

TEXRail

Fort Worth to DFW Airport

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November 2018



2018: The Year of TEXRail



Ribbon Cutting Event at TEXRail's Mahaffey Maintenance Facility (MMF)



Touring the MMF – and TEXRail





TEXRail: A Look Inside



Level Boarding

Level boarding makes it easy to board with a bicycle or stroller or wheelchair.

Trains are equipped with interior bike and luggage racks.



Amenities

- Designated quiet car
- Seatback trays
- Work tables
- USB charging ports
- Comfortable seats
- Easy to walk from end to end



Ride in Comfort

- A quick ride to Grapevine for GrapeFest and other fun activities
- Only 48 minutes from downtown to DFW Airport's Terminal B



Open Design

- Easy access to the restroom or the exit
- Spacious walkway
- Colorful red doors make it easy to spot the exit



Spacious Restroom

- ADA-accessible restroom on each train
- Roomy design adds a touch of elegance to the travel experience



Conductors will be on board to assist passengers and check tickets.



The FLIRT Design

The bidirectional train is equipped with an operator's cab at both ends. Rather than spending time turning the train around, the train operator simply walks to the other end to move the train in the opposite direction.



Schedule

- 72 trains per day
- Service 7 days a week
- First train leaves T&P at 3:31 a.m.
- Last train finishes after 1 a.m.
- 30-minute service 6-10 a.m. and 4-6:30 p.m.
- 60-minute service during other timeframes



TEXRail Fares

Because all of the TEXRail route will be in Tarrant County, the cost to ride will be the same as a local fare on Trinity Railway Express.

Regular Fares

- \$2 for local bus
- \$2.50 for one-way TEXRail
- \$5 day pass for bus/rail

Reduced Fares*

- \$1 for local bus
- \$1.25 for one-way TEXRail
- \$2.50 day pass for bus/rail

*Reduced fare available for seniors 65 and older, persons with disabilities with ID, and Medicare card holders

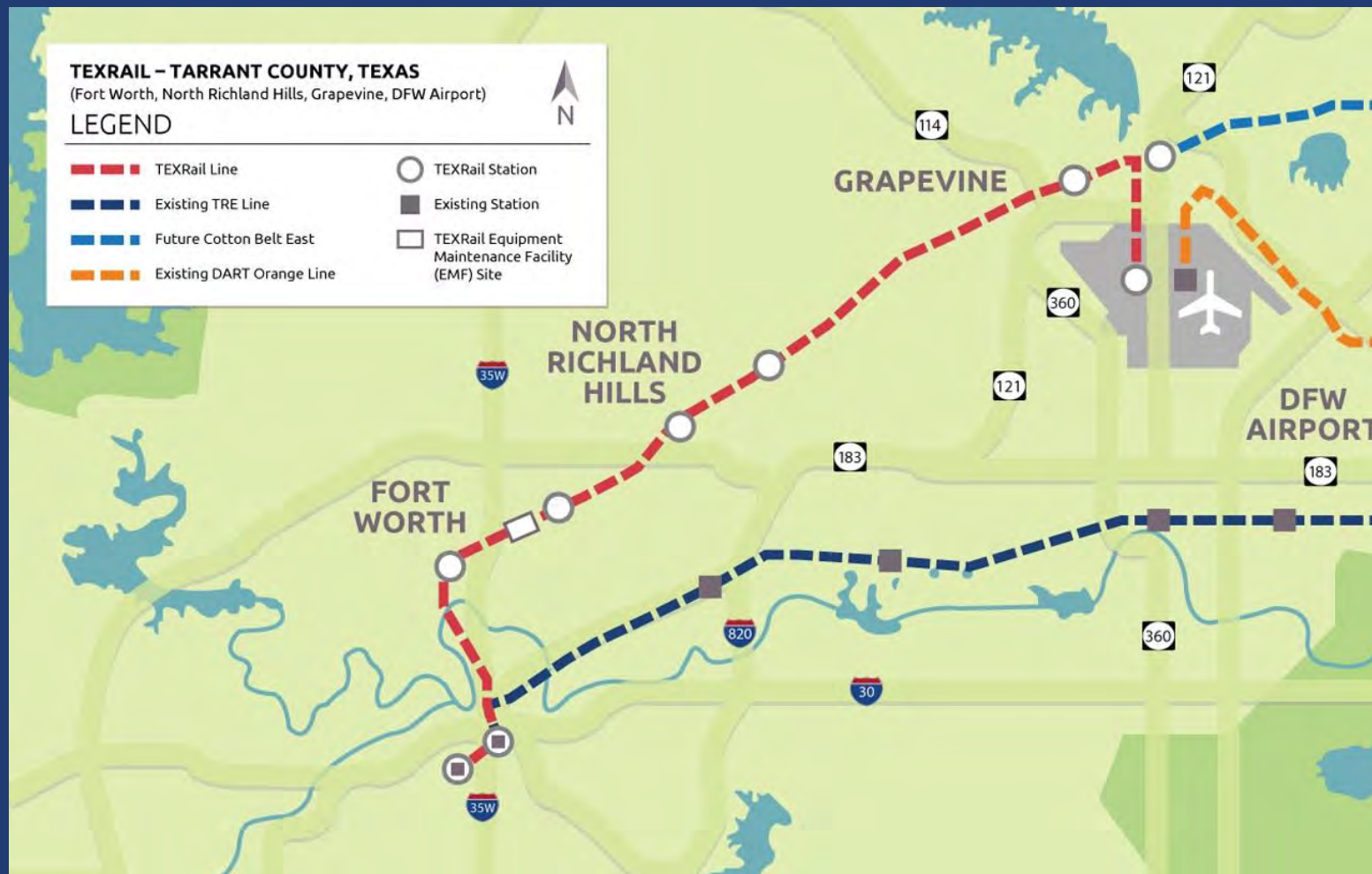


When Can I Ride?

Soon! Service begins
in January.



Nine Stations from Texas & Pacific to Terminal B



Fort Worth Texas & Pacific (T&P) Station



Raising Platform for Level Boarding at T&P



Fort Worth Intermodal Transportation Center Station



Platform Work at ITC



Widening the Hole in the Wall



Passenger and Freight Trains



Peach Yard Bridge, just north of Belknap



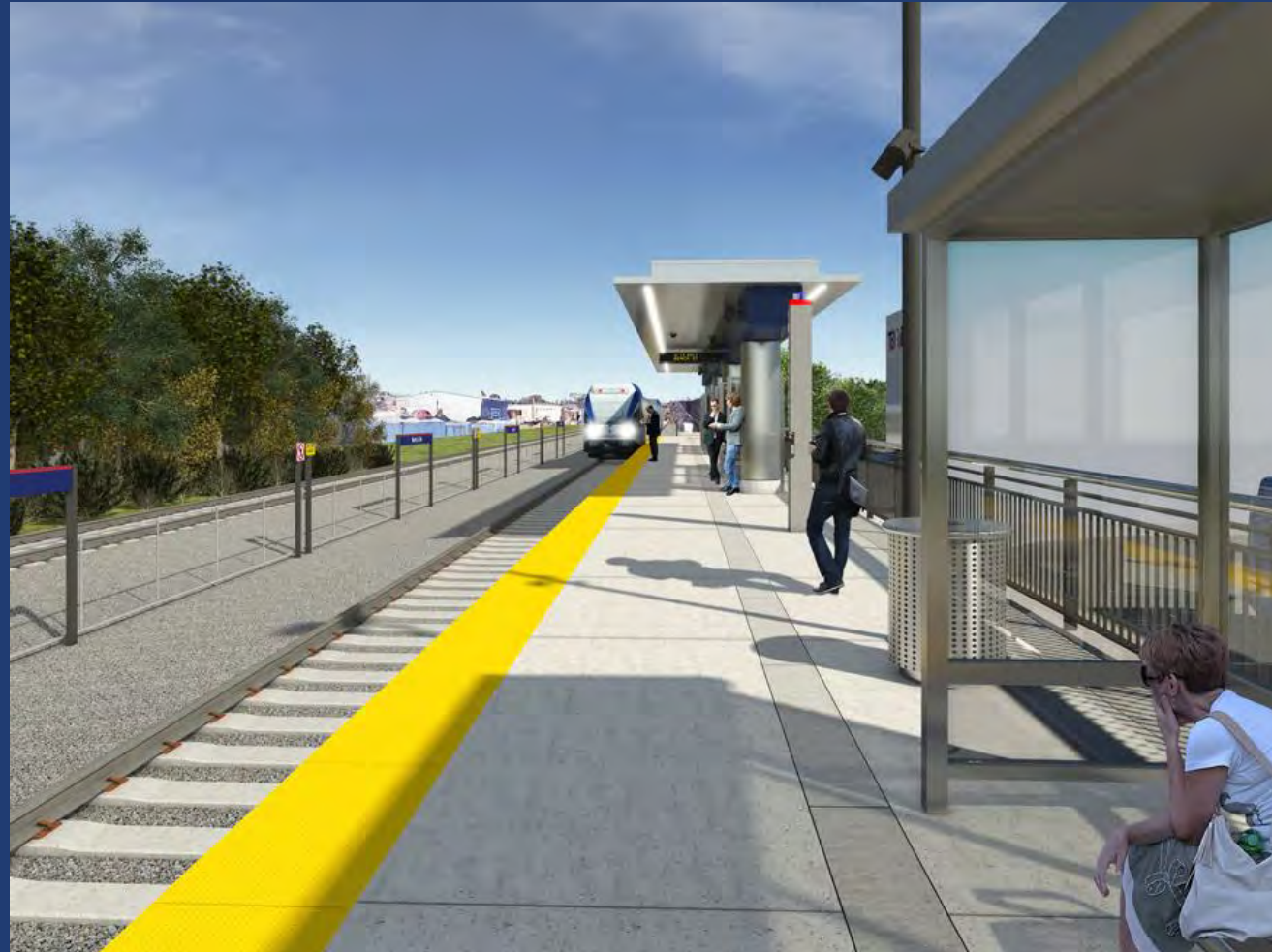
Trinity River Bridge



View of Trinity River Crossing



North Side Station



Construction at North Side



Mahaffey Maintenance Facility (MMF)



Interior work at the MMF



First Four Trains at MMF



Mercantile Center Station



Progress at Mercantile Center



North Richland Hills / Iron Horse Station



Work progress at Iron Horse



Rail Safety Messages



SEE **TRACKS?
THINK **TRAIN.****

TRINITY  METRO  **TEX**Rail

WWW.FWTA.ORG

Through billboards, social media, safety videos and ad campaigns, we are spreading the word about staying safe around railroad tracks and trains.



North Richland Hills / Smithfield Station



Smithfield Station



Removing Ira E. Woods Bridge



Replacing with new TEXRail Bridge



Grapevine / Main Street Station



Progress in Grapevine



DFW Airport North Station



Progress at DFW North Station



Highway 114 Overpass



DFW Airport Terminal B Station



Station at Terminal B



Parking Options

STATIONS	PARKING
T&P (Existing)	350
ITC (Existing)	Private parking
North Side	164
Mercantile Center	318
N. Richland Hills/Iron Horse	376
N. Richland Hills/Smithfield	559
Grapevine/Main Street	137
DFW Airport North	208
DFW Airport Terminal B	Private parking



TEXRail Train Testing



Operation Lifesaver

To help keep everyone safe, Operation Lifesaver volunteers are sharing messages about rail safety to schools near the new TEXRail route.

Operation Lifesaver is a national program dedicated to public safety education and awareness.

We want to do our part to help educate the community about staying safe around tracks and trains.

See Tracks? Think Train.



Questions?



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October 2018

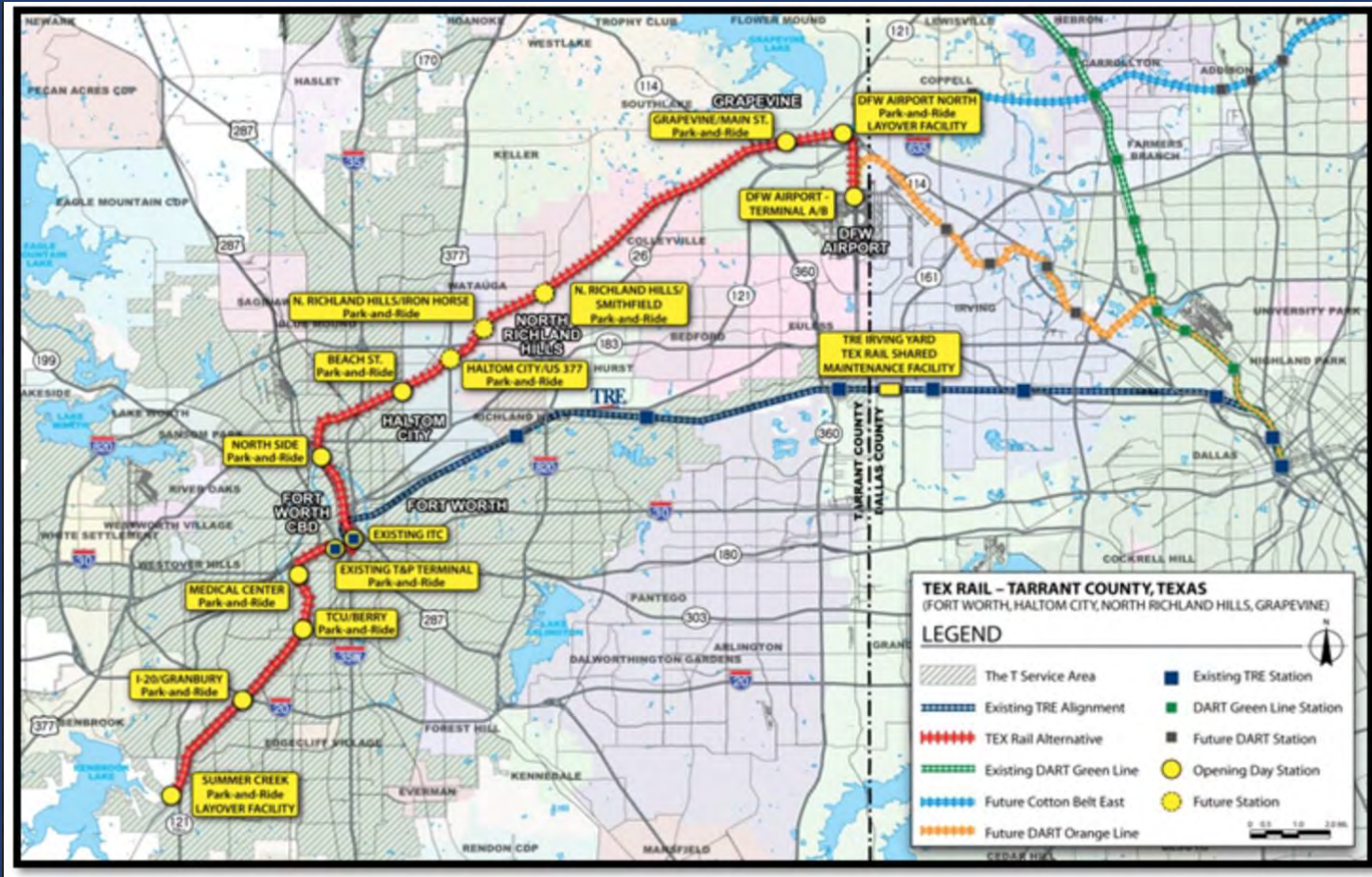


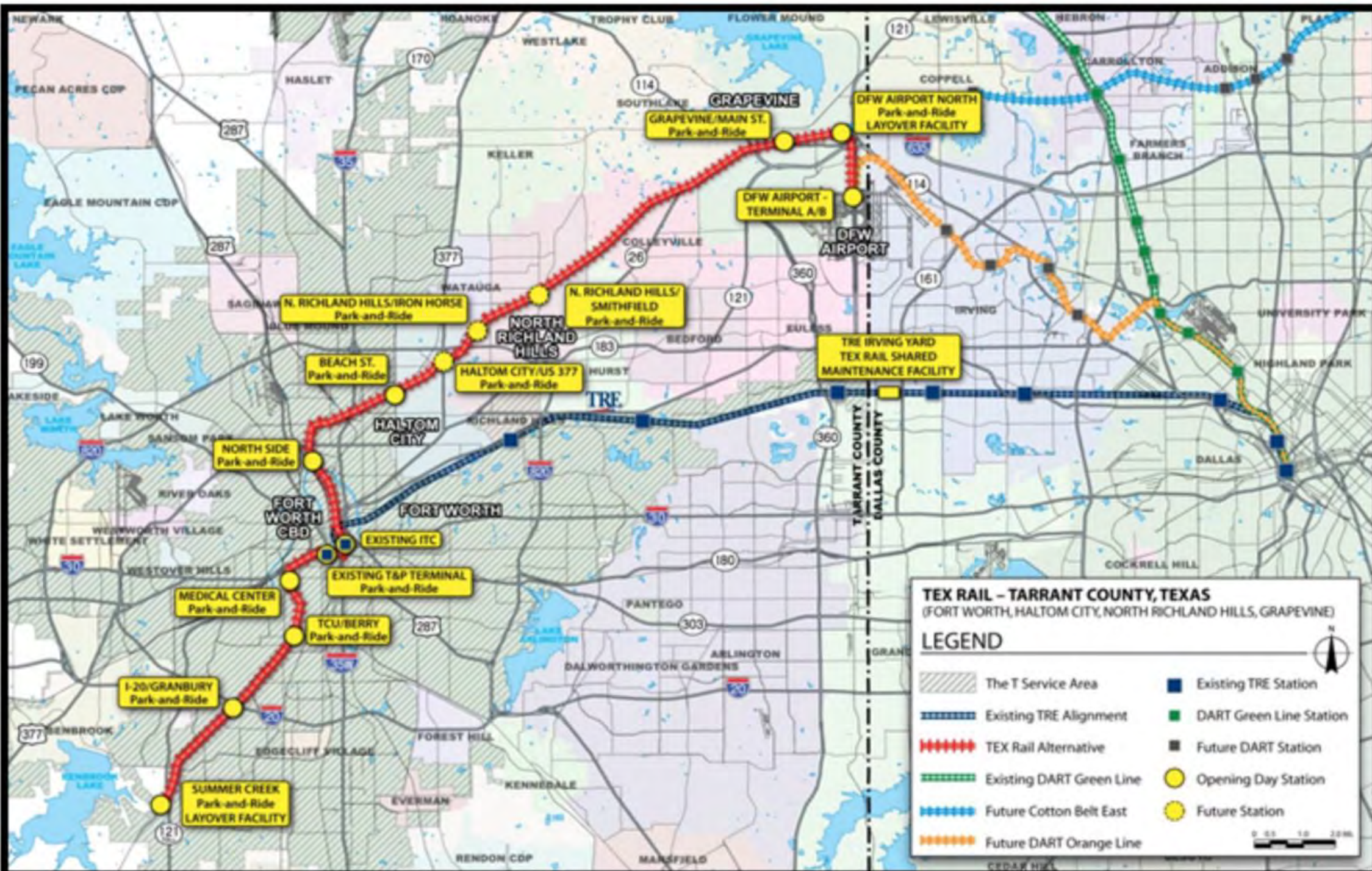
Alignment

- 27 miles
- 9 stations - Fort Worth to DFW Terminal B
- 41 grade crossings
- 4 grade separation
- 25 bridges
- 5 bridges with standpipes and FDC



Alignment Map



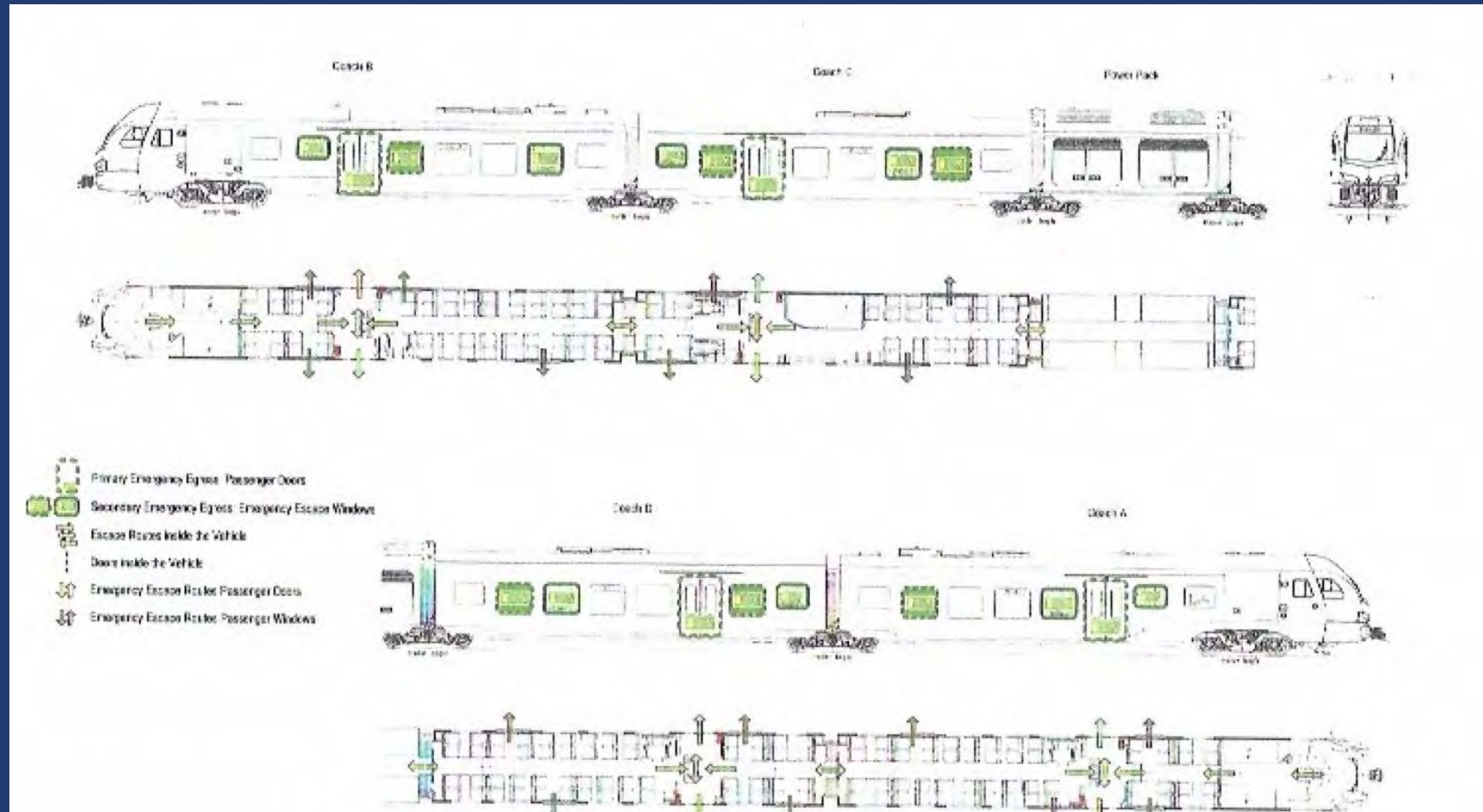


Mahaffey Maintenance Facility (MMF)






- 27 acres
- 8 train sets stored during non-revenue hours
- 24,000 gallon diesel fuel storage and fuel dispensing
- 2 bays for maintenance of train
- 1 train wash
- Fully sprinkler building with cleaning agents for computer rooms
- RCC Dispatch (TEXRail)



Stadler Vehicle Overview





-  Primary Emergency Egress: Passenger Doors
-  Secondary Emergency Egress: Emergency Escape Windows
-  Escape Routes inside the Vehicle
-  Doors inside the Vehicle
-  Emergency Escape Route: Passenger Doors
-  Emergency Escape Route: Passenger Windows



Stadler Vehicle Overview

- Diesel Multiple Units (DMU)
- Four passenger units and 1 power (propulsion) unit
- Overall Dimensions = 266' Long, 9' 3" Wide, 13' 6" Tall
- Train Weight (fully loaded) = 385,000 lbs
- Top Speed = 70 (the train is capable of 79)
- Passenger Capacity (seated & standing) 488
- Diesel fuel and adBlue tank located in the power pack unit and can be accessed from both sides (44" from top of rail)
- Diesel Capacity = 608 gallons



Stadler Vehicle Overview

- On board emergency equipment
- 1 pry bar per passenger unit
- Flashlight, first aid kit & escape ladder in each operator's cab
- Fire extinguisher in each passenger unit and each operator cab
- Emergency lighting >60% for no less than 90 minutes
- Emergency communications continuous for 15 minutes
- Fire floor resistance rating = 15 minutes
- Specified jacking pad locations
- Specified roof access & safe cutting locations
- Exterior door openings with Square Key



Stadler Vehicle

- Designed in Switzerland
- Manufactured in Hungary
- Assembled in Salt Lake City

















Safety Features

8 locations where to shut down engine

- 4 outside by power pack
- 2 inside cab
- 2 inside power pack by engine

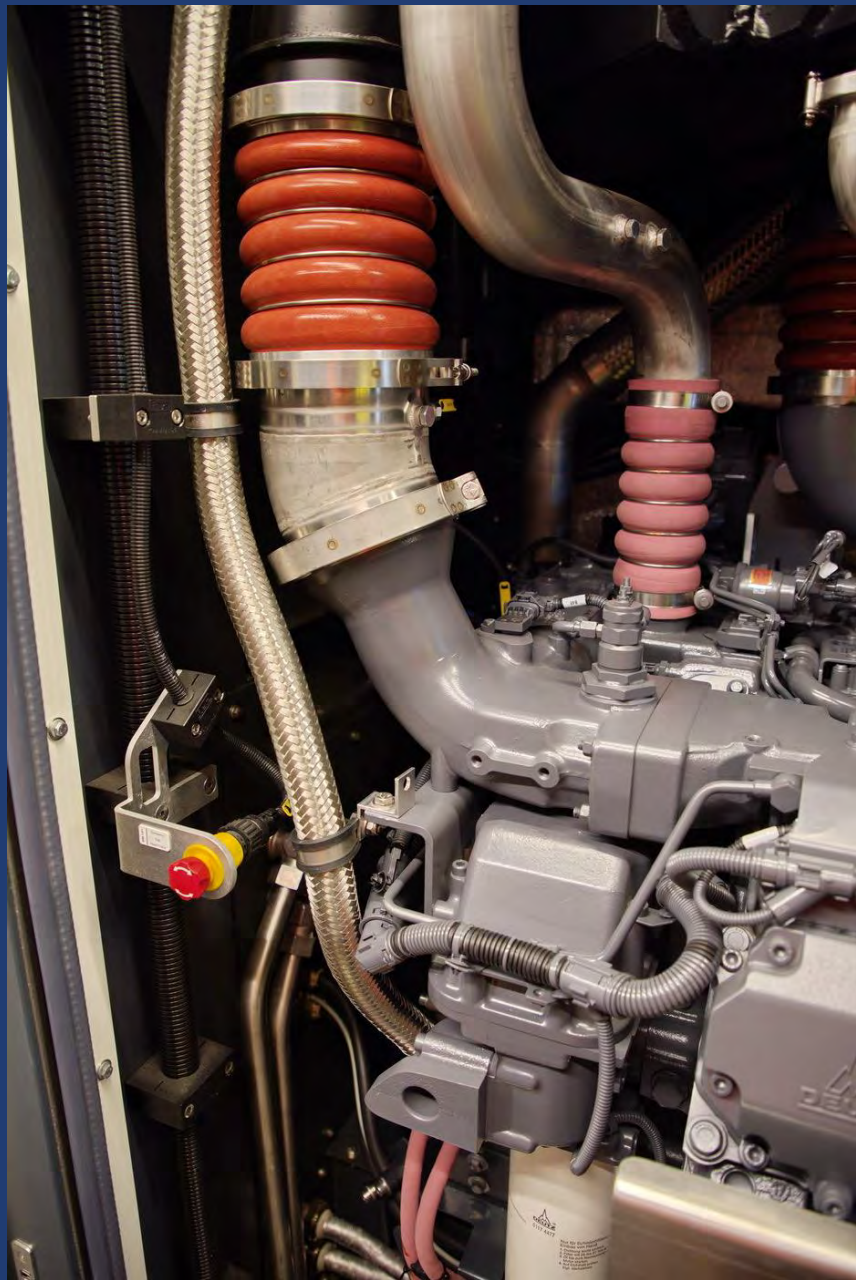
2 battery shut downs

- 1 in each cab area inside locker













Safety Features

16 Door overrides

- Located by doors (inside and out)

6 Extinguishers

- 1 in each cab
- 1 in each single car

4 Call boxes

- 1 in each single car













Safety Features

Cameras CCTV

- 2 per car

Escape Rope Ladder inside cab

- 1 per cab

Emergency Windows

- 4 per car







Scenario #1

- Active shooter
- Considerations:



Scenario #2

- Bomb threat/unattended package
- Considerations:



Scenario #3

- Auto/bus vs. train (with injuries)
- Considerations:



Scenario #4

- Train fire
- Considerations:



Scenario #5

- Disabled train
- Considerations:



Scenario #6

- Disturbance on the train with injuries
- Considerations:



Scenario #7

Barricaded suspect with hostages

Considerations:

