

Commuter Rail Panel



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Virginia Railway Express



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SunRail



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Trinity Metro/TEXRail



Mass Transportation That's Good for the Masses

Location: Central Florida
Corridor: Central Florida Rail Corridor 61 miles, 4 counties
 SunRail Operating Route: 49 miles, 4 counties
Opening: May 2014 - Phase 1 (12 stations)
 Federal Funding Grant Agreement \$357m
Southern Expansion (4 stations) open July 2018
 Federal Funding Grant Agreement \$187m
Ridership: 6,546 - Average Daily Ridership June 2019
 Increased 80% between FY18 – FY19 with
 opening of Southern Expansion

SunRail is a Central Florida Pipeline

- Connects individuals with industries and opportunities
- Delivers solutions-oriented transportation by connecting to and promoting other public and private transportation
- Explores partnerships and technologies to meet evolving workforce and community needs

Why it Works

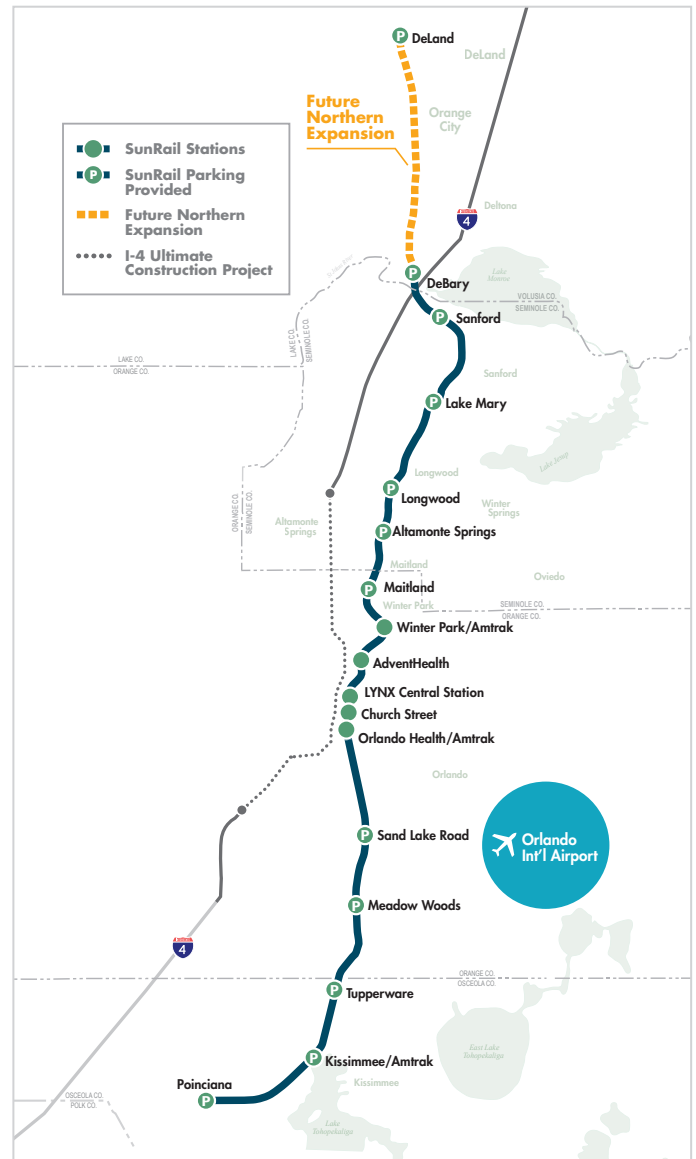
- The goal is not movement, but the connection of people and the betterment of a region
- Every station is an opportunity to create micro-hubs of local commerce
- Benefits go far beyond delivering people:
 - Increase in property value and taxes
 - New transit-oriented development
 - Increased local commerce

The Bigger Picture

- SunRail seeks to improve the quality of life for riders
- Create a regional transportation solution with enhanced technologies to make travel easy and convenient
- Continue partnerships for smart travel: Orlando International Airport, Virgin Trains, Rideshare, Buses, Shuttles, etc

Key Facts

- Orlando is one of the fastest growing cities in America (US Census Bureau)
- Seniors are outliving their ability to drive safely by 7 – 10 years (AAA)
- Approximately 7% of Florida households do not own a vehicle and 29% own 1 vehicle (US Census Bureau)
- Rideshare is expected to grow more than 20% between 2019 – 2025 (Reuters)
- By 2030, micromobility market potential in the US is \$200 - \$300 billion (McKinsey & Company)



Facts

- VRE is a commuter railway that, with few exceptions, runs trains north into Washington, D.C. in the morning and south in the afternoon.
- Two lines – Fredericksburg (runs parallel to I-95/I-395) and Manassas (runs parallel to I-66)
- 82 miles* – Fredericksburg (59 miles) and Manassas (32 miles)

**VRE's Fredericksburg and Manassas lines use the same nine miles of track between the Alexandria Station and D.C.'s Union Station, so miles of track for the system is less than the sum of the two lines.*



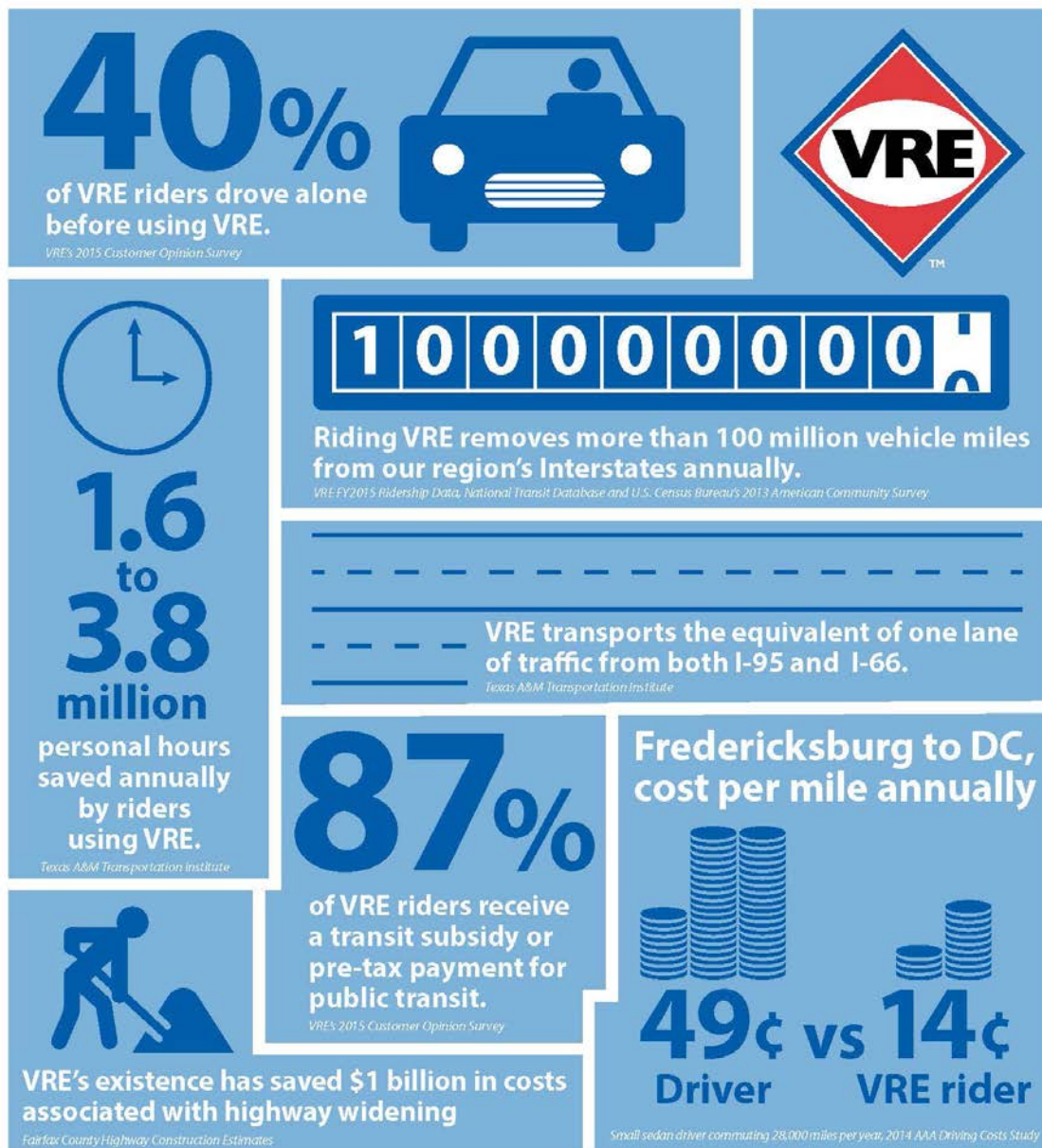
- Fiscal year 2020 annual operating budget, which requires 50 percent farebox recovery, is \$89.2 million
- Fiscal year 2020 capital budget is \$64.9 million
- VRE stations serve nine Virginia jurisdictions
- VRE riders come from 39 jurisdictions
- VRE provides an average of 20,000 daily passenger trips

Timeline

- | | |
|------|--|
| 1967 | Northern Virginia Transportation Commission issues feasibility study for commuter train service between Washington, D.C. and Alexandria and Franconia in Virginia |
| 1971 | U.S. Department of Transportation's Urban Mass Transportation Administration issues regional feasibility study that includes D.C.-Manassas and D.C.-Quantico commuter rail service |
| 1984 | Metropolitan Washington Council of Governments issues feasibility study for commuter rail service in Northern Virginia |



- 1987 Metropolitan Washington Council of Governments issues patronage and revenue forecasts for commuter rail service in Northern Virginia
- 1988 VRE Operations Board established by its co-owners, the Northern Virginia Transportation Commission and the Potomac and Rappahannock Transportation Commission
- 1989-1992 Jurisdictions enter into a Master Agreement with VRE
- 1992 Liability issues resolved through an act of Congress
- Manassas Line opens June 22
- Fredericksburg Line opens July 20
- 2015 Spotsylvania Station, about six miles south of the Fredericksburg Station, opens November 16



TRINITY METRO TEXRailSM

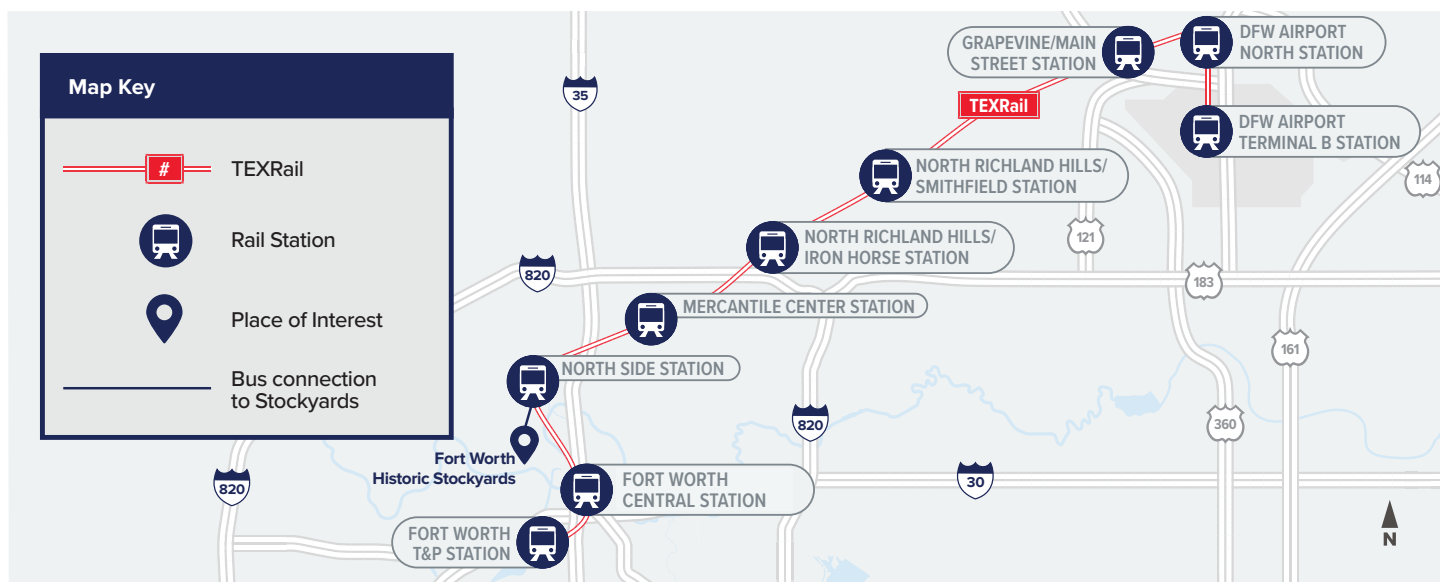
TIME TO TRAIN

Trinity Metro TEXRail is a new 27-mile commuter rail line that extends from downtown Fort Worth, Texas, across northeast Tarrant County, through North Richland Hills and Grapevine, and into Dallas Fort Worth International Airport's Terminal B. TEXRail, served by nine stations, began service on Jan. 10, 2019.



ABOUT THE TRAIN

Owned and operated by Trinity Metro, TEXRail features the FLIRT 3 (Fast Light Innovative Regional Train) built by Stadler USA. Switzerland-based Stadler manufactured the exterior of the vehicles in Hungary, and the final production and assembly were completed in Utah as part of the Buy America program. TEXRail is the first commuter line in the U.S. to feature the FLIRT 3.



FAST FACTS

- TEXRail features diesel multiple units (DMUs) with a mechanical unit in the center of the train.
 - Each DMU has 229 seats and total capacity of 488. There are four entry points on each side of the train.
 - TEXRail cars feature an all-aluminum body and an articulated train that makes it easy to walk between cars during the ride.
 - Amenities include a designated quiet car, level boarding, bike racks, USB charging stations, seatback trays and overhead luggage storage.
 - TEXRail will operate seven days a week, including holidays.
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TEXRail STATIONS



Fort Worth T&P Station
221 W. Lancaster Ave., Fort Worth, TX 76102



Fort Worth Central Station
1001 Jones St., Fort Worth, TX 76102



North Side Station
2829 Decatur Ave., Fort Worth, TX 76106



Mercantile Center Station
4233 N. Beach St., Fort Worth, TX 76137



North Richland Hills/Iron Horse Station
6531 Iron Horse Blvd., N. Richland Hills, TX 76180



North Richland Hills/Smithfield Station
6420 Smithfield Rd., N. Richland Hills, TX 76182



Grapevine/Main Street Station
801 S. Main St., Grapevine, TX 76051



DFW Airport North Station
1867 Dallas Rd., Grapevine, TX 75261



DFW Airport Terminal B Station

TRINITY RAILWAY EXPRESS



THE BEST CONNECTION BETWEEN FORT WORTH AND DALLAS

The Trinity Railway Express (TRE) is a commuter railroad (also called a regional passenger rail) that operates on a 35-mile east-west track with 10 stations between downtown Fort Worth and downtown Dallas. It was the first commuter railroad in the Southwest.

OWNERS: Jointly owned and operated by Trinity Metro and Dallas Area Rapid Transit (DART)

RIDERSHIP: 2.3 million annual passengers
8,300 average daily ridership

OPERATION: 47 trains, 19 on Saturdays; additional trains for special events

SCHEDULE RANGE: Weekdays 4:51 a.m. – 1:21 a.m.
Saturday 5:50 a.m. – 11:35 p.m.

TYPE OF RAILROAD: The TRE is a commuter railroad (or regional railroad). This type of railroad uses electric or diesel locomotive-hauled or self-propelled railroad passenger cars. Its railway is for urban passenger train service consisting of local short distance travel operating between a central city and adjacent suburbs. Commuter rail, unlike light rail, may operate on tracks shared with freight rail. Light rail, generally has lightweight passenger rail cars, operating with only a few cars, on fixed rails in right-of-way that is not separated from traffic for much of the way. They are typically driven electrically with power from an overhead electric line via a trolley or a pantograph.

TRAIN SPEED: The TRE railroad corridor is rated for a maximum speed of 79 miles per hour.

TRE TRACKS: The 35-mile track is jointly owned by Trinity Metro and DART and controlled by their TRE operation, which allows use of the tracks by short line freight trains as well as Class I railroads, such as Burlington Northern Santa Fe and Union Pacific. These freight railroads use the tracks to ship freight loads under the dispatch of TRE, primarily at off-peak times.

TRINITY RAILWAY EXPRESS

TRE RAIL CARS

9 Locomotives

25 passenger cars, seating an average of 140 passengers each

TRE STATIONS

- Fort Worth T&P Station – 221 W. Lancaster Ave., Fort Worth 76102
- Fort Worth Central Station – 1001 Jones St. (9th and Jones streets), Fort Worth 76102
- Richland Hills Station – 7225 Burns St., Richland Hills 76118
- Bell Station – 3232 Bell Flight Blvd., Hurst 76053
- CentrePort/DFW Airport Station – 14470 Statler Rd., Fort Worth 76155
- West Irving Station – 4200 Jackson St., Irving 75061
- Downtown Irving/Heritage Crossing Station – 201 Rock Island Rd., Irving 75061
- Medical/Market Center Station – 1419 Motor St., Dallas 75207
- Victory Station – American Airlines Center, 2525 Victory Ave., Dallas 75219
- Union Station – 400 S. Houston St., Dallas 75202

TRE HISTORY

1983 – The Cities of Fort Worth and Dallas purchase the corridor and track from the trustees of the bankrupt Rock Island Railroad for future use as a passenger rail between the two cities. The track is now jointly owned by Trinity Metro and DART.

DECEMBER 30, 1996 – TRE begins operation as the first commuter rail in the Southwest. DART begins the first segment of the TRE operation along a 10-mile commuter rail line linking Dallas Union Station, the Medical/Market Center Station, and the South Irving Transit Center. More than 4,000 people rode the first day of operation.

SEPTEMBER 16, 2000 – Trinity Metro extends Trinity Railway Express service west to four new stations at West Irving, CentrePort, Bell and Richland Hills. Revenue service begins September 18. More than 5,700 people ride the first day.

DECEMBER 3, 2001 – Service extends to Fort Worth Central Station and Fort Worth T&P Station in downtown Fort Worth, completing the TRE system between Dallas and Fort Worth.

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RIDE **TRINITYMETRO**.org
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