

TEXAS DEPARTMENT OF TRANSPORTATION















DISTRICT BICYCLE PROGRAM

TxDOT Dallas-District Public Hearing

Bicycle Use on the State Highway System



Public Hearing Agenda

- 1 Introduction
 - Sandra J. Williams
 Environmental Specialist
 Dallas District Bicycle and Pedestrian Coordinator
- 2 State Bicycle Program
 - Teri Kaplan
 Statewide Bicycle and Pedestrian Coordinator
 TxDOT Transportation Alternatives Program (TAP) Program Manager
- 3 Regional Bicycle Programs and Projects
 - Kevin Kokes, AICP, LEED AP BD+C
 Principal Transportation Planner
- 4 District Bicycle Program
 - Sandra J. Williams
- 5 10-minute Recess
- Opportunity for Public Comment
 Sandra J. Williams

Purpose of the Public Hearing

The purpose of the public hearing is to provide information on bicycle TxDOT Dallas District plans and programs & to receive public comments.



Planning and Designing Bicycle Facilities

Connectivity

- Bicycle Master Plan
 - Adopted by City Council, Regional MPO, local commission, and/or Texas
 Transportation Commission

 Generally identifies preferred bicycle route(s), potential deficiencies, and future planned bicycle facilities

Standards and Guidelines

- State Law Texas Transportation Code
- AASHTO
 - Guide for the Development of Bicycle Facilities (2012)
- TxMUTCD (2011)
 - Pavement Markings and Signage



Texas Transportation Code, Title 7, Subtitle C

SUBCHAPTER B. REGULATION OF OPERATION

Sec. 551.101. RIGHTS AND DUTIES.

- (a) A person operating a bicycle has the rights and duties applicable to a driver operating a vehicle under this subtitle, unless:
- (1) a provision of this chapter alters a right or duty; or
- (2) a right or duty applicable to a driver operating a vehicle cannot by its nature apply to a person operating a bicycle.
- (b) A parent of a child or a guardian of a ward may not knowingly permit the child or ward to violate this subtitle.

Texas Transportation Code, Title 7, Subtitle C - continued

Sec. 551.103. OPERATION ON ROADWAY.

- (a) Except as provided by Subsection (b), a person operating a bicycle on a roadway who is moving slower than the other traffic on the roadway shall ride as near as practicable to the right curb or edge of the roadway, unless:
- (1) the person is passing another vehicle moving in the same direction;
- (2) the person is preparing to turn left at an intersection or onto a private road or driveway;
- (3) a condition on or of the roadway, including a fixed or moving object, parked or moving vehicle, pedestrian, animal, or surface hazard prevents the person from safely riding next to the right curb or edge of the roadway; or
- (4) the person is operating a bicycle in an outside lane that is:
- (A) less than 14 feet in width and does not have a designated bicycle lane adjacent to that lane; or
- (B) too narrow for a bicycle and a motor vehicle to safely travel side by side.

TxDOT's Policy

Guidelines Emphasizing Bicycle & Ped. Accommodations

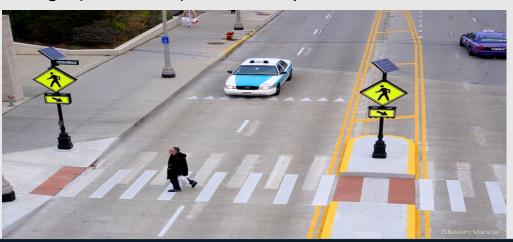
- Construction projects within existing right-of-way and where scope of work is limited to existing typical cross section:
 - Remove barriers to better accommodate bicyclist and pedestrians.
 - As part of resurfacing, restripe a roadway project to provide a 14 foot outside lane wherever practical.
- Construction projects within existing right-of-way and where scope of work involves pavement widening:
 - Provide 14-foot-wide outside lane or 5-foot-wide designated bicycle lane.
 - Provide ADA compliant sidewalks and curb ramps.



TxDOT's Policy - continued

Full Reconstruction / New Projects

- New ROW acquired
- Follow TxDOT Roadway Design Manual and AASHTO Bicycle
 Guide:
 - 14-foot-wide outside lane or 5-foot-wide designated bicycle lane.
 - Pedestrian accommodations designed to meet TAS / ADAAG requirements.
 - 6 foot median width for pedestrian refuge (PROWAG), wherever possible.



AASHTO Bicycle Guide (2012)

- Consider bicycle accommodations in the planning phase
 - Off-Street Bicycle Accommodations
 - Shared use path (10 foot minimum, 12'ft preferred)
 - Often referred to as sidepath when adjacent to roadway

On-Street Bicycle Accommodations

- Shared lane/ Wide outside lane
- Paved Shoulders (Width varies 4'ft minimum, 6'ft to 12' ft. minimum)
 - Shoulders may be striped as a designated bike lane
- Bike lanes
 - Buffered bike lane
- Cycle Tracks
 - Barrier separated
 - Exclusive use by bicyclist
 - Sidewalk use by pedestrian



NACTO Urban Bikeway Design Guide

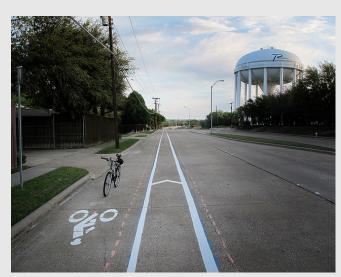
Cycle Tracks ("Barrier Separated Bikeway")

- Exclusive Bicycle Facility :
 - One-way protected cycle tracks
 - Raised Cycle Tracks ("Separated Bikeway")
 - ➤ May be adjacent to sidewalk
 - Two-way cycle tracks ("Separated Bikeway")
 - ➤ Consider operational issues at intersections and driveways

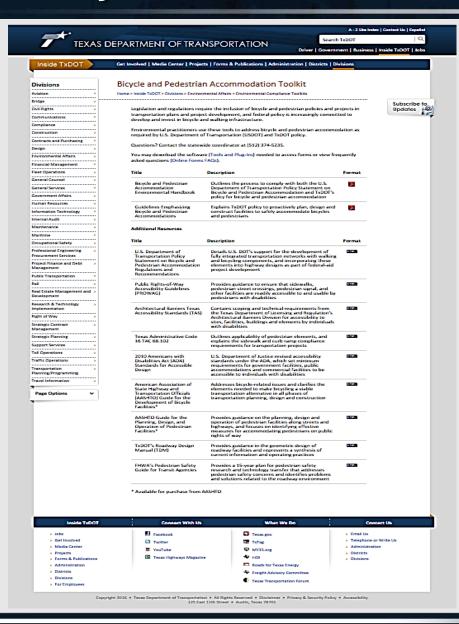
Buffered Bike Lanes

 Provide separation from adjacent travel lane and/or parking lane





Bicycle and Pedestrian Accommodation Toolkit



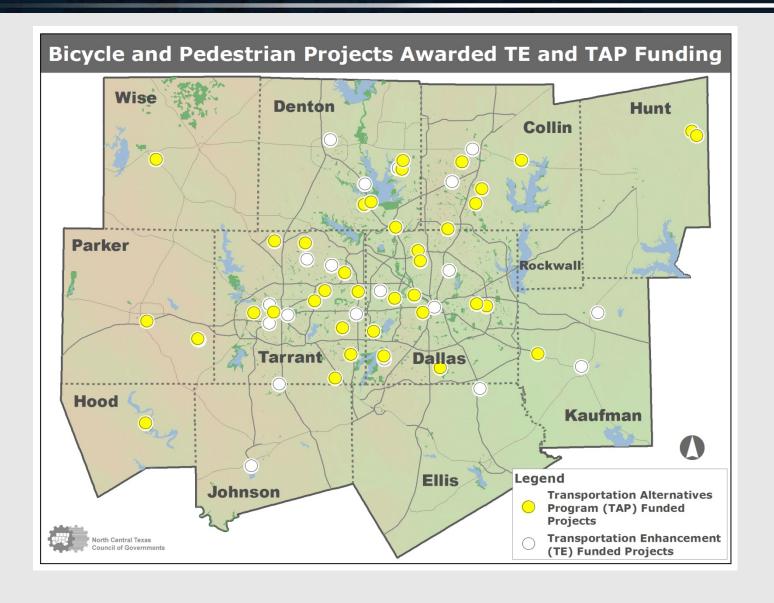
You can access the Bicycle and Pedestrian Accommodation Toolkit at:

http://www.txdot.gov/insidetxdot/division/environmental/compliancetoolkits/bicycle-pedestrian.html

OR

Type in "Environmental Compliance
Toolkit" in Google and click on "Bicycle
and Pedestrian Accommodation"

Bicycle and Pedestrian Projects Awarded TE / TAP Funding



Current Status of Dallas District Transportation Alternatives Program (TAP) Projects – June 1st, 2016

Cty/CSJ #:	<u>Agency</u>	Project Name	Construction	Federal Funding
Collin Co:				
0918-24-212	NCTCOG	Pedestrian Improvements - City of Allen	May-17	\$141,680.00
0918-24-213	NCTCOG	School Ped Safety Enh - McKinney	May-17	\$490,699.00
0918-24-214	NCTCOG	Cottonwood Creek Trail Ext City of Plano		\$1,692,407.00
0918-24-215	NCTCOG	Safe Routes to School - City of Princeton		\$440,000.00
0918-24-216	NCTCOG	University Trail Phase II - City of Richardson	May-17	\$588,378.00
Dallas Co: Eas	st/West			
0918-47-136	NCTCOG	FM 1382 Hike and Bike Trail-Phase II – City of Cedar Hill	May-17	\$2,999,966.00
0918-47-137	NCTCOG	Northaven Trail - Dallas County May-17		\$2,519,928.00
0918-47-138	NCTCOG	Rosemont Safe Rt. to School-City of Dallas		\$80,000.00
0918-47-139	NCTCOG	TrinitySkyline Trail - City of Dallas	May-17	\$2,989,994.00
0918-47-140	NCTCOG	Brookhaven College Campus intercity	May-17	\$510,750.00
		Connections - City of Farmers Branch		
0918-47-141	NCTCOG	Safe Routes to School - Grand Prairie	May-17	\$390,683.00
0918-47-142	NCTCOG	Delaware Creek Trail Con City of Irving	Jun-19	\$1,900,000.00
0918-47-143	NCTCOG	Military Parkway Trail - City of Mesquite May-17		\$1,950,351.00
0918-47-144	NCTCOG	Skyline Trail - City of Mesquite May-17		\$400,000.00
0918-47-165	TxDOT	Pleasant Run Road Trail - Dallas County	Aug-17	\$2,364,904.00
Denton Co.:				
0918-46-282	NCTCOG	Dudley Branch Trail - City of Carrollton	May-17	\$3,000,008.00
0918-46-283	NCTCOG	Garden Ridge Trail - City of Lewisville	May-17	\$1,518,355.00
0918-46-284	NCTCOG	Brent Elem School Trail - Town of Little Elm	May-17	\$195,000.00
0918-46-285	NCTCOG	Harts Branch Trail - Town of Little Elm	May-17	\$1,720,000.00
0918-46-292	TxDOT	A-Train Bike & Ped Trail Eagle Point -DCTA	Aug-17	\$2,396,699.00
Ellis/Navarro (
0918-18-132	TxDOT	Safe Route Sidewalks-Humphrey - City of Kerens	Aug-18	\$601,242
Kaufman/Rock				A 400 000
0918-11-094	TxDOT	Crandall Safe Routes to School 2015 - City of Crandall	Aug-18	\$489,878

TAP Funded Projects: Dallas District

Location	Project Name	Project Description
	Pedestrian Improvements to Olsen	Sidewalk improvements to complete gaps and provide improved
Allen	and Beverly Elementary Schools	access to Olsen and Beverly Elementary Schools.
		Approximately 2.1 miles of shared-use path from North
Carrollton	Dudley Branch Trail	Carrollton/Frankford DART Station to West Rosemeade Parkway.
Cedar Hill	FM 1382 Hike and Bike Trail (Phase 2)	Approximately 2 miles of shared-use path along FM 1382 from Cedar Hill State Park entrance north to Joe Pool Lake Overlook entrance.
	(**************************************	Sidewalks along Trinity Rd from Angelina Dr to Martin Elementary;
		along Meadowcreek Dr from Creekside Dr, to 1St St for Wilson
Crandall	Crandall Safe Routes to School 2015	Elementary; and Along Lewis St (FM 3039) from 1St St to Crandall Middle School.
Cianuan	Clandali Sale Routes to School 2013	Whate School.
Dallas		Approximately 4 miles of shared-use path from Midway Road to
County	Northaven Trail - Phases 2B and 2C	Denton Drive.
Dallas		Construct 3.1 mile long shared-use path on the south side of Pleasant
County	Pleasant Run Road Trail	Run Road
,		Preliminary engineering for various safe street pedestrian and
		bikeway improvements including traffic calming measures in the
		Rosemont neighborhood generally bounded by Kessler Parkway on
		the north, Cedar Hill Avenue on the east, West 12th Street on the
Dallas	Rosemont Safe Routes to School Pilot	south, and Mary Cliff Road on the west.

TAP Funded Projects: Dallas District - continued

Location	Project Name	Project Description
		Approximately 4.7 miles of shared-use path along the Trinity
		River from Sylvan Avenue west to the Campion Trail in Irving on
Dallas	Trinity Skyline Trail Extension	the north side of SH 356.
Denton County		
Transportation		
Authority	A-Train Bike and Pedestrian Trail – Eagle	Construction of approx. 2.5 mile section of A-Train Rail Trail
(DCTA)	Point Section	(Eagle Point Section)
		Pedestrian bridge and sidewalk along Marsh Lane and
		approximately 0.25 mile of on-street bikeway improvements on
		Rosser Road from IH 635 to Valley View Lane, including signal
Farmers	Brookhaven College Campus - Intercity	improvements at the Rosser Road/Valley View Lane
Branch	Connections	intersection.
		Sidewalk improvements in various locations in proximity to
		Lorenzo de Zavala Environmental Science Academy, Jackson
		Middle School, South Grand Prairie 9th Grade Center, Johnson
		DAEP, Safe Side City (Child Safety Instruction "Town"), South
	Citywide Safe Routes to Schools	Grand Prairie High School, Florence Hill Elementary, Moseley
Grand Prairie	Improvements	Elementary, and Truman Middle Schools.
		Approximately 2.25 miles of shared-use path extension from
		the existing Delaware Creek Trail near the intersection of
		Senter Road/Senter Valley Road to the Campion Trail in
Irving	Delaware Creek Trail Connector	Mountain Creek Preserve.

TAP Funded Projects: Dallas District - continued

Location	Project Name	Project Description
		Approximately 4.2 miles of shared-use paths, sidewalk, and on-street
		bike lanes from the North Garden Ridge Boulevard interchange at IH
Lewisville	Garden Ridge Trail	35E southward to North Valley Parkway and West Main Street.
	Brent Elementary School Trail	Approximately 0.5 mile of sidewalk from Witt Road westward around
Little Elm	Connection	Brent Elementary School to the future Lakefront Trail.
		Approximately 1.51 miles of shared-use path from East Eldorado
Little Elm	Harts Branch Trail	Parkway to Walker Lane.
		Sidewalk improvements in various locations in proximity to Burks
		Elementary, Caldwell Elementary, Eddins Elementary, Glen Oaks
		Elementary, Johnson Elementary, McNeil Elementary, Cockrill Middle,
	School Pedestrian Safety	Comstock Elementary, Ogle Elementary, Scott Elementary, Sonntag
McKinney	Enhancement	Elementary, and Scoggins Middle Schools.
		Approximately 1.57 miles of shared-use path along Military Parkway
Mesquite	Military Parkway Trail	from Sam Houston Road to Rodeo Center Boulevard.
		Shared-use path along South Town East Boulevard from Military
Mesquite	Skyline Trail	Parkway to Skyline Boulevard.
		Approximately 1.9 miles of shared-use path extension along
		Cottonwood Creek from the north side of Chaparral Road to Oak Point
Plano	Cottonwood Creek Trail Extension	Park near East Parker Road.

TAP Funded Projects: Dallas District - continued

Location	Project Name	Project Description
		Approximately 0.7 mile of sidewalk along the north side of College Avenue from
		Community Park to North Second Street, along the north side of McKinney
		Avenue from North Fourth Street to North Sixth Street, and along the west side of
Princeton	Safe Routes to Schools	North Sixth Street (FM 1377) to East Willow Lane.
		Approximately 1 mile of shared-use path along the east side of Waterview
		Parkway from Drive A to Synergy Park Drive, and portions of the south side of
Richardson	University Trail Phase II	Synergy Park Drive from Waterview Parkway to North Floyd Road.

Current Status of Dallas District State Transportation Enhancement Program (STEP) Projects June 1st, 2016

Cty/CSJ#	<u>TE#</u>	Project Name	Env Clearance Date	Construction	Federal Funding
Collin Co:					
0918-24-203	STP 2014 (149) TE	On Street Bicycle Treats - McKinney	Pending	Aug-16	\$200,000.00
0918-24-204	STP 2014 (157) TE	Three Cities Trail - Frisco	10/2/2015	Aug-16	\$516,852.00
Dallas Co. East/West:					
0918-45-897	STP 2011 (219) TE	Lake Ridge Pkwy Sidewalks - Cedar Hill	6/29/2012	Aug-12	\$2,058,462.00
0918-47-097	STP 2014 (156) TE	FM 1382 Hike and Bike Trail - Cedar Hill	4/15/2016	Aug-16	\$2,768,137.00
0918-47-098	STP 2014 (150) TE	Velo/So Pac Phase 4A - Dallas County	7/9/2015	Aug-16	\$3,009,217.00
0918-47-099	STP 2014 (094) TE	Rock Island Bike & Ped Facility - Irving	3/29/2016	Aug-16	\$2,070,000.00
1068-04-161	STP 2014 (155) TE	Coombs Creek - City of Dallas	3/28/2014	Mar-13	\$2,000,000.00
0918-45-861	STP 94 (187) TE	McKinney Trolley Phase 2 Extension		Jul-10	\$1,700,000.00
0918-45-898	STP 2011 (220) TE	Traffic Contr Treatments - City of Dallas	1/27/2014	Jun-14	\$709,773.00
Denton Co.:					
0918-46-258	STP 2011 (221) TE	Denton-A-Train Enhancements - Denton	7/9/2013	Mar-14	\$501,422.00
0918-46-259	STP 2011 (222) TE	Lewisville Bicycle Facility - DCTA	3/31/2014	Jul-14	\$2,791,516.00
0918-46-271	STP 2014 (124) TE	Town Center/Beard - Little Elm	Pending	Aug-16	\$1,166,882.00
0918-46-272	STP 2014 (158) TE	Phase Three A-Train Rail Trail - DCTA	Pending	Aug-16	\$1,984,900.00
0918-46-273	STP 2014 (105) TE	Evers Park Bridge & Trail - Denton	Pending	Aug-16	\$1,341,617.00
Ellis/Navarro Co:					
0918-22-152	STP 2014 (088) TE	Yellowjacket Multi-Use Trail - Ferris		Aug-16	\$408,425.00
Kaufman/Rockwall Co.:					
0918-11-085	STP 2014 (087) TE	Terrell Pedestrian Imprvts - Terrell	3/29/2016	Aug-16	\$373,858.00
0173-10-001	STP 2014 (087) TE	SH 34- Continuous illumination - Terrell	7/10/2015	Nov-15	\$450,660.00
0918-11-086	STP 2014 (110) TE	Kaufman DowntownTransp Imprvts	Pending	Aug-16	\$390,900.00
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TE Funded Projects: Dallas District

Location	Project Name	Project Description
		Approximate 1.3-mile shared use path along FM 1382 from New Clark Road
		to the Cedar Hill State Park entrance. Improvements include a 12-foot-wide
Cedar Hill	FM 1382 Hike and Bike Trail	path, landscaping, and pedestrian amenities.
		Transportation Enhancement funds will assist with project costs for the IH-30
		bicycle and pedestrian facilities to be constructed with the Dallas Horseshoe
Dallas	Coombs Creek Trail Extension	project.
		Approximate 3-mile trail loop from Evers Park northward to Hercules Lane
		westward to Nicosia Street and the UNT Discovery campus with connections
		to the athletic complex and the existing Wildflower/Bird Trail near Riney
	Evers Park Bridge and Trail	Road. Improvements include a 12-foot-wide shared use path, pedestrian
Denton	Project	bridge, and signalized crossing on SH 77.
		Approximate 1/2-mile trail from the IH 45 northbound frontage road
		eastward along the south side of FM 660 to Ferris Junior High School.
		Improvements include 10-foot-wide shared use path, crosswalks, and
Ferris	Yellowjacket Multi-Use Trail	signage.
		Approximate 1/2-mile extension of the Three Cities Trail from Limestone
		Quarry Park southward under Sam Rayburn Tollway (SH 121) to Custer Road.
		Improvements include a 12-foot wide shared use path, landscaping, signage,
Frisco	Three Cities Trail	and pedestrian amenities.

TE Funded Projects: Dallas District - continued

Location	Project Name	Project Description
		Approximate 2.25-mile bicycle and pedestrian facility along the Trinity
		Railway Express (TRE) railroad right-of-way from West Irving TRE Station to
	Rock Island Bike and	Irby Lane. Improvements include a 12-foot-wide shared use path, lighting,
Irving	Pedestrian Facility	and landscaping.
		Sidewalk improvements around the Kaufman downtown square and along
	Downtown Transportation	SH 243. Improvements include replacement of sidewalks, curb ramps,
Kaufman	Improvement Project	railings, and installation of pedestrian signals, and landscape amenities.
		Approximate 4.5-mile extension of an existing trail around the north side of
		Lake Lewisville from Beard Park (FM 720 and Main Street) east to Witt Road.
	Town Center/Beard Park to	Improvements include a 12-foot-wide shared use path, pedestrian bridges,
Little Elm	Witt Road Trail Project	and signage.
		Installation of on-street bicycle route signage and markings on various
McKinney	On-Street Bicycle Treatments	boulevards throughout the city.
		Installation of pedestrian facilities along SH 34 from College Street to Rose
	Pedestrian Improvements	Street; and along West Grove Street from Bowser Street to Rockwall Street.
	along SH 34 and West Grove	Improvements include lighting along SH 34 and sidewalks and curbs along
Terrell	Street	W. Grove St.

TE Funded Projects: Dallas District - continued

Location	Project Name	Project Description
		Approximate 2.5-mile trail extension from the north end of the Katy Trail
		(Phase IV) at Northwest Highway northward along DART right-of-way to
	VeloWay/SoPac	Greenville Avenue. Improvements include a 14-foot-wide shared use path,
Dallas County	Phase 4 A	landscaping, signage, trailheads, and pedestrian amenities.
Denton County		Approximate 1.5-mile extension of the A-train Rail Trail along railroad right-
Transportation		of-way from Swisher Road in Lake Dallas south to Kelton Road in Hickory
Authority	Phase Three A-train Rail	Creek. Improvements include a 10-foot-wide shared use path, landscaping
(DCTA)	Trail	and signage.

TxDOT - Dallas District Staff

- Sandra Williams, Environmental Specialist, Advanced Project Development (DAL)
 - TxDOT Dallas District Bicycle and Pedestrian Coordinator
 - sandra.williams2@txdot.gov
- Godfrey Sendawula, Transportation Specialist, Advanced Project Development (DAL)
 - TxDOT Dallas District Transportation Enhancement Coordinator
 - TxDOT Dallas District Transportation Alternatives Program Coordinator
 - Godfrey.sendawula@txdot.gov
- Maher Ghanayem, P.E., Project Manager Project Delivery (DAL)
 - TxDOT Dallas District Transportation Alternatives Program Project Engineering Manager
 - Maher.ghanayem@txdot.gov



10 minute recess Comment period following recess

Recess 10 Minutes

Public Hearing Comment Period

Please understand that we are not able to respond to your comments at this time.

All comments will be fully considered and addressed in the public hearing summary report.

Public Comments

Mailing Address

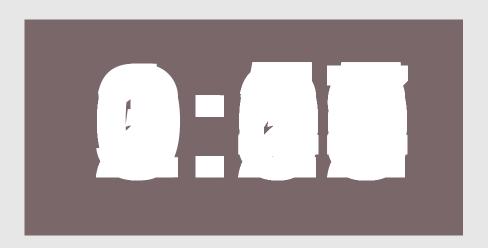
TxDOT - Dallas District / APD
Attn: Sandra J Williams
4777 E. Highway 80
Mesquite, Texas 75150-6643

- Written Comments must be post-marked by Friday, July 1st, 2016
- http://www.keepitmovingdallas.com under "Upcoming Public Hearing/Meeting"; and,
- http://www.txdot.gov/inside-txdot/getinvolved/about/hearings-meetings.html under "Inside TxDOT Hearings and Meetings Schedule".

So that everyone may speak, your comments will be limited to three (3) minutes

Public Comment

 So that everyone may speak, please limit your comments to three (3) minutes



Thank you for your interest and input!



Texas Department of Transportation