



TEXAS DEPARTMENT OF TRANSPORTATION



BICYCLE POLICIES AND PROJECTS

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Bicycle and Pedestrian Coordinators



Planning and Designing Bikeways

- Connectivity
 - Bicycle Master Plan
 - State, city, and/or county bicycle master plan
 - Work with local governments
 - Identifies preferred bike route(s), deficiencies, and future plan for bikeways

- Standards and Guidelines
 - State Law – Texas Transportation Code
 - TxMUTCD (2011)
 - Pavement Markings and Signage
 - AASHTO
 - Guide for the Development of Bicycle Facilities (2012)
 - NACTO
 - Urban Bikeway Design Guide (2012)



Texas Transp. Code, Title 7, Subtitle C

■ Section 551.101

- (a) A person operating a bicycle has the rights and duties applicable to a driver operating a vehicle under this subtitle
- (b) A parent of a child/guardian may not knowingly permit the child to violate this subtitle

■ Section 551.103

- (a) Except as provided in 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 intersection/private road/driveway
 - (3) a condition on the roadway (fixed object, surface etc.) prevents this
 - (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 adjacent bike lane
 - (B) too narrow for a bicycle and a motor vehicle to safely travel side by side

TxDOT's Policy- Memo 3/23/2011

Guidelines Emphasizing Bicycle & Pedestrian Accommodations

- Construction projects within existing ROW and scope of work is limited to ex. typical section (**not moving curbs**)
 - Remove barriers to accommodate pedestrians in compliance with TAS / American with Disabilities Act Accessibility Guidelines (ADAAG)
 - **Accommodate bicycles by restriping to provide a 14 foot outside lane where practical**
- Construction projects within existing ROW and scope of work involves pavement widening (**moving curbs**)
 - **Provide 14 foot wide outside lane or 5 foot bike lane**
 - Provide continuous sidewalks and ADA curb ramps
 - ADA compliant pedestrian route



TxDOT's Policy

- Full reconstruction / new projects
 - New ROW acquired
 - Follow Roadway Design Manual and AASHTO
 - **14 wide outside lane or 5 ft bike lane with curb offsets (typically 2 feet)**

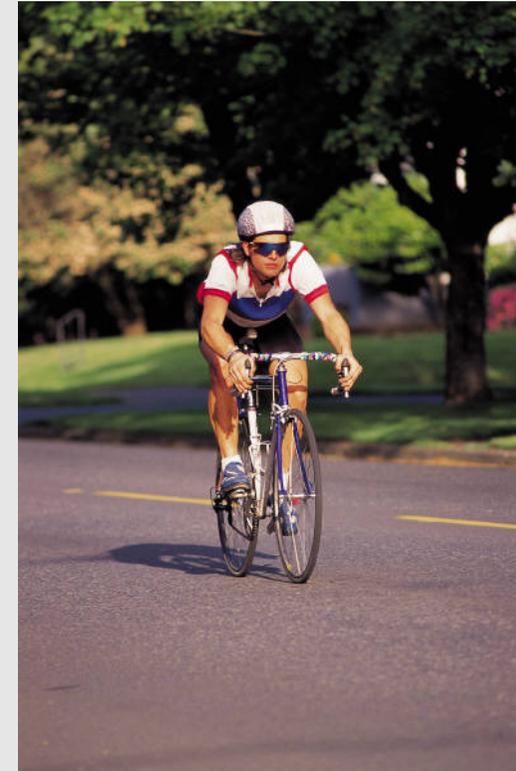


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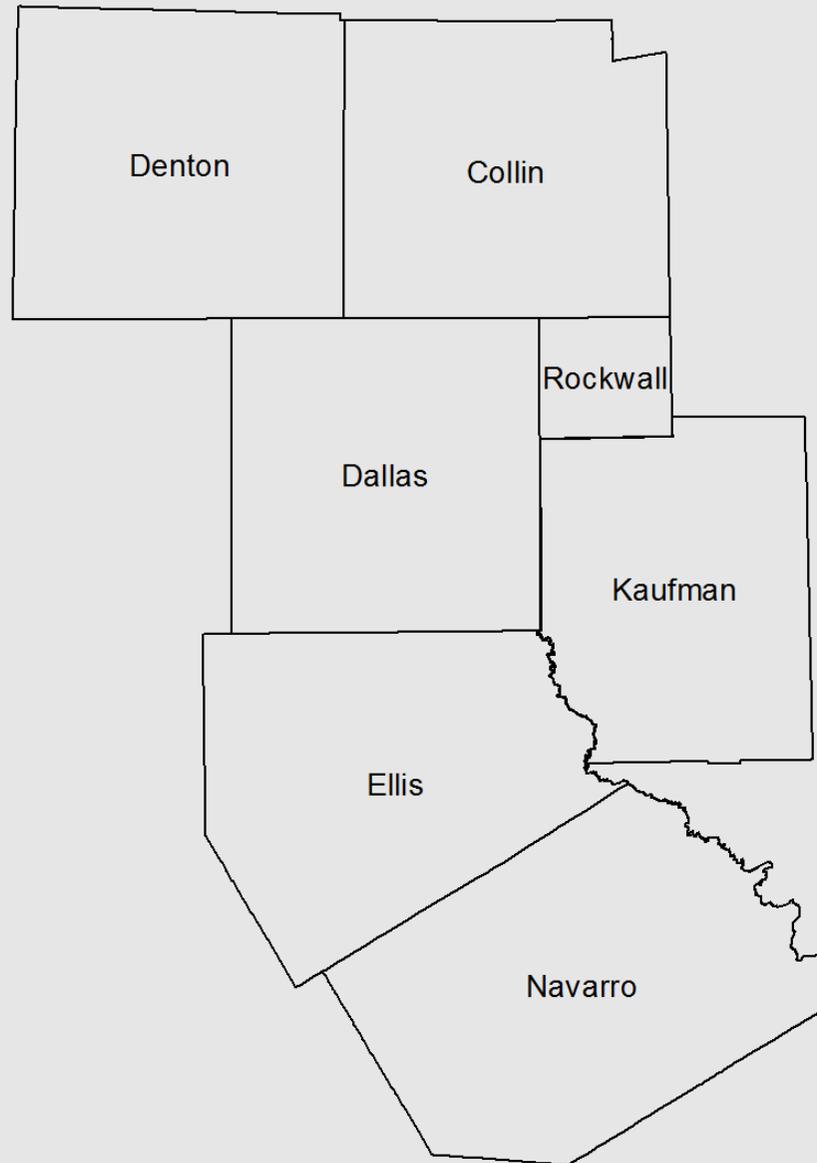


Bicycle Level of Service (BLOS)

- The Bicycle Compatibility Index: A Level of Service Concept, Implementation Manual (FHWA, 1998)
 - Traffic Volumes
 - Speed (85% percentile)
 - % of heavy trucks
 - Number of Thru Lanes and Lane Widths
 - Bicycle Accommodations or lack of
 - Based on level of comfort and/or stress
 - Determine amount of lateral separation needed and appropriate facility
 - Striping and designated bikeways are beneficial in improving LOS
- Highway Capacity Manual 2011 included the BLOS
 - The BLOS can be determined with the HCS (Highway Capacity Software) when planning roadways

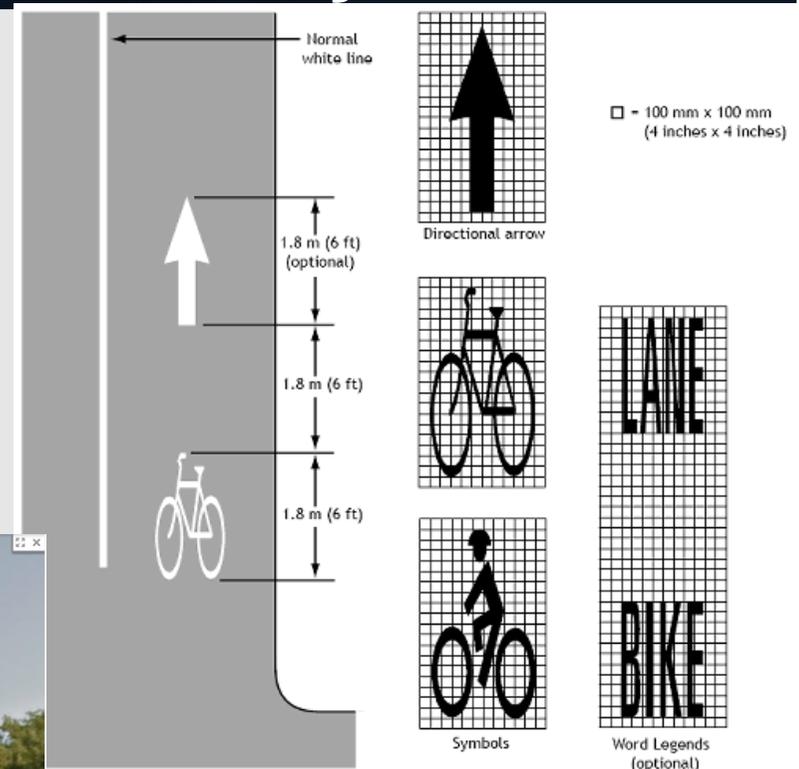


TxDOT Dallas District



Dallas District Bike Projects- On System

- FM 3097 (Horizon Rd.) Rockwall Co.
 - FM 740 to E. of Tubbs Road
 - Reconstruct 2 lane undivided roadway to a 4-lane divided roadway with bike lanes
 - 4 foot bike lane with 1.5 foot curb offset
 - Construction anticipated July 2014



Dallas District Bike Projects- Off System

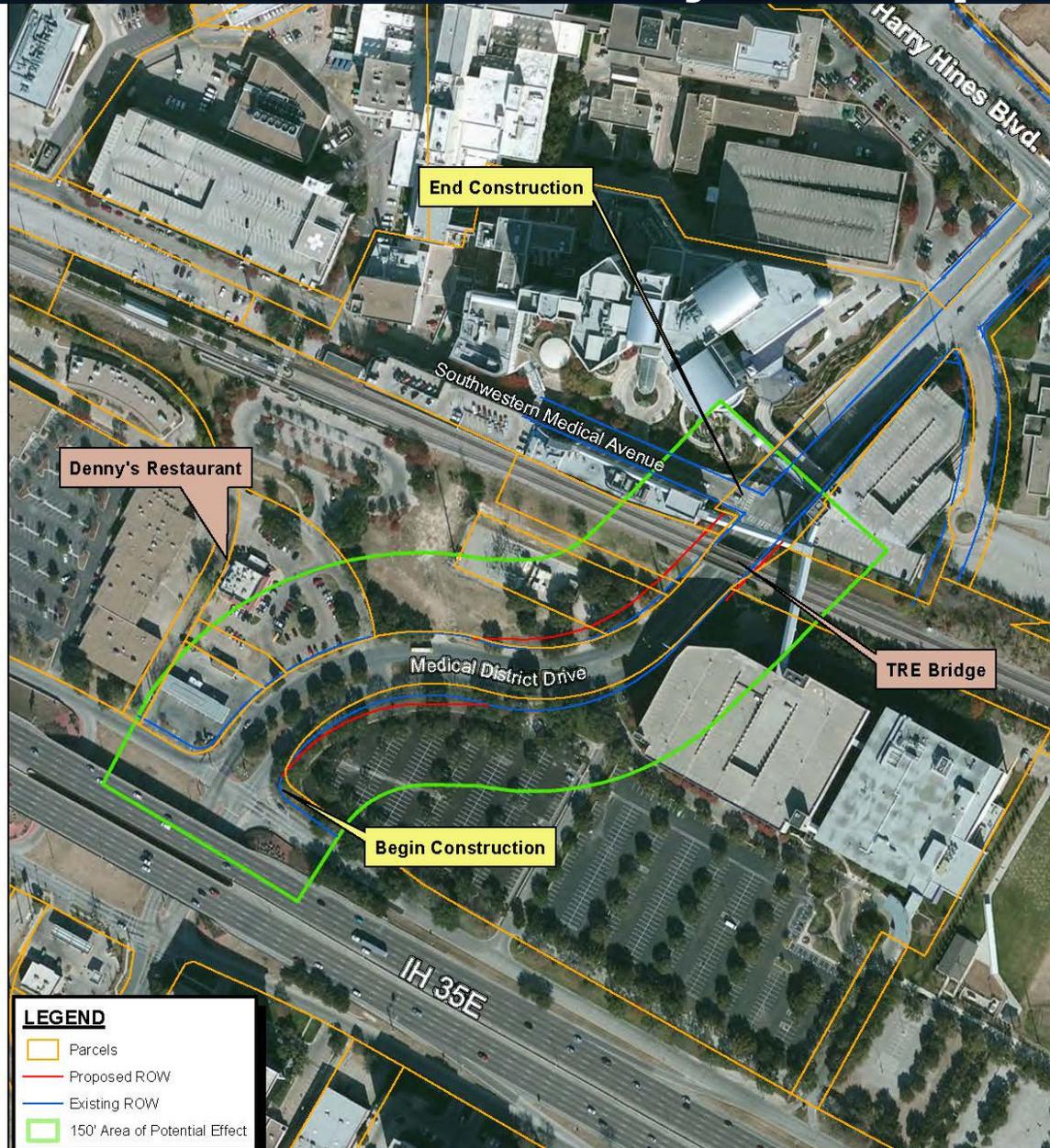
- Medical District Drive – Dallas Co.
 - Federal funding, TxDOT oversight
 - I-35E to Harry Hines Boulevard
 - 4 foot bike lane with 2 foot buffer
 - Construction anticipated Sept. 2016



TRE (SOUTH)
MEDICAL DIST DR
Looking North

NOTE: TRE (SOUTH TRACK) over MEDICAL DISTRICT DR

Medical District Drive – Project Map



Dallas District Bike Projects – TE projects

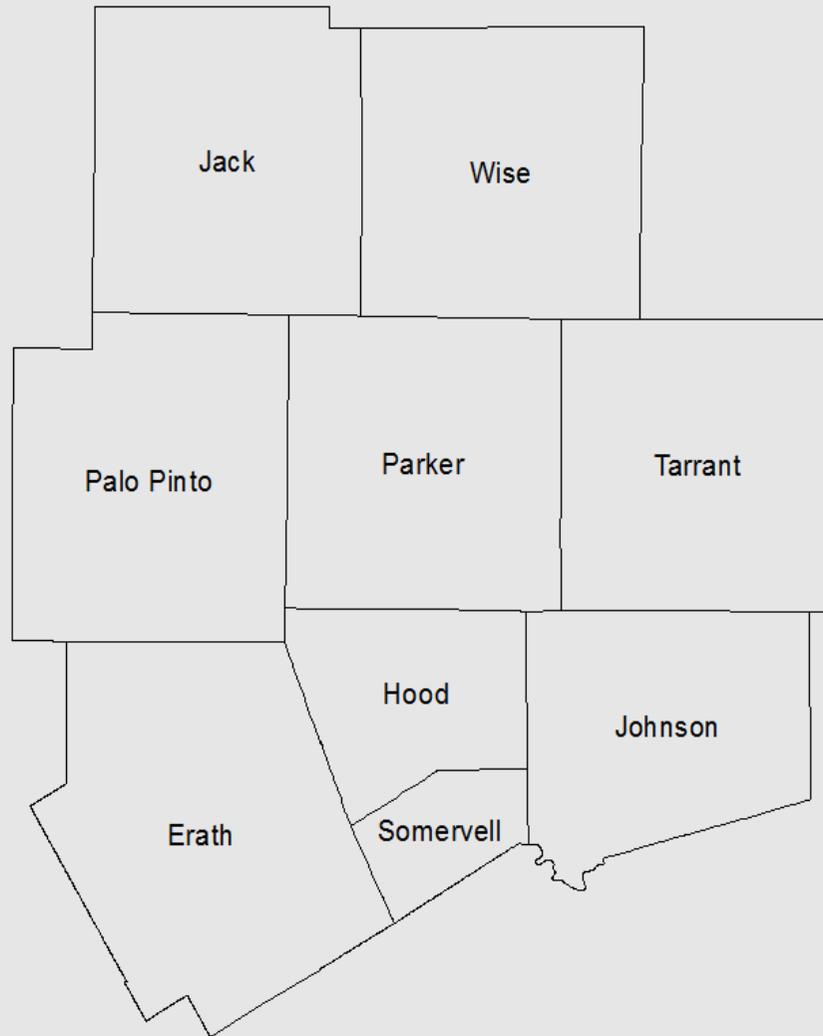
- Denton County Transportation Authority (DCTA)
 - Lewisville Bicycle Facility
 - Highland Village Station to Hebron Station
 - Proposed shared use path (10 foot) in rail ROW
 - Ties into existing shared use path (8 and 10 feet)
 - On-street designated bike lanes
 - Design 95% complete / Construction July 2014
- FM 1382 Hike and Bike Trail – Cedar Hill
 - 12 foot shared use path (sidepath) and signage
 - Cedar Hill State Park to New Clark Road
 - Anticipated Construction April 2015
- On Street Bicycle Treatments
 - City of McKinney
 - Signage and markings for local streets



Santa Fe Trail in Dallas



TXDOT FORT WORTH DISTRICT



Fort Worth Bike Projects – On System

▪ E. Rosedale St. – Miller Ave to IH 820

- 4 lane divided
- 14 foot wide shared use outside lanes
- Construction late 2014/early 2015



Fort Worth District – Off System Projects

- **Bowman Branch Linear Park Trail**
 - Limits: Tin Cup Road to Cobble Middle School
 - 12 ft. shared use path
 - Construction completed December 2013
 - Connects 3 schools, 2 parks and several neighborhoods
 - Approximately 2 miles



1. D. P. Morris Elementary School at western terminus of trail. Enhanced crosswalk with pavers, sensors, and signal will be constructed across Tin Cup Rd., foreground, to connect to project trail. Looking west.



2. Looking east along Ericville St., from neighborhood in front of D. P. Morris Elementary School, toward Matlock Rd. and Misenhimer Park.



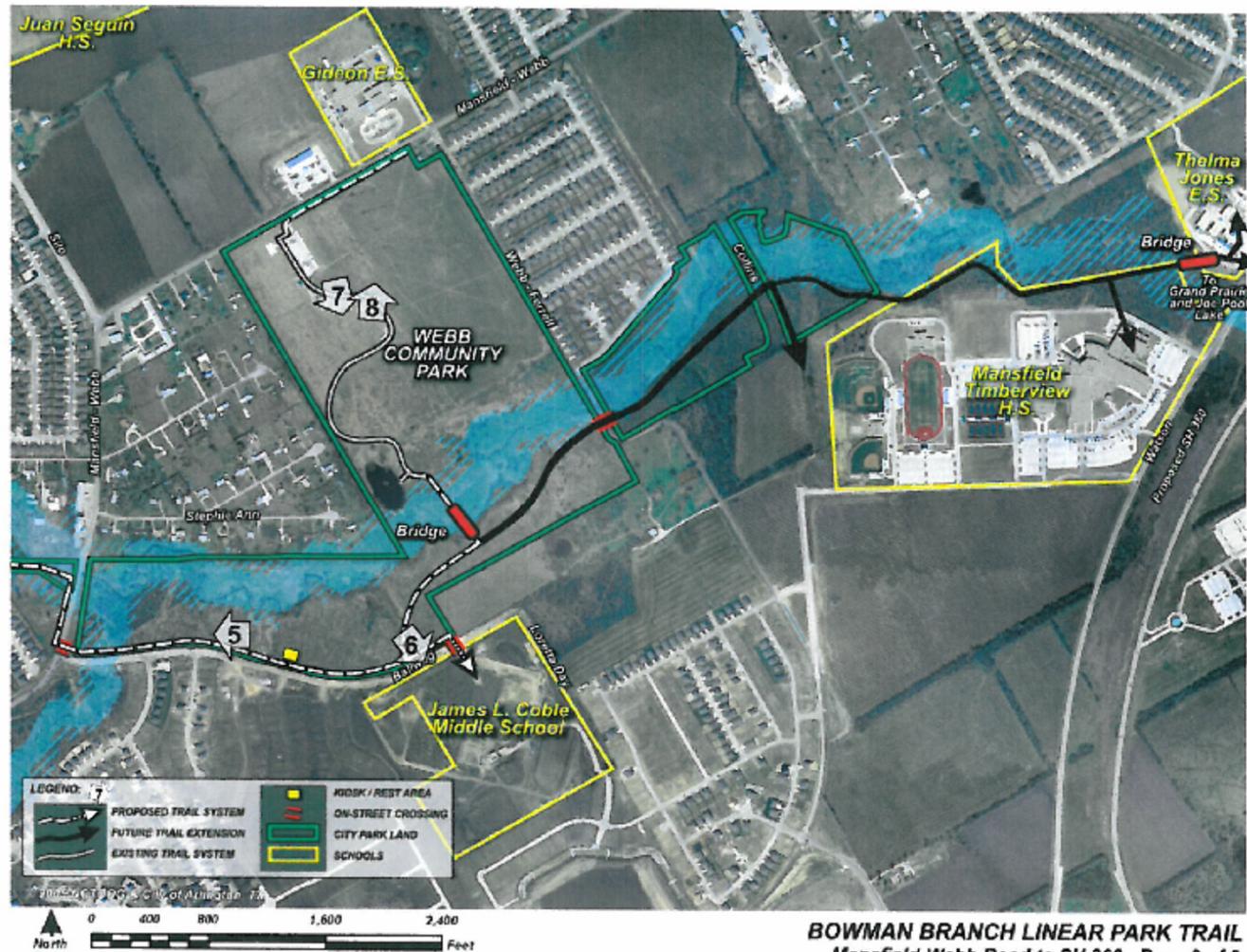
3. Typical neighborhood view on Lonesome Dove Tr. Misenhimer Park is left, across the street from the houses. Looking southeast.



4. Neighborhood park on Lonesome Dove Trail. Looking northeast. The trail will run along the north side of the park.

Fort Worth District – Off System Projects

- Bowman Branch Linear Park Trail (shared-use path)



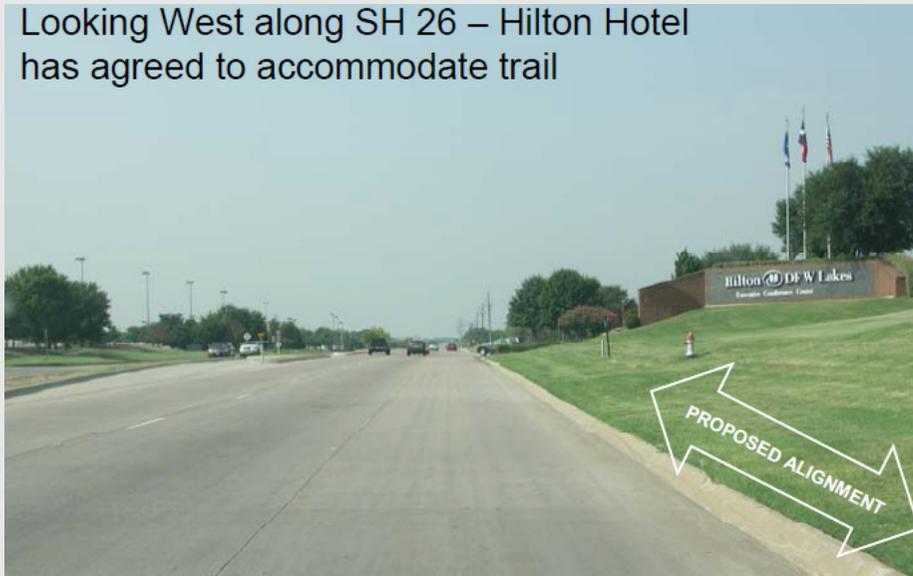
BOWMAN BRANCH LINEAR PARK TRAIL
Mansfield-Webb Road to SH 360 - Page 2 of 2

Fort Worth District – Off System Projects

▪ Grapevine Links Trail

- Limits: Dove Loop Trail to vicinity of Grapevine Mills
- Proposed Facility from 10 ft. to 12 ft. in width and 1.8 miles long
- Estimated Letting date: March 2015
- Transportation Enhancement (TE) – Federal Funds- TxDOT oversight

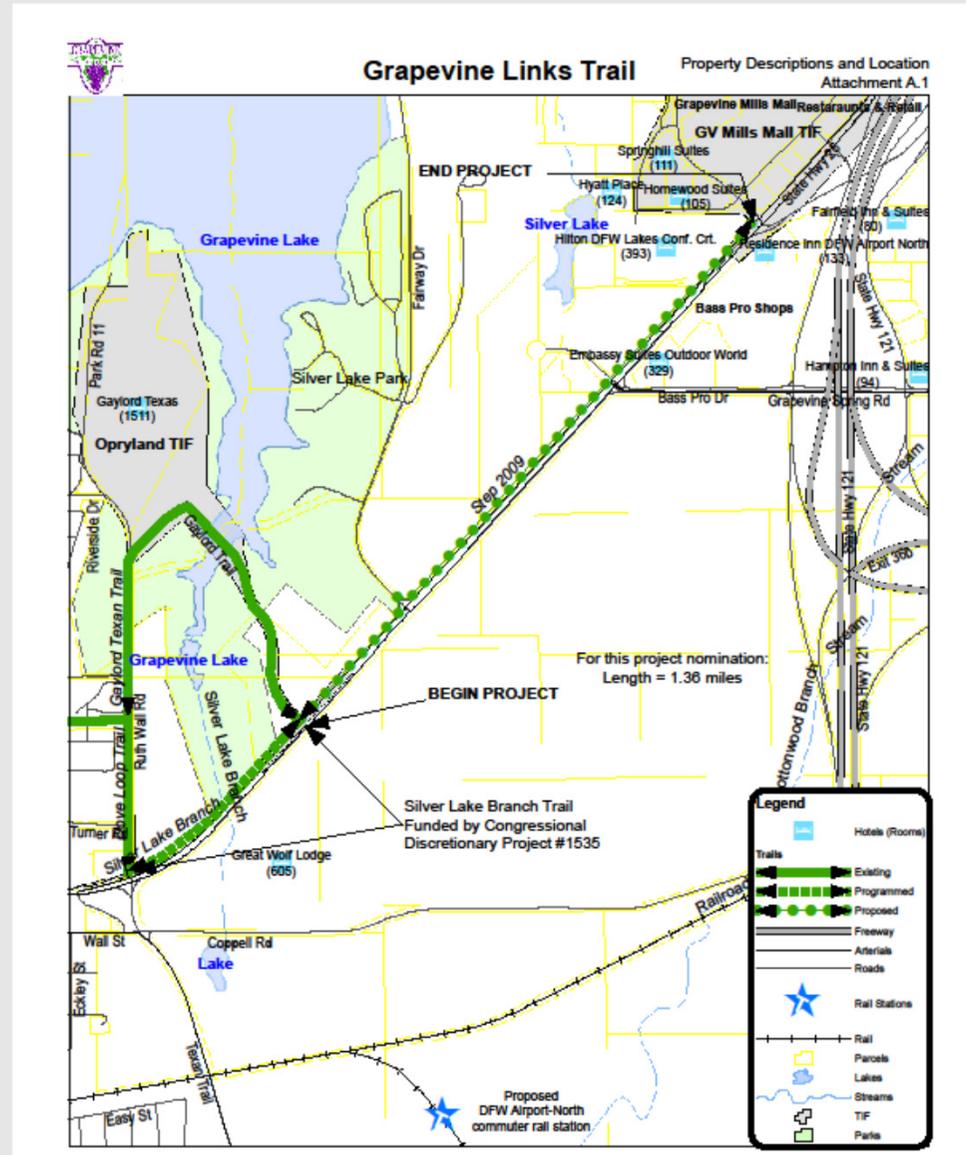
Looking West along SH 26 – Hilton Hotel has agreed to accommodate trail



Looking West along SH 26 – just East of Gaylord Trail Dr.



Grapevine Links Trails (Shared Use Path)



Fort Worth District – Off System Projects

- **Trinity River Vision**

- **(Trinity Trails Clear Fork – East Bank Extension)**

- Limits: Mistletoe Heights Neighborhood to the Fort Worth Business and Entertainment District
- Proposed Facility:
 - 10 foot shared use path, 3500 ft. length
- Estimated letting prior to: August 2016
- TE Project



Trinity Trails Clear Fork – East Bank Extension
Site Photographs



Photo 5 – Looking South at Proposed Trail Corridor



Photo 6 - Vickery Avenue Bridge (East Bank)

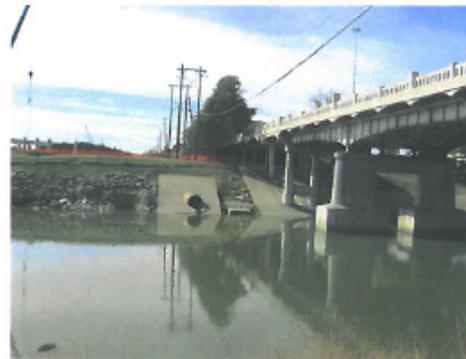


Photo 7 – Vickery Avenue Bridge (West Bank)



Photo 8 – Looking South at Proposed Trail Corridor, Under Rosedale Ave Bridge

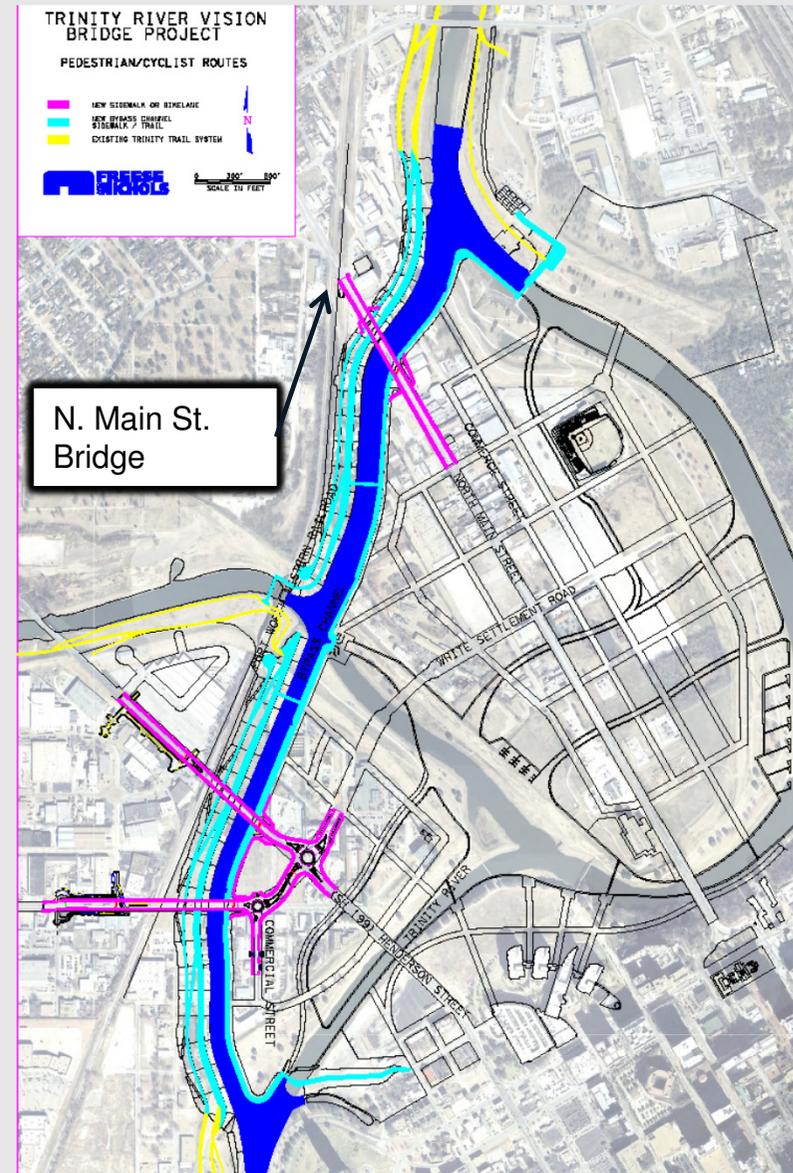
Trinity Trails Clear Fork –East Bank



Trinity River Vision Bridge Project

Trinity River Vision – (North Main Street Bridge Project)

- Limits: NE 7th Street to just South of the Fort Worth & Western RR
- Approximately 1,840 ft. in Length
- Estimated letting prior to:
August 2016



Conclusion

- Thank you all for your time
- Dallas District Bicycle questions/concerns
 - Kathy Kleinschmidt, P.E. - (214) 320-6257 / Kathy.Kleinschmidt@txdot.gov
- Fort Worth Bicycle questions/concerns
 - Phillip Hays, P.E. - (817) 370-6591 / Phillip.Hays@txdot.gov

