

BICYCLE AND PEDESTRIAN ADVISORY COMMITTEE

North Central Texas Council of Governments Transportation Council Room February 19, 2020 2:00 p.m. – 4:00 p.m.

Association of Pedestrian and Bicycle Professionals (APBP) Webinar: "Active Transportation Planning Through Health in All Policies" - Hosted from 1:00-2:00 PM			
2:00 – 2:25 (25 min)	1. Welcome – Introductions Introduction of Committee and leadership. Discussion of the November 20, 2019 BPAC Meeting Summary as necessary.	Jessica Shutt, City of Richardson	
2:25 – 3:05	2. Local Community Updates		
(40 min)	 a. Fort Worth Vision Zero – Chelsea St. Louis b. E-Assist Bikes & Bike Share Ridership – Jennifer Grissom, Fort Worth Bike Sharing c. City Plan & Bicycle Boulevards – Joe Pack, North Richland Hills d. DART Bike Lids Update – Patricio Gallo, DART e. Upcoming Events and Training – Kathy Nelson, Co-Chair 	Various BPAC Members and Guests	
3:05 – 3:20 (15 min)	3. Better Block Pilot Intersection Improvements in Dallas A "pop-up" retrofit of the Park Lane five-points intersection in the Vickery Meadow area of Dallas. How potential infrastructure improvements impact the surrounding community and the safety of pedestrians in the area.	Jason Roberts, Better Block	
3:20 – 3:35 (15 min)	4. Greenville Avenue Road Diet A City of Richardson pilot project that brings together land use planning and transportation engineering to demonstrate what the future could look like for the Greenville Ave corridor.	Jessica Shutt, Doug McDonald, City of Richardson	
3:25 – 3:55 (20 min)	 5. NCTCOG Updates a. Transportation Alternatives 2020 Call for Projects – Daniel Snyder b. MTP Policy Bundle Round 4 – Kevin Kokes c. State Bicycle Advisory Committee Meeting Update – Kevin Kokes d. TTI / TxDOT Bike/Pedestrian Count Workshop – Kevin Kokes e. Selection of 2020 Committee Meeting Topics – Matt Fall 	NCTCOG Staff	
3:55 – 4:00 (5 min)	6. Other Business/Open Discussion This item provides an opportunity to bring items of interest before the Committee or propose future agenda items.	Jessica Shutt, City of Richardson	
Next BPAC Meeting The next meeting of the Bicycle and Pedestrian Advisory Committee is scheduled for May 20, 2020 , at 2:00 p.m. in the Transportation Council Room of the North Central Texas Council of Governments. Preceding the BPAC meeting, a pre-recorded webinar by the Association of Pedestrian and Bicycle Professionals (APBP) will be precented beginning at 1:00 p.m. The topic is to be determined			

will be presented beginning at 1:00 p.m. The topic is to be determined.

Agency Representing Name			
Agency Representing Town of Addison	Janna Tidwell		
City of Allen	Krishan Patel		
City of Arlington	Anthony Cisneros		
City of Bedford	Michele Wilson		
· · · · · ·			
City of Burleson	Heather Houseman		
City of Carrollton	Marcos Fernandez		
City of Cedar Hill	Shawn Ray		
City of Cleburne	Aaron Dobson		
City of Colleyville	Lisa Escobedo		
City of Coppell	John Elias		
City of Dallas	G. "Gus" Khankarli		
City of Denton	Marc Oliphant		
City of DeSoto	Tony Irvin		
City of Duncanville	Athena Seaton		
City of Euless	Alexander Harvey		
City of Farmers Branch	Mitzi Davis		
Town of Flower Mound	Kari Biddix		
City of Fort Worth	Jeremy Williams		
City of Frisco	Robert Caskey		
City of Garland	Josue De la Vega		
City of Grand Prairie	Brett Huntsman		
City of Grapevine	Kathy Nelson		
City of Greenville	Letora Anderson		
City of Haltom City	Melissa Eckert		
City of Irving	Cody Owen		
City of Keller	Cody Maberry		
City of Lancaster	Emma Chetuya		
City of Lewisville	Stacie Anaya		
City of Mansfield	Chris Ray		
City of McKinney	Robyn Root		
City of Mesquite	Wes McClure		
City of Midlothian	Heather Dowell		
City of North Richland Hills	Joe Pack		
City of Plano	Christina Sebastian		
City of Richardson	Jessica Shutt		
City of Southlake	Stephanie Taylor		
City of The Colony	Eve Morgan		
City of Waxahachie	Colby Collins		
City of Weatherford	Chad Marbut		
City of Wylie	Robert Diaz		
Dallas County	Minesha Reese		
Ellis County	Joseph Jackson		
Hood County	Scott Sopchak		
Hunt County	Kevin St. Jacques		
Rockwall County	Lee Gilbert		
Tarrant County	Kristen Camareno		
Wise County	Chad Davis		
Dallas Area Rapid Transit			
	Patricio Gallo		
Denton County Transportation Authority	Tim Palermo		
North Texas Tollway Authority	Lori Shelton		
Trinity Metro	Sandip Sen		
TXDOT Dallas District	Melissa Meyer		
TXDOT Fort Worth District Phillip Hays			

Bicycle and Pedestrian Advisory Committee – 2020 Roster



Updates for BPAC

Jennifer Grissom Executive Director FWBS



A bit about our Electric Assist Bikes:



Bosch Purion Display

- Pedal assist no throttle, only assists when the rider is pedaling
- Assists up to 17mph after that you're on your own!
- BOSCH active mid-drive motor
- Swappable battery; Shimano Nexus brakes and gearing
- Battery life is approx. 30 miles





Power ON/OFF switch and display



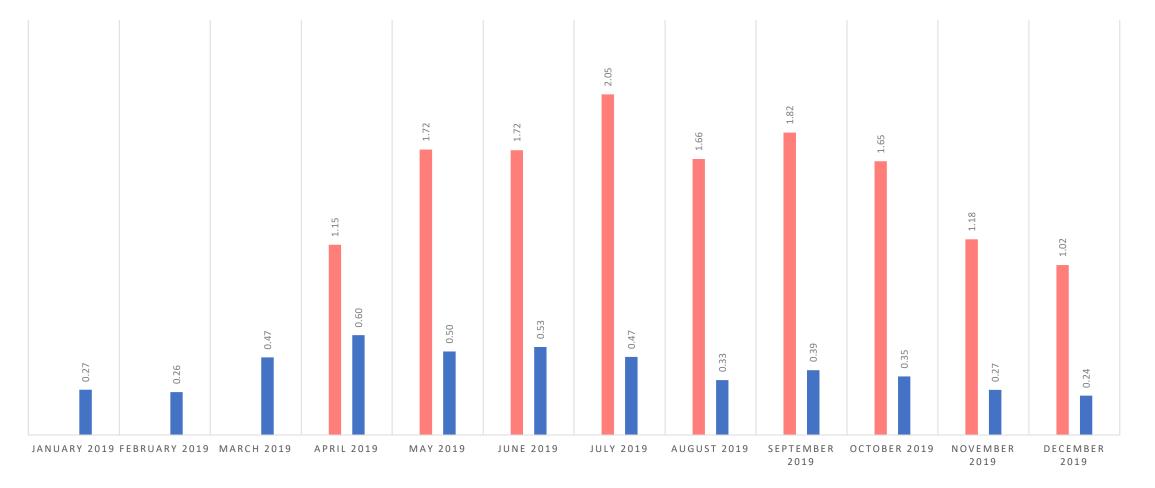
- In April 2019 we added 50 Electric Assist Bikes to our fleet and dramatically increased ridership.
- On average the 50 EBikes are ridden 1.55 times each day.
- When comparing month to month metrics of each bike model rides **in total**, the 50 EBikes take as many, if not more, trips than the all of the 300 regular bike model counterparts.
- We are working on a plan to increase the number of Electric Assist Bikes in our fleet.





RIDES PER BIKE MODEL PER DAY

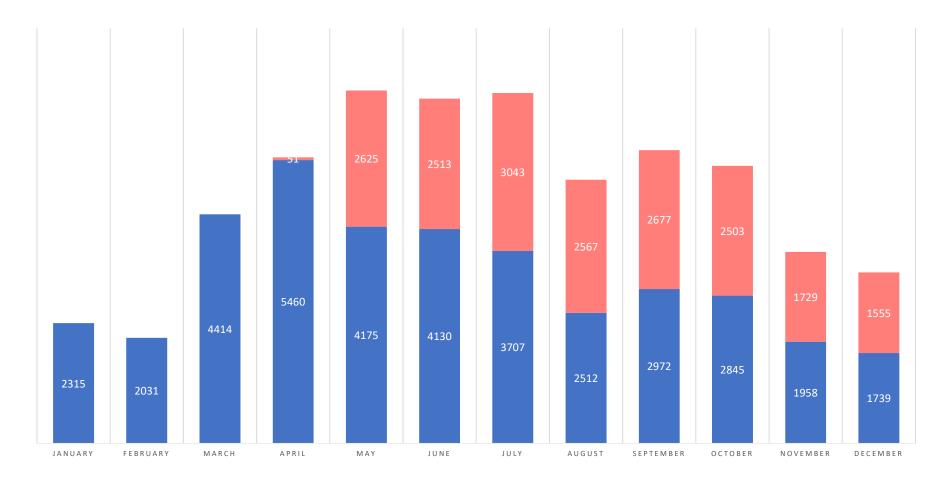
Electric Classic





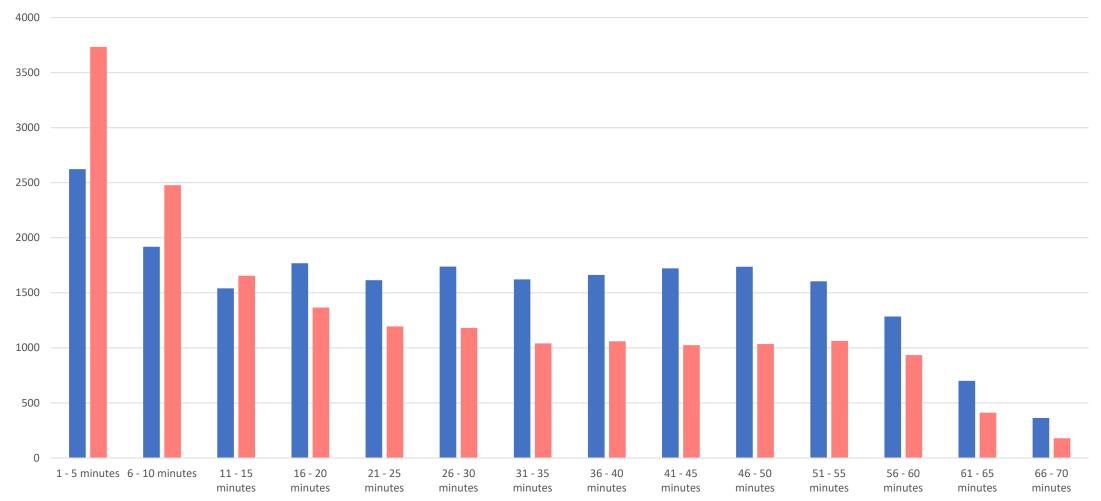
RIDES PER BIKE MODEL BY MONTH

Classic Electric





Trip Duration by Bike Model - May - December 2019



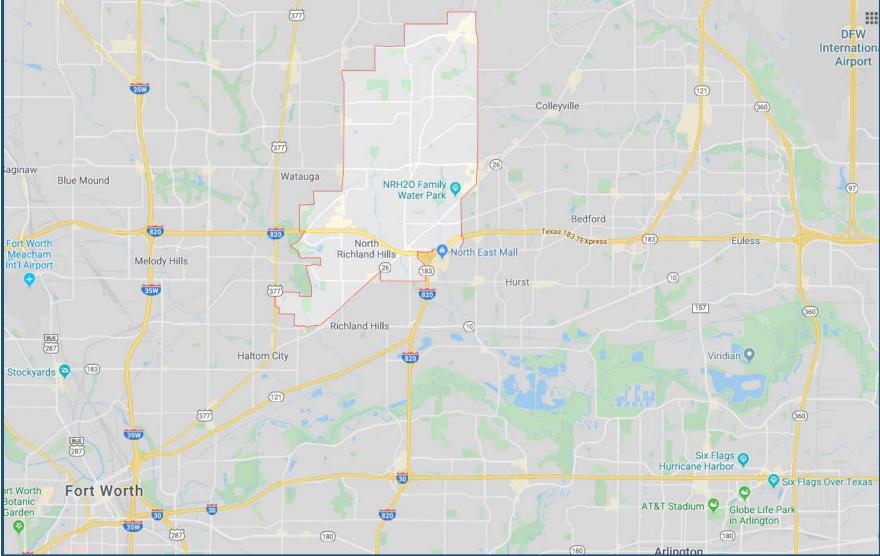


NRH Active Transportation Projects for Trails and On-Road Systems Bicycle Boulevards

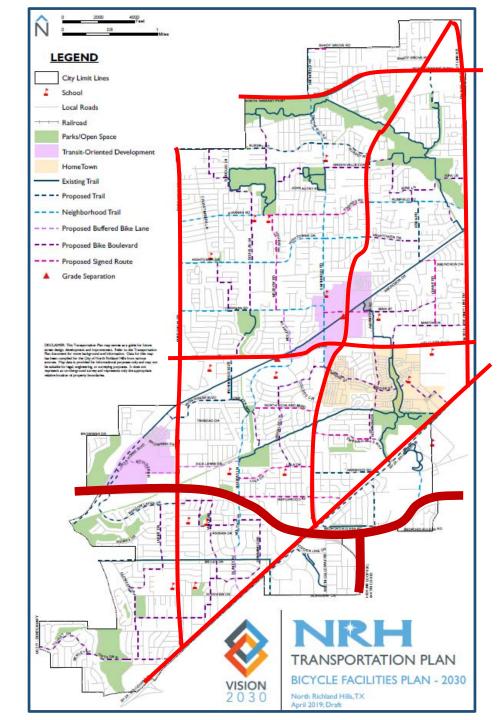
Presented to the Bicycle and Pedestrian Advisory Committee February, 2020

Joe Pack, PLA, Senior Park Planner North Richland Hills Parks and Recreation Department









NRH QUICK FACTS

- 18.2 Square Miles
- 7 miles from north to south
- 3 miles from east to west
- Population 71,270
- Land locked with 6 cities touching our borders
- 30 miles of trails (AASHTO)
- 30 parks and green spaces

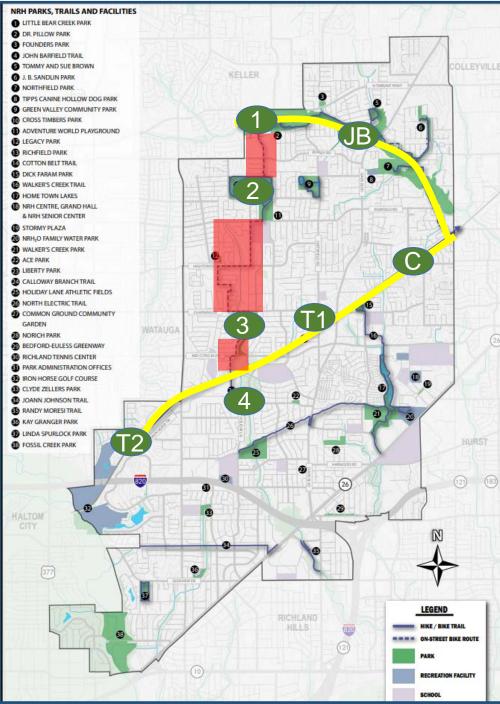


NRH Active Transportation Projects for Trails and On-Road Systems

Project Purpose

 To improve pedestrian/bicycle safety with comfort and suitability for all ages/abilities, and to provide local and regional connectivity from existing Veloweb (Cotton Belt Trail) to Future Veloweb (John Barfield Trail) and to major commuter transportation facilities





PROJECT PURPOSE

- Cotton Belt Trail
- Smithfield Station
- Iron Horse Station
- John Barfield Trail
- LBC Park
- Cross Timbers Park
- 3 Richfield Park
- **4** Liberty Park



City of North Richland Hills, Texas

Trail and Route System Plan

October 2016



NORTH RICHLAND HILLS TRANSPORTATION PLAN -





BICYCLE BOULEVARDS

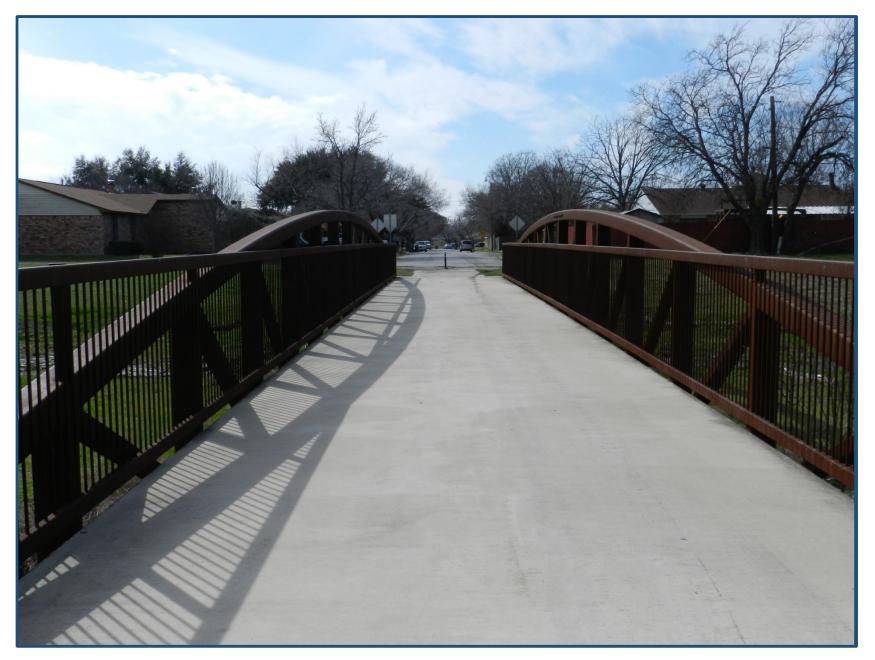
- Streets with low motorized traffic volumes and speeds
- Streets that discourage through trips by motor vehicles
- Designed to give bicycle travel priority
- Signs, pavement markings and speed and volume measures
- Creates convenient bicycle crossing of busy streets



Hike Bike Connect







Cotton Belt Trail to Richfield Park (Buckingham Road) Bicycle Boulevard





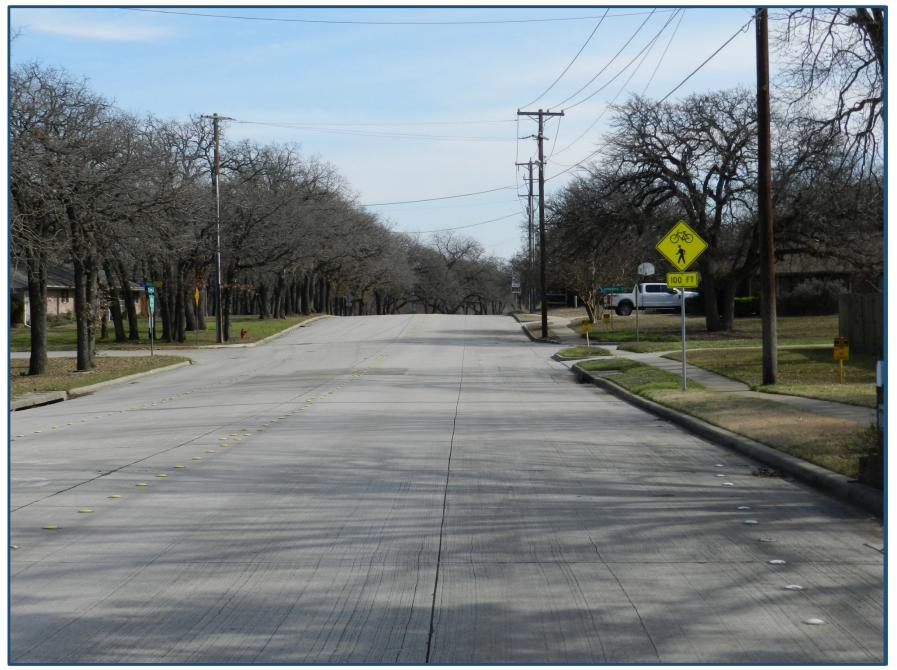
Richfield Park to Cross Timbers Park (Graham Ranch) Bicycle Boulevard



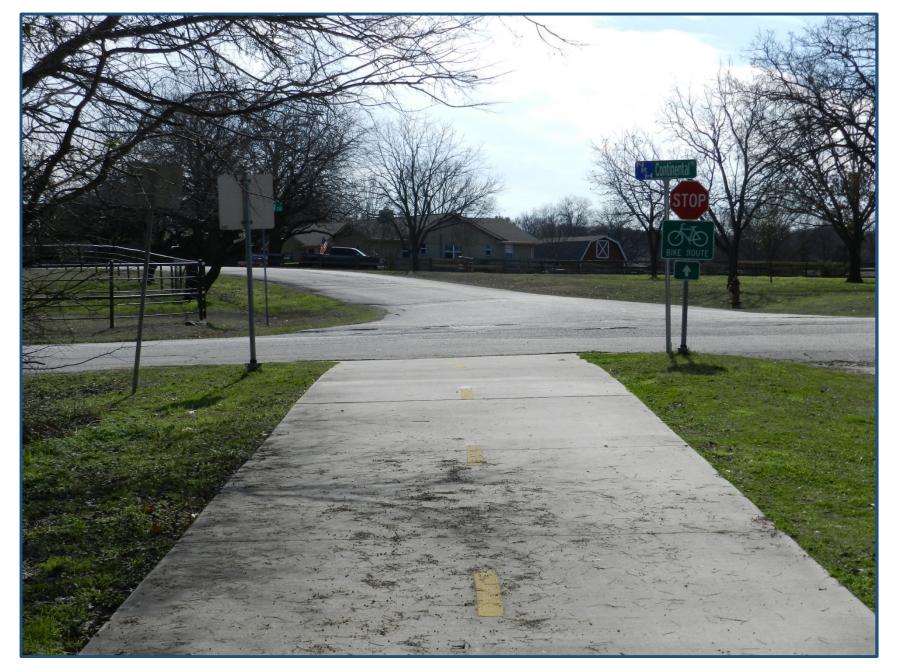
Richfield Park to Cross Timbers Park (Graham Ranch) Bicycle Boulevard



Cross Timbers Park to Bursey Road (Londonderry) Bicycle Boulevard



Londonderry BB, Bursey Rd. and Valley BB High Visibility Intersection



Bursey to Calloway Brach Trail (Valley Drive) Bicycle Boulevard

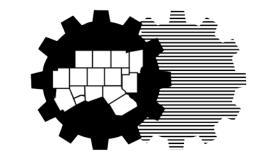
Joe Pack, PLA Senior Park Planner North Richland Hills 817-427-6622 jpack@nrhtx.com



UPCOMING EVENTS AND TRAINING

Bicycle and Pedestrian Advisory Committee

February 19, 2020



North Central Texas Council of Governments

One-Day Designing for Pedestrian Safety 201 Workshop



Register @ nctcog.org/pedsafety



City of Irving 8th Annual Bicycle Fest >IRVING

Register at

www.cityofirving.org/begreen

Saturday, April 18th 10:00AM – 2:00PM



National Conference on Highway Safety Priorities



March 15-17, 2020 Tampa, Florida

lifesaversconference.org



texastrailsandactivetransportation.org





April 25-28, 2020 Houston, Texas

planning.org/conference/



June 10-13, 2020 Twin Cities, Minnesota

www.cnu.org/cnu28



America's largest active transportation and placemaking conference

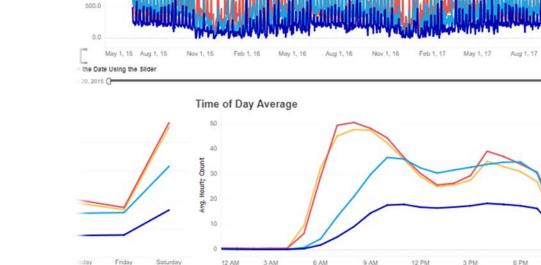




For information and registration: walkbikeplaces.org



Texas Department of Transportation



DFW Bicycle and Pedestrian Count Workshop

April 2, 2020 at NCTCOG Offices • Collecting count data and basic monitoring principles

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- Summarizing/reporting count data and using TxDOT Count Exchange
- Using bike/ped count data to make your case



9 PM

Nov 1, 17

Feb 1, 18

May 1, 18

Count Type

Travel Direct

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LAW ENFORCEMENT TRAINING ON PEDESTRIAN AND BICYCLE LAWS TCOLE Certified

CONTACT:

neal-johnson@tti.tanu.edu

graber@tti.tamu.edu

Know someone who might be interested? Please forward along! Training Workshops tentatively scheduled June 3rd or 4th, 2020

Course includes:

- Detailed look at Texas Transportation Code
- Review of right-of-way laws
- Different bicycle and pedestrian crash scenarios
- Importance of enforcement

Additional Resources:

- Roll-call video
- Educational handout to use during enforcement (coming this spring)
- City-level training including local ordinances not covered by state law (available by request)

For more information please visit: https://groups.tti.tamu.edu/cts/lepedbike/



LAW ENFORCEMENT TRAINING ON PEDESTRIAN AND BICYCLE LAWS

Could also be Hosted by an Area Law Enforcement Agency

<u>CONTACT</u> by **March 15** to coordinate for the week of June 1st:

neal-johnson@tti.tamu.edu graber@tti.tamu.edu



Any events or training opportunities to add?

Any suggestions/topics for future training opportunities that NCTCOG could coordinate?

Contact:

Kevin Kokes, AICPMatt Fallkkokes@nctcog.orgORmfall@nctcog.org(817) 695-9275(817) 695-9207

Plans and Projects Underway

- Keller Parks and Trails Master Plan
- Flower Mound Parks and Trails Master Plan
- Grand Prairie Parks and Trails Master Plan Update
- Dallas County Mobility Plan
- Northlake Comprehensive Plan
- McKinney Parks and Trails Master Plan
- Plano Parks and Recreation Master Plan

- Weatherford Bicycle Master Plan
- Weatherford Thoroughfare Plan
- Rowlett Hike and Bike Trail Plan
- Rowlett Trails and Open Space Master Plan Update
- Lancaster Trails Master Plan Update
- Cedar Hill Trails Master Plan Update
- DeSoto Trails Master Plan Citywide Master Plan
- Wylie Citywide Master Plan
- Carrollton Trails Master Plan (early 2020)

Plans and Projects Underway cont....

Regional Projects

- Regional Trail Connection: Midlothian to Waxahachie Regional Veloweb (Preliminary Eng.)
- Regional Trail Connections to Transit: Lewisville to Irving (Lewisville, Carrollton, Coppell, Dallas County, Denton County, DCTA, DART, and NCTCOG)





Dallas Development Code. SEC. 43-115. ANNUAL FEE FOR USE OF PUBLIC RIGHT-OF-WAY.

(a) Except as provided in Section 43-115.1, the annual fee for a

license to use a public right-of-way for the following uses is:

(3) Fee for landscaping and appurtenant irrigation systems: \$1.000.

AWNINGS & ARCADES

Dallas Development Code. SEC. 43-115. ANNUAL FEE FOR USE OF PUBLIC RIGHT-OF-WAY.

(a) Except as provided in Section 43-115.1, the annual fee for a license to use a public right-of-way for the following uses is:
(4) Fee for awnings and canopies:

\$1,000 per awning or canopy.

STREET CAFÉS

Dallas Development Code. SEC. 43-115. ANNUAL FEE FOR USE OF PUBLIC RIGHT-OF-WAY.

(b) Except as provided in Section 43-115.1, the annual fee for a

license to use a public right-of-way for uses other than those listed in

Subsection (a) is \$1,000 or is calculated in accordance with one of the

following formulas, whichever is greater:

(1) Fee for use of public right-of-way, including but not limited

to sidewalk cafes: area X market value X 85% X 12%.

Dallas Development Code. SEC. 43-133. USE OF SIDEWALK FOR DISPLAY OF MERCHANDISE.

No merchant or owner of a building, fronting on any street, shall be allowed the use of any portion of any sidewalk for the **display of goods, wares or merchandise**. (Code 1941, Art. 143-12; Ord. 3707)

CROWDS

Dallas Development Code. SEC. 43-129. CAUSING CROWD TO CONGREGATE ON SIDEWALK.

No person shall occupy any space on the sidewalk or any space near the sidewalk where the same attracts any crowd or causes any crowd to congregate on the sidewalk or where the patrons or customers must remain on the sidewalk, for the purpose of carrying on any kind of business whether for amusement or profit. (Code 1941, Art. 143-8)

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Akron Better Block

Better Block Concept

Team Better Block plans to narrow the roadway to one lane of traffic in each direction. The extra space freed up from the narrowing will be dedicated to cycle lanes and extended sidewalks. The narrowing of the street will slow traffic speeds and make the area safer for all users. Several techniques will be employed to bring increased safety and vibrancy to Temple Square.

Street Landscaping

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Plazas

Programming

Art

Workshops





Concept Plan













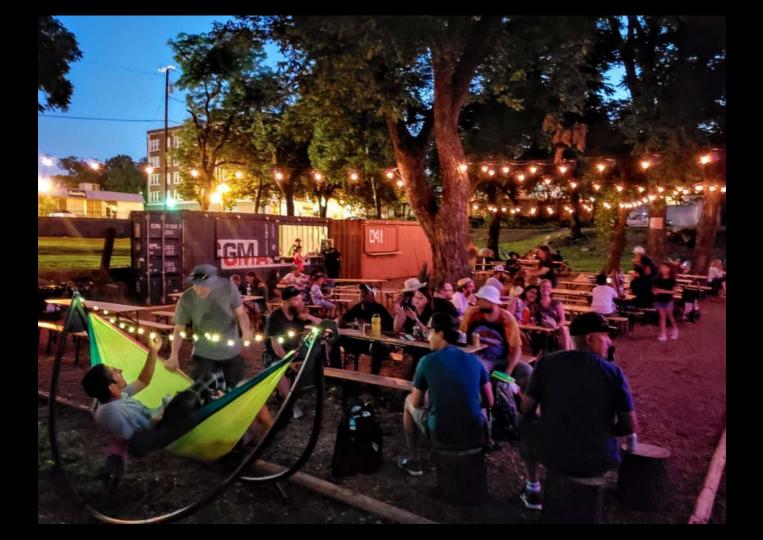












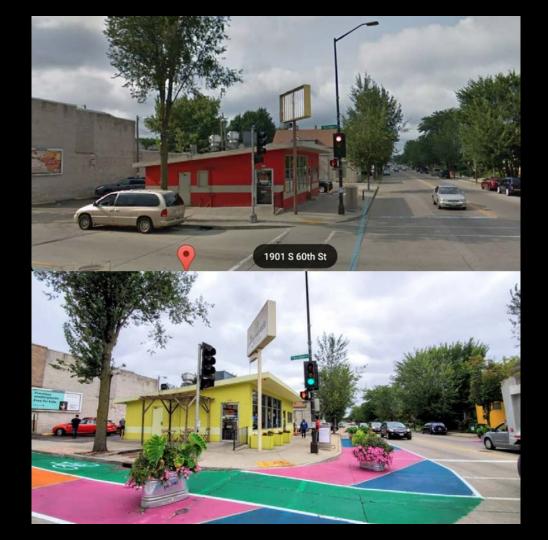












GREEN BIKE LANE



EASUREMENT DESIGN

MEASUREMENT OBSERVATION

Obtain ROW Widths
 Review traffic accident history
 Assess existing bike facilities

- Street mix cross-section - Sketchup model - Traffic control plan

IMPLEMENTATION

- Traffic Control: Rental

Materials per 180'

(3) Tempera Paint: \$10 /unit
(1) White Spray Paint: \$5/can
(4) Tape: \$15 / Roll
(1) Stencil



Tempera Paint Sargent Art 22-7166 1-Pound Art Time Powder Tempera, Green. 1 unit produces 1 gallon. 1 gallon covers approximately 300sf applied through sprayer.



Tape ProTapes Pro Duct 110 PE-Coated Cloth General Purpose Duct Tape, 60 yds Length x 4" Width,White

4 INSTALL

ltem	Number of People	Instructions
CLEAN SURFACE	2 people	Use push brooms, collect & dispose of debris
MEASURE & GUIDE MARKS	3 people	Use marking spray, measuring tape & pull string. Measure dimensions off the existing road center line
PAINT SPRAYER	3 people	Apply spray with a brisk walk, 1 person pushes machine, one person guides path, one person tapers edges w cardboard
APPLY TAPE STRIPPING	At least 2 people	Person 1 holds end on ground, second person walks - 6' in advance ensuring tape is pulled straight. Person 1 walks along tape securing it to the road
BIKE STENCIL	2 people	Person 1 holds stencil in place. Person 2 sprays white paint using hand spayer or spray cans

Total Price for 180' (5' painted bike lane including striping & 2' buffer) : 95\$, labor and traffic control not included













. ASM

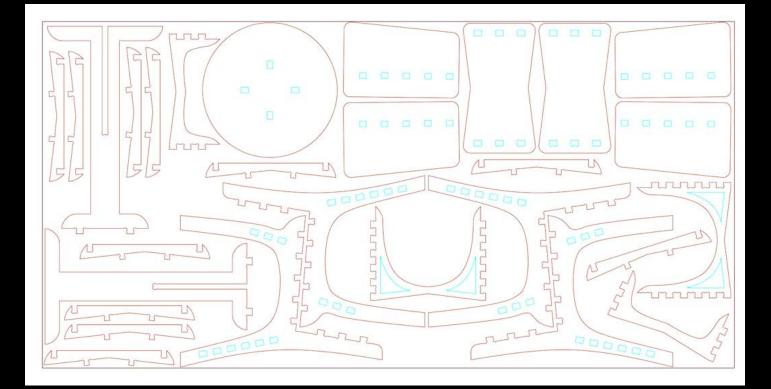
























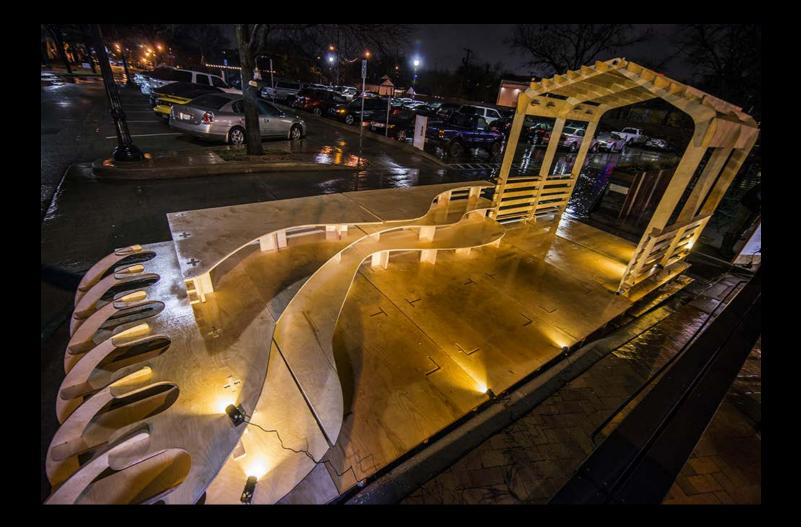


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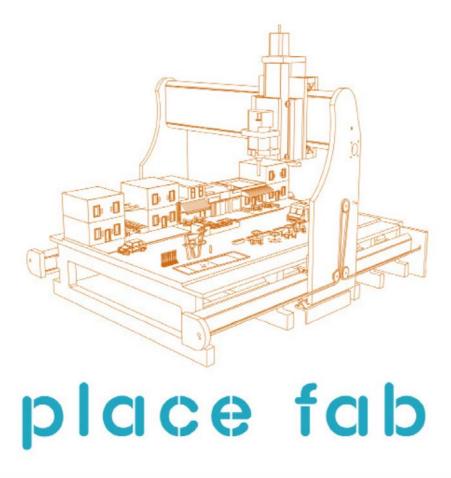


















www.betterblock.org

jason@betterblock.org



Presenters

Doug McDonald, AICP

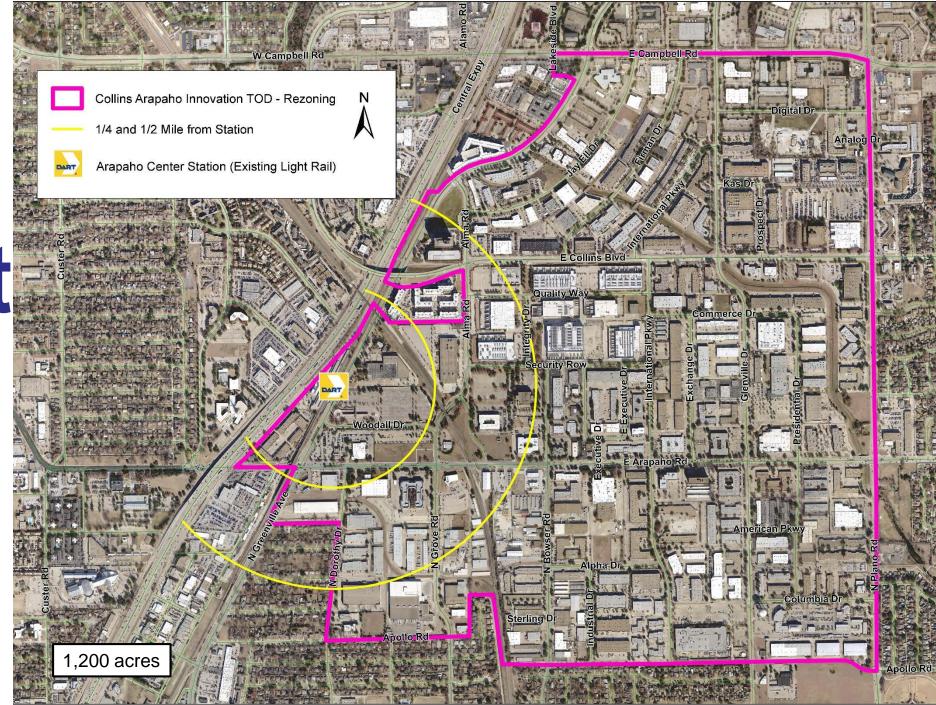
Planning Projects Manager City of Richardson

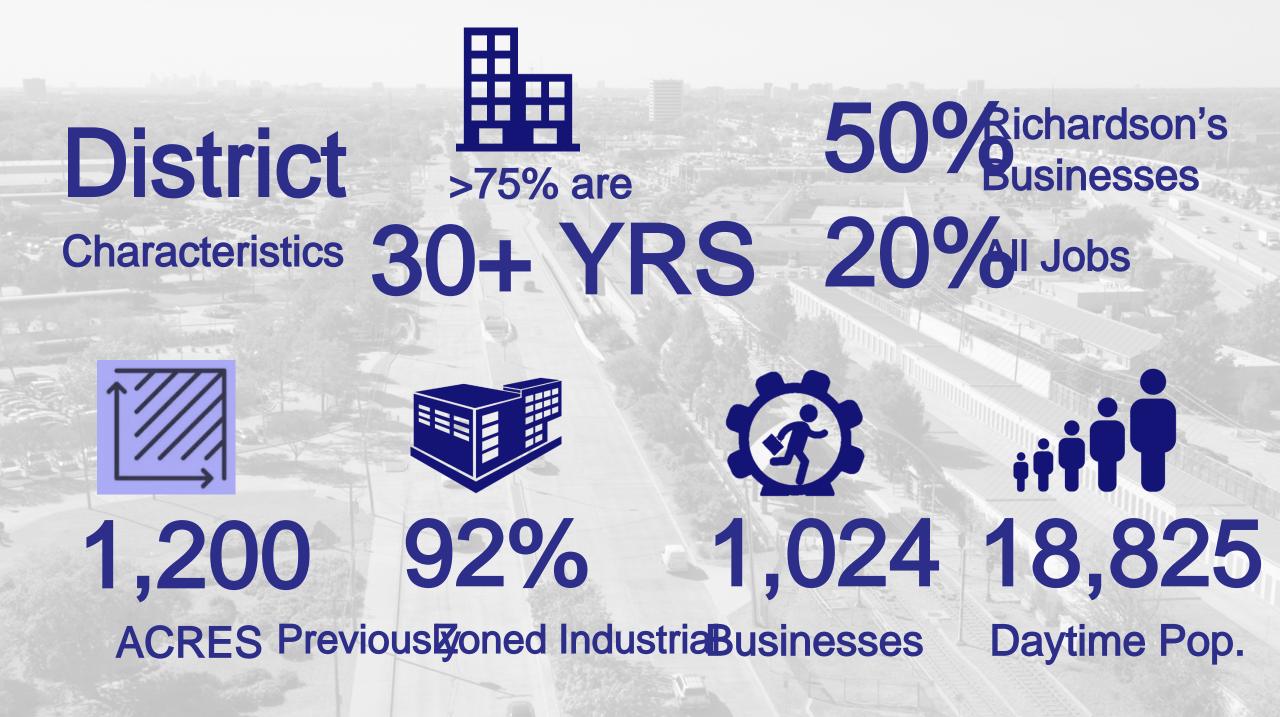
Jessica Shutt, PE

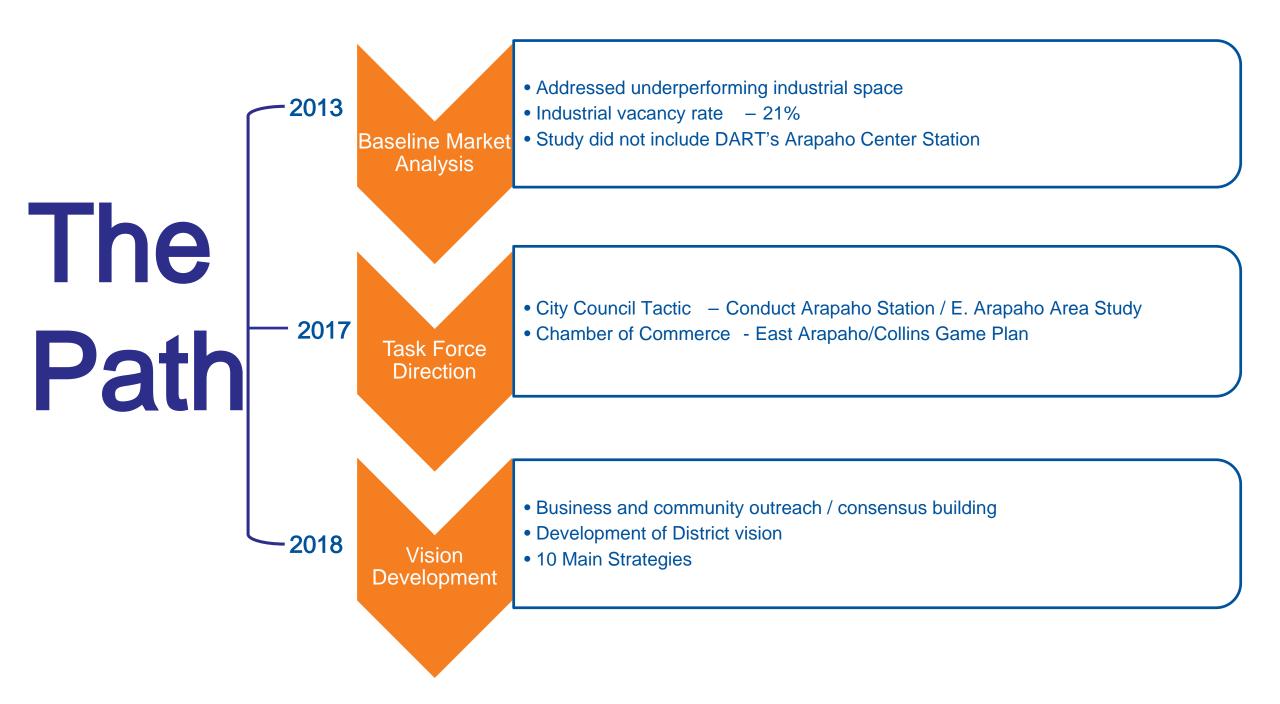
Mobility and Special Projects Manager City of Richardson

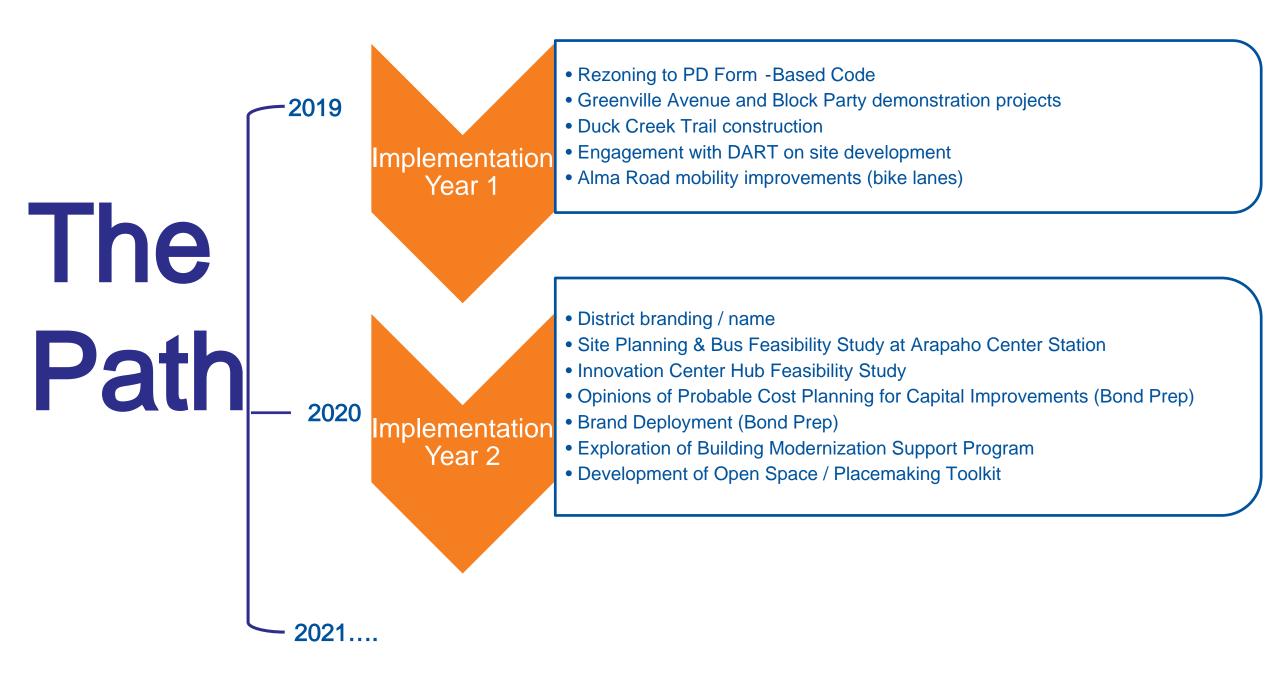


District Map









Public & Stakeholder Input



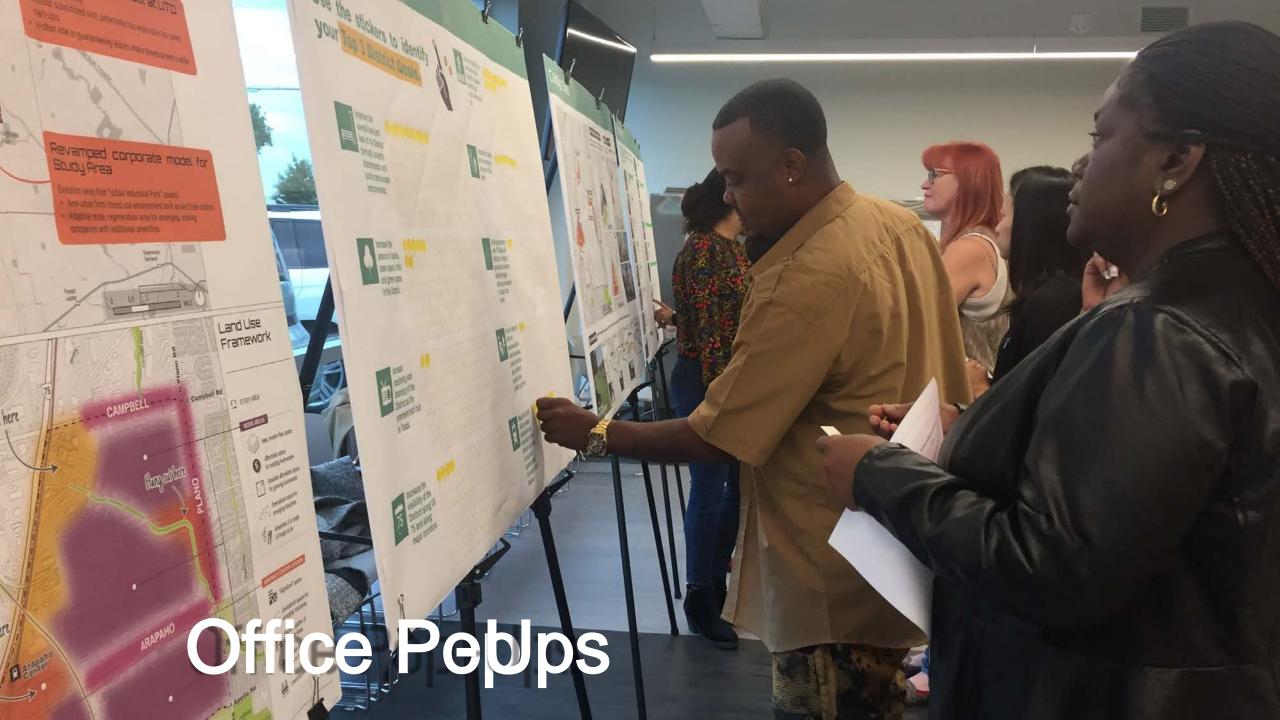




- > Built on the successful Vision Study public outreach from last year
 - > 29 Public Events/Presentations
 - > 588 Participants (interviews, open houses, popups)
 - > 914 Online Surveys Completed
- > Two sets of stakeholder interviews with major property owners (12 sessions)
- > Interviews with Mayor and City Council
- > Presentations to Stakeholder Groups (5 presentations)
- > Innovation District Block Party (373 Participants)
- > Online Survey (383 Surveys Completed)
- > Community Open House (80 Participants)
- > In addition, workshops and briefings for City Plan Commission & City Council

STARTECH is city-owned and an opportunity for early action. What should Share your thoughts here below! The Arapaho Center Station is rise for transit-oriented development, but what is WE SHOULD Also your sticker to want a sa te boxespect as ILTRANSPORM DUCK CREEK NOTO AN AMENTE 14/ Studie sour, freiding Dure, and wind partermanie) CE W FOOD STRVICE WEEL REPORT SELL TO PRINTE OWNER INTERE / BUSINESS DESERTED CATE The BULLS EDPENSE RK W DUCK CREEK AS AN ARDITY E THE POWERLEN MATTINE CELERE

Open House Events



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Online Surveys

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Neighborhood Leadership

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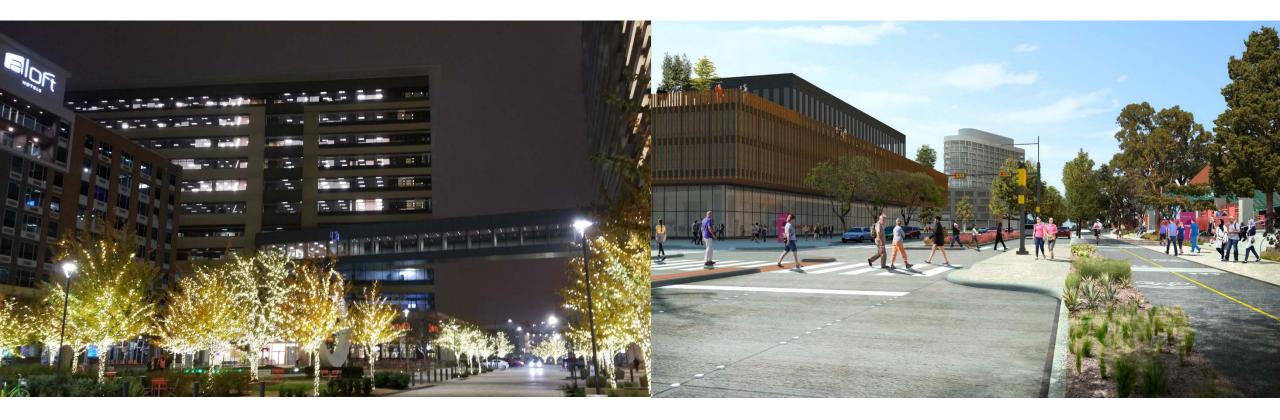
District Vision

The District will be walkable & bikeable.....



District Vision

With the Station area serving as the primary gateway to the District.



Vision Study Overview 10 Main Strategies to Achieve the District Visi

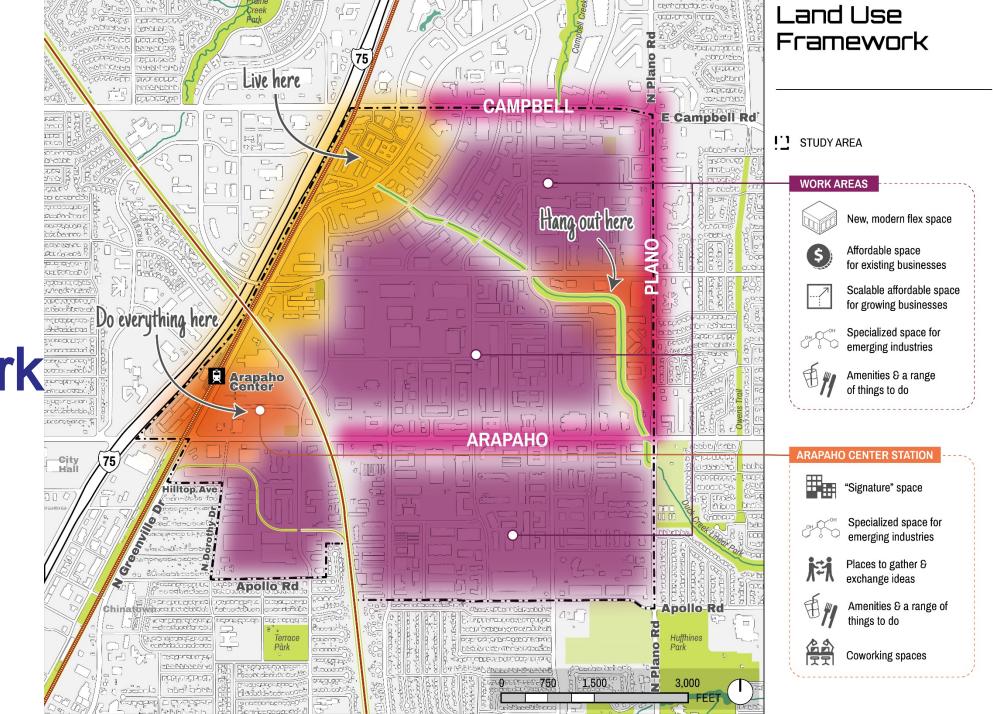
- > Manage the experience and marketing of the District
- > Support building upgrades and modernization throughout the District
- > Allow zoning flexibility in industrial zones
- > Encourage vibrancy through placemaking activities in places with a high concentration of workers
- > Improve the District's edges and gateways
- > Redesign key streets for better mobility
- > Create a shared "innovation space" for new businesses
- > Strengthen partnerships with universities and colleges for programming and marketing
- > Create new open space amenities to attract and retain new and existing businesses
- > Redevelop key opportunity sites to bring new uses and activities to the District

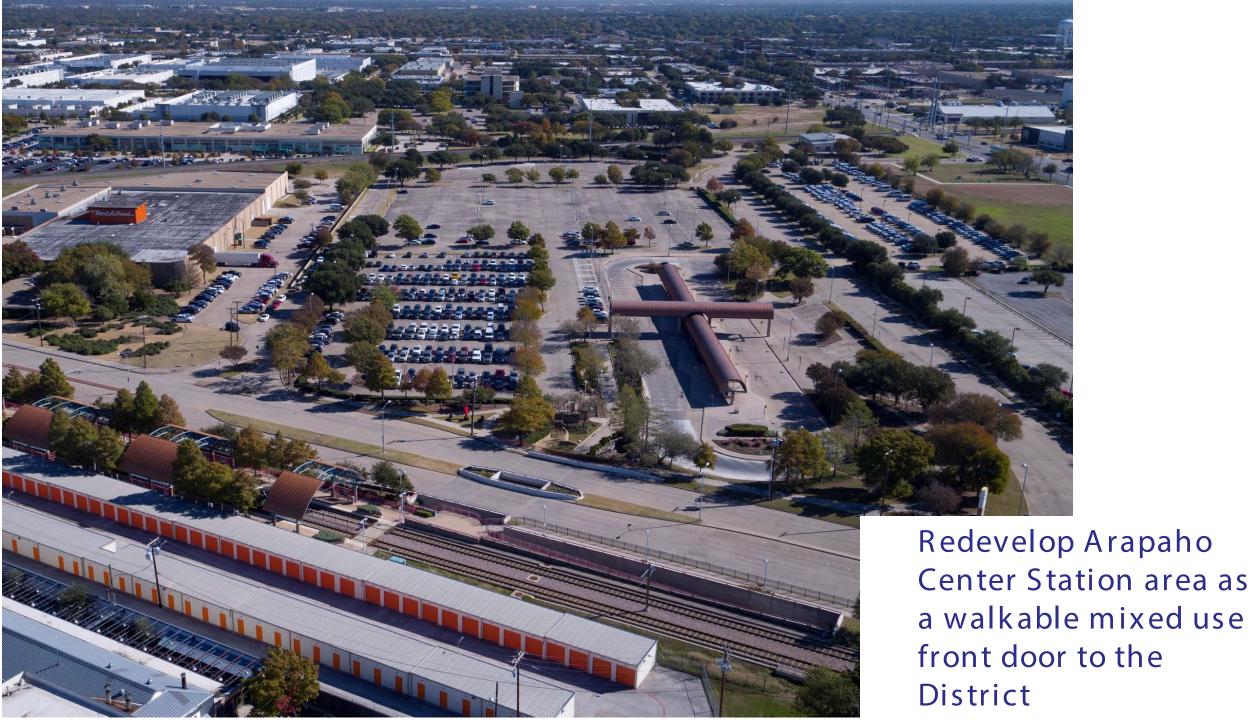
Why Greenville?

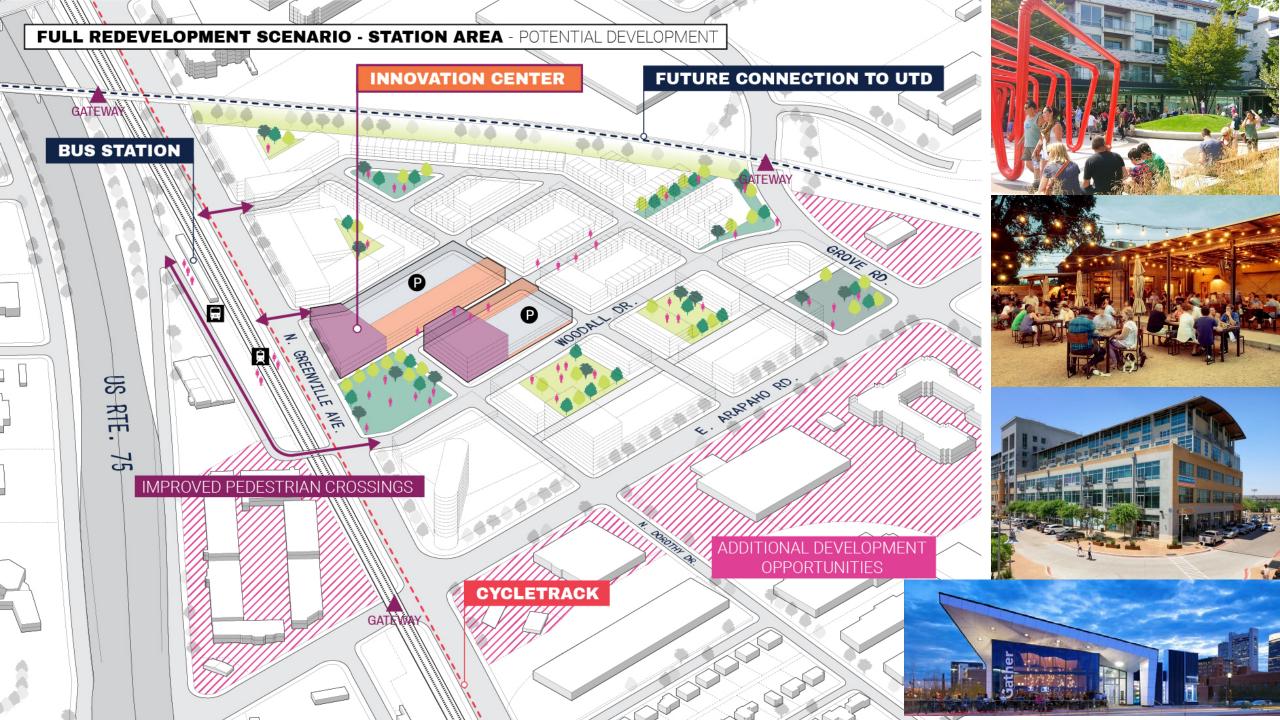
- > Public Commitment to District's Success
- > Catalyst for (Re)Development
 - Urban Villages
 - Arapaho Transit-Oriented Development (TOD)
- > Underutilized Corridor
- > Opportunity for Multimodal Connections

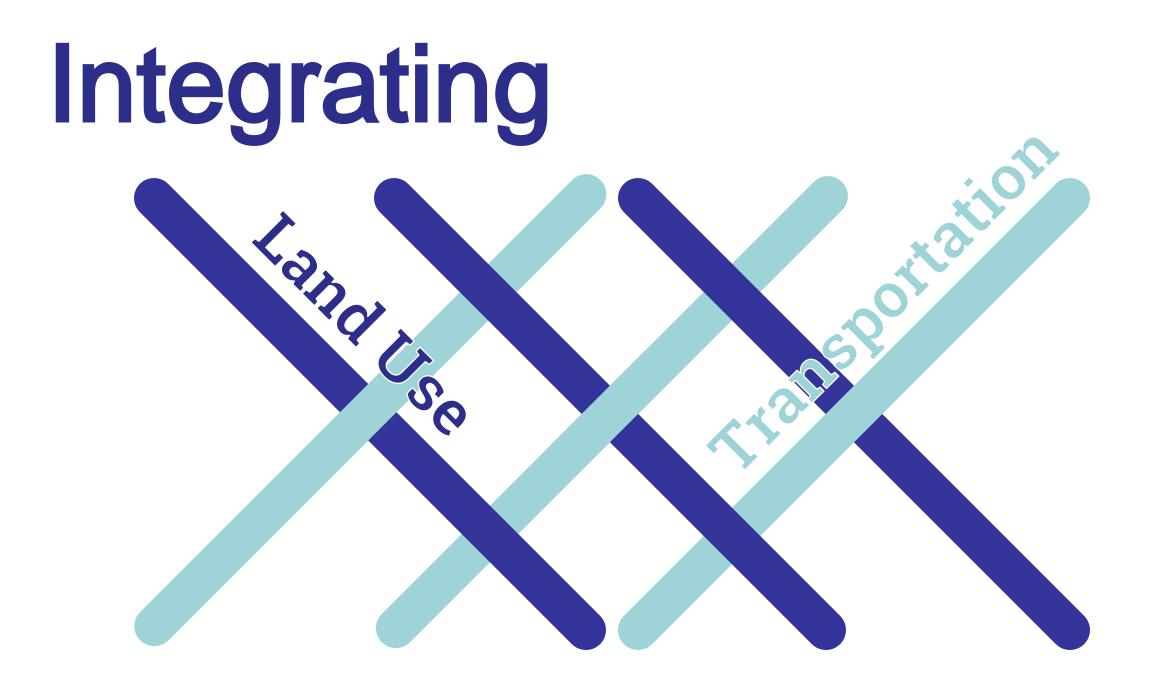


Land Use



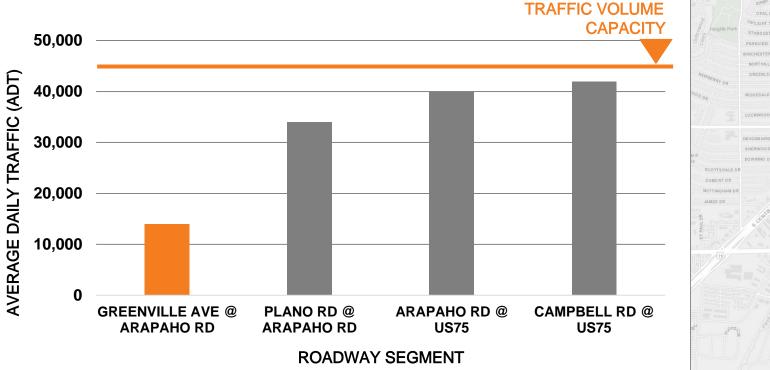


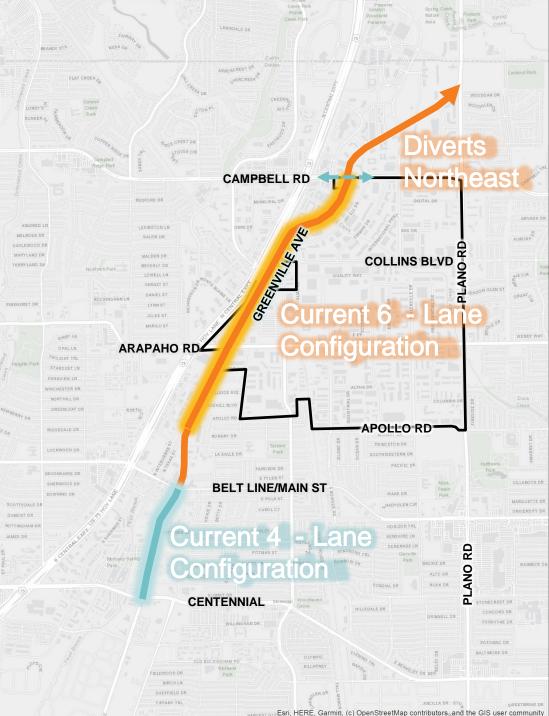




Context

- > 6-lane Divided Arterial; 40 mph
- > 1.8-mile Corridor
- > DART Impact





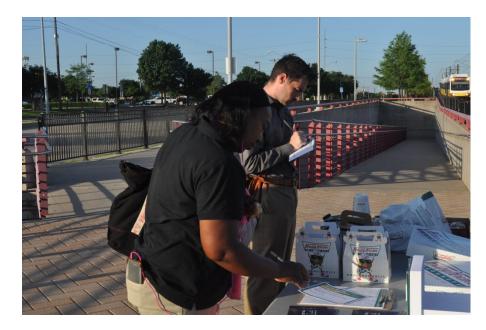
User Experiences

Based on public input

- > Tunnel Issues
 - Safety
 - Heavy rain flooding
 - Physical strain on stairs
 - Route distance for transfers

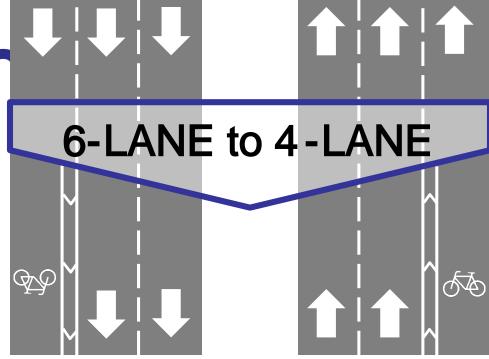
"The worst part of my commute is the path from the transit center, under Greenville Ave, and up the stairs to the train platform. It is a lengthy and cumbersome process. I have missed many trains due to poorly timing this transition." – Faith Adamson





Project Approach

- > Demonstration Project
 - Road Diet with Bike Lanes
 - At-Grade Pedestrian Crossing at Arapaho Station
- > Test New Materials and Best Practices
- > Feedback during Demonstration Phase
 - Road Reveal Community Event
 - Online Survey
- > Brief Council on Approval for Next Steps



Project Funding

> Construction - \$50,000 (COR Funded)

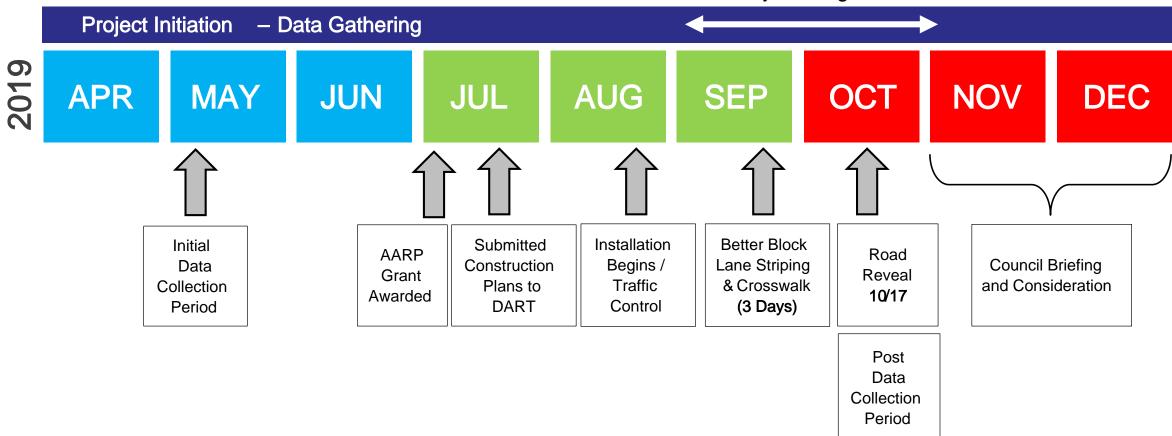
- Barricades, Construction, Irrigation, Delineator Posts, Landscaping, Hardscape
- At-Grade Pedestrian Crossing at Arapaho Station
- > AARP Grant \$15,200
 - Temporary Paint/Planning

> Blue Zones / Degree Made to Move Grant - \$100,000

- Permanent Improvements
- Education

Demonstration Project

~ 60 Day Testing Period



STATION AREA EXISTING VIEW OF GREENVILLE AVENUE LOOKING SOUTH





STATION AREA POTENTIAL STATION AREA DEVELOPMENT AND GREENVILLE AVENUE REDESIGN



Arapaho Station Crossing



Arapaho Station Crossing



Pedestrian Crossin







EDC Guide for Improving **Pedestrian Safety** at Uncontrolled **Crossing Locations**

FHWA Guide

Crossi

> Crossing enhancements based on context (number of lanes, speed, and traffic volume)

Road Diet with Bike Lanes



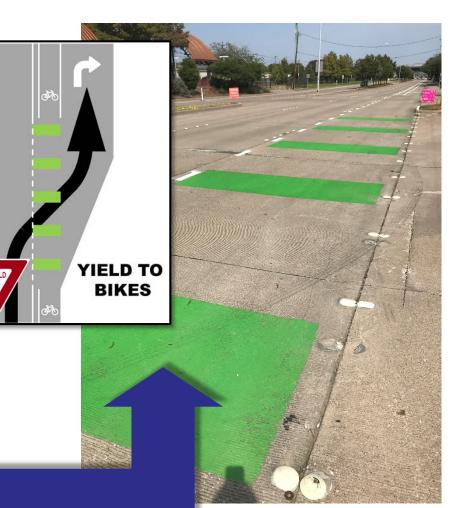
Road Diet with Bike Lanes



Road Diet with Bike Lanes



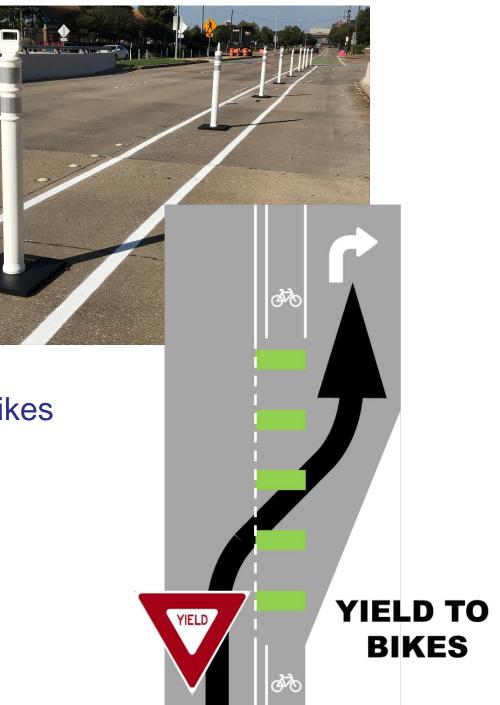
Vertical Separation in Bike Buffer



Green Paint in Conflict Zones

Testing

- > Green Paint
 - Identify conflict areas
 - Increase awareness to bike lane
- > Vertical Separation
 - Increase comfort and safety for people on bikes
 - Delineate roadway space better
 - Reduce undesired motorist behavior



Step 4 Planning

> Gaining Support of CMO

> Bike Lane and Traffic Control Plans Prepared by COR Staff

- 3+ Miles of Bike Lanes (1.75 mile corridor)
- > Crosswalk Mural Design Prepared by Better Block Foundation
- > Recruit Volunteers
- > Crosswalk Construction Plans Prepared by COR Staff
- > DART Approval for Crosswalk Construction Plans
- > Collect Initial Data

Step 2-Barricade Deploymer

> Prepare drivers for lane reduction

> Pre-test of any conflicts





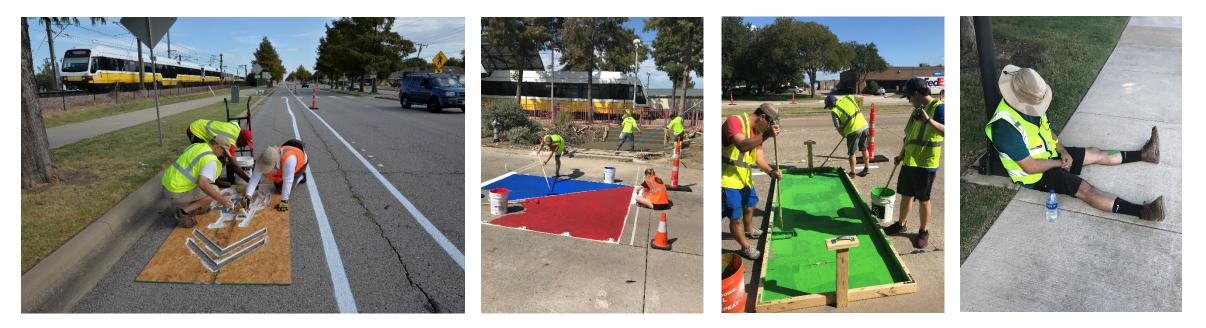


Step 3- Crosswalk Constructi



Step 4-Temporary Paint Installa

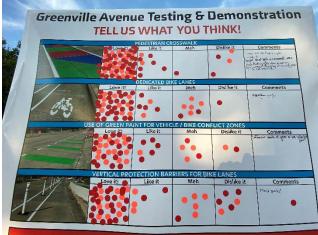
- > COR Staff, Better Block Foundation, and Volunteers
- > Three Days
- > 100 Degree Heat in September



Step 5-Collect Data









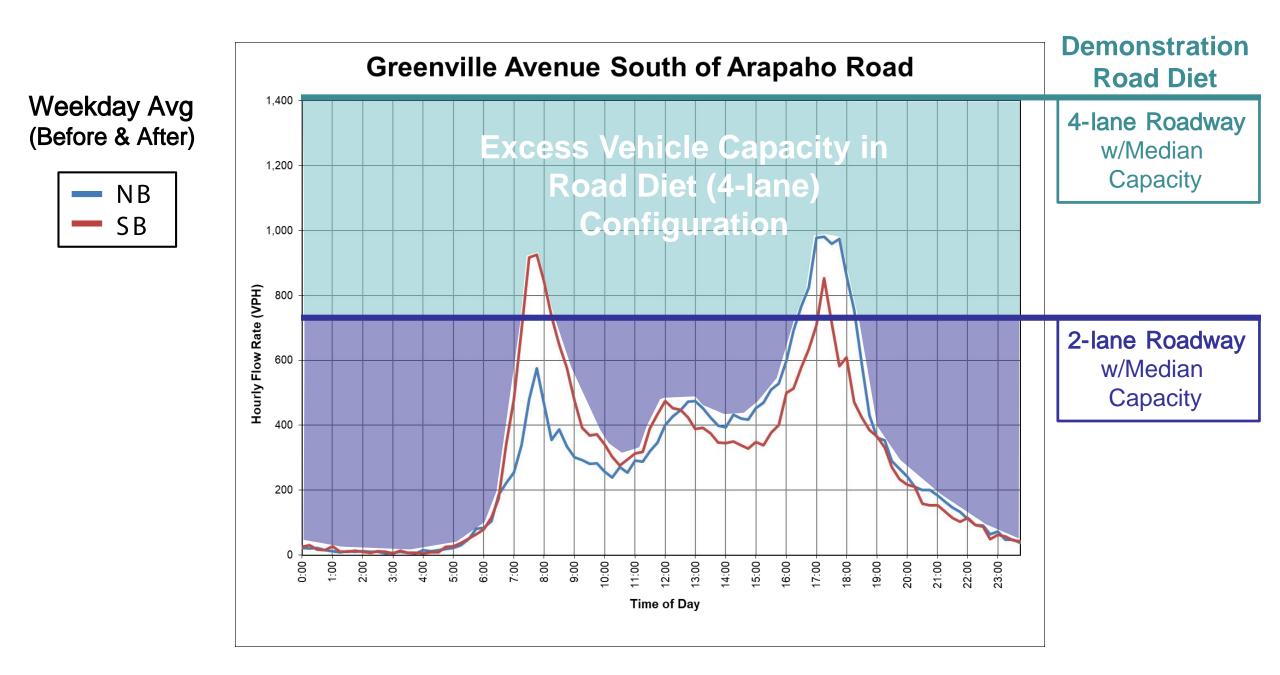


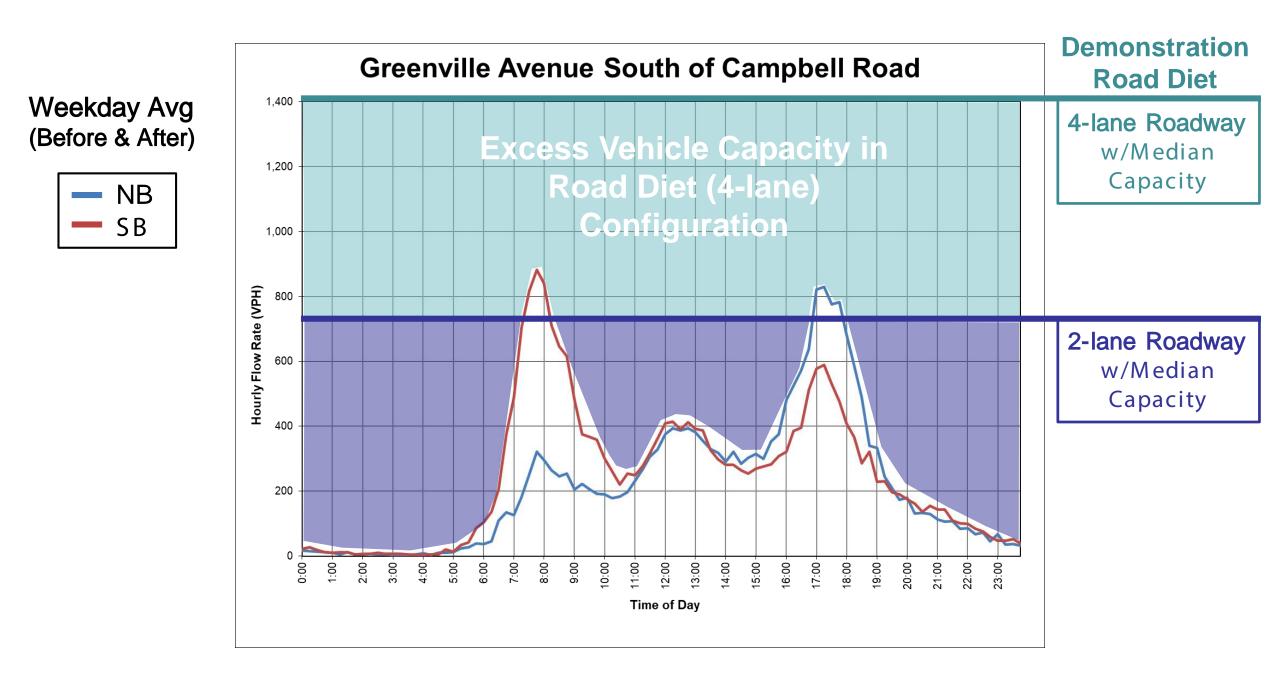
Data Gathering

- > Traffic Volumes
- > Travel Times/Congestion (INRIX)
- > US 75 Incident Management
- > Pedestrian Movements
- > Road Reveal Community Event
- > Online Survey



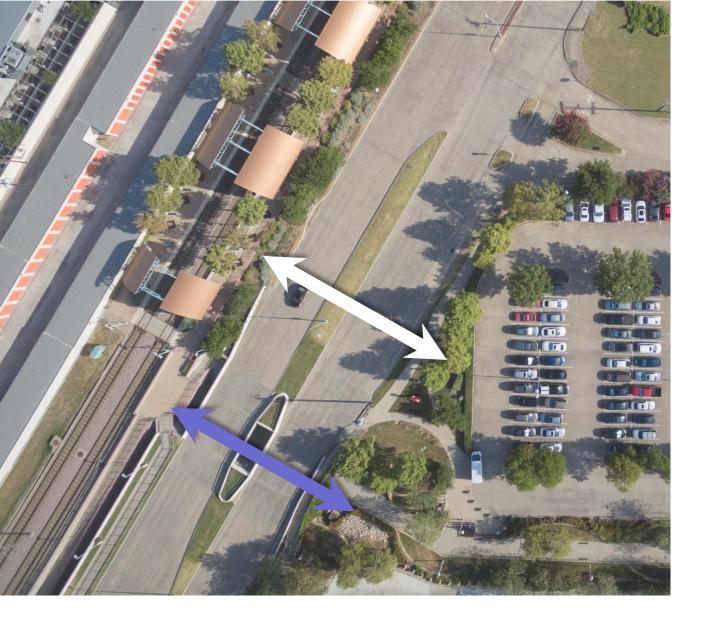






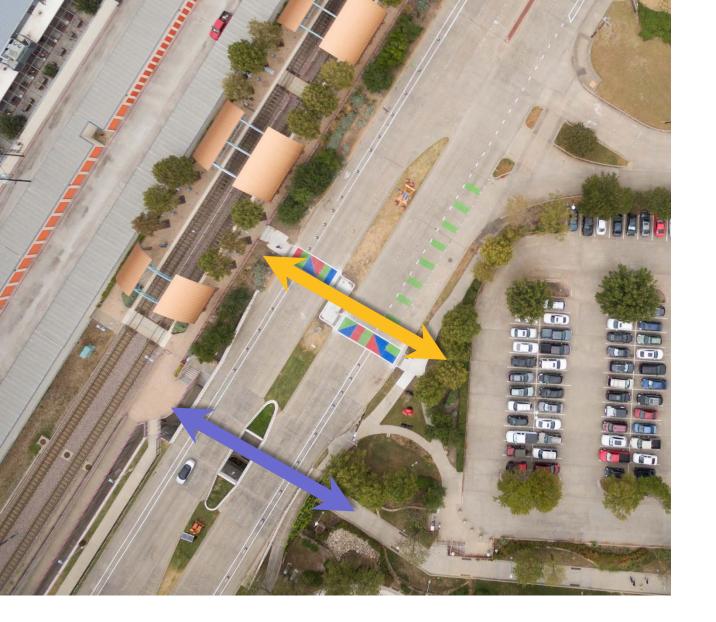
BeforeAfter Evaluation

- > Level of Service (LOS) maintained at LOS A/B
- > Traffic volumes remained consistent utilizing Greenville
 - Less than +/ 5% difference
- > Crowdsource Travel Data (INRIX)
 - Average travel time: +4% or 11.5 seconds
 - Delay: +10% or 11.5 seconds
 - PM northbound traffic most impacted
 - o Signal timing adjustments can improve



Pedestrians

- > Over 450 crossings to/from Arapaho Station in peak periods
- > In 2018, DART approached COR to construct at -grade crossing to address increase in illegal crossings



Pedestrians

> BEFORE Peak Period Avg

- Tunnel: 95% (986)
- Other: 5% (45)

> AFTER Peak Period Avg

- New Crossing: 60% (747)
- Tunnel: 38% (483)
- Other: 2% (24)



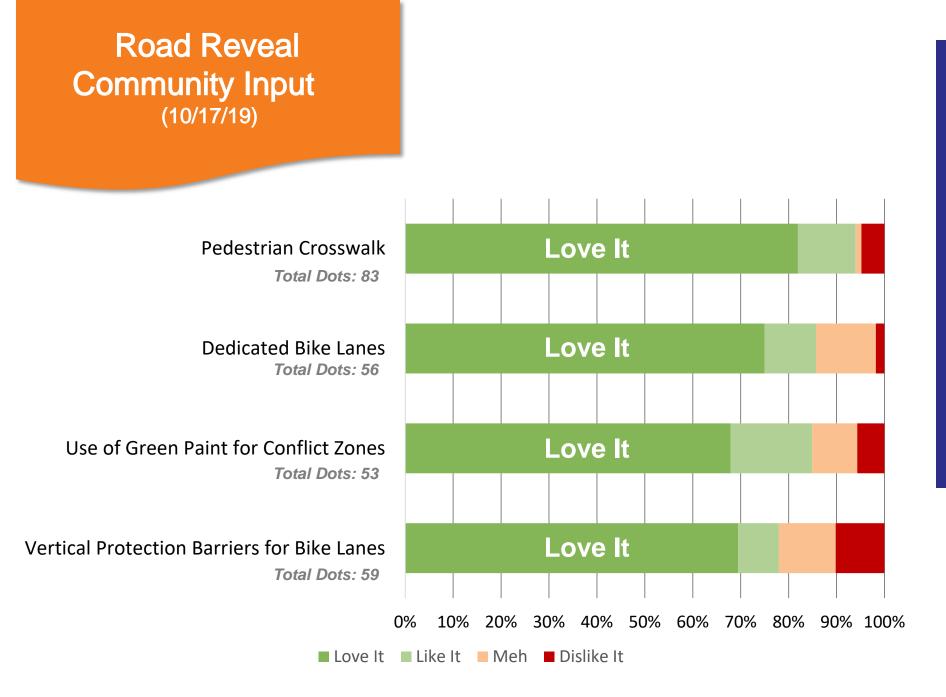


Greenville Avenue Road Reveal Community Event









Comments:

- Motion activated flashing lights
- Bright street lights in crosswalk area
- Better signage in the parking lot directing people to the new crosswalk
- Separation curb [bike lane]
- More poles! *[vertical barriers]*

Bike Audit Recommendation

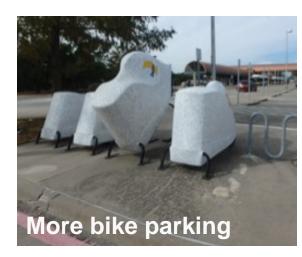


More protection from traffic





Broader perspectives & engagement





Bike & ped way-finding



Greenville Ave Mobility Demonstration Project Survey (as of 11/11/19)

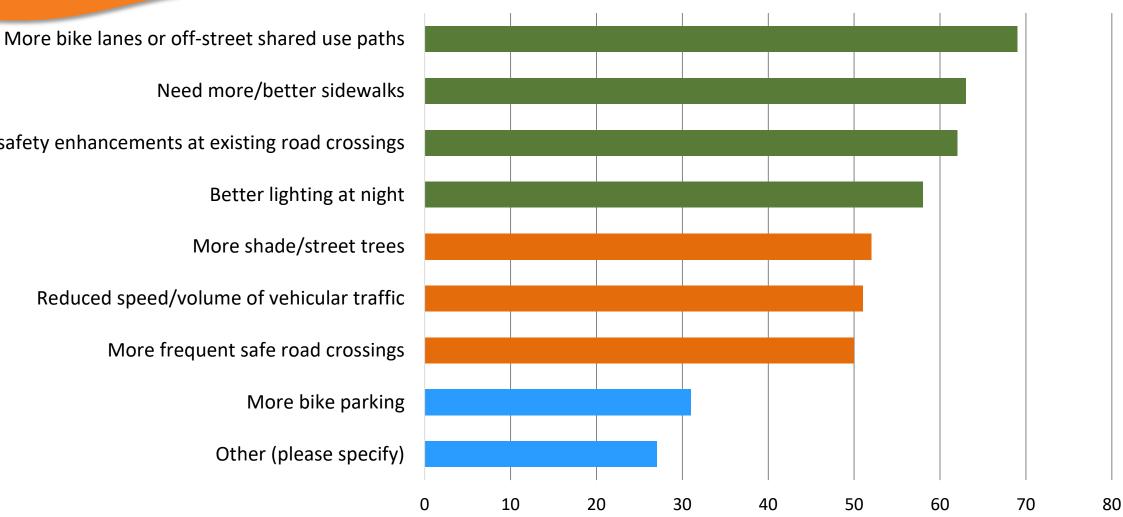
KEY RESULTS

	AGREE	DISAGREE	RESPONDENTS
Greenville should be designed for <u>all</u> <u>modes of</u> <u>transportation</u>	78%	16%	130
DART Station <u>crosswalk</u> should be permanent	73%	15%	128
Temporary <u>bike lanes</u> should be permanent	71%	20%	128

What street improvements might better encourage or enable you to walk or bike more along Greenville Avenue?

Total Respondents: 123

Greenville Ave Mobility Demonstration Project Survey (as of 11/11/19)



More safety enhancements at existing road crossings

Better lighting at night

More shade/street trees

Reduced speed/volume of vehicular traffic

More frequent safe road crossings

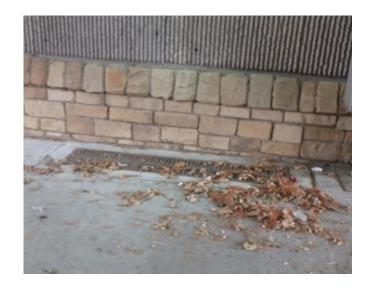
More bike parking

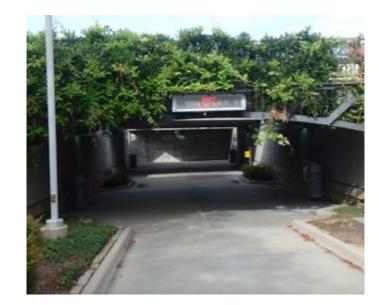
Other (please specify)



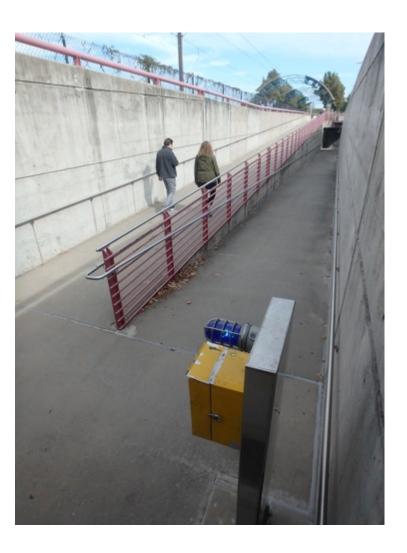


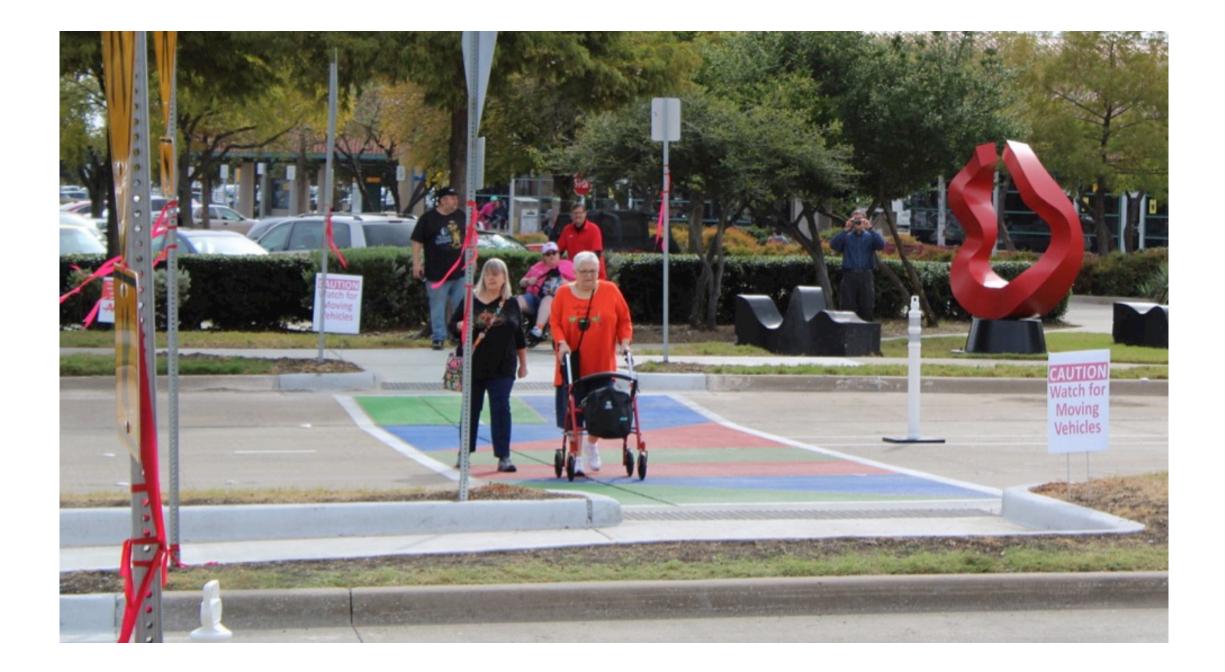












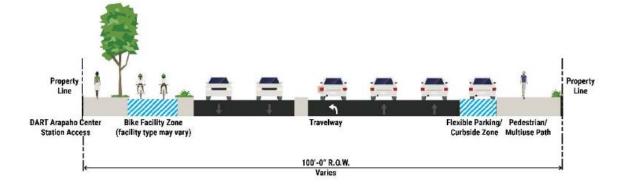
Parkway (Greenville Ave)

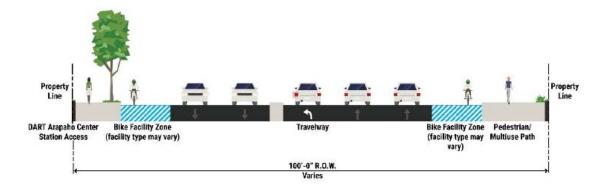
Typical Characteristics • Excess travel lane capacity • Transit-oriented context opportunities

Design Options

Repurpose travelway space for bikeway and pedestrian crossing options

 Greater physical separation for bikeway from adjacent travel volume and speed





Council

Approval

On December 9, 2019, in conjunction with the approval of the new Form -Based Zoning Code, City Council approved new cross sections for Greenville Avenue supporting removal of two vehicle lanes

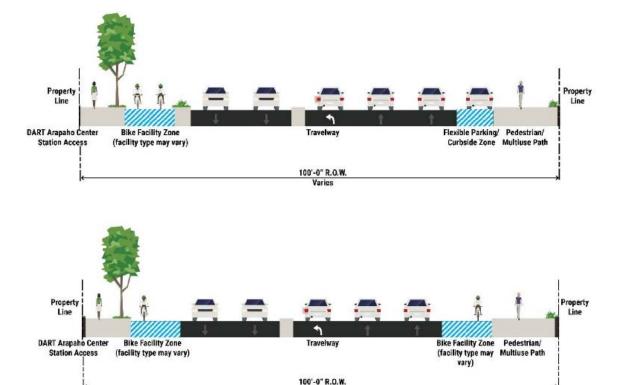
Parkway (Greenville Ave)

Typical Characteristics • Excess travel lane capacity • Transit-oriented context opportunities

Design Options

 Repurpose travelway space for bikeway and pedestrian crossing options

 Greater physical separation for bikeway from adjacent travel volume and speed



Varies

Council Approval

- Permanent installation of bike lanes will be paid for by the Blue Zones/Degree Made to Move Grant
- Planning removal of temporary paint and installation of permanent lanes this spring
- Capital improvement cost estimates in progress for complete redesign/rebuild
- As for the crosswalk...

Unforeseen Obstacles

- > Temporary v. Permanent Crosswalk
 - > Phase 1(z-crossing, stairs, railings, markings, signage)
 - > October, 2019
 - > Phase 2 (RRFBs, ADA ramp, lighting)
 - > November-December, 2019
- > Tornado hits Richardson October 20
 - Request for signage and RRFB delayed
- > Delayed Decision = Daylight Savings November 3
 - Oncor lighting request











Reflective Paint







RREB

> Passive detection _ thermal cameras



Lessons Learned

- > Document before/after data
- > Prep CMO, Police, and Fire
- > (Relatively) low cost, high impact
- >Ask and you will receive (public input)
 - Both positive and negative
- > Meet people where they're at
 - People's stories are important
- > Iterative process, be prepared to make changes
 - Try and anticipate how user will respond

Lessons Learned

- > Everything is "temporary" so new materials can be tested
- > Plan for an extended timeline
 - Daylight savings time impacts
 - How to manage "temporary" for extended term
- > Removal Planning
 - How, When, Cost

WWW.COR.NET/COLLINSARAPAHO WWW.COR.NET/GREENVILLE

CITY OF RICHARDSON, TX NOVEMBER 2019

Doug McDonald, A PLANNING PROJECT MANAGER CITY OF RICHARDSON, TX doug.mcdonald@cor.gov

Jessica Shutt, PE

MOBILITY & SPECIAL PROJECTS MANA CITY OF RICHARDSON, TX jessica.shutt@cor.gov

Transportation Alternatives

2020 Call for Projects for the North Central Texas Region

Bicycle and Pedestrian Advisory Committee February 19, 2020 Daniel Snyder



Funding Overview

Funding Allocation for FY21*, FY22, and FY23 (*conditional* upon receipt of federal funding)

Western Subregion	Eastern Subregion	Total
Fort Worth District (34%)	Dallas and Paris Districts (66%)	Funding Available
\$8,102,880	\$11,761,919	\$19,864,799

* \$3,967,201 of FY21 Eastern Subregion funds already awarded by RTC on 6/13/19 and reduced proportionally in FY21 funds.

<i>Maximum</i>	<i>Minimum</i>	
Federal Funding Award	Federal Funding Award	
per Project	per Project	
\$5,000,000	\$300,000	



Funding Overview

- Construction-implementation focus. Engineering/design and environmental will be <u>100 percent locally funded</u>.
- Minimum 20 percent local match is required for construction.
- Local match must be cash or TDCs no in-kind contributions.
- Agencies are eligible to request TDCs in lieu of a local match if qualified through the MTP Policy Bundle process.
- A resolution by the project sponsor's governing body confirming the availability of the local match contribution is required with each application.



Application Requirements

- Funding Resolution by Project Sponsor Governing Body: Confirm the availability of the local match contribution.
- Environmental Checklist
- **Right-of-Way/Easement:** Property must be under public ownership. If easement cannot be obtained by deadline, a consent letter from property owner is required.
- Project Schedule Worksheet
- Project Budget Worksheet

- GIS Files of Project Elements
- Letter of Support from School District Superintendent (SRTS Projects Only)
- Railroad Right of Entry Letter/Agreement (if project is in railroad right-of-way)
- TxDOT District Engineer Letter of Consent (if project is in TxDOT rightof-way)
- Documentation of Support from Supporting Entity (if project crosses jurisdictions)



Schedule

Milestone	Date
Bicycle and Pedestrian Advisory Committee (BPAC) – Info on CFP	November 20, 2019
Call for Projects Public Workshop	January 21, 2020
Surface Transportation Technical Committee (STTC) - Info on CFP	January 24, 2020
Regional Transportation Council (RTC) – Action on CFP	February 27, 2020
Call for Projects Opens	March 2, 2020
Deadline for Meetings to Review Applications for Completeness	April 10, 2020
Call for Projects Closes	May 15, 2020, 5 PM
Review of Projects / Scoring by NCTCOG	May-July 2020
Public Meetings	August 2020
STTC – Action on Selected Projects	August 28, 2020
RTC – Action on Selected Projects	September 10, 2020
Individual Meetings with TxDOT District Staff	September - October 2020
Submittal Deadline for TIP Modifications	October 23, 2020
Approval of Statewide Transportation Improvement Program (STIP)	March / April 2021



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Senior Program Manager <u>kweaver@nctcog.org</u> (817) 608-2376



MTP POLICY BUNDLE

ROUND 4

Kevin Kokes Bicycle and Pedestrian Advisory Committee





Schedule

DATE	DESCRIPTION
January 9	RTC Presentation – Information
January 24	STTC Presentation – Information TIP Mods due for May 2020 Revision
February 3	Round 4 Opens
March 20	Early Submittal Deadline
April 27	Final Deadline
June 26	STTC – Action
July 9	RTC – Action
July 2020	Formal Notice of Awards
July 31	TIP Mods Due for November 2020 Revision

How do I use TDCs awarded through the program?

(9

TDCs awarded in FY2020 may be used in FY2021 and FY2022

Contact the TIP team <u>now</u> to utilize TDCs previously awarded in FY2019

TDCs must be programmed in the TIP or allocated to projects through a Call for Projects of funding initiative prior to the end of the fiscal year, or they will be returned to the regional pool of TDCs.

If you have candidate projects that you would like to have considered for funding, please contact a member of the TIP team.



If you have previously been awarded TDCs through the Policy Bundle, you must reapply and resubmit your application to be eligible to receive new TDCs.



Contact Us



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Application Coordination

Brian Dell

Senior Transportation Planner bdell@nctcog.org (817) 704-5694

TDC and TIP Coordination

Statewide TxDOT Bicycle Advisory Committee Update



Kevin Kokes, AICP

ADA Transition Plans Safe Routes to School **Connections of Trails & Trail Plans Between Cities E-Bike Legislation Complete Streets and Road Diet Standards** Design Standards of Sidewalks, Trails, & On-Street Facilities Local Community Updates **Bikeway Selection Guide** Walk to School Day **Bicycle Boulevards** Rectangular Rapid Flashing Beacons (RRFBs)



TOPICS WE COVERED IN 2019

TOPICS from 2019

BPAC topics throughout the year

Safety Education and Safer Design Citizen Encouragement to Walk and Bike More Dockless Bikeshare Policy Examples Sidewalk Designs For All Ages & Abilities Suburban Complete Streets Transit Design Standards for Pedestrian & Cyclist Connections Rural Constructability of Bicycle & Pedestrian Facilities Minority Community Engagement Examples



TOPICS from 2019

BPAC topics throughout the year

Public Private Partnerships Inter-Agency Communication Multi Modal Planning Sidewalks

<u>\$\$\$\$\$\$\$\$</u>\$

MORE SPECIFIC?

TOPICS from 2019

BPAC topics throughout the year