



MEETING AGENDA

TxDOT Bicycle Advisory Committee (BAC)
 July 15, 2019 - 9:30 A.M.
 200 East Riverside Dr., Bldg. 200, Classroom D
 Austin, Texas 78704
 Teleconference Available for BAC Members

1.	Call to Order.
2.	Safety briefing.
3.	Approval of minutes from April 15, 2019, BAC meeting. (Action)
4.	Report from TxDOT's Public Transportation Division Director regarding statewide bicycle and pedestrian matters.
5.	Presentation on Bikeway Design Effort: Phase I Recommendations. (Action)
6.	Presentation on Bicycle Tourism Trails Prioritization Update. (Action)
7.	Presentation on Texas Pedestrian Safety Coalition.
8.	Brainstorm ideas for FY 20 quarterly BAC meeting agenda topics.
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: Leonard Reese, Associate General Counsel, (512) 463-8630.

MINUTES FOR ADOPTION

Bicycle Advisory Committee – Teleconference Meeting
200 E. Riverside Drive, Austin TX 78704 – Classroom D
April 15, 2019

BAC Committee Members Present and Participating:

In-Person:

Billy Hibbs, *Tyler*, Chair
Robert Gonzales, *El Paso*, Vice Chair
Karla Weaver, *Dallas/Fort Worth*
DawnElla Rust, *Nacogdoches*
David Ham, *Midland*
Jeffrey Pollack, *Corpus Christi*
Frank Rotnofsky, *Laredo*

Via telephone:

Shawn Twing, *Amarillo*
Margaret O'Brien-Nelson, *Houston*

TxDOT Present and Participating:

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)
Marty Boyd, District Adv Tran Plan Dir (ELP)

Also Present and/or Participating:

Jim Carrillo, Halff Associates
Carl Seifert, Jacobs Engineering Group
Andrew Dupuy, Rails to Trails Conservancy
Eva Garcia, Rails to Trails Conservancy

AGENDA ITEM 1: Call to Order.

Billy Hibbs began the meeting at 9:30 A.M.

AGENDA ITEM 2: Safety Briefing.

Bonnie Sherman provided a safety briefing beginning at 9:31 A.M.

AGENDA ITEM 3: Approval of Minutes from January 25, 2019 BAC Meeting (Action).

Billy Hibbs introduced this item at 9:32 A.M.

MOTION Robert Gonzales moved to approve the January 25, 2019 BAC meeting minutes.

SECOND Jeffrey Pollack seconded the motion.

The motion passed unanimously at 9:32 A.M.

AGENDA ITEM 4: Report from BAC Chair.

Chairman Hibbs delivered the BAC Chair Report at 9:33 A.M.

Chairman Hibbs spoke about House Concurrent Resolution (HCR) 64 and his presentation to the Transportation Committee in support of Texas Bicycle Tourism Trails Study.

Comments: Eric Gleason, David Ham, Robin Stallings, Shawn Twing, and Margaret O'Brien-Nelson

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 9:40 A.M.

Eric Gleason provided updates on committee vacancies, FY2019 Call for Projects, and volunteer opportunities for BAC members.

Questions/Comments: Billy Hibbs

AGENDA ITEM 6: Chair/Vice Chair elections (Action).

Eric Gleason opened this item at 9:49 A.M.

Committee members voted on Chair and Vice Chair after comments from nominees, results to be shared at end of meeting.

Comments: Karla Weaver, Robert Gonzales, Billy Hibbs, Bonnie Sherman, and Eric Gleason.

AGENDA ITEM 7: Presentation on TxDOT El Paso District's Bicycle Program Strategic Plan.

Marty Boyd and Jim Carrillo presented the item at 9:57 A.M.

Questions/Comments: Jeffrey Pollack, Karla Weaver, Frank Rotnofsky, Billy Hibbs, Eric Gleason, and Robert Gonzales.

AGENDA ITEM 8: Presentation on Bikeway Design Effort (Action).

Carl Seifert presented the item at 10:25 A.M.

No action taken at this time.

Questions/Comments: Eric Gleason and Billy Hibbs.

AGENDA ITEM 9: Presentation on Advancing Active Transportation Networks and Trails in Texas.

Andrew Dupuy and Eva Garcia presented the item at 10:44 A.M.

Questions/Comments: Karla Weaver and Billy Hibbs.

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

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

Reports from BAC Members including: Jeffrey Pollack, Bobby Gonzales, DawnElla Rust, Karla Weaver, David Ham, Shawn Twing and Frank Rotnofsky.

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

Billy Hibbs introduced Robin Stallings, BikeTexas, at 11:24 A.M. Mr. Stallings commented on legislative session.

No Comments.

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

Billy Hibbs opened this item at 11.29 P.M.

No Comments.

AGENDA ITEM 13: Adjourn. (Action)

Announcement of chair election results.

Karla Weaver elected chair.

Robert Gonzales elected vice-chair.

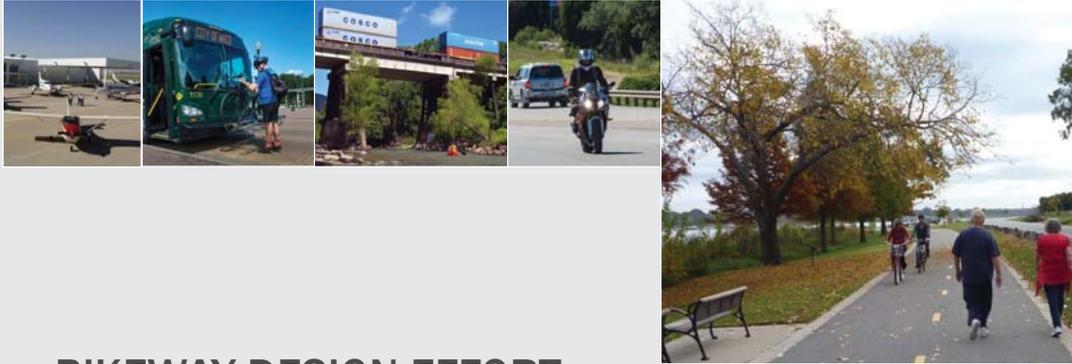
Meeting adjourned at 11:34 A.M.

Prepared by:

Approved by:

Noah Heath
Public Transportation Division

Billy Hibbs
Past Chair, Bicycle Advisory Committee



BIKEWAY DESIGN EFFORT **PHASE 1 RECOMMENDATIONS**

BAC Meeting
July 15, 2019

Presentation Agenda

1. Progress to this point
2. Phase 1: Project Development process
 - a) Project Development graphic
 - b) BAC Discussion and Concurrence (Action)
 - c) BAC Priorities Survey
3. Phase 2: Bikeway Design Guidance

Bikeway Design Effort: Overview

PHASE 1: Project Development Processes

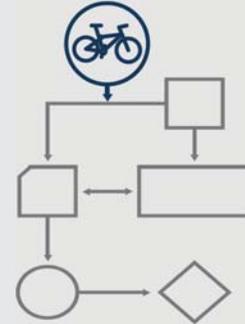
Sept 2018 – July 2019

PHASE 2: Bikeway Design Guidance

July 2019 – Fall 2020

Parallel Tasks:

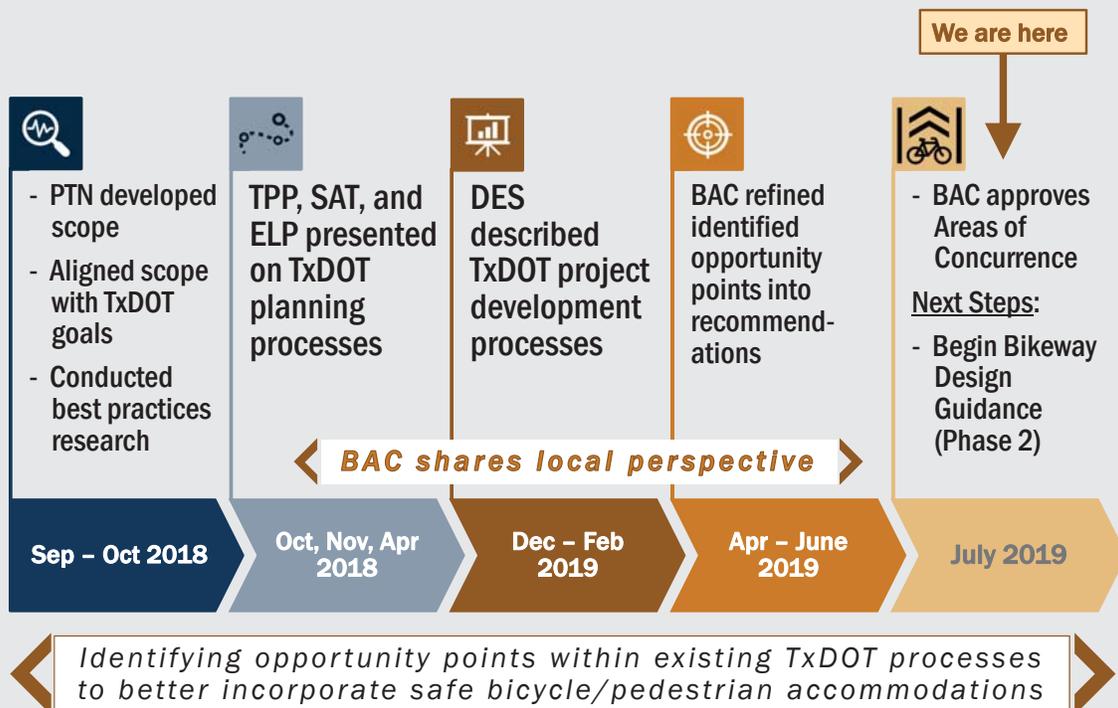
- Disseminating information
- Local government coordination



July 2019 BAC Meeting

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Phase 1: TxDOT's Project Development Processes



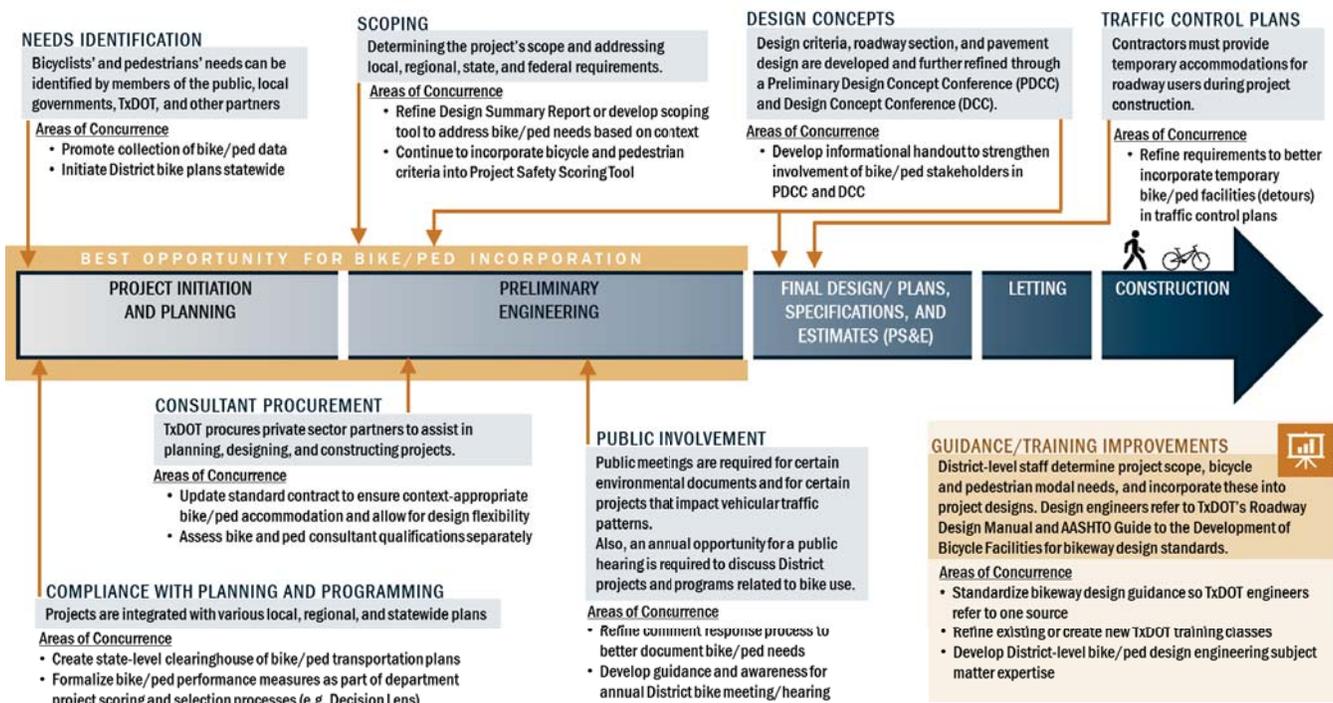
July 2019 BAC Meeting

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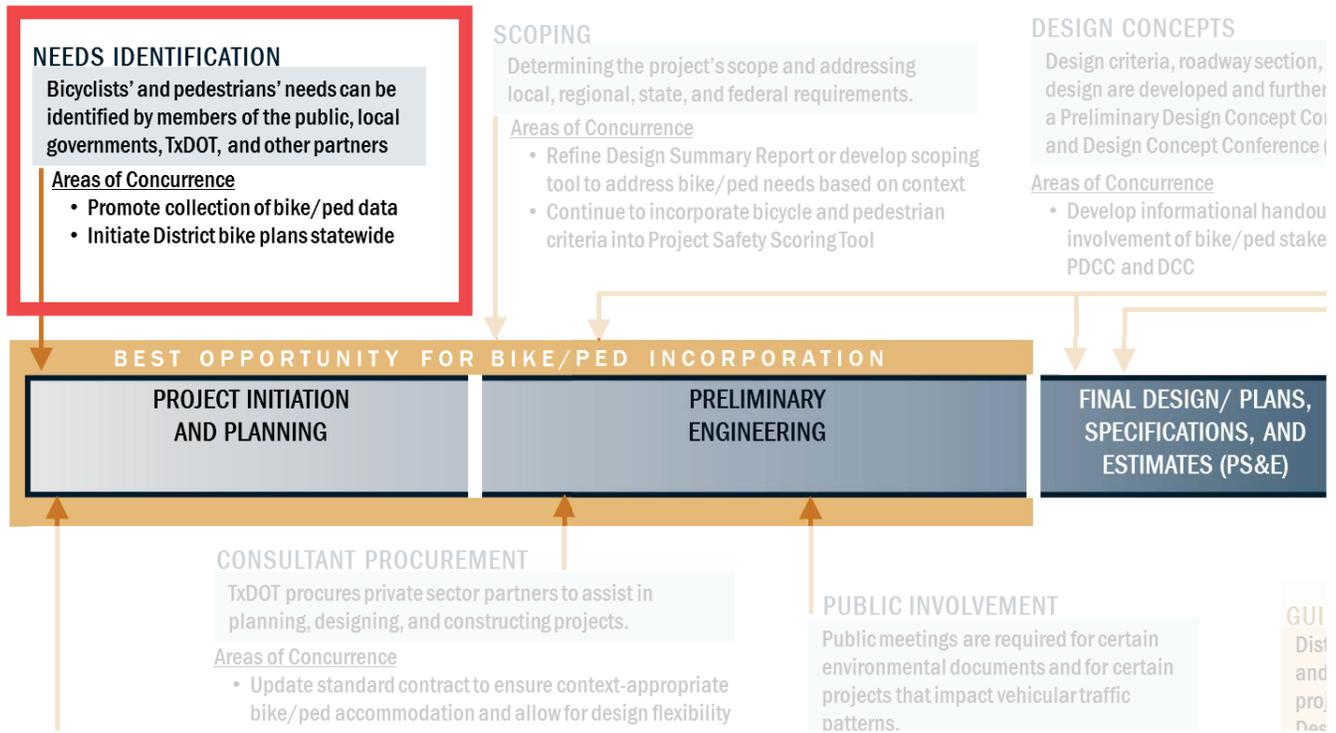
Project Development Processes



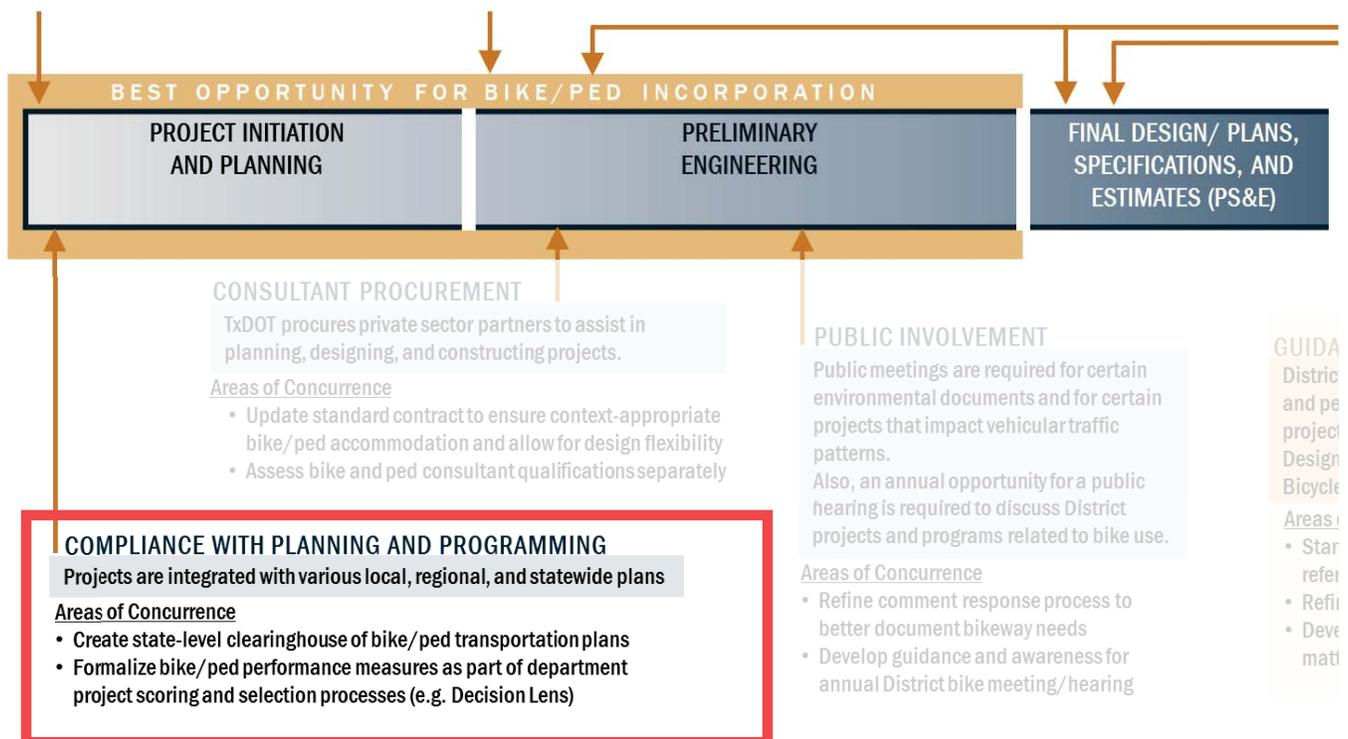
Areas of Concurrence (see handout)



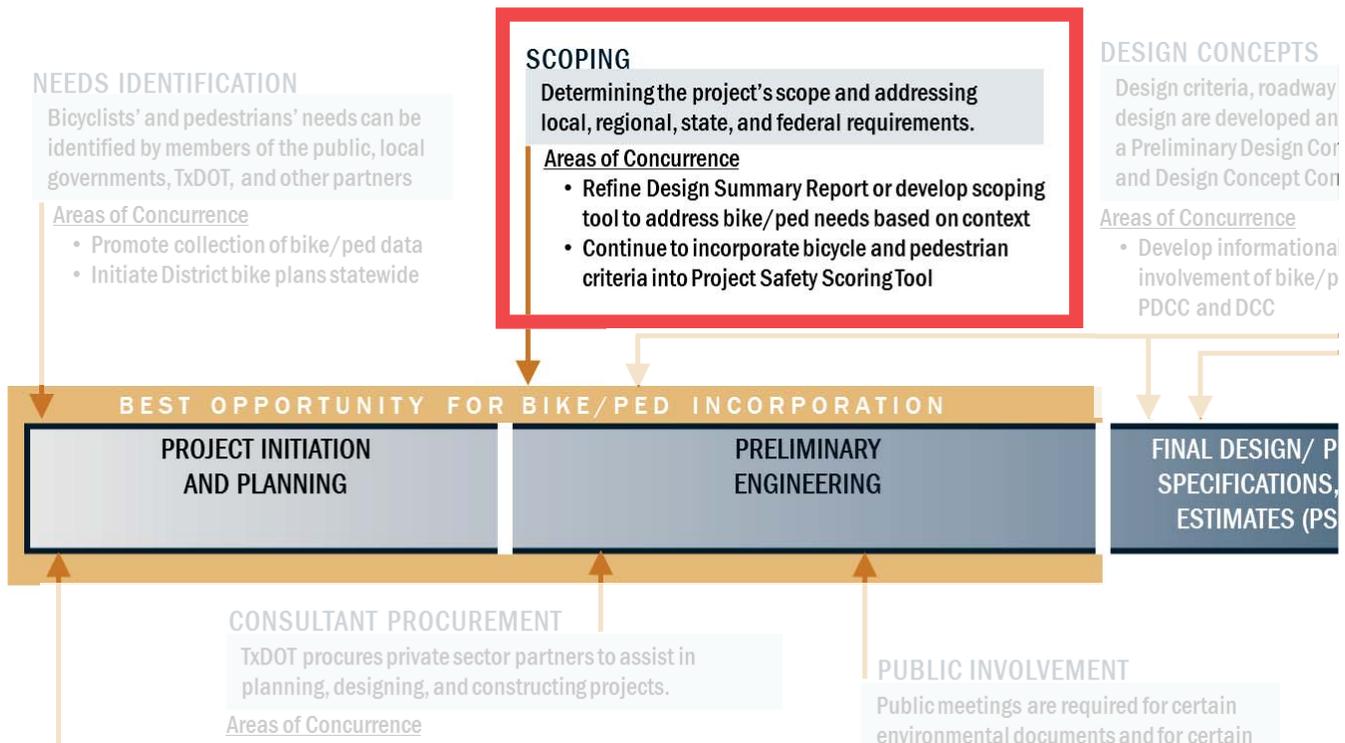
Areas of Concurrence (see handout)



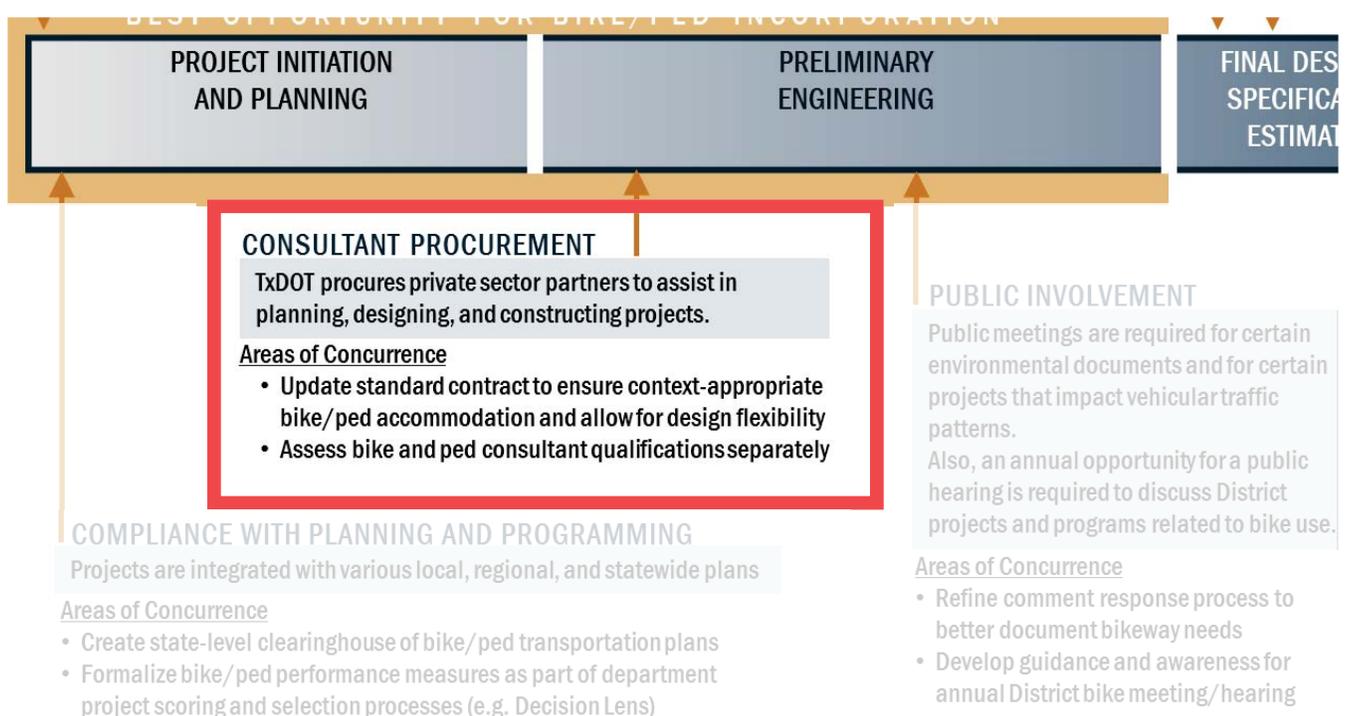
Areas of Concurrence (see handout)



Areas of Concurrence (see handout)



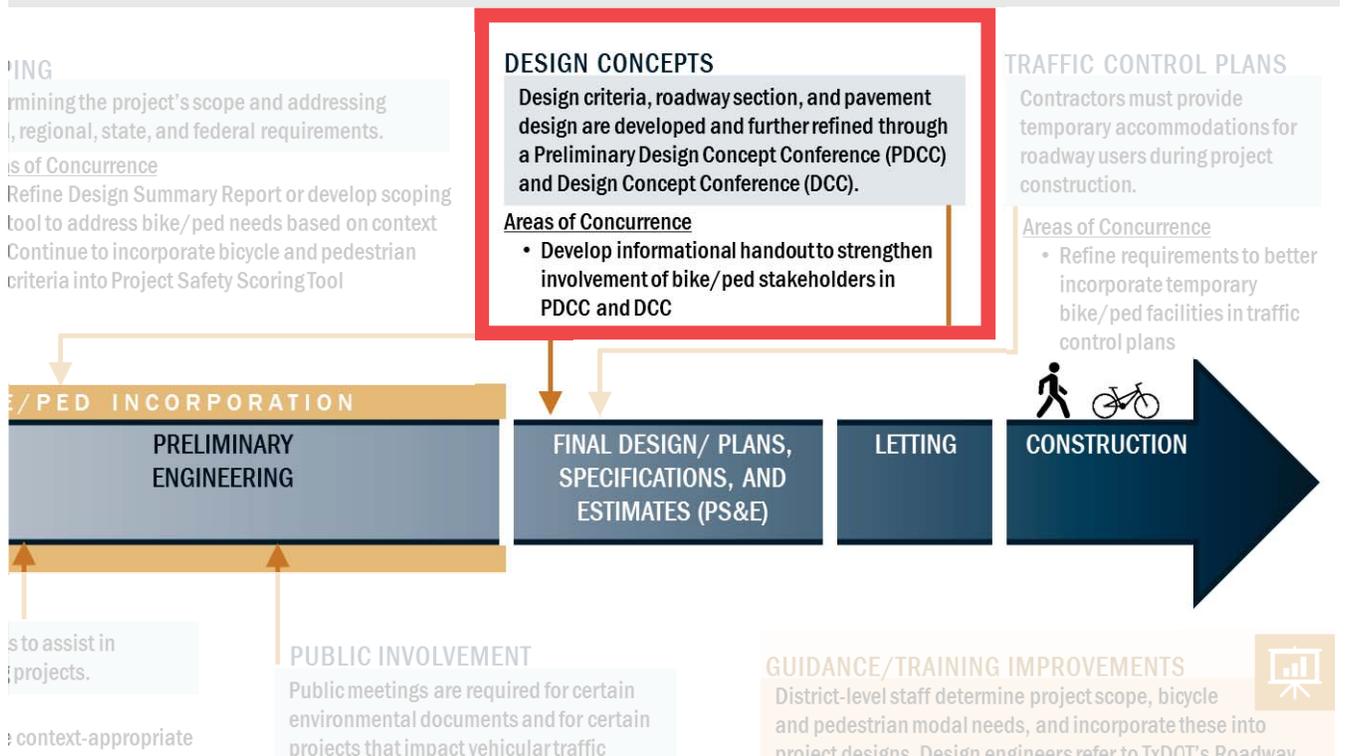
Areas of Concurrence (see handout)



Areas of Concurrence (see handout)



Areas of Concurrence (see handout)



Areas of Concurrence (see handout)

PLANNING

Determining the project's scope and addressing local, regional, state, and federal requirements.

Areas of Concurrence

- Refine Design Summary Report or develop scoping tool to address bike/ped needs based on context
- Continue to incorporate bicycle and pedestrian criteria into Project Safety Scoring Tool

DESIGN CONCEPTS

Design criteria, roadway section, and pavement design are developed and further refined through a Preliminary Design Concept Conference (PDCC) and Design Concept Conference (DCC).

Areas of Concurrence

- Develop informational handout to strengthen involvement of bike/ped stakeholders in PDCC and DCC

TRAFFIC CONTROL PLANS

Contractors must provide temporary accommodations for roadway users during project construction.

Areas of Concurrence

- Refine requirements to better incorporate temporary bike/ped facilities (detours) in traffic control plans

BICYCLE/PED INCORPORATION

PRELIMINARY ENGINEERING

FINAL DESIGN/ PLANS, SPECIFICATIONS, AND ESTIMATES (PS&E)

LETTING

CONSTRUCTION

Assists in design projects.

Provide context-appropriate guidance for design flexibility

PUBLIC INVOLVEMENT

Public meetings are required for certain environmental documents and for certain projects that impact vehicular traffic patterns.

GUIDANCE/TRAINING IMPROVEMENTS

District-level staff determine project scope, bicycle and pedestrian modal needs, and incorporate these into project designs. Design engineers refer to TxDOT's Roadway Design Manual and AASHTO Guide to the Development of Bicycle Facilities for bikeway design standards.

Areas of Concurrence (see handout)

BICYCLE/PED INCORPORATION

PRELIMINARY ENGINEERING

FINAL DESIGN/ PLANS, SPECIFICATIONS, AND ESTIMATES (PS&E)

LETTING

CONSTRUCTION

Assists in

Provide appropriate design flexibility as separately

Plans

Systems

PUBLIC INVOLVEMENT

Public meetings are required for certain environmental documents and for certain projects that impact vehicular traffic patterns. Also, an annual opportunity for a public hearing is required to discuss District projects and programs related to bike use.

Areas of Concurrence

- Refine comment response process to better document bikeway needs
- Develop guidance and awareness for annual District bike meeting/hearing

GUIDANCE/TRAINING IMPROVEMENTS

District-level staff determine project scope, bicycle and pedestrian modal needs, and incorporate these into project designs. Design engineers refer to TxDOT's Roadway Design Manual and AASHTO Guide to the Development of Bicycle Facilities for bikeway design standards.

Areas of Concurrence

- Standardize bikeway design guidance so TxDOT engineers refer to one source
- Refine existing or create new TxDOT training classes
- Develop District-level bike/ped design engineering subject matter expertise



Up-coming task: *General prioritization of Areas of Concurrence*

Goal:

To better understand general BAC priorities/level of importance attributed to Areas of Concurrence

Task:

Complete a follow-up, email survey of BAC member priorities for Areas of Concurrence

Details:

For each Area of Concurrence, BAC members will be provided a general understanding of 1) level-of-effort and 2) estimated time to complete.

Look for a survey in your email later this month!

NOTE: TxDOT-PTN must balance existing responsibilities mandated by FHWA and the Texas Transportation Commission with new ones. Agreeing on a priority level is not a promise for completion.

Working Group

- In-person meeting TODAY
 - 12:00 – 1:00 pm in this room
 - Working Group member presentations:
Local bikeway design
- August
 - Tentatively: Existing bikeway design guidance: TxDOT, FHWA, and other national sources

October 11th BAC meeting

- Phase 2 Update

Questions



Please send additional questions and comments to:

Bonnie Sherman, AICP

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

Noah Heath, AICP

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

Carl Seifert, AICP

Carl.Seifert@Jacobs.com

JACOBS



BICYCLE TOURISM TRAILS PRIORITIZATION

PUBLIC TRANSPORTATION DIVISION

JULY 2019 BAC MEETING

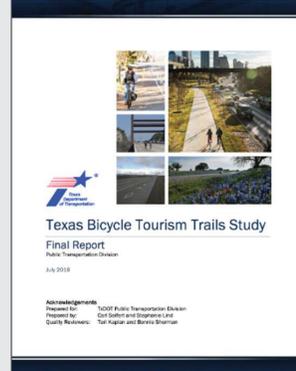
Agenda



- 1 Bicycle Tourism Trails Overview
- 2 Stakeholder Workshop
- 3 Scoring Considerations
- 4 Next Steps and Schedule



BICYCLE TOURISM TRAILS OVERVIEW



JULY 2019 BAC MEETING

The Bicycle Tourism Trails Study (BTTS)

Quantitative Criteria	Qualitative Criteria
<ul style="list-style-type: none"> • Use roads with wide shoulders, where possible • Use low volume roads, where possible • Avoid truck routes, where possible • Use lower speed roadways, where possible 	<ul style="list-style-type: none"> • Connect to national and state parks • Use existing and proposed off-road shared use paths • Have bicycle services and amenities (food, water, shelter, cell phone reception, etc.) every 40 to 60 miles • “Spine and spur” network • Use corridors that highlight natural geography, unique scenery, and/or distinctive terrain • Establish regional loops/routes of interest • Be rural/scenic in nature • Use corridors that highlight cultural or historic paths and points of interest • Use available rights-of-way within rail corridors, where possible • Use available rights-of-way within transmission line corridors, where possible

Project Overview

Project Purpose

- To develop a methodology for prioritizing construction segments of the Texas Bicycle Tourism Trails (BTT) Example Network.

1. Spatially overlay data



Bridge

Pavement

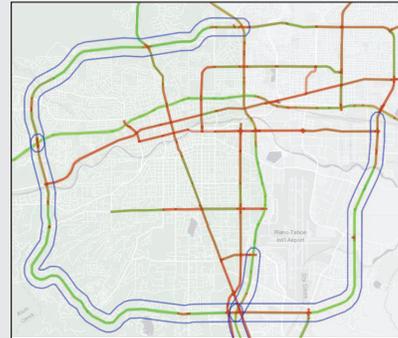
Safety

Mobility

Environment

Economic

2. Prioritize segments and target planned projects for possible scope modification



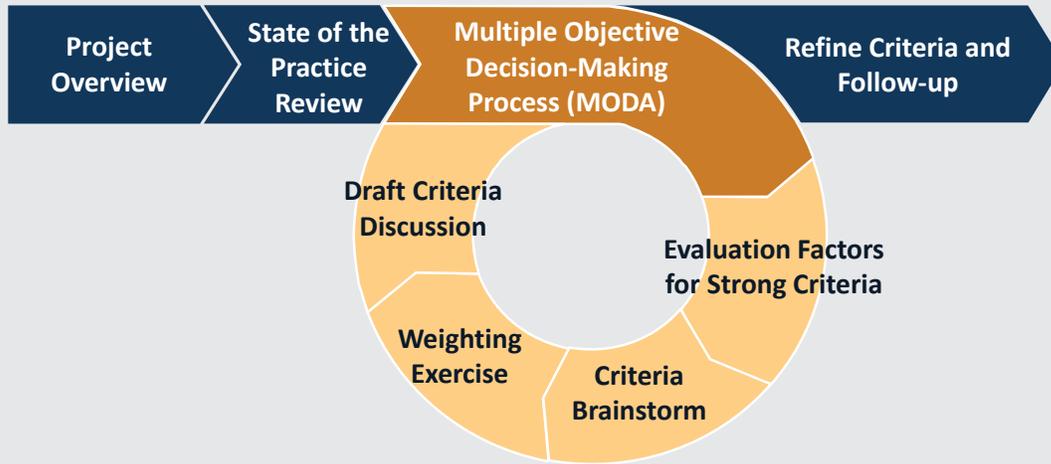
3. Develop web tool for selecting projects



STAKEHOLDER WORKSHOP FOR BTT PRIORITIZATION CRITERIA

Stakeholder Workshop: Process Overview

➔ The objective of the workshop was to identify and weight draft prioritization criteria to inform segment prioritization of a BTT network.



Stakeholder Workshop: Participating Agencies

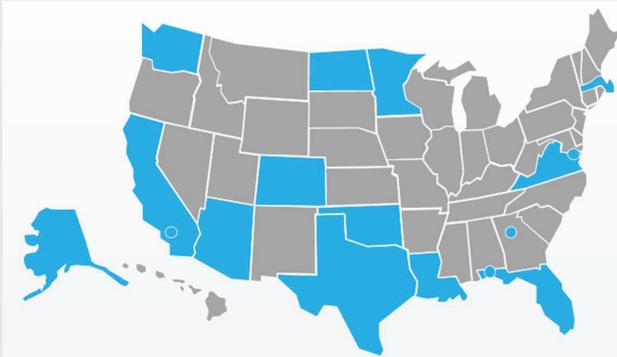
Workshop participants included TxDOT and MPO staff from around the state in addition to representatives from several bicycle and pedestrian organizations.

Participating Agencies
TxDOT Public Transportation Division
TxDOT Transportation Planning and Programming Division
Bicycle Advisory Committee
TxDOT El Paso District
TxDOT San Antonio District
TxDOT Waco District
Alamo Area Metropolitan Planning Organization
Capital Area Metropolitan Planning Organization
Corpus Christi Metropolitan Planning Organization
Houston-Galveston Area Council
North Central Texas Council of Governments
Northeast Texas Trails Coalition
Adventure Cycling
Bike Texas

Stakeholder Workshop: Criteria Research

Beyond TxDOT, the consultant team reviewed:

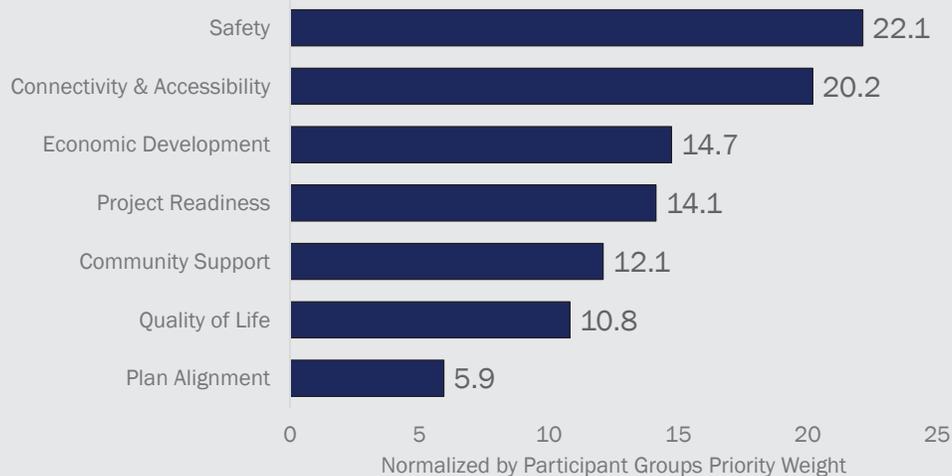
- ✓ Local and Regional Texas Bicycle and Pedestrian Plans as well as MPOs for the Atlanta, Florida-Alabama, and Southern California regions
- ✓ 12 State DOTs: AK, AZ, CA, CO, FL, LA, MA, MN, ND, OK, VA, and WA
- ✓ NCHRP Report 803: Pedestrian and Bicycle Transportation Along Existing Roads
ActiveTrans Priority Tool (APT) Guidebook
- ✓ Adventure Cycling's National Corridor Plan



Guiding TxDOT Document:
*The Strategic Direction
Report for TxDOT's
Bicycle Program*

Stakeholder Workshop: Results

Stakeholders' Draft BTT Prioritization
Criteria Category Weights



Stakeholder Workshop : Criteria and Sub-Criteria Weights

Criteria	Global Priority (Overall Weight)
Safety	22.1%
Documented (Observed) Safety Issues	8.8%
Identified (Potential) Safety Hazards	7.3%
Comfort	6.1%
Traffic	2.5%
Shoulder Width	2.7%
Directness (Number of Turns)	0.9%
Connectivity & Accessibility	20.2%
Low Hanging Fruit (Ready Segment)	13.2%
Increase in Contiguous Length of Network	9.6%
Established Demand	3.6%
Substantive Fruit (Signature Segment)	7.0%
Excitement Factor / Branding Capability	4.1%
Induced Demand (Trails of Dreams)	2.9%
Quality of Life	10.8%
Mobility Improvements	6.0%
Enhance Livability	4.8%
Economic Development	14.7%
Employment and Commercial Access	6.7%
Community/Regional Economic Development	8.0%
Community Support	12.1%
Project Readiness	14.1%
Time Sensitive	8.3%
Feasible Projects at Location	5.8%
Plan Alignment	5.9%

Stakeholder Workshop: Key Takeaways

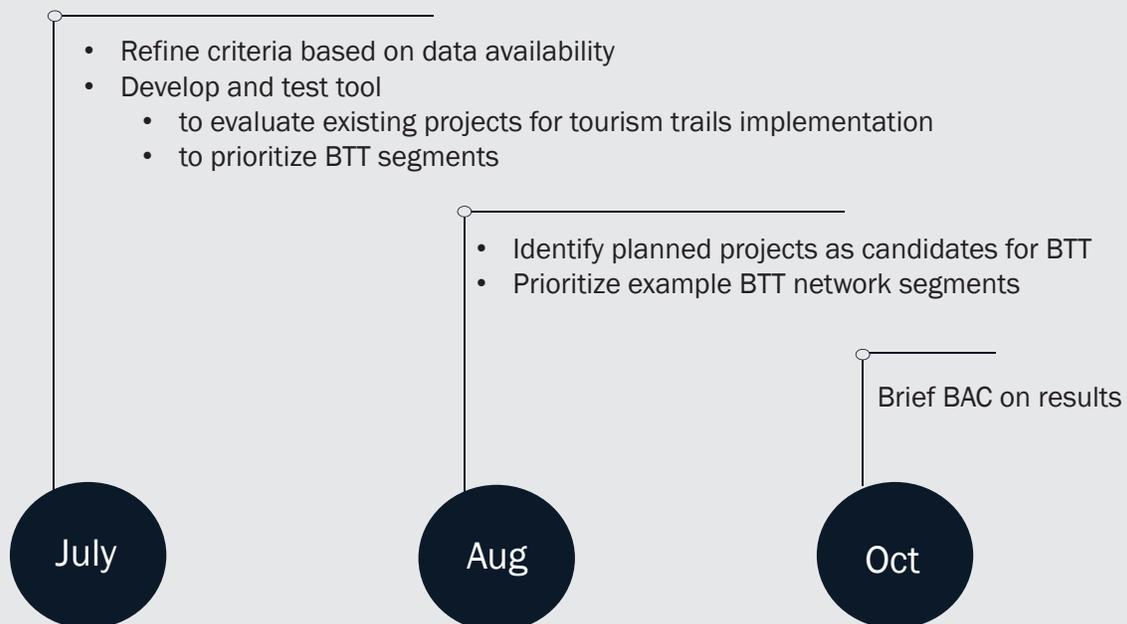
- ❖ “Low-hanging fruit” are quick-win, cost-effective projects that bridge network gaps
- ❖ “Substantive fruit” are signature segments that generate visibility and enthusiasm
- ❖ “Windows of opportunity” focus on leveraging existing roadway projects
- ❖ BTT users could be short-distance commuters, long-distance tourists, and everyone in between
- ❖ All users should feel comfortable using the future network



BTT Prioritization Project Scoring Considerations

- **Prioritization tool may provide scores for**
 - Overlap with a viable planned TxDOT project
 - Minimal cost
 - Demand
 - High need (i.e., safety issue, closes a barrier)
- **Criteria may vary based on**
 - TxDOT On-system or Off-System
 - Facility type

Next Steps





THANK YOU!
ANY QUESTIONS?

Victoria Zuber
zuber@highstreetconsulting.com



APPENDIX

Stakeholder Working Session for BTT Prioritization Criteria

Brainstormed Connectivity and Accessibility Criteria

- Low Hanging Fruit (Ready Segment)
 - Increase in Contiguous Length of Network
- Established Demand
 - Amenities connected
 - Current Bicyclist Counts
- Substantive Fruit (Signature Segment)
 - Excitement Factor / Branding Capability
 - Induced Demand (Trails of Dreams)

Brainstormed Safety Criteria

- Documented (observed) Safety Issues
- Identified (Potential) Safety Hazards
- Comfort
 - Traffic
 - Vehicle Composition
 - % RVs
 - % Truck Traffic
 - Logging Truck Route
 - Vehicle Speed
 - Shoulder Width

Stakeholder Working Session for BTT Prioritization Criteria

Brainstormed Quality of Life Criteria

- Mobility Improvements
- Enhance Livability

Brainstormed Project Readiness Criteria

- Time Sensitive
 - Overlaps with TxDOT Planned Bridge Projects
 - Overlaps with TxDOT Planned Rail Projects
- Overlaps with a planned project

Brainstormed Economic Development Criteria

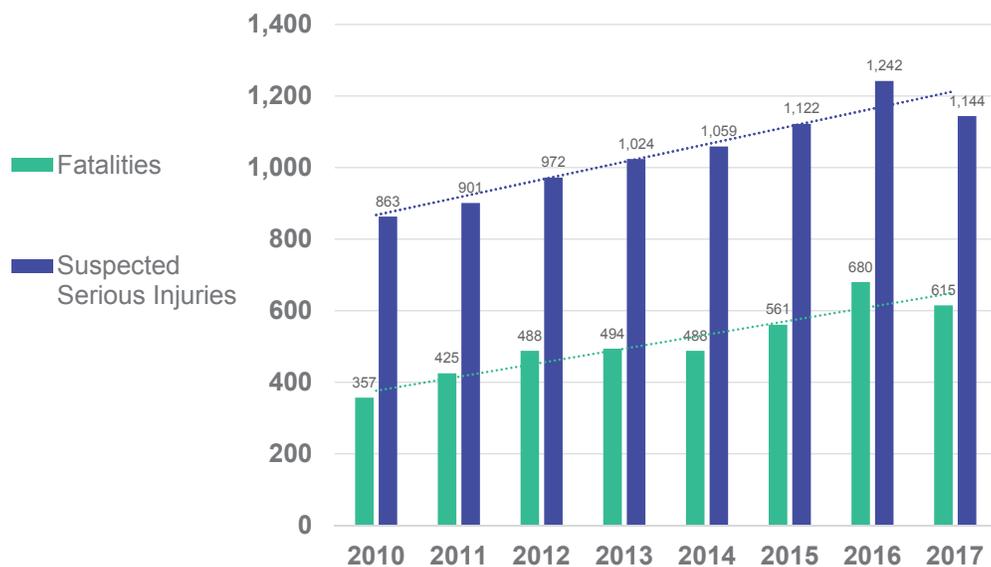
- Employment and Commercial Access
- Community/Regional Economic Development

Texas Statewide Pedestrian Safety Coalition



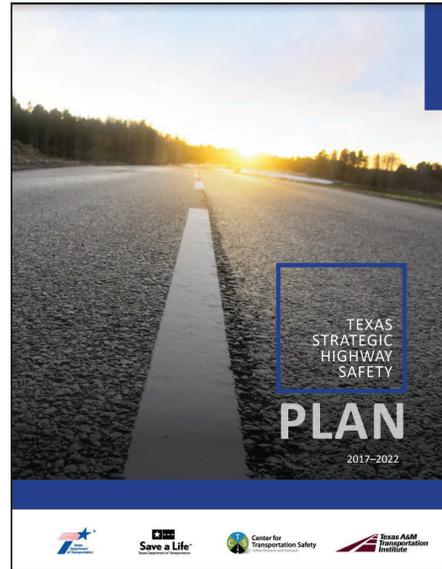
Michael Manser,
Texas A&M Transportation Institute

Pedestrian Injuries in Texas



Strategic Highway Safety Plan (SHSP)

- Plan to reduce roadway fatalities and injuries by identifying strategies, countermeasures and action plans for traffic safety Emphasis Areas (EA)
- Pedestrian Safety is an SHSP EA for 2017-2022
- Input from Pedestrian Safety EA Team led to development of Statewide Pedestrian Safety Coalition



Texas Statewide Pedestrian Safety Coalition

The goal of the Texas Statewide Pedestrian Safety Coalition (TSPSC) is to reduce pedestrian fatalities and injuries in Texas communities. The TSPSC serves as a public forum that promotes and improves pedestrian safety by identifying partnerships and opportunities for collaboration and capacity building, as well as facilitating statewide communication around statewide safety laws.

Texas Statewide Pedestrian Safety Coalition and the SHSP

- SHSP contains:
 - Prioritized strategies
 - Countermeasures
 - Action Plans
- Coalition develops/exchanges/disseminates:
 - Local project examples
 - Best practices and tools
 - Data and planning resources

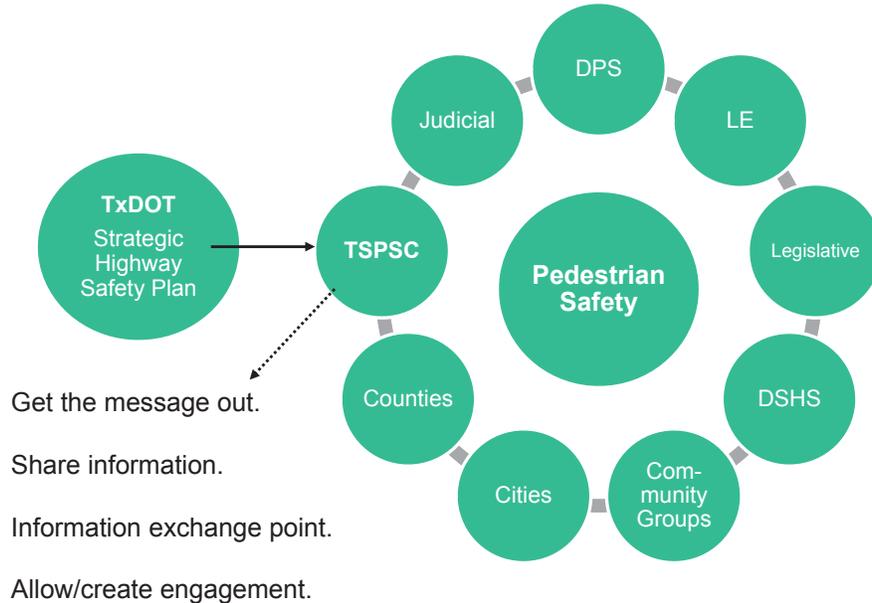


Texas Statewide Pedestrian Safety Coalition Activities

- Four coalition meetings per year
 - Meetings held virtually (WebEx)
 - SHSP updates on Pedestrian Safety EA
 - Data/resource sharing
 - Stakeholder updates
 - Presentations and discussion on range of pedestrian safety topics (e.g., policy, planning, media, enforcement).
- Statewide pedestrian safety data analysis
- Pedestrian safety countermeasure implementation plans
- Presentations to local stakeholders on pedestrian safety forum
- Pedestrian safety outreach and education materials
- Texas Statewide Pedestrian Safety Forum



Relationship to Other Pedestrian Safety Initiatives



Texas Statewide Pedestrian Safety Coalition Stakeholders

Federal Organizations:

- FHWA – TX

State Organizations:

- Texas A&M Transportation Institute
- Texas Dept. of Public Safety
- TxDOT

Regional Organizations:

- Corpus Christi MPO
- Harlingen-San Benito MPO
- Hidalgo County MPO BPAC
- Houston-Galveston Area Council
- North Central TX Council of Governments
- San Angelo MPO

Tolling Authorities:

- North Texas Tollway Authority

Transit Agencies:

- METRO - Houston
- Fort Worth Transportation Authority

Counties:

- County of El Paso
- Dallas County

Municipalities:

- City of Alton
- City of Arlington
- City of Austin
- City of Bryan
- City of Burleson
- City of Cedar Hill
- City of Corpus Christi
- City of Denton
- City of El Paso Dept. of Public Health
- City of Farmers Branch
- City of Fort Worth
- City of Houston
- City of Longview
- City of Lubbock Traffic Engineering
- City of McKinney
- City of North Richland Hills
- City of Plano
- City of Richardson
- City of San Antonio
- City of The Colony
- City of Wylie

Municipal Entities:

- El Paso Municipal Court
- El Paso PD
- Fort Worth Safe Communities Coalition

Municipal Entities (continued):

- Harris County Public Health
- Houston Health Dept.

Nonprofit Organizations:

- Alamo Area MPO
- Bike Austin & America Walks
- Brazos Valley Injury Prevention Coalition
- Citizens' Transportation Coalition – Houston
- LINK Houston
- MD Anderson
- Safe Kids Austin / El Paso / Greater Dallas / San Angelo / San Antonio
- Safe Routes to School - Fort Worth
- Safety Town - Frisco
- TAMU HSC
- Texas Children's Hospital
- Walk Austin
- Vision Zero ATX

Private Companies:

- Freese and Nichols
- Lee Engineering



Texas Statewide Pedestrian Safety Forum

Thursday, August 22, 2019, 8:30 a.m. to 4:00 p.m.

Norris Conference Center, Austin

- Opportunity for networking, capacity building, and collaboration among diverse pedestrian safety stakeholders in Texas
- Learn about the range of pedestrian safety work being conducted at the state, regional and local level
- Ample opportunity for in-depth discussion and knowledge exchange



Texas Statewide Pedestrian Safety Forum

Breakout Session Topics:

- Considering the tradeoffs when implementing safe pedestrian facilities
- Pedestrian safety law enforcement training
- Context sensitive pedestrian safety countermeasures and design
- Equity, social justice and pedestrian safety
- Planning for pedestrian safety
- Case studies on how cities are using data to improve pedestrian safety
- Pedestrian safety and transportation policy
- Implications of zero-death initiatives on pedestrian safety
- Perceptions and reality: bridging the communication gap around pedestrian safety



Future of Texas Statewide Pedestrian Safety Coalition

- Project is funded for FY2019-2020
- Enhanced focus on coalition meetings
 - Improve interactivity of virtual meetings
 - Report out from discussion/peer exchange from forum will identify topics for presentations and areas of interest for deep dives
 - Continual stakeholder improvement to determine how we can continue to grow as a resource
 - Continue to improve interaction, alignment with other coalitions throughout Texas (e.g., BAC, Crossroads Coalition, etc.)
- Development of Texas State Pedestrian Safety Clearinghouse

