



## MEETING AGENDA

TxDOT Bicycle Advisory Committee (BAC)  
January 17, 2020 - 9:30 A.M.  
200 East Riverside Dr., Bldg 200, Classroom A  
Austin, Texas 78704  
Teleconference instructions below

1.	Call to Order.
2.	Safety briefing.
3.	Approval of minutes from October 11, 2019, BAC meeting. (Action)
4.	Report from TxDOT's Public Transportation Division Director regarding statewide bicycle and pedestrian matters.
5.	Update on Bikeway Design Effort – Phase I implementation and Phase II approach. (Action)
6.	Discussion on Texas Transportation Commission charge to review and make recommendations on expanding the charge of the BAC to address a wider range of related transportation service options, including pedestrian options and personal mobility devices. (Action)
7.	Presentation on TxDOT activities for bicyclist and pedestrian counting.
8.	Presentation on Federal Highway Administration peer exchange for bicycle/pedestrian count technology pilot.
9.	Update from committee members on local and statewide issues.
10.	Public comment – public comments will only be accepted in person.
11.	Adjourn. (Action)

I certify that I have reviewed this document and that it conforms to all applicable *Texas Register* filing requirements.

CERTIFYING OFFICIAL: Becky Blewett, Deputy General Counsel, (512) 463-8630.

## BAC Members

Karla Weaver, Chair, Dallas/Ft. Worth  
Bobby Gonzales, Vice Chair, El Paso  
Clint McManus, Houston  
David Ham, Midland  
Eva Garcia, Brownsville  
Frank Rotnofsky, Laredo  
Jeff Pollack, Corpus Christi  
Mike Schofield, Austin  
Rick Ogan, San Angelo  
Trent Brookshire, Tyler

## TxDOT Technical Staff

Eric Gleason, Director, Public Transportation Division (PTN)  
Donna Roberts, Program Services Section Director, PTN  
Bonnie Sherman, Bicycle & Pedestrian Program Manager, PTN  
Noah Heath, Bicycle & Pedestrian Planner, PTN  
Carl Seifert, Transportation Planner (Contractor), Jacobs

\* \* \*

## Teleconference instructions:

Event address for attendees:

<https://txdot.webex.com/txdot/onstage/g.php?MTID=edf7fa59d7c97eebb413e2ee7f930984e>

Event number/Access code: 733 042 011

Event password: Bike2020

To receive a call back, provide your phone number when you log-in, or call the number below and enter the access code (above).

United States TOLL: +1-415-655-0003

## **MINUTES FOR ADOPTION**

Bicycle Advisory Committee – Teleconference Meeting  
200 E. Riverside Drive, Austin TX 78704 – Classroom D  
October 11, 2019

### **BAC Committee Members Present and Participating:**

#### In-Person:

Karla Weaver, *Dallas/Fort Worth, Chair*  
Robert Gonzales, *El Paso, Vice Chair*  
Clint McManus, *Houston*  
David Ham, *Midland*  
Eva Garcia, *Brownsville*  
Frank Rotnofsky, *Laredo*  
Mike Schofield, *Austin*  
Rick Ogan, *San Angelo*  
Trent Brookshire, *Tyler*

#### Via telephone:

Jeffrey Pollack, *Corpus Christi*

### **TxDOT Present and Participating:**

Marc Williams, Deputy Executive Director, TxDOT (ADM)  
Eric Gleason, Director, Public Transportation Division (PTN)  
Donna Roberts, Program Services Section Director (PTN)  
Bonnie Sherman, Statewide Bicycle / Pedestrian Coordinator (PTN)  
Noah Heath, Statewide Bicycle / Pedestrian Planner (PTN)

### **Also Present and/or Participating:**

Carl Seifert, Jacobs Engineering Group  
Sean Corcoran, Toole Design  
Jana Renner, Paso Del Norte Health Foundation

### **AGENDA ITEM 1: Call to Order.**

Karla Weaver calls the meeting to order at 9:31 A.M.

### **AGENDA ITEM 2: Safety Briefing.**

Bonnie Sherman provided a safety briefing beginning at 9:32 A.M.

### **AGENDA ITEM 3: Introduction of new BAC members.**

Karla Weaver introduced this item at 9:34 A.M.

BAC members introduced and provided background information about themselves.

Comments: Marc Williams, Karla Weaver, Robert Gonzales, Clint McManus, David Ham, Eva Garcia, Frank Rotnofsky, Jeff Pollack, Mike Schofield, Rick Ogan, and Trent Brookshire

**AGENDA ITEM 4: Approval of Minutes from July 15, 2019 BAC Meeting (Action).**

Karla Weaver introduced this item at 9:50 A.M.

**MOTION** Robert Gonzales moved to approve the July 15, 2019 BAC meeting minutes.

**SECOND** Frank Rotnofsky seconded the motion.

The motion passed unanimously at 9:50 A.M.

**AGENDA ITEM 5: Report from TxDOT's Public Transportation Division Director regarding statewide bicycle/pedestrian matters.**

Eric Gleason delivered the Director's report beginning at 9:51 A.M.

Eric Gleason welcomed the committee, thanked them for volunteering, reviewed commission charges that accompanied the appointment of the new committee members, and introduced volunteer opportunities for BAC members.

Comments: Eric Gleason, Karla Weaver, and David Ham

**AGENDA ITEM 6: Presentation - Update on Bikeway Design Effort: Phase I Areas of Concurrence (Action).**

Bonnie Sherman presented the item at 10:00 A.M.

Questions/Comments: Karla Weaver, Eric Gleason, Clint McManus, Eva Garcia

**MOTION** Trent Brookshire moved to approve update to areas of concurrence.

**SECOND** Eva Garcia seconded the motion.

The motion passed unanimously at 10:05 A.M.

**AGENDA ITEM 7: Discussion on Texas Transportation Commission charge to review and make recommendations on expanding the charge of the BAC to address a wider range of related transportation service options, including pedestrian options and person mobility devices.**

Noah Heath presented this item at 10:05 A.M.

Questions/Comments: Eric Gleason, Karla Weaver, Eva Garcia, Mike Schofield, Clint McManus, Eva Garcia, Frank Rotnofsky, David Ham, Bonnie Sherman, Jeff Pollack, Marc Williams, and Noah Heath.

**AGENDA ITEM 8: Presentation on FHWA Bikeway Selection Guide.**

Sean Corcoran presented the item at 10:50 A.M.

Questions/Comments: Eva Garcia, and Karla Weaver.

**AGENDA ITEM 9: Presentation on Paso del Norte Trail: Improving access, connectivity, and health one mile at a time.**

Jane Renner presented this item at 11:12 A.M.

Questions/Comments: Karla Weaver, and Eva Garcia.

**AGENDA ITEM 10: Update from committee members on local and statewide issues.**

Karla Weaver introduced this item at 11:22 A.M.

Reports from BAC Members including: Eva Garcia, Clint McManus, Frank Rotnofsky, Robert Gonzales, Mike Schofield, Trent Brookshire, Rick Ogan, David Ham, Karla Weaver, and Jeff Pollack.

**AGENDA ITEM 11: Public comment – public comments will only be accepted in person.**

Karla Weaver introduced this item at 11:40 A.M.

No public comment.

**AGENDA ITEM 12: Discussion of agenda items for future BAC meetings (Action).**

Karla Weaver introduced this item at 11:42 A.M.

Discussed potential schedule for CY2020 and potential agenda items.

Questions/Comments: Karla Weaver, Bonnie Sherman, and Trent Brookshire.

**AGENDA ITEM 13: Adjourn. (Action)**

Meeting adjourned at 11:45 A.M.

Prepared by:

\_\_\_\_\_  
Noah Heath  
Public Transportation Division

Approved by:

\_\_\_\_\_  
Karla Weaver  
Chair, Bicycle Advisory Committee





# Bikeway Design Effort *Update*

January 17, 2020

## Presentation agenda



1 Phase 1 implementation prioritization

2 Phase 2 process and topics overview

3 Phase 2 schedule

4 Discussion

## Phase 1 Areas of Concurrence: Implementation Priorities



#	Areas of Concurrence	Items underway=
1	Standardize bikeway design guidance so TxDOT engineers refer to one source	
2	Initiate District bicycle plans statewide	
3	Continue to incorporate bicycle criteria into Project Safety Scoring Tool	
4	Develop District-level bike/ped design engineering subject matter expertise	
5	Promote collection of bike/ped data	
6	Refine DSR or develop scoping tool to address b/p needs based on context	
7	Refine req'ts to better incorporate temporary b/p facilities (detours) in traffic control plans	
8	Refine existing or create new TxDOT training classes	
9	Refine comment response process to better document bikeway needs	
10	Update standard contract to ensure consistent bike/ped accommodation and allow for design flexibility	
11	Develop informational handouts to strengthen b/p involvement at PDCC & DCC	
12	Create a state-level clearinghouse of bike/ped transportation plans	
13	Assess bike and ped consultant qualifications separately	
14	Formalize bike/ped performance measures as part of department project scoring and selection processes (e.g. Decision Lens)	
15	Develop guidance and awareness for annual District bike meeting/hearing	

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## Phase 1 Areas of Concurrence: Implementation Action Items (1 of 3)



- 1) **Standardize bikeway design guidance so TxDOT engineers refer to one source**
  - Roadway Design Manual update in process by Design Division
- 2) **Initiate District bicycle plans statewide**
  - Compile best practices (2020)
  - Initiate District bike plans (2021)
- 3) **Continue to incorporate bicycle criteria into Project Safety Scoring Tool**
  - Tool development in process by Design Division
- 4) **Develop District-level bike/ped design engineering subject matter expertise**
  - Developed TxDOT internal SharePoint website (2019)
  - Organize/establish agency-wide "Community of Practice" (2020)
- 5) **Promote collection of bike/ped data**
  - On-system pedestrian and bicycle facility inventory (2020 completion)
  - Training for staff, local governments, and contractors in basic non-motorized count best practices (2020)
  - Initiate data collection procurement (2020-2021)

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## Phase 1 Areas of Concurrence: Implementation Action Items (2 of 3)



- 6) Refine DSR or develop scoping tool to address b/p needs based on context
  - Scoping requirements pending Bikeway Design Effort Phase 2
- 7) Refine requirements to better incorporate temporary b/p facilities (detours) in traffic control plans
  - Future coordination with Traffic Safety Division
- 8) Refine existing or create new TxDOT training classes
  - Pending Community of Practice
- 9) Refine comment response process to better document bikeway needs
  - Future coordination with Transportation Planning and Programming Division (TPP)
- 10) Update standard contract to ensure consistent b/p accommodation and allow for design flexibility
  - Coordination with Professional Engineering Procurement Services Division initiated

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## Phase 1 Areas of Concurrence: Implementation Action Items (3 of 3)



- 11) Develop informational handouts to strengthen bike/ped involvement at PDCC & DCC
  - Future coordination with TPP
- 12) Create a state-level clearinghouse of bike/ped transportation plans
  - Coordination initiated with TPP
- 13) Assess bike and ped consultant qualifications separately
  - Pre-certification qualifications modified; in process. (2021)
- 14) Formalize bike/ped performance measures as part of department project scoring and selection processes (e.g. Decision Lens)
  - Future coordination with TPP
- 15) Develop guidance and awareness for annual District bike meeting/hearing
  - Future coordination with TPP

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PHASE 1: *Project Development Processes* Sept 2018 – July 2019

**PHASE 2: *Bikeway Design Guidance*** July 2019 – Fall 2020

**Parallel Tasks:**

- *Disseminating information*
- *Local government coordination*



Monthly Project Team meetings

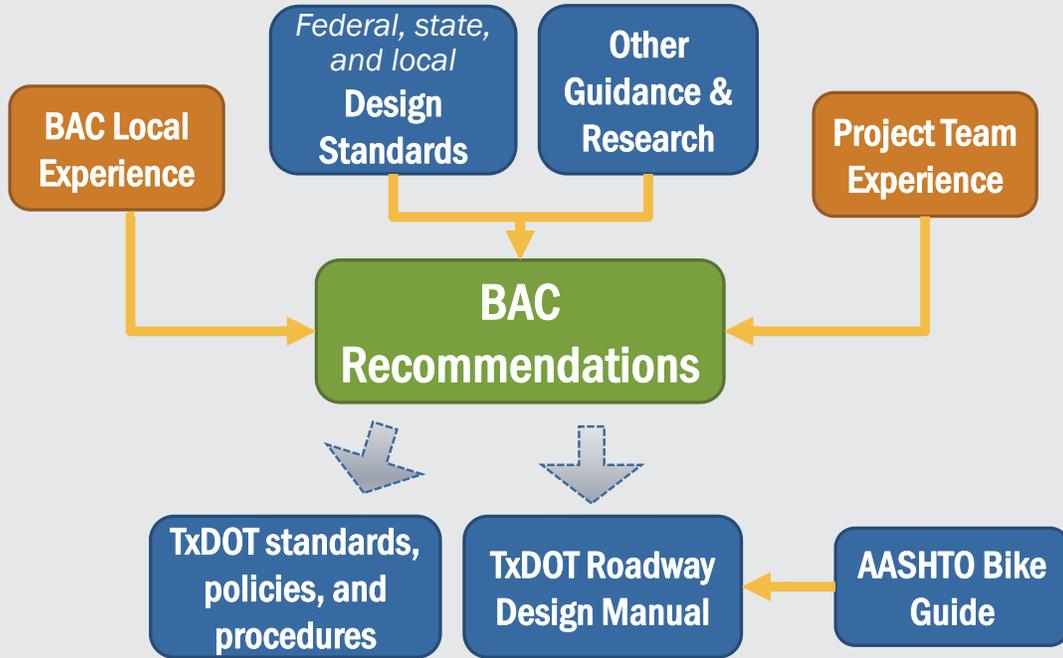


Monthly Working Group meetings



Recommendations developed

Quarterly BAC meeting and approval



*Design Topic Categories*

*Preliminary Discussion Topics*

**Facility Selection**

- Land Use Context/Design user
- Continuum of facility types
- Understanding constraints/trade-offs
- When wide outside lanes are appropriate/necessary
- Possible endorsement of FHWA Bikeway Selection Guide

**Bikeway Design Standards**

- Minimum vs preferred
- Preferred barrier types for SUPs and SBLs
- 1 way vs 2 way; 1 side vs both sides for SUPs/SBLs
- Rumble strip standard

**Intersections & conflict points**

- Green pavement markings
- Bike signals
- Protected intersections
- Driveways and RRD crossings
- Signage & pavement markings for safer intersections

**Maintenance**

- Surface treatment materials (thermos, MMA, etc.)
- Reducing lane widths to add bike lanes
- Maintenance of barrier separated bikeways
- Overlay materials (aggregate size)

## Phase 2 schedule overview



	2019						2020												2021
	Q3			Q4			Q1			Q2			Q3			Q4			Q1
	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan
<b>Administration, Coordination, and Stakeholder Engagement</b>																			
TxDOT Internal, Division and District coordination																			
Working Group Meetings	●	●		●	●		●	●	●	●	●	●	●	●	●	●	●	●	●
<b>TxDOT Bikeway Design Guidance- PHASE 2</b>																			
Background Presentations																			
Phase 2 Overview																			
A. Facility Selection																			
B. Bikeway Design Standards																			
C. Intersections/ conflict points																			
D. Maintenance																			
BAC Action																			

- BAC Meeting
- BAC Working Group Meeting

## Discussion





## Please send additional questions and comments to:



### **Bonnie Sherman, AICP**

TxDOT – Public Transportation Division  
Statewide Bicycle and Pedestrian Coordinator  
[Bonnie.Sherman@txdot.gov](mailto:Bonnie.Sherman@txdot.gov)  
(512) 486-5972

### **Noah Heath, AICP**

TxDOT – Public Transportation Division  
Bicycle and Pedestrian Planner  
[Noah.Heath@txdot.gov](mailto:Noah.Heath@txdot.gov)  
(512) 486-5973

### **Carl Seifert, AICP**

[Carl.Seifert@Jacobs.com](mailto:Carl.Seifert@Jacobs.com)  
(512) 486-5974

**Jacobs**





# BAC Scope Expansion Discussion

Quarterly BAC Meeting  
January 17, 2019

January 9, 2020

## Presentation agenda



- 1 Recap purpose and discussion from first meeting
- 2 Summary of issue papers
- 3 Facilitate discussion on the appropriateness of BAC scope expansion to include additional modes
- 4 Establish clear understanding of BAC direction
- 5 Next steps

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*“The commission charges the committee with the following priorities:*

- 1) Review and make recommendations on expanding the charge of the committee to address a wider range of related transportation service options, including pedestrian options and personal mobility devices; and*
- 2) Review and make recommendations of enhancements to safety and efficiency in the design of bicycle facilities.”*

*Texas Transportation Commission Minute Order 115565 - August 29, 2019*

## Approach



### Facilitate BAC recommendations to the Commission:

- Potential inclusion/exclusion of other non-motorized modes
- Potential impacts on committee composition/function

### Schedule

- October: Introduction and brainstorm
- January: In-depth discussion; gain clear BAC direction
- April: BAC action on recommendations





Current charge of BAC includes:

- Advise the Commission on bicycle issues
- Provide bicyclists' perspective on TxDOT policies affecting bicycle use, including the design, construction and maintenance of highways
- Review and make recommendations on items of mutual concern between the department and the bicycling community



- General support for expansion of BAC to include pedestrians and/or micromobility due to need and commonalities among active modes of transportation
- Discussion
  - Pedestrian Mode
    - Regional-specific safety concerns (focus cities)
    - Alignment with bicycle mode
    - Availability of pedestrian advocates
    - Representation/advocates for disabled community
  - Micromobility Mode
    - Statewide vs. local urban scale
    - Equity of distribution
    - Lack of available data
    - Safety concerns of pedestrians
    - Use of micromobility devices on bicycle & pedestrian facilities



### Issue Paper 1 – Advantages and Disadvantages of BAC Expansion

- To inform recommendations on whether the committee’s scope should expand to include pedestrian and/or micromobility modes.

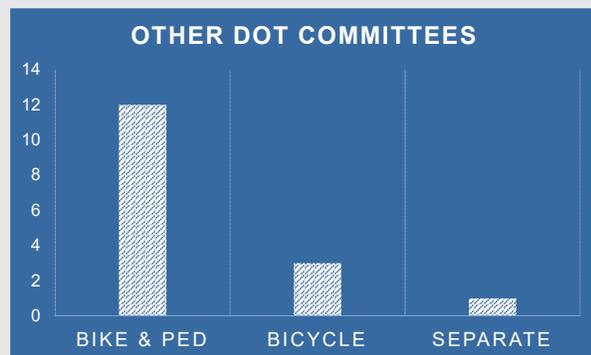
### Issue Paper 2 – Potential Impact of Expansion on Structure, Capacity, and Function of BAC

- To generate further input related to committee size or composition should the committee recommend scope expansion.

## State of the Practice



- Other State DOTs
  - Many include state and/or partner agencies
  - Generally include fewer than 11 general public members
  - Generally inclusive of bicyclists and pedestrians of all ages and abilities



- No State DOT committees formally address micromobility due to emerging nature
  - Several DOTs address micromobility as it relates to bicycle and pedestrian issues
- AASHTO’s Council on Active Transportation formally addresses “issues related to bicycling, walking, using portable personal & assistive mobility devices and other active transportation modes”



### Advantages

- BAC already considers pedestrian mode
  - Strategic Direction Report
  - Phase 1 of Bikeway Design Effort
- Overlapping needs
  - Infrastructure
  - Mobility
  - Funding
- Contribute to better understanding of potential consequences and more inclusive recommendations
- Provide input from roadway users not formally represented

### Considerations

- Perception that attention to bicycle mode may diminish
- Unknowns associated with micromobility mode
- Micromobility may be more of a local urban area issue
- Pedestrian and micromobility subject matter experts may be fewer in number



- Recruit members with specific interest in pedestrian and/or micromobility issues
  - Replace vacancies as they occur to balance committee (3 or vacancies per year), or
  - Increase number of members and replace as vacancies occur to balance
    - Consider manageability of larger committee and effect on productive discussion
- Increase capacity
  - Working groups could advance mode specific tasks
  - Additional TxDOT staff resources
    - Design Division's Pedestrian Facilities Accessibility Program
    - Civil Rights Division's ADA designee



- Given the overlapping nature of active transportation modes and expression of interest from the Commission, is expanding the BAC's scope reasonable and appropriate?
  - Do you think the BAC should expand its scope to include pedestrians?
  - Do you think the BAC should expand its scope to include micromobility?



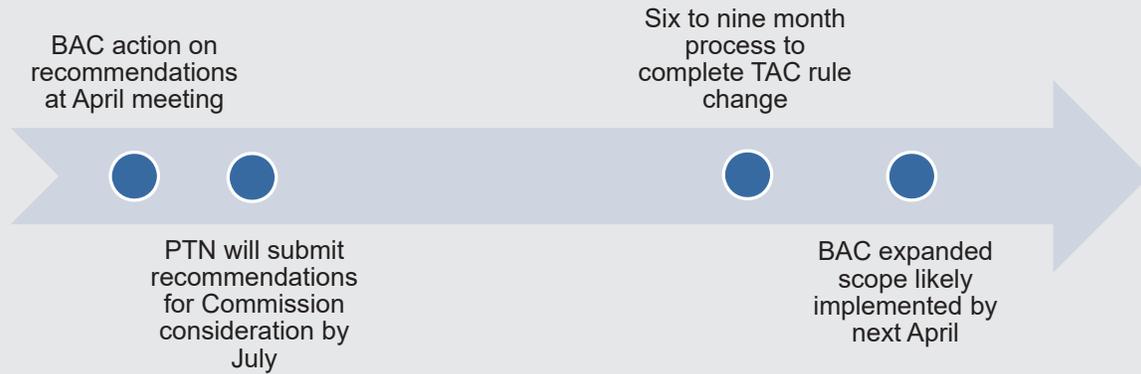
- If the committee recommends inclusion of additional modes, does the committee have additional suggestions related to the size or structure of the committee?





### If BAC recommends expansion of committee scope

- A statutory change is not required, however a Texas Administrative Code (TAC) rule change stating the purpose and tasks of an expanded committee scope would be necessary



### Please send additional questions and comments to:



#### Bonnie Sherman, AICP

TxDOT – Public Transportation Division  
Statewide Bicycle and Pedestrian Coordinator  
[Bonnie.Sherman@txdot.gov](mailto:Bonnie.Sherman@txdot.gov)  
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(512) 486-5974







# Bicyclist and Pedestrian Count Data in Texas

Shawn Turner, P.E.  
Texas A&M Transportation Institute



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## Better data is needed to better accommodate bicyclists & pedestrians



- |    |  |
|----|--|
| 1  | Standardize bikeway design guidance so TxDOT engineers refer to one source   |
| 2  | Initiate District bicycle plans statewide  |
| 3  | Continue to incorporate bicycle criteria into Project Safety Scoring Tool  |
| 4  | Develop District-level bike/ped design engineering subject matter expertise  |
| 5  | Promote collection of bike/ped data  |
| 6  | Refine DSR or develop scoping tool to address b/p needs based on context   |
| 7  | Refine req'ts to better incorporate temporary b/p facilities (detours) in traffic control plans                            |
| 8  | Refine existing or create new TxDOT training classes   |
| 9  | Refine comment response process to better document bikeway needs   |
| 10 | Update standard contract to ensure consistent bike/ped accommodation and allow for design flexibility                      |
| 11 | Develop informational handouts to strengthen b/p involvement at PDCC & DCC   |
| 12 | Create a state-level clearinghouse of bike/ped transportation plans  |
| 13 | Assess bike and ped consultant qualifications separately   |
| 14 | Formalize bike/ped performance measures as part of department project scoring and selection processes (e.g. Decision Lens) |
| 15 | Develop guidance and awareness for annual District bike meeting/hearing  |

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### Safety

- Exposure for crash rates
- Behavior (contra-flow riding)

### Planning

- Demand estimation
- Travel patterns

### Design

- Facility type and design
- Barriers
- High activity areas

### Performance Measurement

- Before and after studies
- Long-term trends from areawide improvements
- Mode shift

Understand problems

Anticipate future needs

Identify solutions

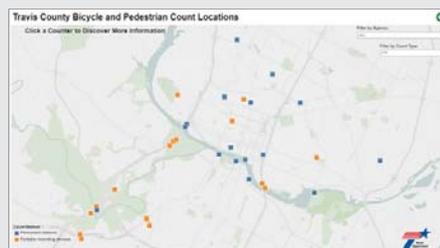
Track trends

**We need to know about bicycle and pedestrian usage on our roadways.**

## Multiple strategies to “close the data gap”



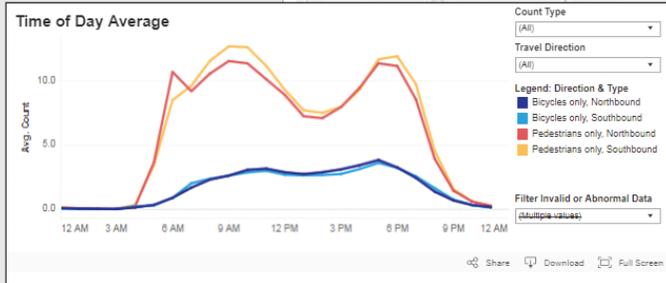
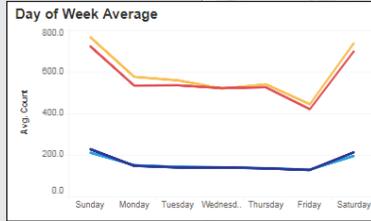
- Texas Bicycle and Pedestrian Count Exchange
- Crowdsourced bicycle data (Strava Metro)
- Data collection and analysis guidance
- Counter equipment loan program
- Training in spring 2020
- Funding for bike/ped counts in 2020-2021



# Consolidating data in Texas Bicycle and Pedestrian Count Exchange

As of late 2019:

- 83 permanent sites
- 245 short-term sites



<https://mobility.tamu.edu/bikepeddata/>

# Planned integration with TPP in STARS III

The screenshot shows the Traffic Count Database System (TCDS) interface. The navigation menu includes: Home, TSMS, TCLS, TTDS, PMS, PMDS, RSM, **NMDS**, PMS, WOTS, and RTTV. The **NMDS** link is circled in red. The search interface includes fields for District, County, Community, Count Type, and Count Year. The background shows a map of the United States and Mexico.

## TTI model to adjust crowd-sourced data to estimate total bicyclists

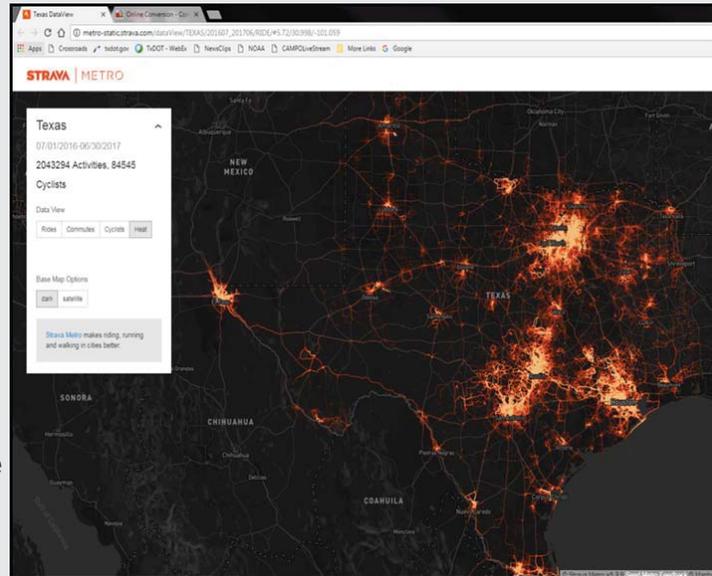


### StravaMetro Data:

- Crowd-sourced data collected by bicyclists using fitness app
- TxDOT acquired 4 years of statewide Strava data

### Access:

- TxDOT staff can access Strava data (.gbd) through shared network drive
- Local entities have free access through sublicense



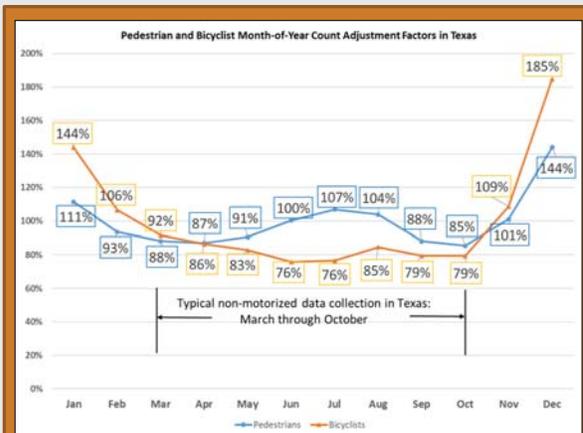
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## Data collection and analysis guidance developed through research

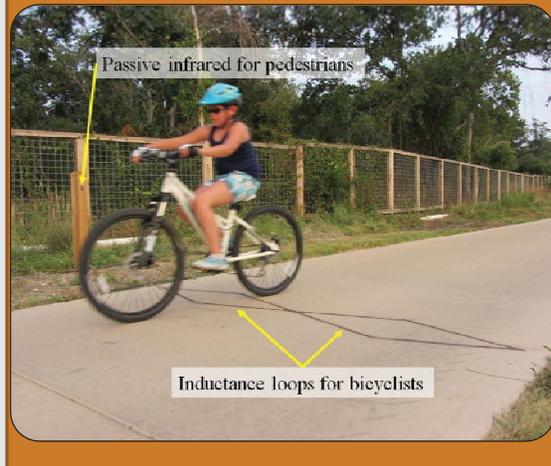


Guide for Seasonal Adjustment and Crowdsourced Data Scaling



Provide statewide seasonal adjustment factors for short-term (7-day) counts

### Guidance for bike/ped count programs



Improving the Amount and Availability of Pedestrian and Bicyclist Count Data in Texas

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## Counter equipment loan program



- Portable equipment for loan:
  - 10 infrared counters
  - 8 pneumatic tube counters (bikes)
  
- Available for:
  - TxDOT districts
  - Local agencies
  - Others as available



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## Spring 2020 training on bicycle/pedestrian data collection



- 3 training modules
  1. Smart uses of bicyclist and pedestrian count data
  2. Collecting bicyclist and pedestrian count data
  3. Bicyclist and Pedestrian Count Exchange
- Webinar overview (90 minutes)
  - February 6 and 11
- In-person, full-day training
  - Pharr District (March)
  - San Antonio (March 25) – in coordination with Texas Trails and Active Transportation Conference
  - Houston (April)
  - Dallas-Ft. Worth (April)

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- Accelerate “closing the bike/ped data gap”
- Focus on strategic locations on State Highway System
- Possible combination of:
  - Permanent counter installation – continuous data throughout year
  - Portable counters – 7-14 days for selected months



**Shawn Turner, P.E.**

s-turner@tti.tamu.edu

(979) 317-2481



**Questions?**

# FHWA PEER EXCHANGE IN NTX AND NATIONAL BICYCLE/PEDESTRIAN COUNT TECHNOLOGY PILOT

## TxDOT State Bicycle Advisory Committee

January 17, 2019



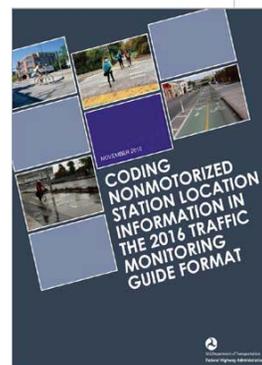
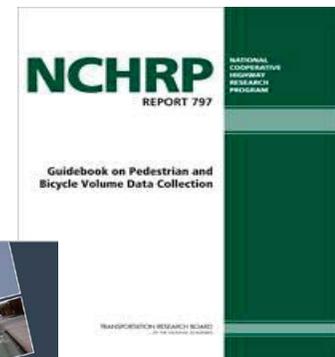
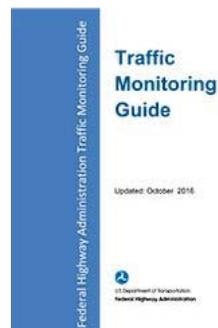
North Central Texas  
Council of Governments

North Central Texas Council of Governments

## Various Resources

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- FHWA: Traffic Monitoring Guide. Chapter 4 for Non-Motorized Traffic
- NCHRP Report 797: Guidebook on Pedestrian and Bicycle Volume Data Collection
- Coding for Traffic Management Guide Format



# FHWA Peer Exchange, May 2013

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**Transportation Planning Capacity Building (TPCB) Peer Program**

North Central Texas Council of Governments Peer Exchange on Bicycle and Pedestrian Count Programs

*A TPCB Peer Exchange*

Location: Arlington, Texas  
Date: May 29, 2013 – May 30, 2013  
Host Agency: North Central Texas Council of Governments (NCTCOG)  
Peer Agencies: Colorado Department of Transportation (CDOT)  
Delaware Valley Regional Planning Commission (DVRPC)  
Metropolitan Transportation Commission (MTC)  
Texas A&M Transportation Institute (TTI)  
Federal Agencies: Federal Highway Administration (FHWA)  
Volpe Center

 U.S. Department of Transportation  
Federal Highway Administration • Federal Transit Administration

[Peer Exchange Report is Available Online](#)

- Two-Day TPCB Peer Exchange at NCTCOG
- Peer Agencies Provided Guidance to Setup and Operate a Count Program
  - Performance Measures
  - Type of Equipment
  - Count Locations and Frequency
  - Data Management
- Selected Peers:
  - CDOT      DVRPC
  - MTC      TTI

## Why Do we Want to Count?

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- Provide Data About Actual Non-motorized Travel Volumes (Mobility Plan Performance Measures)
- Inform the Public and Decision Makers About Actual Usage and Travel Patterns
- Analyze Trends
- Evaluate the Impacts of Specific Projects (before/after)
- Relevance!
  - “If it’s not counted, it doesn’t count.” – Bill Schultheiss, Toole Design Group

# Why Count at the Regional Level?

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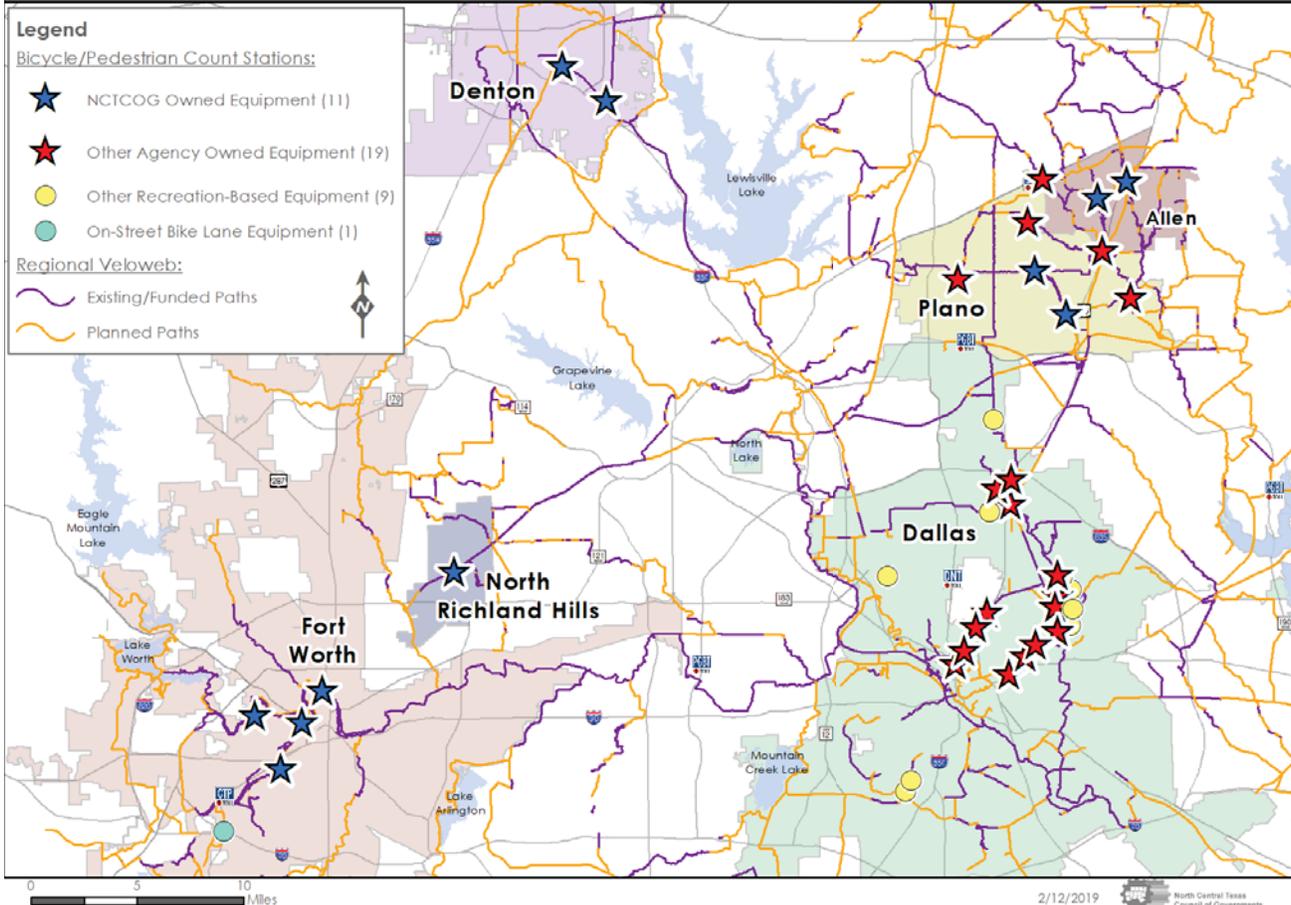
Guidelines and Quality Control  
Procedures for Data Collection  
(consistency throughout the region)

Regional Clearinghouse for Data  
and Reports

Integrate with the Regional *Traffic*  
Count Information System



## Bicycle and Pedestrian Count Stations in the North Central Texas Region (2018)



# 2018 Data Overview

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29 Locations: 7 Million Bicyclists and Pedestrians Counted



## Challenges

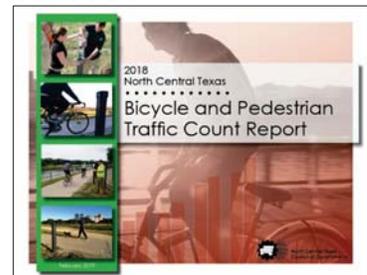
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- City Commitments / Partnerships
- On-going Data Fees
- Personnel Needs for Program Support (Battery Replacements, Installations, Mobile Count Loans, Data Processing, etc.)
- Performance Measures
- Permanent vs Mobile Counters

# Success Stories

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- ❑ Interlocal Cooperative Agreements (ILA's) with Five Agencies
- ❑ Applied Correction Factors to Reflect the Most Accurate Data
- ❑ Hosted Mobile Counter Installation Training
- ❑ 2015-2018 Regional Bicycle and Pedestrian Traffic Count Reports available. The 2019 report is coming soon.

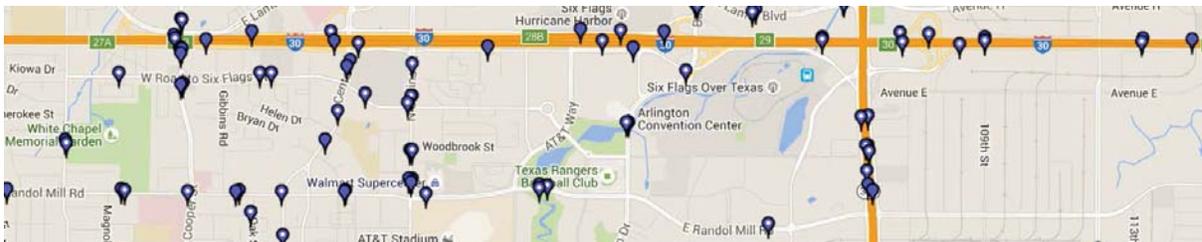


## 26.7 Million Counts!!

# What's Next?

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- ❑ Include bike/ped traffic counts to historical motorized vehicle traffic count web map. (COMPLETE)



- ❑ Analyze relationship of surrounding land use and actual bike/ped traffic volumes. (UNDERWAY)
- ❑ Look at future purchasing of additional permanent counters and upgrades from 2g to 3/4g and long-term maintenance. (UNDERWAY)

[www.nctcog.org/BikePedCountData](http://www.nctcog.org/BikePedCountData)

# FHWA Bike/Ped Count Technology Pilot: Dec 2016

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- What does it take to start a program?
- Funded 10 MPO's (\$20K each)
- Documentation of Process
- Technical support provided



[https://www.fhwa.dot.gov/environment/bicycle\\_pedestrian/countpilot/](https://www.fhwa.dot.gov/environment/bicycle_pedestrian/countpilot/)

## FHWA Bike/Ped Pilot Locations

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# NCTCOG Contacts

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North Central Texas  
Council of Governments