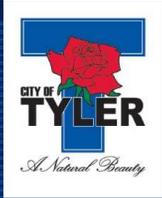


# Tyler Bike Stripes Project Public Hearing

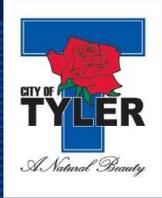
May 11, 2020

The Public Hearing Will Begin Shortly



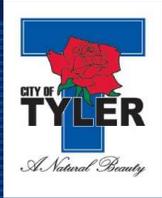
# Welcome and Introductions

- Cameron L. Williams, PE, PTOE, PTP, City of Tyler
- Dr. Mena Souliman, PhD, PE, University of Texas at Tyler



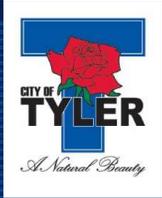
# Overview

- Project details
- Public involvement activities
- Project schedule and construction costs
- Recess
- Public comments
- Closing Remarks



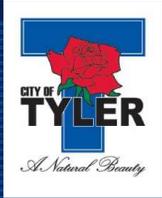
# Purpose of Public Hearing

- Inform citizens of the status of the project
- Describe the proposed improvements
- Provide citizens an opportunity to comment
- Develop a record of public views



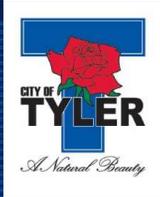
# Project Details

- Project development timeline
- Bike path selection criteria
- Bike share and bike lane differences
- Buffer zones
- Street parking
- Historical preservation

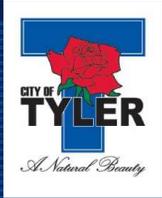


# Project Details

- Design updates
- Overall map
- 11 spokes and a hub

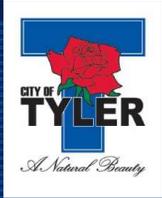


# Project Development Timeline



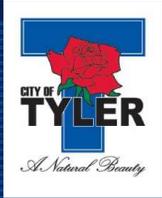
# 2015

- Billy Hibbs and Jeff Austin III led Bicycle Advisory Committee
  - Contacted UT Tyler Transportation Research Group led by Dr. Souliman
  - Dr. Souliman's group started project development in late 2015



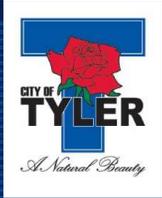
# Financial Support

- UT Tyler
  - \$5,000 in May 2015 and \$5,000 in June 2017
- East Texas Communities Foundation
  - Retail Merchants Association of Tyler Charitable Fund
  - \$20,000 in July 2016 and \$20,634 in November 2017

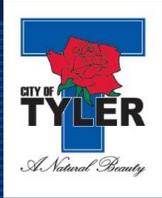


# Financial Support

- Greater Texas Association of Realtors; \$1,000 in July 2016
- City of Tyler; \$3,000 in October 2016
- TEXO Construction Association; \$2,500 in February 2017
- City of Tyler and UT Tyler applied for SET ASIDE Grant approved in May 2017 and approved in July 2017

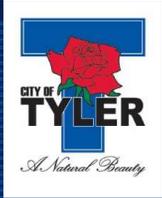


**How the paths were selected**



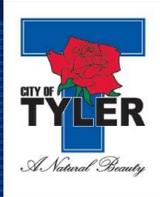
# Road Configuration Factors

- Number of vehicle lanes per direction (Lane multiplier)
- Presence of turning and passing lanes (Additional width)
- Average lane width (Width multiplier)
- Presence of street parking; requires wider bike lanes for safety of bicyclists

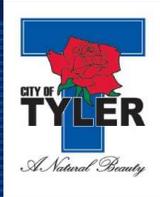


# Safety Factors

- Traffic volume (safety)
- Street maximum grade (user comfort)
- Street lighting (safety during night usage)
- Distance difference (shorter is better)
- Presence of bicycle lanes (familiarity of bike lanes)
- Maximum velocity (lower speeds safer for cyclists)

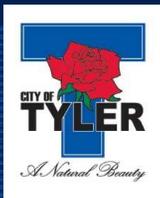


## Bike lane vs. Bike share



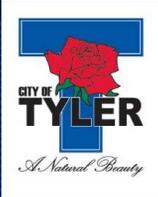
## Bike lanes

- Separate lane on pavement
- Intended for cyclist use only
- Five feet of width is needed
- Occasionally used in conjunction with a buffer zone

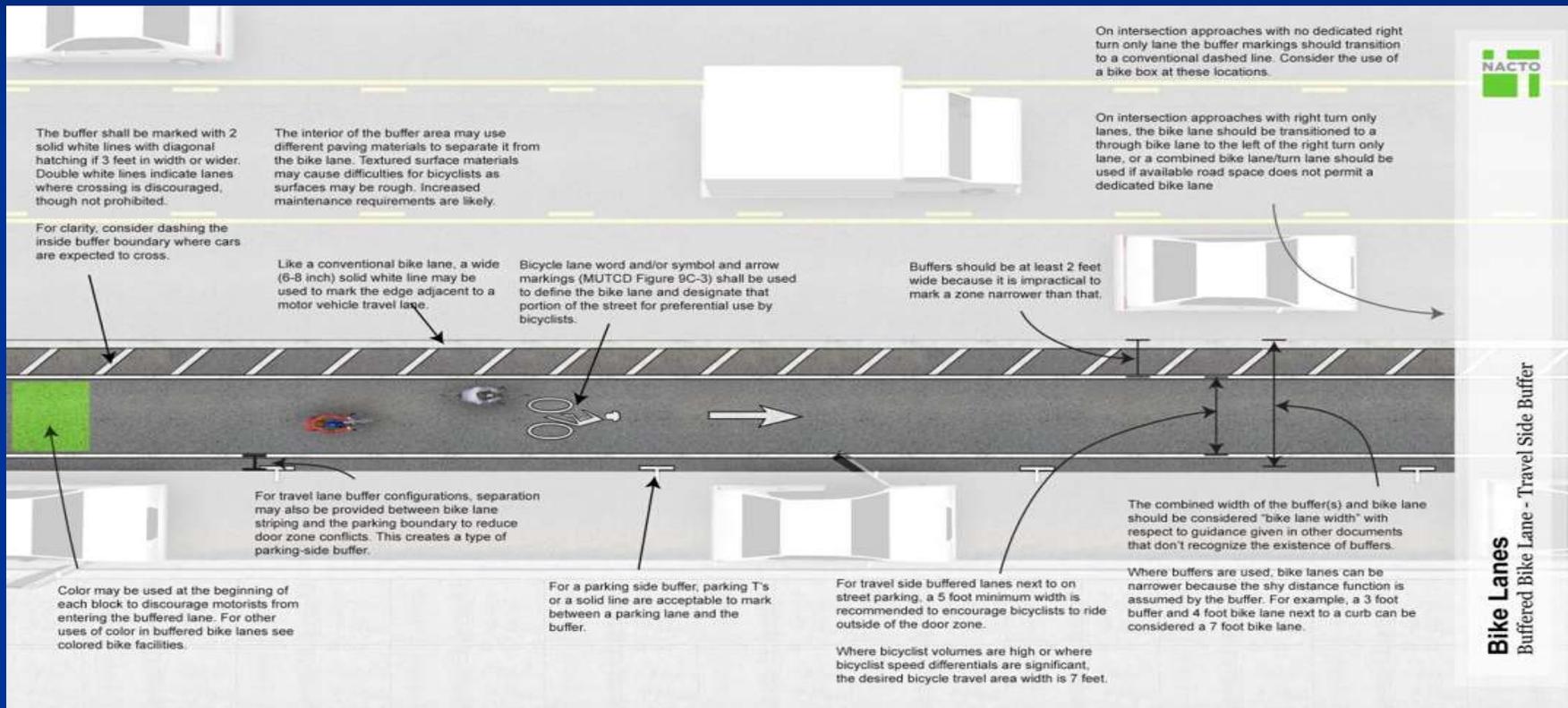


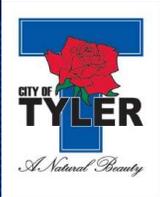
## Bike share

- Bicyclists share the road with motorists
- Used when there is insufficient width for a bike lane
- Preserves network connectivity
- Alerts motorist to lateral positioning of bicyclists and encourages safe passing practices



# Buffer zones





# Recommended for



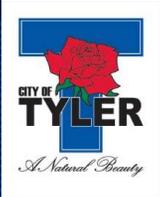
High Vehicular Traffic Volume



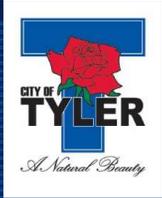
Wide Travel Lane Width



High Posted Speed Limit

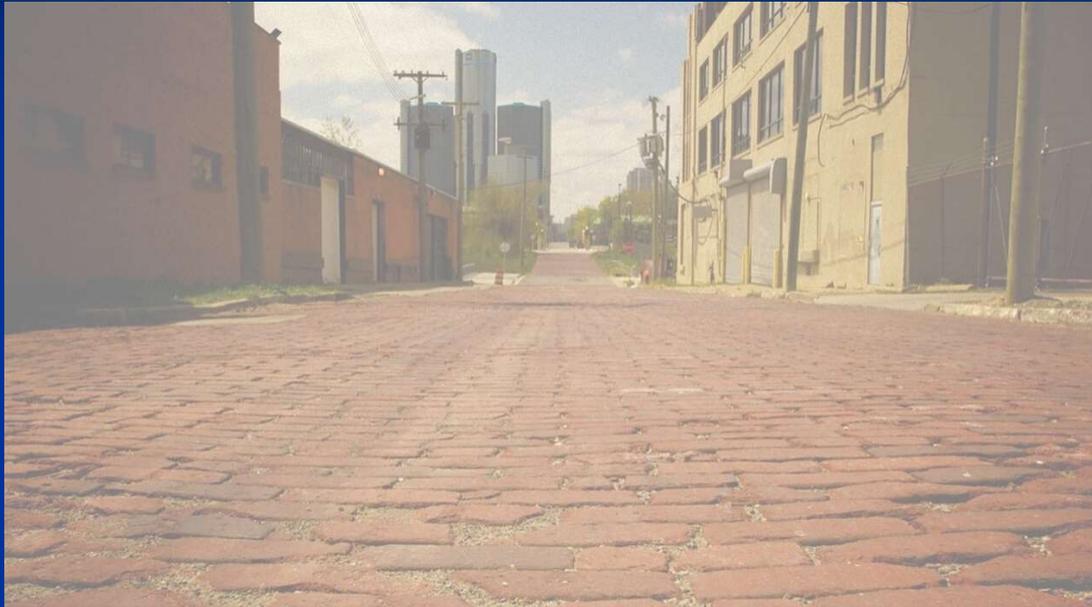
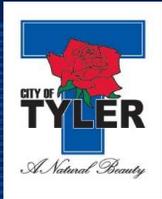


## Loss of Parking?

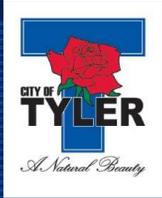


## No loss of parking

- Bike path network and on-street parking will coexist
- No parking will be removed



# Historic Preservation

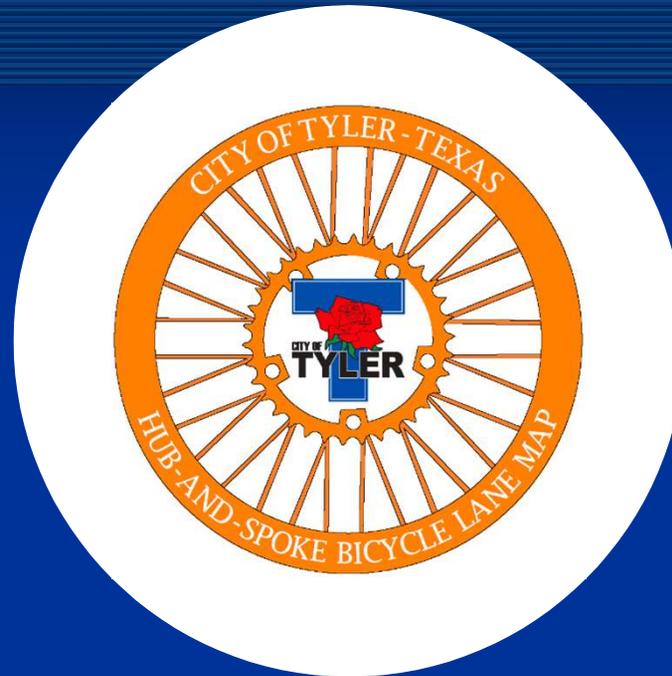
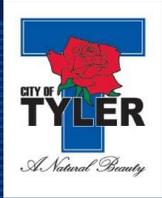


## Historic preservation is priority

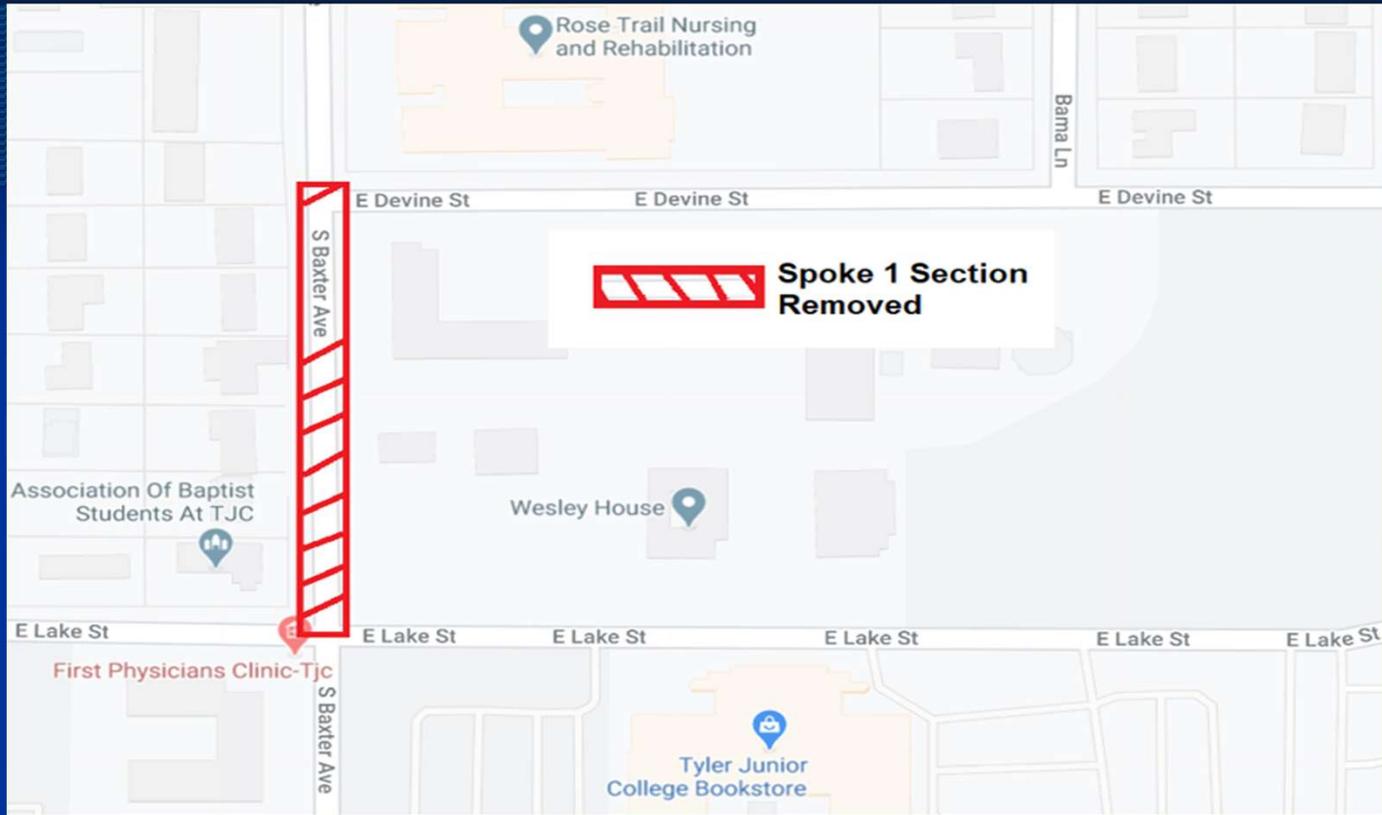
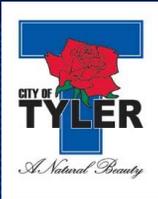
- Bike route only designed on brick streets
- No negative impact to brick street aesthetics





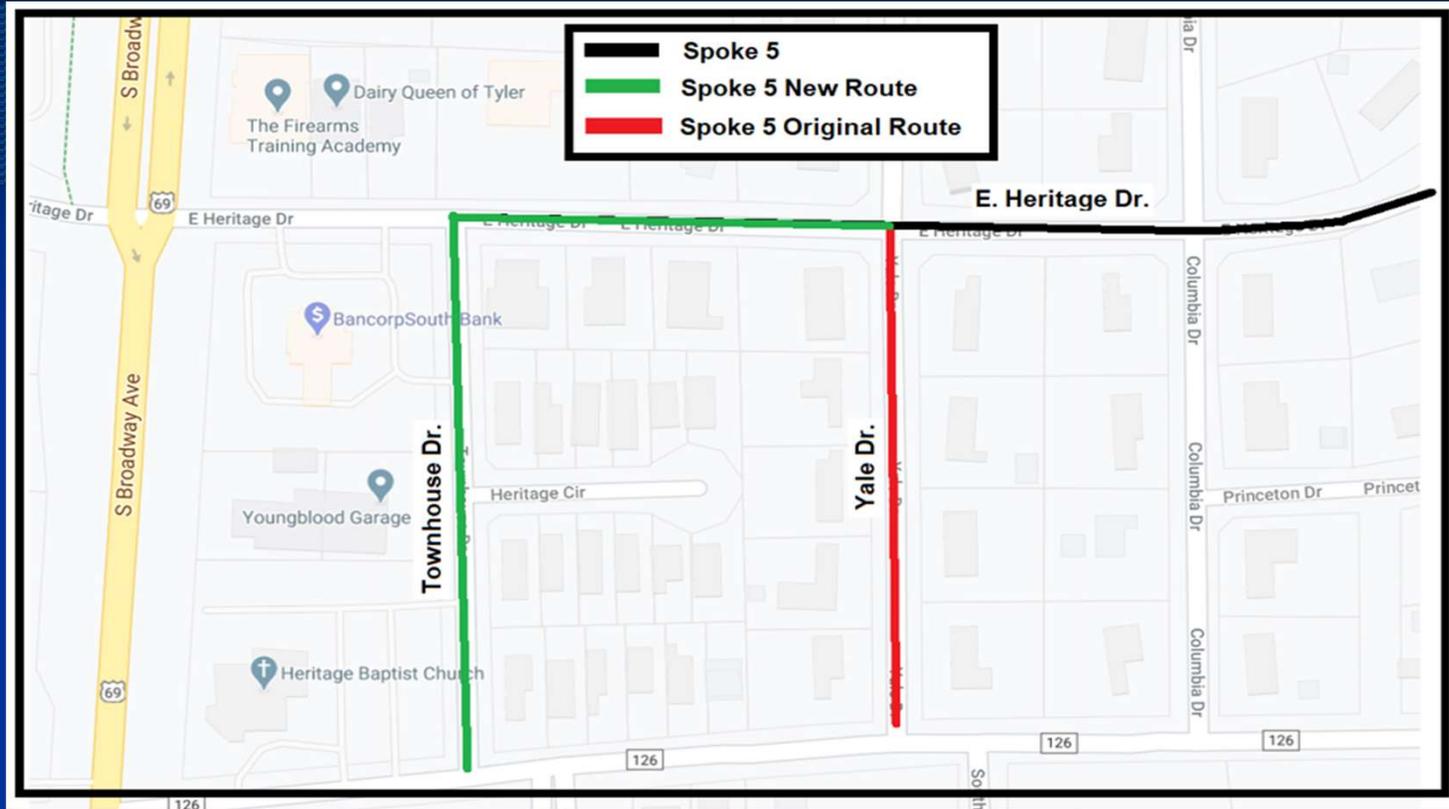
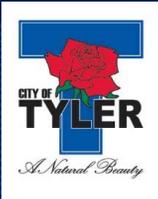


# Design Updates

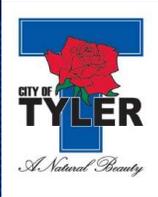


**Spoke 1 partial section removed**



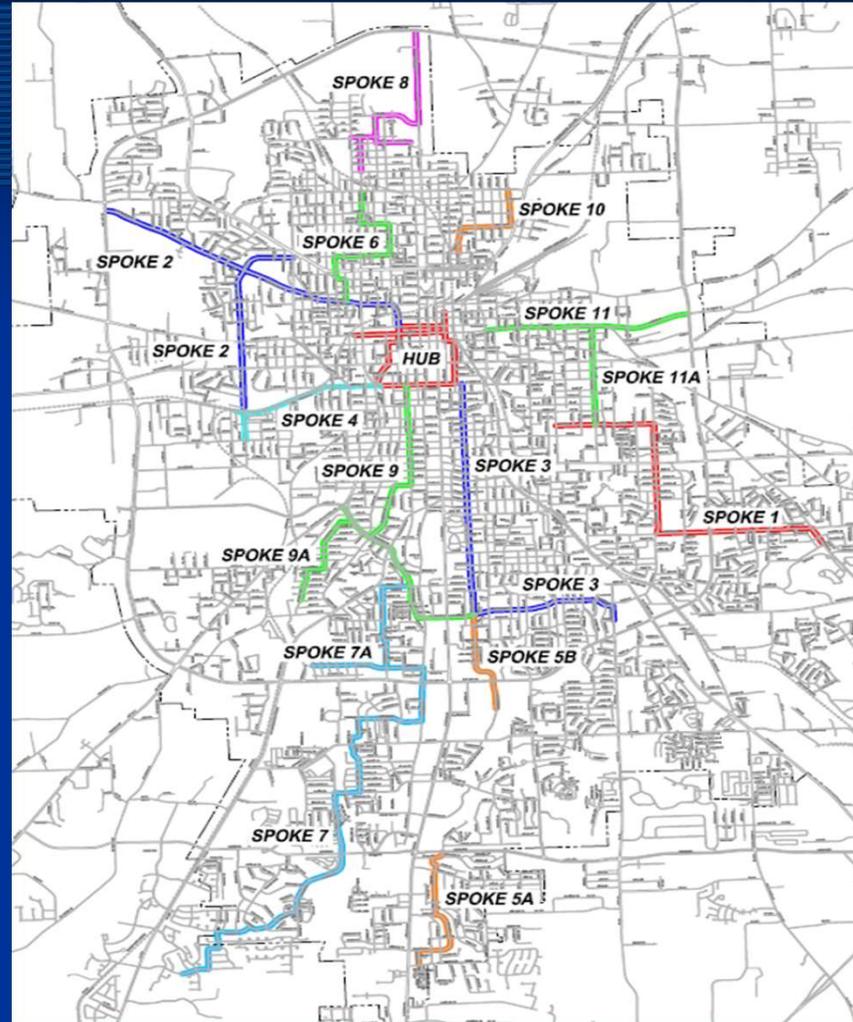


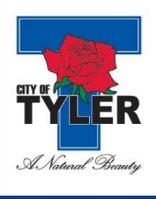
**Spoke 5; red portion removed**



## Hub-And-Spoke

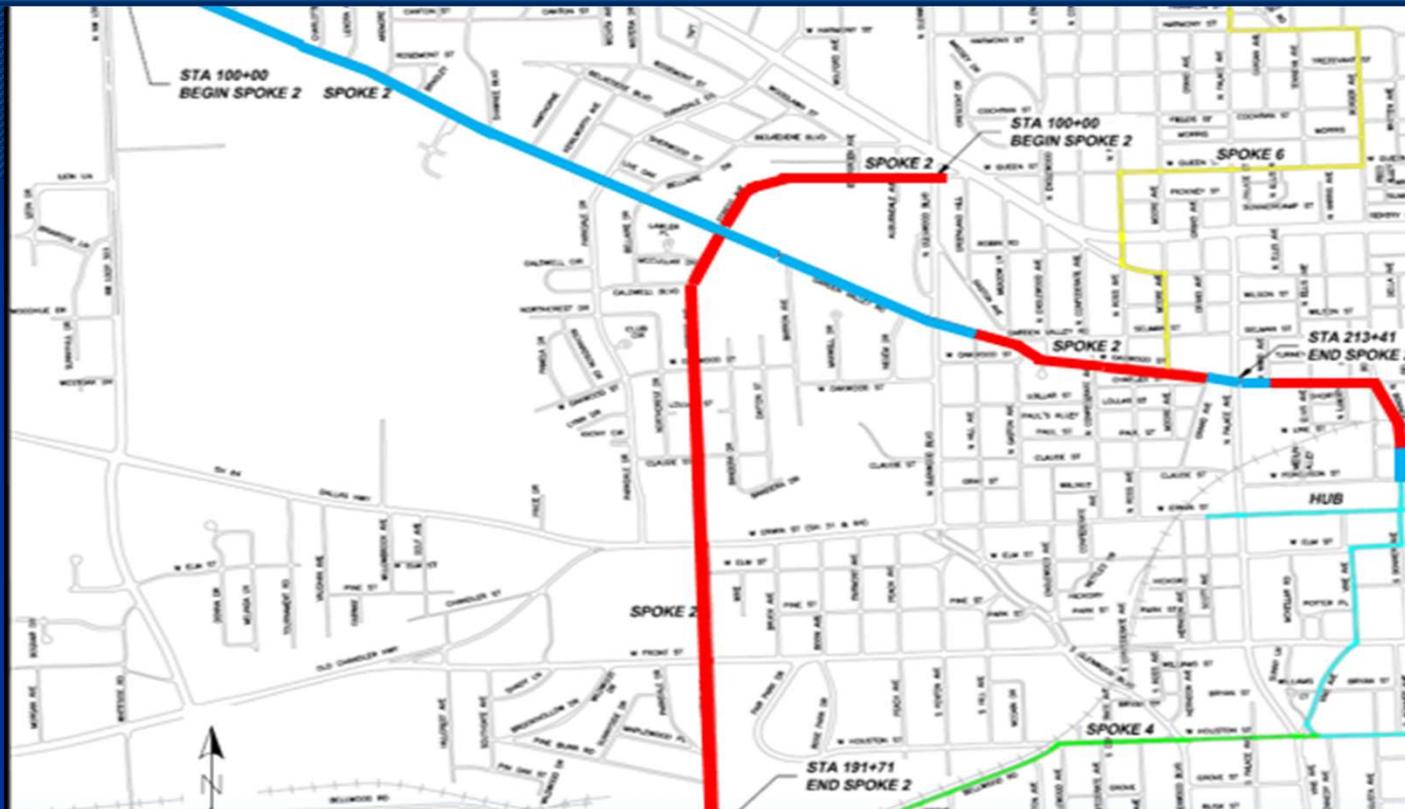
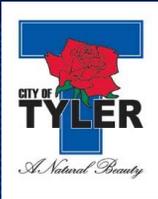
One hub  
11 Spokes





# Spoke 1

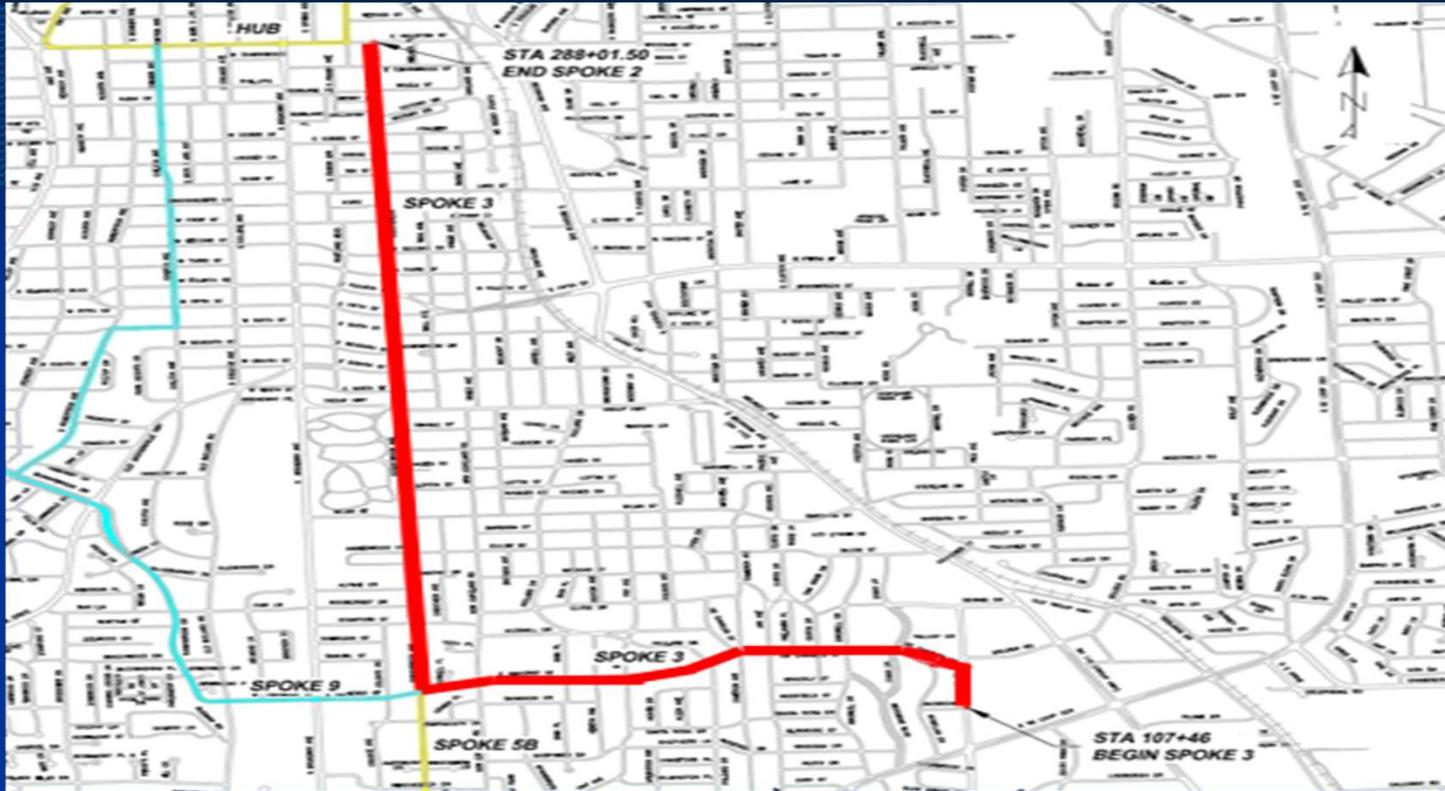
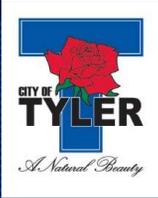
- Legend**
- Bike Lane
  - Bike Share



# Spoke 2

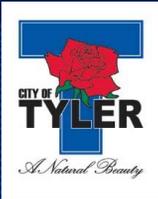
## Legend

-  Bike Lane
-  Bike Share



# Spoke 3

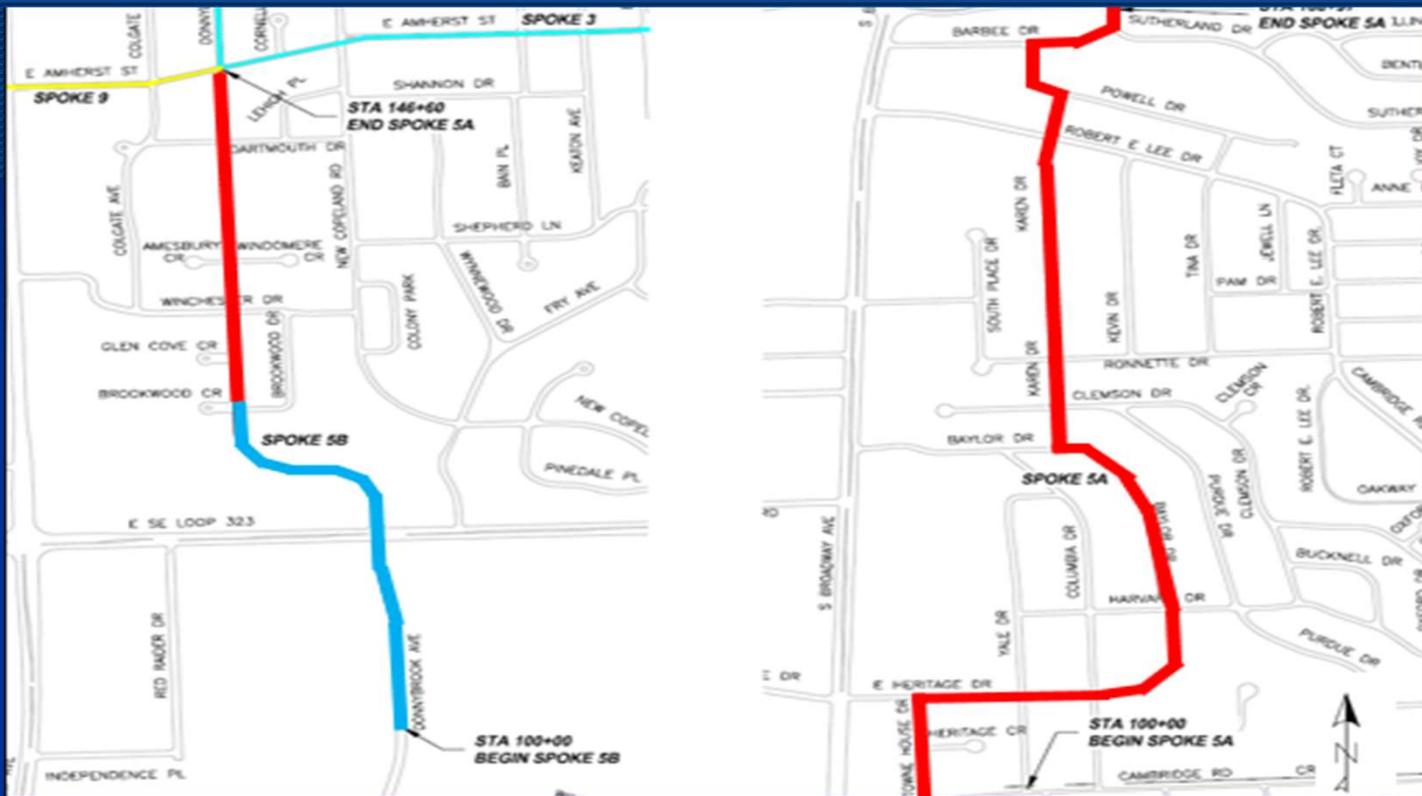
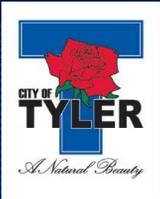
Legend  
 Bike Lane



Legend

-  Bike Lane
-  Bike Share
-  Bike Route
-  Bike Lane w/Buffer zone

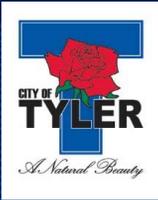
# Spoke 4



# Spoke 5

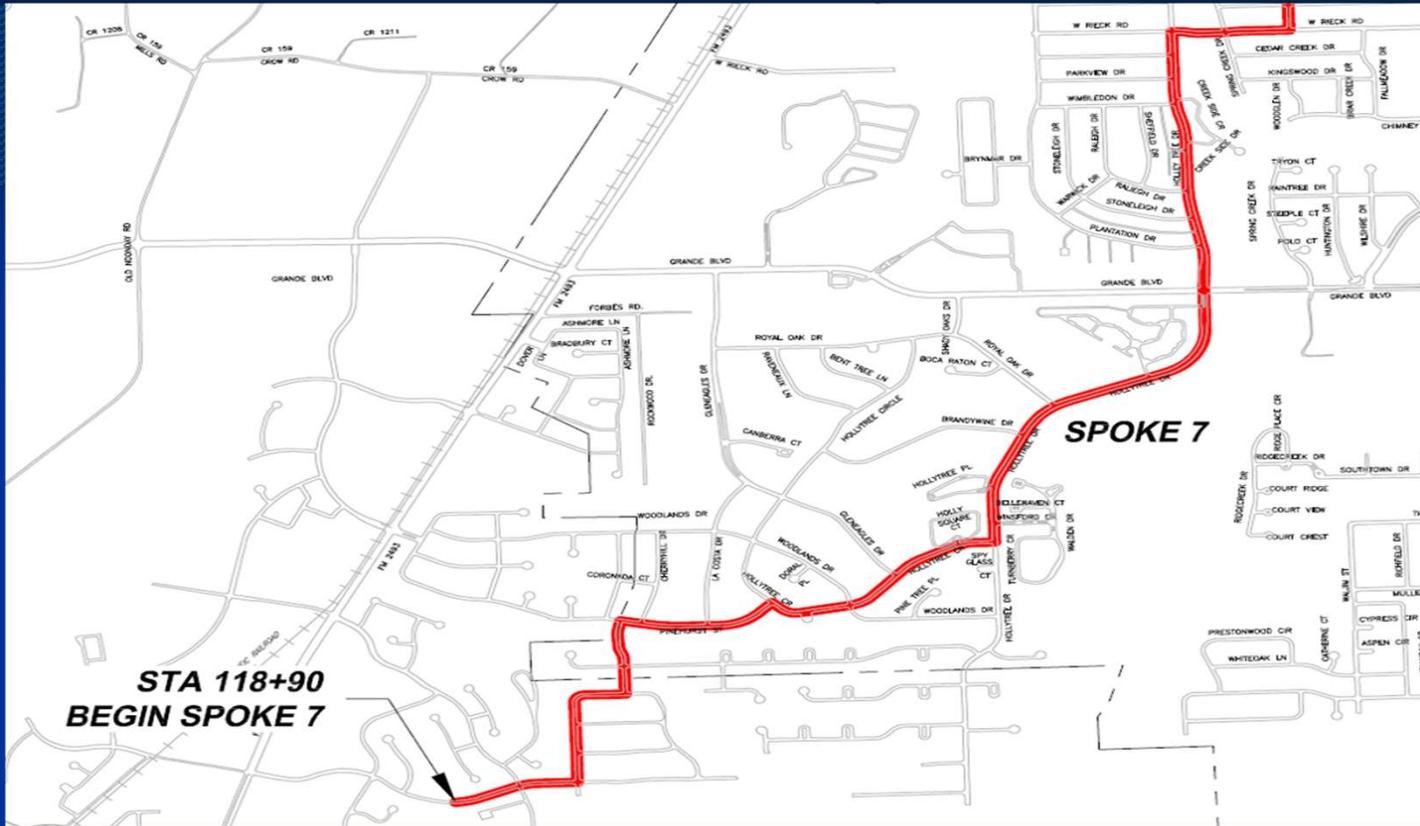
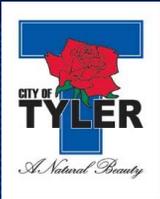
**Legend**

- Bike Lane
- Bike Share



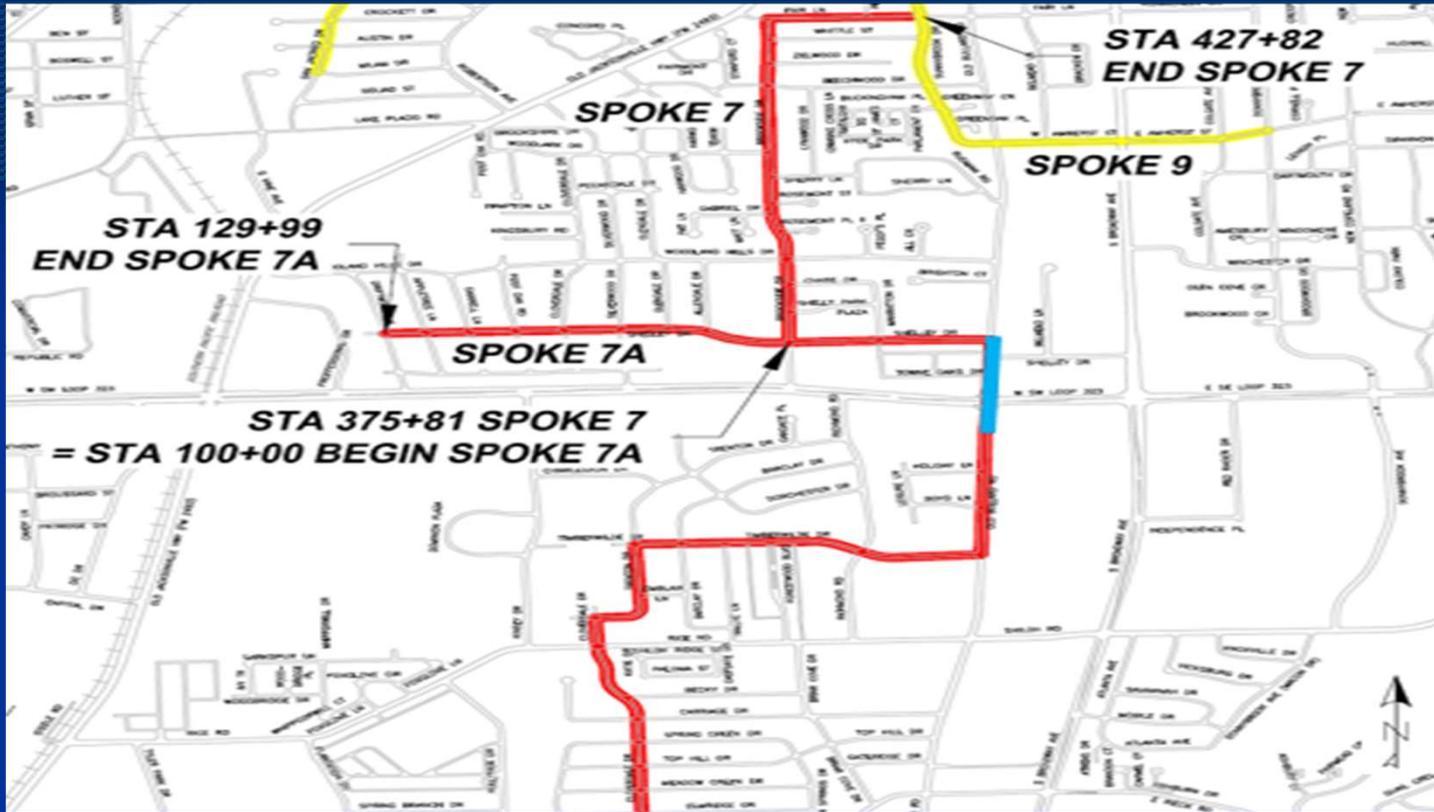
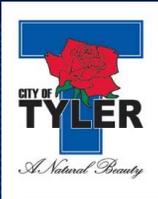
# Spoke 6

**Legend**  
 Bike Lane



# Spoke 7

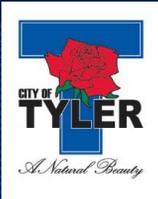
**Legend**  
 Bike Lane



# Spoke 7 continued

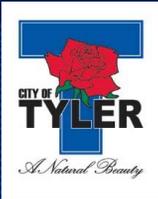
## Legend

-  Bike Lane
-  Bike Share



# Spoke 8

Legend	
	Bike Lane
	Bike Lane w/Buffer zone

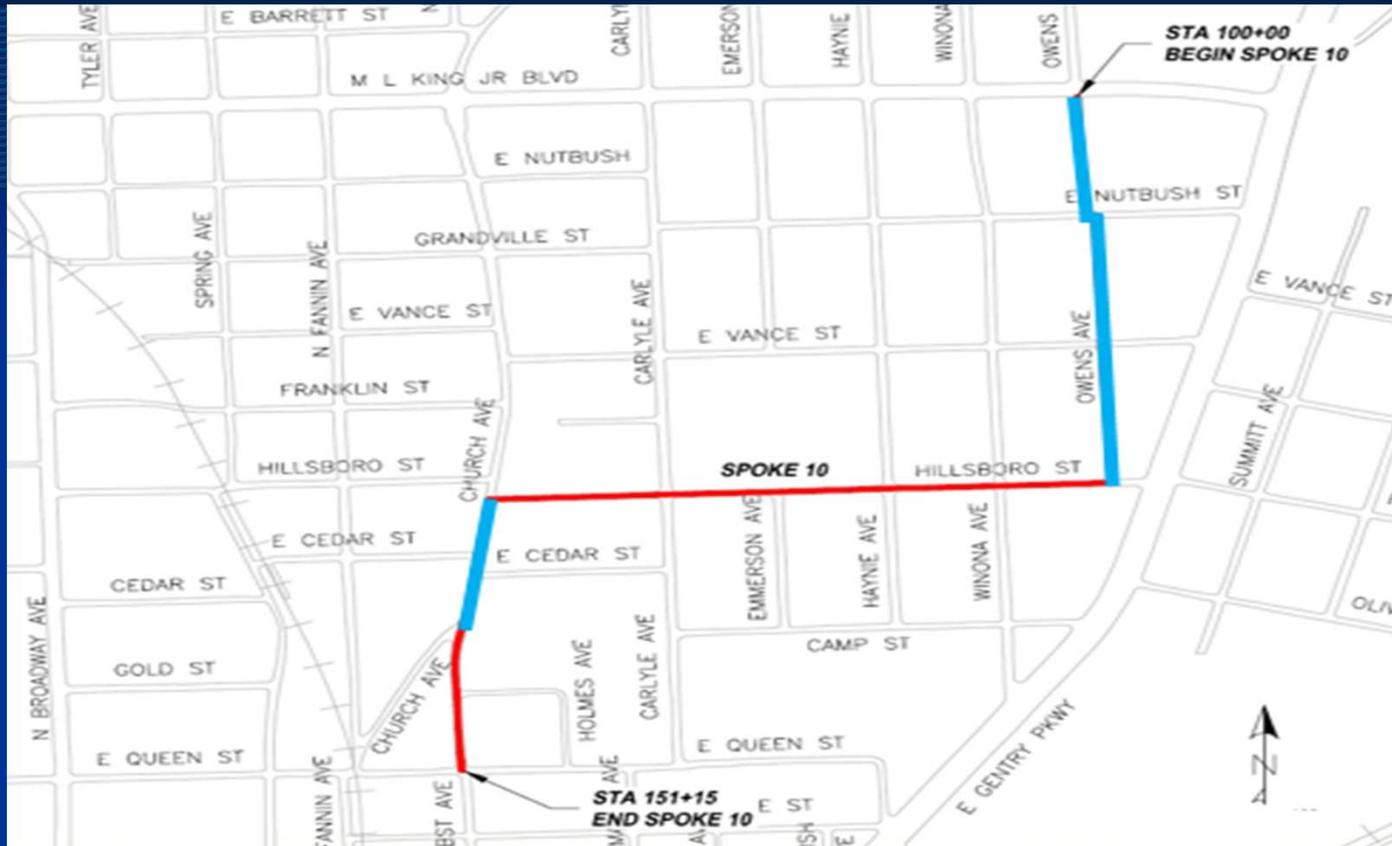
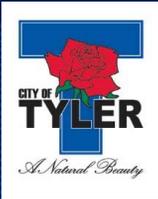


Legend

-  Bike Lane
-  Bike Share
-  Bike Route
-  Bike Lane w/Buffer zone

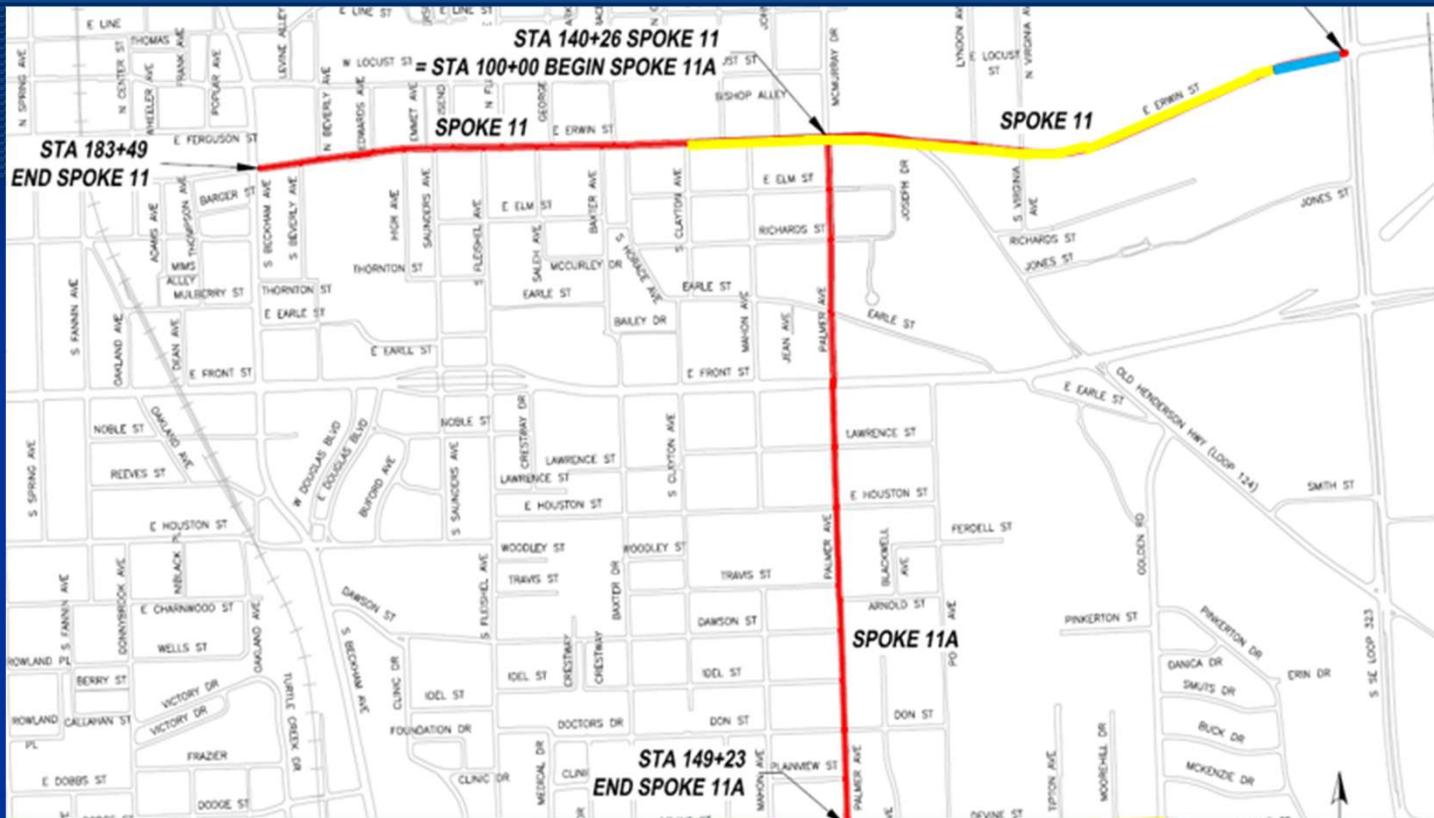
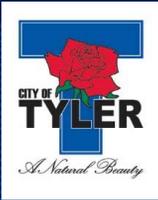
# Spoke 9





# Spoke 10

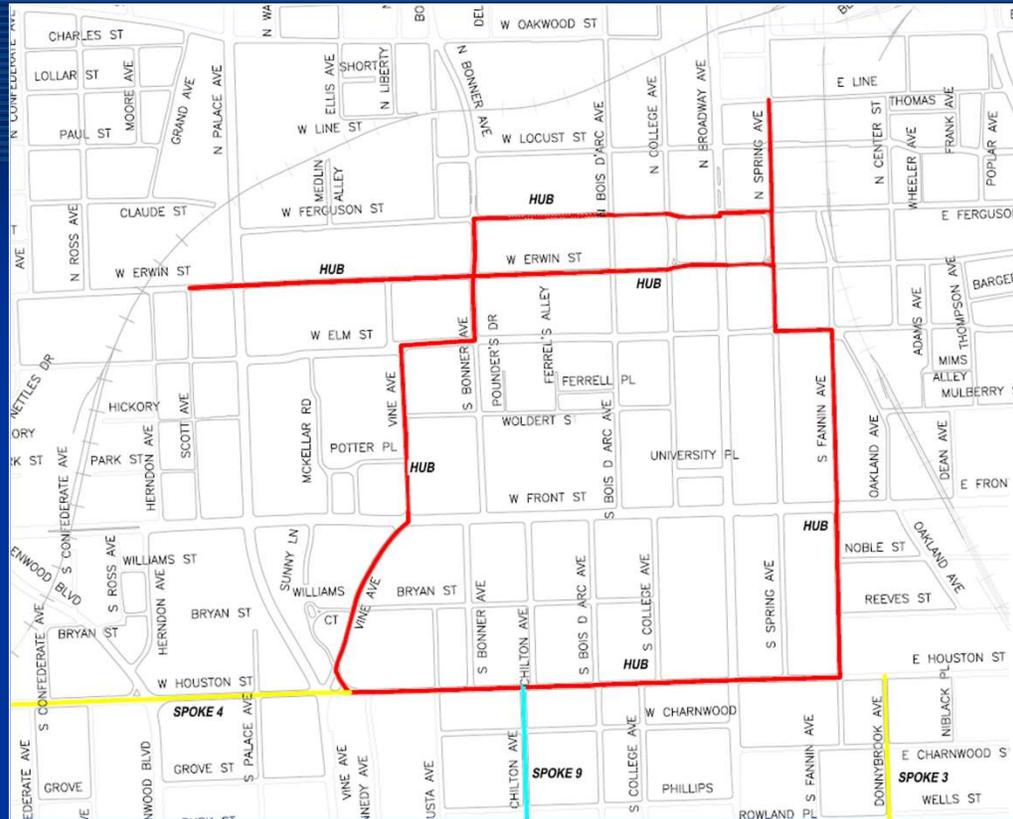
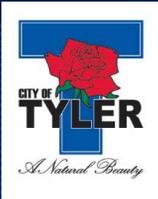
- Legend**
- Bike Lane
  - Bike Share



# Spoke 11

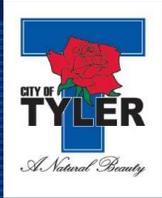
## Legend

-  Bike Lane
-  Bike Lane w/Buffer zone



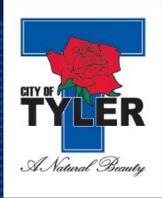
# Hub (Bike Route)

**Legend**  
 Bike Route



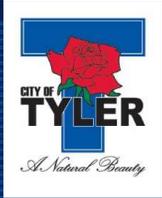
# Public Involvement Activities

- January 30, 2020; public meeting at Tyler Rose Center
- May 11, 2020; virtual public hearing



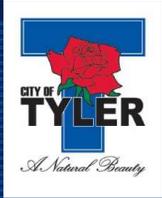
# Project schedule and construction costs

- Construction on schedule to begin in the Fall of 2020
- SET-ASIDE grant pays about 80 percent
- Remaining costs paid through the Half Cent Sales Tax Program



## 10 minute recess

- Website:  
<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>
- Public comment call in number (903) 363-0651
  - State name and address when speaking



Reconvene In:

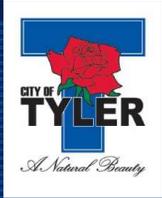


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



Reconvene In:

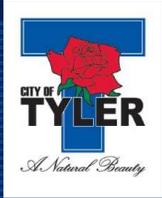


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



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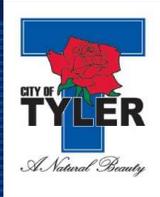


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



Reconvene In:

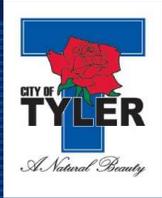


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



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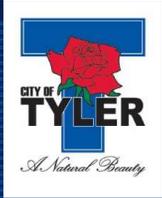


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



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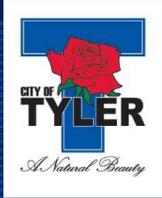


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



Reconvene In:

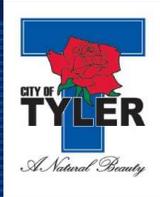


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



Reconvene In:

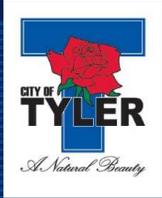


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



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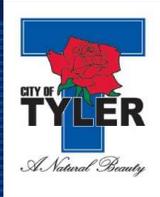


Hour

Minute

Second

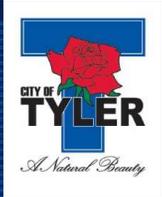
<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



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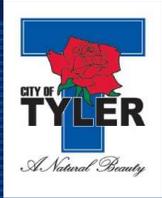
0	0	0	0	9	9
Hour		Minute		Second	

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



# Public Comments

- Verbal statement
  - Call (903) 363-0651
  - State name and address for the record
  - 3 minute time limit to speak



Call (903) 363-0651



Remaining Time:

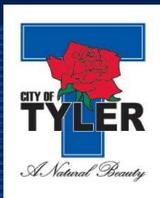


Hour

Minute

Second

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



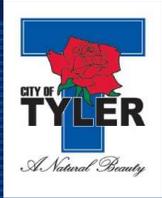
Call (903) 363-0651



Remaining Time:

0	0	-	0	2	-	9	9
Hour		Minute			Second		

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>



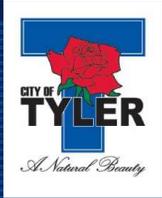
Call (903) 363-0651



Remaining Time:

0	0	-	0	1	-	4	4
Hour		Minute			Second		

<https://www.cityoftyler.org/government/departments/traffic-engineering/bike-routes>

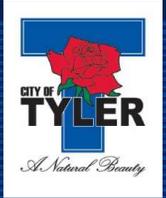


Call (903) 363-0651

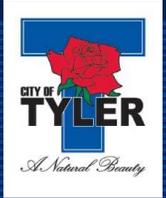


## Written Comments

- Mail in Statements must be received by May 26, 2020  
City of Tyler  
Attn. Cameron Williams, PE  
PO Box 2039  
Tyler, TX 75710
- Email [cawilliams@tylertexas.com](mailto:cawilliams@tylertexas.com)
- Voicemail: (903) 531-1204 (**State Name and Address**)



# Closing Remarks



# Adjournment