## MEETING AGENDA

**TxDOT Bicycle Advisory Committee (BAC)**

*July 29, 2016 | 10:00 A.M.*

125 E. 11th Street, Delegation Room (1st Floor)

Austin, TX 78701

Teleconference Available for BAC Members

| 1. | Call to Order. |
| 2. | Safety briefing. |
| 3. | Approval of minutes from January 29, 2016, BAC meeting. (Action) |
| 4. | Report from BAC Chair. |
| 5. | Report from TxDOT’s Public Transportation Division Director regarding statewide bicycle and pedestrian matters. |
| 6. | Presentation from North Central Texas Council of Governments on Regional Active Transportation Planning in North Texas. |
| 7. | Presentation from Bike Texas on developing connections to the U.S. Bike Route System in Texas (N/S and E/W). |
| 8. | Discussion on planning a bike ride for BAC members in October 2016. (Action) |
| 9. | Update from committee members on local and statewide issues. |
| 10. | Public comment – public comments will only be accepted in person. |
| 11. | Discussion of agenda items for future BAC meetings. (Action) |
| 12. | Adjourn. (Action) |

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

**CERTIFYING OFFICIAL:** Angie Parker, Associate General Counsel, (512) 463-8630.
Parking Map

TxDOT Bicycle Advisory Committee July 29 Meeting

Capitol Visitor Parking Garage – Max. Daily Charge $10. 2 blocks to TxDOT Bldg. – 125 e. 11th street. Limited metered street parking may be available.

Meeting is in the Delegation Room. 1st floor.

Mess Hall Café (closest coffee to meeting).

Parking Entrance
AGENDA ITEM 3
MINUTES FOR ADOPTION
Bicycle Advisory Committee – Teleconference Meeting
200 E. Riverside Drive, Austin TX, Classroom e
April 29, 2016

BAC Committee Members Present and Participating:
Billy Hibbs, Chair
Karla Weaver
David Steiner
Ann-Marie Williamson
Allison Blazosky
Robert Gonzales

BAC Committee Members Participating Telephonically:
Romero Gonzalez

TxDOT Present and Participating:
Eric Gleason, Director, Public Transportation Division (PTN)
Teri Kaplan, Statewide Bicycle / Pedestrian Coordinator (PTN)
Donna Roberts, Program Services Manager (PTN)
Josh Ribakove, Communications Manager (PTN)
Terry Pence, Section Director, Traffic Safety (TRF)

Also Present and Participating:
Stephanie Lind, CH2M Hill
Veronica Vela Whitacre, City Commissioner, McAllen TX

AGENDA ITEM 1: Call to Order.
Billy Hibbs began the proceedings at 10:01 A.M.

AGENDA ITEM 2: Safety Briefing.
Josh Ribakove provided a safety briefing at 10:02 A.M.

AGENDA ITEM 10, part 1 (taken out of order): Public Comment.
Veronica Vela Whitacre, City Commissioner, McAllen, TX, spoke at 10:03 A.M. Ms. Whitacre gave a presentation on what the City of McAllen has done to become more bicycle-friendly.

AGENDA ITEM 3: Approval of Minutes from October 27, 2015 Meeting (Action).
Billy Hibbs introduced this item at 10:16 A.M.
MOTION  Allison Blazosky moved to approve the January 29, 2016, meeting minutes.

SECOND  Karla Weaver seconded the motion.

The motion passed unanimously at 10:16 A.M.

AGENDA ITEM 4: Report from BAC Chair.

Billy Hibbs delivered his report beginning at 10:17 A.M. Topics covered included 1) a recap from the March Commission meeting in which Billy and Eric spoke 2) a discussion about how to report bicycle safety concerns and 3) Billy introduced TxDOT’s new bicycle jersey and offered to purchase one jersey for each BAC member.

AGENDA ITEM 5: Report from TxDOT’s Public Transportation Division Director regarding statewide bicycle and pedestrian matters.

Eric Gleason delivered his report beginning at 10:28 A.M. Topics included the Transportation Alternatives Program (TAP) and BikeStripe.

Comments and discussion: Karla Weaver, Eric Gleason.

AGENDA ITEM 6: Presentation and discussion on implementing TxDOT’s Bicycle and Pedestrian Strategic Direction Report. (Action)

Teri Kaplan began this presentation at 10:39 A.M.

Questions/Comments: Karla Weaver, Billy Hibbs, Eric Gleason, Teri Kaplan.

No action taken.

AGENDA ITEM 7: Discussion on Safe Routes to School non-infrastructure funding. (Action)

Terry Pence began this presentation at 10:46 A.M. He presented an event kit created by TxDOT for use by schools in seatbelt awareness campaigns and suggested that a similar kit could be created for a campaign around bicycle safety awareness.


No action taken.

AGENDA ITEM 8: Discussion on development of TxDOT’s webpage for TxDOT’s Bicycle and Pedestrian Program. (Action)

Stephanie Lind led this discussion beginning at 11:00 A.M. She gave an update on the progress of the project and opened the discussion for questions and comments.
Questions/Comments: Billy Hibbs, Karla Weaver, Eric Gleason

**AGENDA ITEM 9: Update from committee members on local and statewide issues.**

Billy Hibbs introduced this item at 11:08 A.M.

Contributions from Romero Gonzalez, Allison Blazosky, Karla Weaver, Ann-Marie Williamson, David Steiner, and Robert Gonzales.

**AGENDA ITEM 10: Public Comment.**

Robin Stallings of BikeTexas spoke at 11:22. Topics included the relative value and usefulness of striped and protected bike lanes; funds that are flexed for various uses by TxDOT; TxDOT's highway rest stops; and possible bicycling routes across Texas, both east-west and north-south. Bike Texas was invited to give a presentation on developing connections to the U.S. Bike Route System in July.

Comments and discussion: Billy Hibbs, Allison Blazosky, Romero Gonzalez, Karla Weaver, Eric Gleason, Robin Stallings.

**AGENDA ITEM 11: Discussion of BAC 2016 meeting schedule and agenda items for future BAC meetings; confirm date of next BAC meeting (Action).**

This item was skipped.

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

Billy Hibbs opened this item at 11:33 P.M.

**MOTION** Ann-Marie Williamson moved to adjourn the meeting.

**SECOND** Roberto Gonzales seconded the motion.

The motion passed at 11:33 A.M. Meeting adjourned.

Prepared by:

[Signature]

Teri Kaplan
Public Transportation Division

Approved by:

[Signature]

Billy Hibbs
Chair, Bicycle Advisory Committee
AGENDA ITEM 6
Regional Planning: Implementing a Regional Trail and Bikeway Network

Dallas - Fort Worth Region
Karla Weaver, AICP
Program Manager

TxDOT State Bicycle Advisory Committee

July 29, 2016
Overview

NCTCOG Overview

Overview of the Active Transportation Program and Regional Projects

- Regional Veloweb and On-Street Bikeways
- Highlighted Regional Trail Corridors
- Complete Streets
- Routes to Rail Stations
- Pedestrian / Bike Safety
- Safety and Education Campaign
- Stakeholder Training and Workshops
- Trail Data Collection and User Counts
Texas Metropolitan Planning Organizations

Metropolitan areas with populations of greater than 50,000

25 in Texas
420 in the US

- Abilene
- Amarillo
- Austin
- Beaumont-Port Arthur
- Brownsville
- Bryan-College Station
- Corpus Christi
- **Dallas-Fort Worth**
  - El Paso
  - Harlingen-San Benito
  - Hidalgo County
  - Houston-Galveston
  - Killeen-Temple
  - Laredo
  - Longview
  - Lubbock
  - Permian Basin
- San Angelo
- San Antonio-Bexar County
- Sherman-Denison
- Texarkana
- Tyler
- Victoria
- Waco
- Wichita Falls
North Central Texas Council of Governments

MPO for the Dallas-Fort Worth Region

NCTCOG Region = 16 counties

Metropolitan Planning Area
12 Counties = 9,441 sq. mi.

Land area larger than the states of New Hampshire, New Jersey, Connecticut, Delaware, and Rhode Island.
North Central Texas Council of Governments

MPO for the Dallas-Fort Worth Region

Ports of Three TxDOT Districts

- Dallas District
- Fort Worth District
- Paris District
Metropolitan Planning Area (MPA)

- 209 cities
- 13 cities larger than 100,000 pop.

MPA Population

- 2017 Estimate = 7.2 million
- 2040 Forecast = 10.7 million
Planning for All Ages and Abilities
(Designing for Ages 8 to 80)
Facility recommendations indicate transportation need. Corridors specific alignment, design, and operational characteristics for the Regional Veloweb system will be determined through ongoing project development.
Community Shared-Use Paths

Community Paths*

- Existing 333 Miles
- Funded 42 Miles
- Planned 1,999 Miles
- Total 2,374 Miles

*The Community Shared-Use Paths supplement the Regional Veloweb network. These paths do not include recreational paths/loops, private paths, equestrian or nature trails, or wide sidewalks less than 10-feet in width.

Facility recommendations indicate transportation need. Corridors specific alignment, design, and operational characteristics for these paths will be determined through ongoing project development.
On-Street Bikeway Network

On-Street Bikeways*

- **Existing**: 448 Miles
- **Funded**: 71 Miles
- **Planned**: 2,261 Miles

**Total**: 2,780 Miles

**Major Roads**

Dallas CBD

Fort Worth CBD

*On-street bikeways in the urbanized area include: separated or protected bike lanes/cycle tracks, bike lanes, marked shared lanes, and marked bicycle boulevards.

On-street bikeways in the urbanized area do not include: signed bike "routes", signed "share the road", unmarked wide outside lanes, or signed wide shoulders. The use of wide shoulders are included on various roadways linking rural communities outside of the urbanized area.

Facility recommendations indicate transportation need. Corridors specific alignment, design, and operational characteristics for the network will be determined through ongoing project development.
Paved shoulders in rural areas provide opportunities to travel between small towns.
Combined Regional Veloweb, Community Paths and On-Street Bikeway Network

- **Existing/Funded**: 1,482 Miles
- **Planned**: 5,556 Miles
- **Total**: 7,038 Miles

*The Regional Veloweb and Community Shared Use Path network does not include recreational paths/trails, private paths, equestrian or nature trails, or sidewalks less than 10-feet in width.

On-street bikeways in the urbanized area include: separated or protected bike lanes / cycle tracks, bike lanes, marked shared lanes, and marked bicycle boulevards. On-street bikeways in the unincorporated area do not include: signed bike "routes", signed "share the road", unmarked wide outside lanes, or signed wide shoulders.

The use of wide shoulders are included on various roadways linking rural communities outside of the urbanized area.

Facility recommendations indicate transportation need. Consider specific alignment, design, and operational characteristics for the network will be determined through ongoing project development.
Fort Worth to Dallas Regional Trail

<table>
<thead>
<tr>
<th></th>
<th>Fort Worth</th>
<th>Arlington</th>
<th>Grand Prairie</th>
<th>Irving Texas</th>
<th>City of Dallas</th>
</tr>
</thead>
<tbody>
<tr>
<td>Existing and Funded</td>
<td>17.7 miles</td>
<td>7.4 miles</td>
<td>4.5 miles</td>
<td>13.1 miles</td>
<td>10.1 miles</td>
</tr>
<tr>
<td>Planned and Unfunded</td>
<td>5.7 miles</td>
<td>0</td>
<td>3.5 miles</td>
<td>1.5 miles</td>
<td>0</td>
</tr>
</tbody>
</table>

10.7 miles (Approx. $16M) unfunded
Multimodal Complete Streets

There is no singular design prescription for Complete Streets; each one is unique and responds to its community context.

What are Complete Streets?

They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities.

Source: Smart Growth America
Pedestrian and Bicycle Routes to Rail Stations

Distance and gaps in the actual “Routes” to stations (walksheds)

"A true walkable radius does not typically exist."

0.5 mile actual walk distance

0.5+ mile

Disconnected pedestrian facility
States and cities with the highest pedestrian fatalities and/or fatality rates

Pedestrian Fatality Rates*
(Per 10k walking commuters)

**#41: Texas**

*Source: Bicycling and Walking in the United States: 2014 Benchmarking Report*

Top 50 Cities*

#26 Austin
#37 Houston
#44 San Antonio
#47 Dallas
#50: Fort Worth
Regional Bicycle/Pedestrian Crash Data

Bicycle and Pedestrian Crash Density (2010-2014)
Regional Safety and Education Campaign

- Promotes bicycle and pedestrian safety
- Rights and responsibilities of all road users
- Additional targeted messaging for:
  - School-age children
  - University students
  - Spanish speaking residents

LookOutTexans.org

North Central Texas Council of Governments
Workshops and Training

- Designing for Pedestrian Safety
- Pedestrian Safety Assessments
- ADA / Transition Plans
- AASHTO Bicycle Guide
- NACTO Urban Bikeways
- Complete Streets
- Separated Bike Lanes and Protected Intersections
- Modern Roundabouts

Regional Participants

- Engineers, Planners, Traffic and Public Works Staff
- TxDOT, City / County Staff, Transportation Agencies
- Case Study Site Visit Exercises
2015 Data Overview

26 Locations

4.2 Million
Bicyclists and Pedestrians Counted
Total Bicycle and Pedestrian Traffic by Count Station
October 2015

Bicycle and Pedestrian Trips

- Fort Worth: Trinity Trails - Cowtown Wakepark
- Denton: Denton Branch Rail Trail - MedPark Station
- Dallas: Cottonwood Trail - Hamilton Park
- North Richland Hills: Cotton Belt Trail - Holiday Ln.
- Plano: Bluebonnet Trail - US 75
- Denton: Denton Branch Rail Trail - Morse St.
- Plano: Russell Creek
- Dallas: Santa Fe Trail - Hill Ave.
- Plano: Oak Point Park & Nature Preserve Trail
- Plano: Chisholm Trail - Orlando Dr.
- Dallas: Santa Fe Trail - Glasgow Dr.
- Dallas: Santa Fe Trail - Beacon St.
- Plano: Chisholm Trail - Jack Carter Park
- Dallas: White Rock Creek Trail - Park Central Dr.
- Dallas: White Rock Creek Trail - Cottonwood Trail Crossing
- Dallas: Santa Fe Trail - Winsted Dr.
- Dallas: White Rock Creek Trail - Mockingbird Ln.
- Fort Worth: Trinity Trails - Clearfork Food Park
- Dallas: White Rock Lake Trail - Fisher Rd.
- Dallas: Katy Trail - Harvard Ave.
- Dallas: Katy Trail - Lyte St.
- Dallas: Katy Trail - Fitzhugh Ave.
- Dallas: Katy Trail - Routh St.
North Central Texas Council of Governments

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AGENDA ITEM 7
How Bicycles Can Save Small Town America
July 2016

Beth Nobles, Deputy Director
beth@biketexas.org • 512-476-7433

BikeTexas
Advancing Access, Safety, and Education

1991-2016
25 Years of Advocacy

July 2016
Developing Texas Connections to the U.S. Bicycle Route System

East/West and North/South
BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

SECTION 1. Subchapter K, Chapter 201, Transportation Code, is amended by adding Section 201.9025 to read as follows:

Sec. 201.9025. TEXAS BICYCLE TOURISM TRAILS. (a) The Texas Department of Transportation Bicycle Advisory Committee shall advise and make recommendations to the commission on the development of bicycle tourism trails in this state. Recommendations on bicycle tourism trails developed under this section:

(1) shall be made in consultation with the Parks and Wildlife Commission and the Texas Economic Development and Tourism Office;

(2) shall reflect the geography, scenery, history, and cultural diversity of this state;

(3) shall maximize federal and private sources of funding for the designation, construction, improvement, maintenance, and signage of the trails and the promotion of bicycle tourism; and

(4) may include multiuse trails to accommodate equestrians, pedestrians, and other nonmotorized trail users when practicable.

(b) The department may contract with a statewide bicycle nonprofit organization for assistance in identifying, developing, promoting, or coordinating agreements and participation among political subdivisions of this state to advance bicycle tourism trails.

SECTION 2. This Act takes effect September 1, 2005.
“shall reflect the geography, scenery, history, and cultural diversity of this state;”
Is there a demand?

More bicyclists than skiers, golfers and tennis players combined

Texas Bicycle and Gear Sales
- 1.4 billion in retail sales
- 115 million in sales tax

Bigger than hunting
East Coast Greenway

Goals:
15 states
450 communities
3,000 miles
All traffic free, 95% traffic free by 2030
850 miles have been created
200 more by 2020
40,000 supporters and volunteers

“shall maximize federal and private sources of funding for the designation, construction, improvement, maintenance, and signage of the trails and the promotion of bicycle tourism”
THE UNITED STATES BICYCLE ROUTE SYSTEM

Connecting People, Communities, and the Nation

Established U.S. Bicycle Routes designated by AASHTO appear as defined lines on the Corridor Map. For specific route information visit www.adventurecycling.org/routes/aashto.
The goal of The United States Bicycle Route System is to connect America through a network of numbered interstate bicycle routes.

NATIONAL CORRIDOR PLAN
May 2016
Georgia

“The Georgia DOT plans to build on the success of our first designation and is leading the effort to designate three other US Bike Routes that will pass through Georgia.” - Georgia DOT website

164 Miles from Chattanooga to Atlanta

Heritage loop-National Battlefield spur
Scenic loop-Lookout Mountain spur
Main Route
Two lane country roads
Silver Comet rail-to-trail
Connects to MARTA urban rail in Atlanta
TDOT Bicycle Suitability Index (pdf download) ranks roads across the state for Bicycle Level of Service.

Photograph courtesy of bikinhville.com
Maps courtesy of TDOT.gov
Arizona

572 miles
Border to border

“...shall be made in consultation with the Parks and Wildlife Commission and the Texas Economic Development and Tourism Office”

2013 Arizona Estimated Annual Economic Impact of Out-of-State Cyclists:
$30.6 million and 404 jobs
Adventures Cycling Routes in Texas

- Bicycle Route 66
- Southern Tier
- Hill Country Loop

Digital route data courtesy of Adventure Cycling Association
Photographs courtesy of Lynn Haas and andreasprag.com
Existing trails and routes
Railroad right-of-way
Country roads/highways
Military greenbelts

Texas Bicycle Route Possibilities
Northeast Texas Trail

In 1835, Davy Crockett spent two months in this trail corridor before heading to Nacogdoches and San Antonio.

130 miles
Proximity to metropolitan areas
Enthusiastic support network
Existing rights of way
Three stretches to complete
Old Texas 20

190 miles connecting Houston and Austin

2002 Route assessment and discovery “potential for a direct connection from downtown Austin to downtown Houston”

2016 “Communities are interested in exploring any tourism advantage.”
Moving the Vision Forward

“..shall maximize federal and private sources of funding for the designation, construction, improvement, maintenance, and signage of the trails and the promotion of bicycle tourism”

“..the department may contract with a statewide bicycle nonprofit organization for assistance in identifying, developing, promoting, or coordinating agreements and participation among political subdivisions of this state to advance bicycle tourism trails.”
Regional Veloweb

Facility Status
- Existing: 442 Miles
- Funded: 146 Miles
- Planned: 1,288 Miles
- Total: 1,876 Miles

Major Roads

Facility recommendations indicate transportation need. Corridors specific alignment, design, and operational characteristics for the Regional Veloweb system will be determined through ongoing project development.

March 2016
North Central Texas Council of Governments
Online version of Texas state map
DFW and NETT detail
Austin to San Antonio
Far West Texas/Big Bend
Dallas to Houston