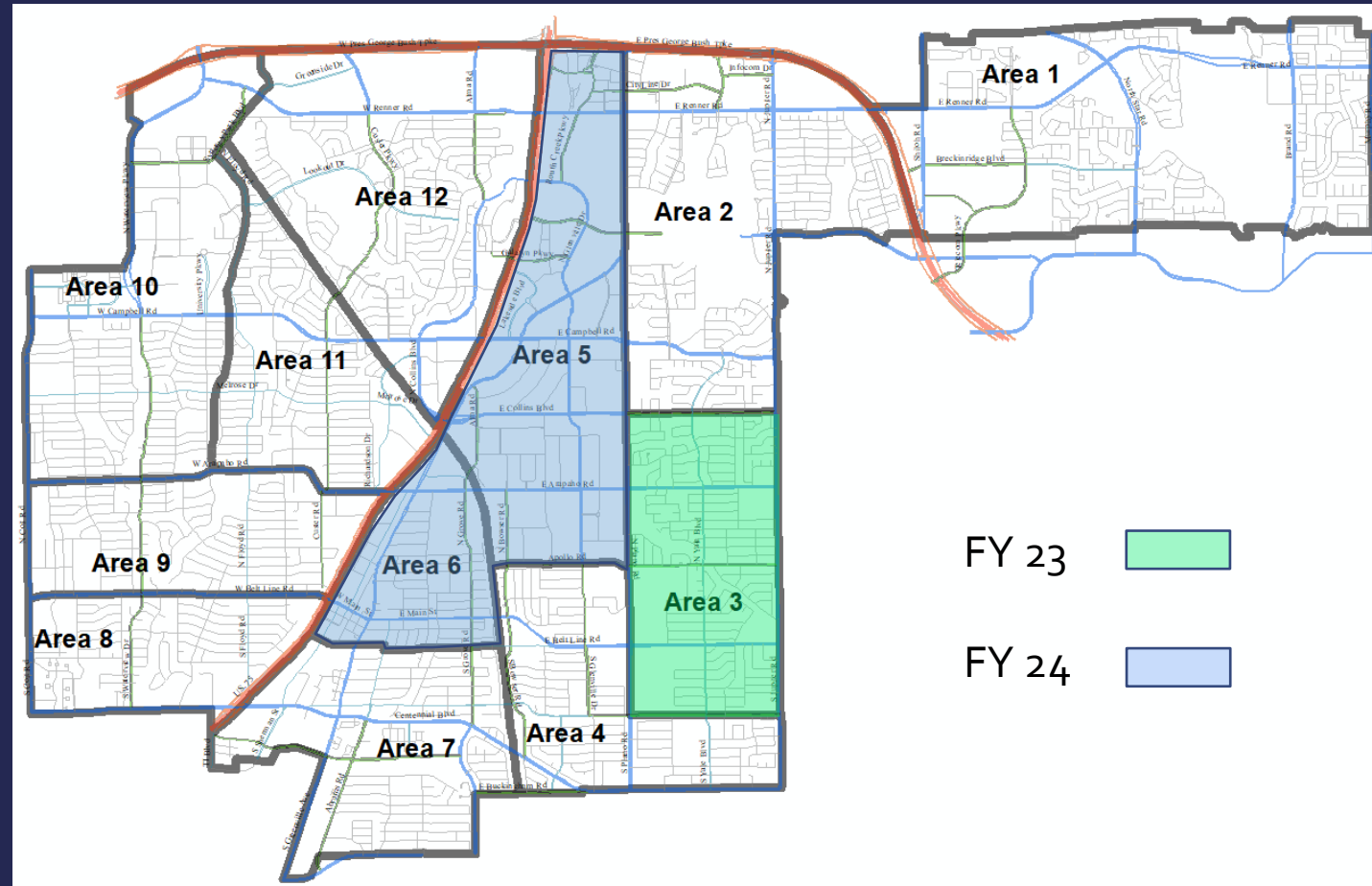
# TRAFFIC SIGNS

- Regulatory, Warning and Guidance Signs
- Annual in-house inspections
- Retro-reflectivity
- 12-Year replacement schedule
- In-house services



# TRAFFIC SIGNS (CONT'D...)

- **Citywide: 22,000 signs**
  - Majority are traffic control signs: 17,000
- **Street Name Signs Replacement:**
  - Large street name signs completed in FY 19
  - Small street name signs completed in FY 20
- **Traffic Control Signs Replacement:**
  - Area 1: completed in FY 21
  - Area 2: completed in FY 22
  - Area 3: completed in FY 23
  - Area 5 & 6: requested in FY 24
- **Systemic replacement cycle of 12 years**



# TRAFFIC SIGNS (CONT'D...)

- **Flashing Stop Signs**
  - Five locations in FY 22
    - Substantially reduced crashes – Grove
  - Criteria based on intersection location, crashes, and field conditions
  - Augmented with other countermeasures
- **Rectangular Rapid Flashing Beacons**
  - Nine locations
- **Speed Feedback Signs**
  - Four Signs
- **Dynamic Message Boards**
  - Six Trailers
  - Events and Construction



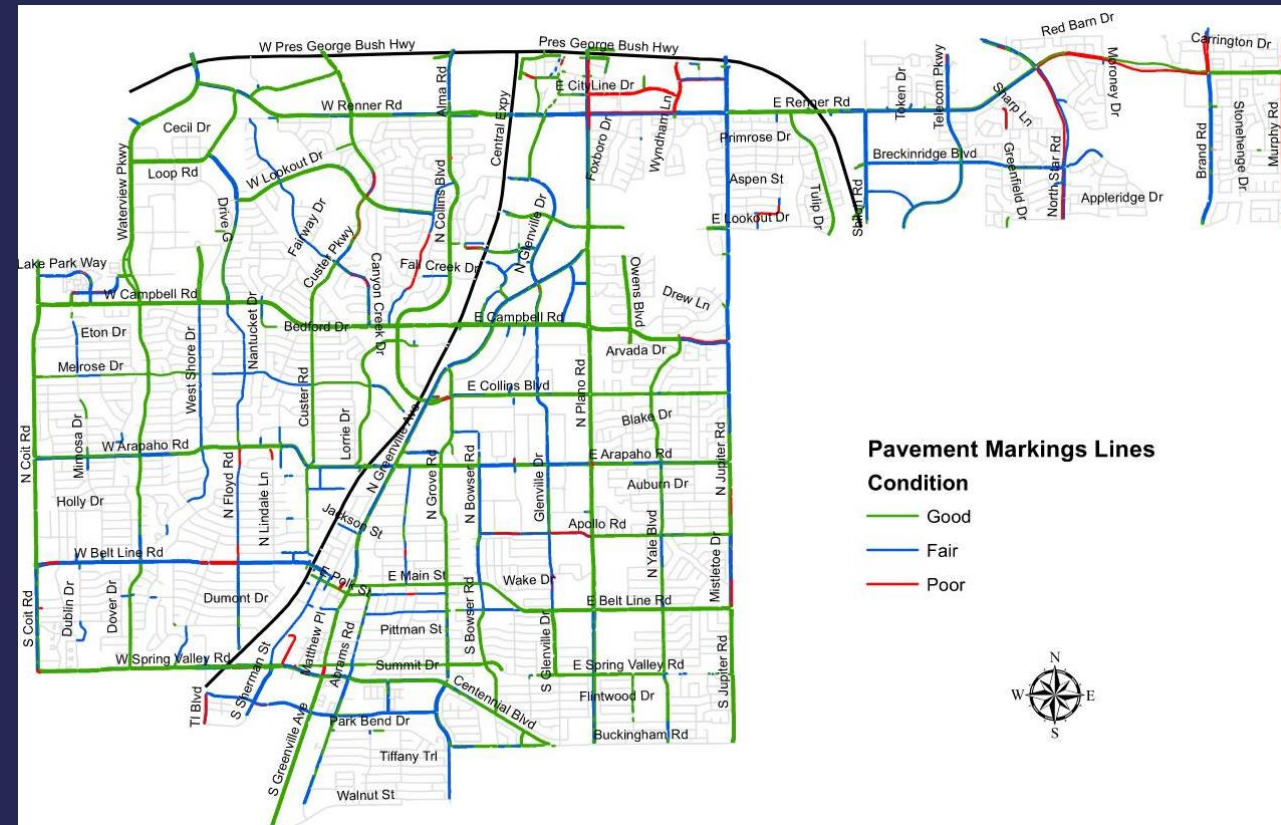
# PAVEMENT MARKINGS

- School Zones, Intersection Markings, Lane Lines, Bike Lanes and Mid-block Crosswalks
- Paint for crosswalks, stop bars, puppy tracks
- Buttons for lane lines. Paint is used in some cases
- Expected life cycle is between 3 to 5 years
- Annual in-house inspections
- Contractor services
  - Supply chain impacts
  - Material cost increases



# PAVEMENT MARKINGS (CONT'D...)

- ~400 Lane Miles of Roadway Pavement Markings
- 180 School Zones
- 15 Railroad Crossings
- 25 miles of Bike Lanes
- 38 City Facility Parking Lots
- Annual In-House Inspections
- Current Funding : \$533K
  - \$233K additional funding per year to achieve a 5-year replacement cycle





# PAVEMENT MARKINGS (CONT'D...)

## School Zones:

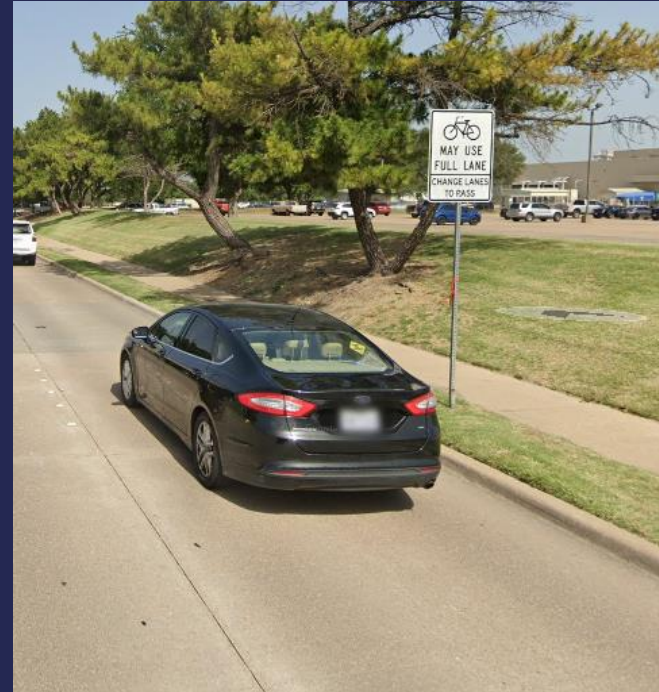
- 29 Schools
- 180 School Zones
- 89 School Flashers
- Annual in-house assessments
- Two-Year refreshment cycle
- Work performed during Summer



# PAVEMENT MARKINGS (CONT'D...)

## Bike Lanes

- 25 miles of Bike Lanes
- 26 miles of Signed Bike Routes
- Active Transportation Plan
  - Bike Friendly Designation – “Silver”
  - Routine maintenance with a 5-yr cycle
- Current Funding: \$100K
  - \$110K additional funding per year for 5-year replacement cycle
  - \$65K additional funding per year for buffered bike lane enhancements

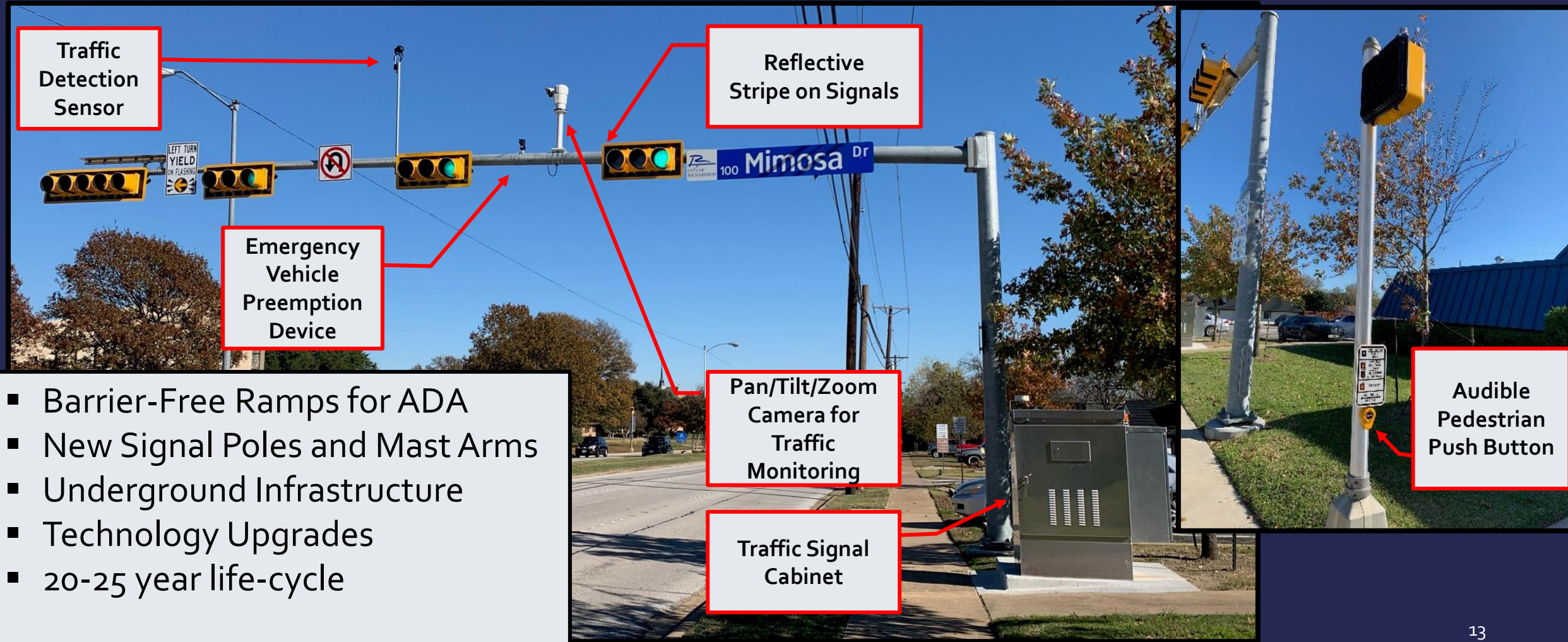


# TRAFFIC SIGNALS AND STREETLIGHTS

- 135 traffic signals
- 10 locations at State Highways
- Pan Tilt Zoom Cameras
- Two new traffic signals scheduled in FY 22/23
  - Renner Rd./Fire Station 5
  - Waterview Pkwy/Frank Johnson Dr.
- A fully connected system via 4G LTE cellular
- Traffic Management Center
- Communication Plan
- Over 1,000 streetlights

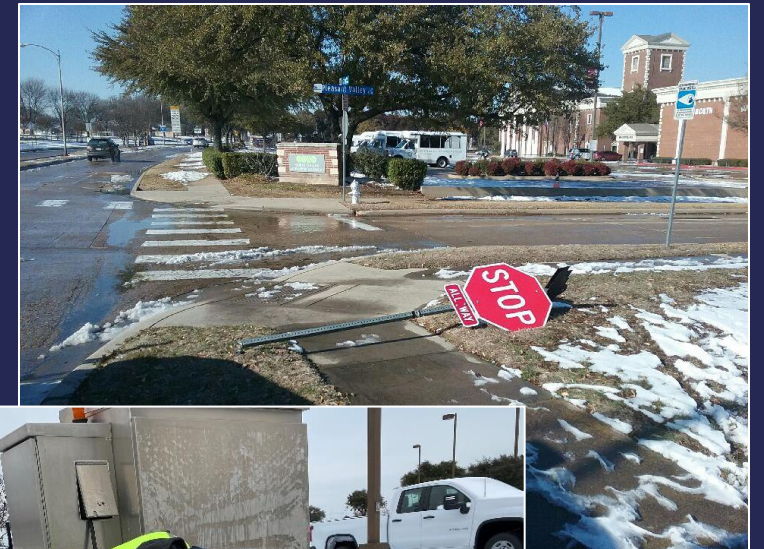


# COMPONENTS OF A NEW TRAFFIC SIGNAL



# TRAFFIC INFRASTRUCTURE MAINTENANCE CONSIDERATIONS

- Inflation
  - Est. 30% increases - signs
  - Est. 30% increases - markings
  - Est. 10% increases - signals
- Refreshment cycles
  - 12 years – regulatory, residential and directional
- Winter Weather
  - High impact to pavement markings
- Traffic Signal Maintenance
  - Evolving Technology



# OPERATIONS BUDGET: OVERVIEW

Key Accounts	FY 21 Actuals	FY 22 Actuals	FY 23 Budget	FY 24 Proposed*
Signals	\$122,526	\$185,381	\$201,400	\$219,200
Signs & Markings	\$297,572	\$403,822	\$707,090	\$917,342
Street Lighting	\$34,517	\$59,282	\$91,000	\$104,650
<b>Total</b>	<b>\$454,615</b>	<b>\$648,485</b>	<b>\$999,490</b>	<b>\$1,241,192</b>

\* Does not include additional funding for pavement markings to achieve the 5-year rotation cycle

# TRAFFIC TECHNOLOGY INFRASTRUCTURE WORK PLAN

- Completed 4G LTE upgrade for traffic signals in 2020
- Completed Phase 1 detection upgrade for 60 signals in 2020
- Completed Central System Software implementation in 2021
- Updated Video Management System in 2022



# TRAFFIC TECHNOLOGY INFRASTRUCTURE BUDGET

Funding	FY 21 Actuals	FY 22 Actuals	FY 23 Budget	FY 24 Proposed
<b>Revenues:</b>				
General Fund	\$1,850,000	\$2,150,000	\$1,850,000	\$1,850,000
Water Sewer Fund	\$200,000	\$200,000	\$200,000	\$200,000
<b>Total Revenue</b>	<b>\$2,050,000</b>	<b>\$2,350,000</b>	<b>\$2,050,000</b>	<b>\$2,050,000</b>
<b>Expenditures:</b>				
Traffic	\$429,550	\$162,491	\$452,976	\$846,976
IT	\$1,235,459	\$1,360,324	\$881,325	\$1,631,973
<b>Total Expenditures</b>	<b>\$1,665,009</b>	<b>\$1,522,815</b>	<b>\$1,334,301</b>	<b>\$2,478,949</b>



# **CAPITAL IMPROVEMENT & SPECIAL PROJECTS**

# 2021 BOND – TRAFFIC SIGNAL PROJECTS

## □ Work Plan FY 23

- Renner/Station 5 – Complete
- Belt Line/Glenville – August 2023
- Campbell/Nantucket – September 2023
- Campbell/Canyon Creek – December 2023
- Campbell/Yale – December 2023

## □ Work Plan FY 24

- Collins/Municipal
- Greenville/Arapaho
- Collins/Jupiter
- Coit/Roundrock
- Apollo/Yale

# HIGHWAY SAFETY IMPROVEMENT PROGRAM

## □ Work Plan FY 23

- Renner/Shiloh
- Spring Valley/Sherman
- Centennial/Greenville
- Buckingham/College Park
- Campbell/Greenville
- Coit/Spring Valley
- Plano/Belt Line
- Centennial/Abrams

## □ Work Plan FY 24

- US 75/Belt Line
- US 75/Arapaho
- Campbell/Plano
- Jupiter/Renner
- SH 190/Plano
- SH 190/Renner
- US 75/Renner
- SH 190/Jupiter
- Arapaho/Jupiter
- Jupiter/Belt Line

# SPECIAL PROJECTS

## □ Dallas County MCIP Funded Projects

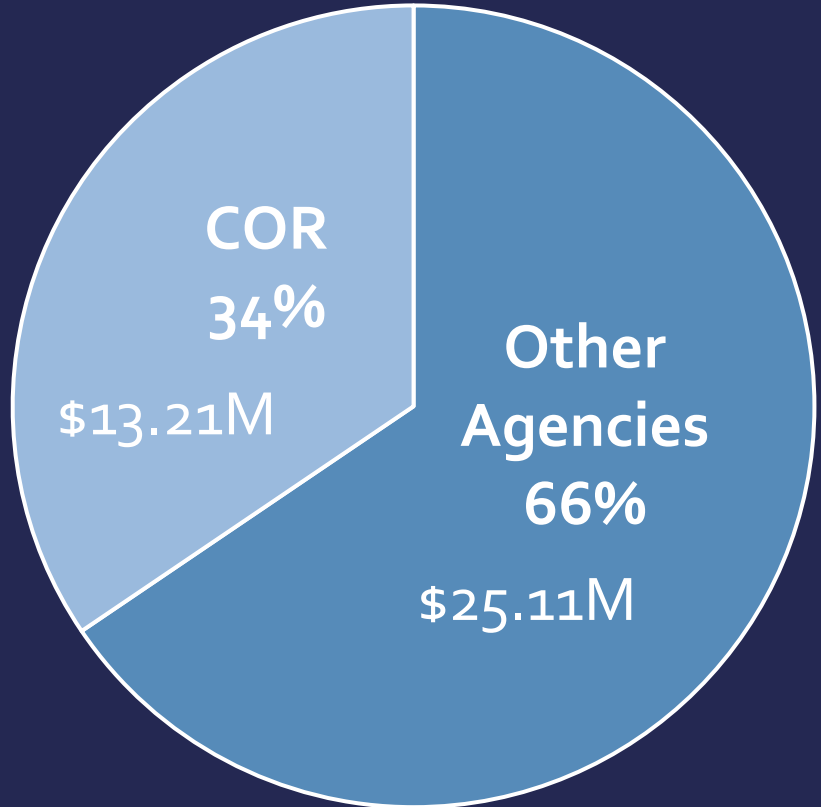
- Glenville (Arapaho to Collins) - Construction
- McKinney St/Main St - Construction
- Jupiter/Campbell – Design
- US 75/Belt Line – Pre-Design
- Arapaho (Custer to Greenville) – Concept
- Collins Overpass – Concept
- Duck Creek Trail at Beltline/Jupiter – Concept
- Main Street (Greenville to Abrams) - Concept

## □ NCTCOG Funded Projects

- Arapaho/Greenville (Bike/Ped Enhancements) – Construction
- Campbell/Jupiter (Capacity Enhancements) - Design
- Waterview/Frank Johnson (New signal) - Design
- Campbell/University (Capacity Enhancements) – Pre-Design
- AV 2.2/2.3 – Pre-Design

# TRANSPORTATION & MOBILITY PROJECT SUMMARY

- Total Projects – 46
- Total Cost – \$38.32M
- COR Funding - \$13.21M

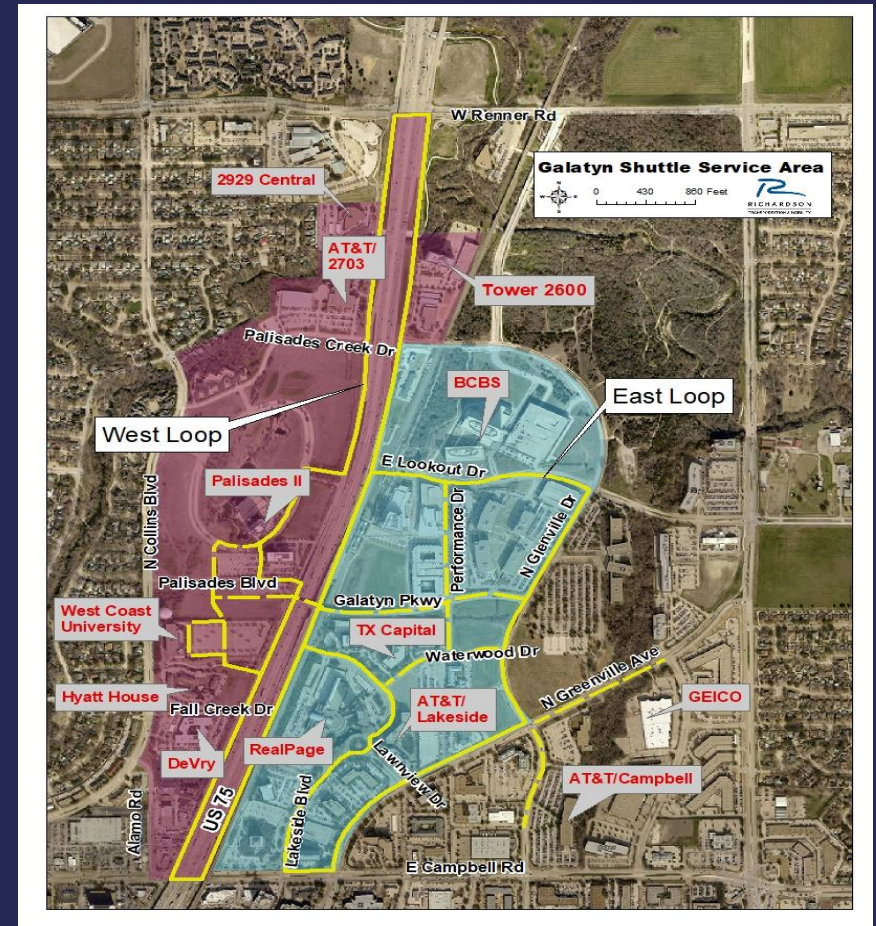


\* Other agencies include NCTCOG, TxDOT and Dallas County MCIP

# **GALATYN SHUTTLE**

# GALATYN SHUTTLE BACKGROUND

- Employment based shuttle operates 3 hours during the AM peak and 3 hours in the PM peak
- First agreement with DART established in January 2008
- Cost share agreement with DART 50/50
  - DART matches up to \$76,000/year
    - COR to cover any overages over \$152K
    - Terminates on December 31, 2023
- Current vendor - ECHO Transportation
  - Annual contract renewals
- FY2024: Re-bid service
  - Long-term contract
  - Right-size vehicle (impacts CDL requirement, fuel type)



# ACTIVE TRANSPORTATION PLAN



# ACTIVE TRANSPORTATION PLAN

## □ 2023 Q3 Initiatives

- Hired Mobility Planner – Starts in July
- Begin developing bike/ped safety outreach and education program – Safe Routes to School Program

## □ FY 2024 Initiatives

- Continue to advance regional projects
  - Cotton Belt Trail
  - Central Trail extension
- Refresh existing bike lane pavement markings
- Advance policy considerations as part of ATP
- Formalize Bicycle & Pedestrian Advisory Committee
- Reapply for Bike Friendly Community – Bronze → Silver



# NEXT STEPS

- Receive Council Feedback on Operations
- Advancement of Traffic System Work Plan
- Galatyn Shuttle Rebid
- Active Transportation Plan Initiatives

