Alternative Fuels (FY 2021)

There are **530 TxDOT bi-fuel cars and trucks** (on-road vehicles) using liquefied petroleum gas (LPG) in addition to gasoline.

There are **175 pieces of off-road equipment** including forklifts using LPG and **55 units** using electricity. There are **44 dedicated compressed natural gas (CNG) vehicles and 13 bi-fuel (gasoline and CNG) vehicles** in the fleet.

In FY 2021, TxDOT vehicles used more than **649,629 gallons of alternative fuels**, including biofuels, CNG and propane.

TxDOT owns and operates **96 hybrid-electric vehicles and 3,035 flex-fuel (E85) vehicles**.

Aviation (FY 2021)

- **Certified Pilots**: 62,484
- **Federal Grants**: 81,512,992
- **State Grants**: $15 million
Don’t mess with Texas® is the statewide anti-litter public awareness campaign launched in 1986. It holds a 94% awareness rate and is a globally recognized brand. For more information, visit DontMessWithTexas.org.

Adopt-a-Highway is a Texas-born program started in 1985 in Tyler. It is known worldwide and many programs have been developed to mirror Adopt-a-Highway. There are 3,400 volunteer groups with more than 6,800 miles adopted.

Keep Texas Beautiful is a community-based partnership with TxDOT’s litter prevention programs. KTB is a network of dedicated Texans working together to make Texas the best place to live, work, and play. They equip local partners and affiliates with the tools they need to build vibrant, engaged communities. The organization has nearly 300 affiliates and reaches 19 million Texans annually.

Bridge Facts

Texas has more than 55,000 bridges that carry vehicular traffic — about 28,000 more bridges than any other state in the nation, and more than the combined inventories of 17 states. Of those, nearly 36,000 Texas bridges are on the state system, and the remaining 19,000 bridges are off the state system (city streets, county roads, etc.)

TxDOT routinely inspects bridges in accordance with the National Bridge Inspection Standards and conducts additional reviews as part of the Maintenance Bridge Inspection Tracking program. This ensures all bridges open to vehicular traffic in Texas are safe.

Texas has 33 international bridges open to traffic between Mexico and Texas, six of which are federally owned and the other 27 owned by TxDOT or local governments.

The average age of Texas bridges is 48 years for bridges on the state highway system and 34 years for bridges off the state highway system.
Texas has 50.4% of bridges in Good Condition, 48.2% in Fair Condition, and 1.4% in Poor Condition. Historic trends show the percent of Good Condition decreasing, and the percent of Fair and Poor Condition increasing.

Contracts were awarded to replace, widen, repair, rehabilitate, or construct 527 bridge-class structures in fiscal year 2021.

**Bridge Condition Terms**

Bridges in **Good Condition** are those with a minimum condition rating of seven or greater. These bridges have no signs or very minor signs of deterioration.

Bridges in **Fair Condition** are those with a minimum condition rating of five or six. These bridges have minor to moderate deterioration that may benefit from maintenance or repair.

Bridges in **Poor Condition** have a minimum condition rating of four or less. These bridges show signs of more advanced deterioration and are in need of repair, rehabilitation, or replacement. If open, they have been deemed safe to continue carrying traffic. Any bridge determined to be unsafe is immediately closed.

The terms above were defined by The Federal Highway Administration (FHWA) and published in January 2017. TxDOT has adopted these terms and incorporated them in the programming of bridge projects. Since July 6, 2012, when the Moving Ahead for Progress in the 21st Century (MAP 21) bill was signed into law, the FHWA no longer manages a federal bridge funding program. Instead, the FHWA allocates federal funds to the states to manage. TxDOT has chosen to continue its Highway Bridge Program (HBP) at the state level for Poor bridges and has dedicated separate funding programs for minor rehabilitation and the preservation of bridges through the Bridge Maintenance and Improvement Program (BMIP). TxDOT uses the terms above to identify bridges that are eligible for rehabilitation or replacement through the HBP or the BMIP.

### Budget (FY 2021 Collections)

**Financial Management Division | 512.416.5555**

<table>
<thead>
<tr>
<th>Revenue Source</th>
<th>State Highway Fund</th>
<th>COVID Relief Fund</th>
<th>Texas Mobility Fund</th>
<th>Bond &amp; Debt Service Fund*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Federal Funds</td>
<td>$5,172.3</td>
<td>$82.4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor Fuel Tax</td>
<td>$2,583.6</td>
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<tr>
<td>Vehicle Registration</td>
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<td>Lubricant Sales Tax</td>
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<tr>
<td>Public Transp./Aviation/Traffic/Research</td>
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<tr>
<td>Prop 1, 2014 Transfer</td>
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<td>Prop 7, 2015 Transfer</td>
<td>$2,737.0</td>
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<td>Concession Receipts</td>
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<td>Loan Repayments</td>
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<tr>
<td>Toll Project Revenue</td>
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<td>Other (Local, interest, misc. rev)</td>
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<tr>
<td>Taxes, Fines &amp; Fees</td>
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<tr>
<td>Build America Bonds</td>
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<td>$36.7</td>
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<tr>
<td><strong>Total Incoming Revenue</strong></td>
<td><strong>$14,322.3</strong></td>
<td><strong>$82.4</strong></td>
<td><strong>$522.9</strong></td>
<td><strong>$37.9</strong></td>
</tr>
</tbody>
</table>

*Funds collects BABs for Prop 14 and Prop 12 bonds.

Totals may not add due to rounding.
Texas ports are connected by an extensive shallow-draft channel called the Gulf Intracoastal Waterway. The Texas portion of the GIWW main channel, designated Marine Highway 69, covers 379 miles of coastline from the Sabine River to the Brownsville Ship Channel. In 2019, nearly 77 million tons of cargo moved on the GIWW in Texas.

The Maritime Division incorporates port and waterway initiatives into TxDOT’s overall transportation system planning, fulfills TxDOT’s responsibilities as non-federal sponsor of the Texas segment of the GIWW, and supports and facilitates the activities of the Port Authority Advisory Committee.

Texas has 11 deep-draft and eight shallow-draft commercial ports, as well as a number of shallow-draft channels primarily used for fishing and recreational purposes. Texas ranks first in the nation for waterborne commerce, moving more than 607 million tons of cargo in 2020.

According to a 2019 study, more than 128,000 Texas jobs are directly related to seaport operations. In total, 5.4 million jobs are generated from economic activity dependent on the state’s ports. These jobs generate more than $285 billion in personal income and local consumption, while the port industry contributes $80 billion annually in federal, state, and local tax revenues.
The Public Transportation Division distributes grant funds to support TxDOT’s mobility and congestion-relief programs; promotes training, coordinated planning, partnerships and best practices; ensures compliance with funding program requirements; and performs FTA transit safety program functions.

- **2,886 transit vehicles, including buses and vans**, operated by TxDOT-funded transit providers.
- **20.3 million rides on public transportation vehicles** operated by TxDOT-funded transit providers.
- **$151.5 million in federal and state apportionments** for TxDOT-funded transit providers.
- **36 rural transit districts.**
- **31 urban transit districts.**
- **24 regionally coordinated public transportation plans.**

TxDOT staff administers various programs to make Texas roads safer for non-motorized users. In general, these include bicycle and pedestrian infrastructure and non-infrastructure grant funding programs, data collection plans focused on non-motorized traffic, project planning and construction, and design guidance and training programs to build safer bicycle and pedestrian facilities.

- **4,457 miles of sidewalks** on TxDOT on-system roadways.
- **447 miles** of bicycle lanes and shared use paths on/along TxDOT on-system roadways.
- **$153 million in federal and state funding** between 2015 and 2020 through the Statewide ADA Pedestrian Program to upgrade sidewalks, curb ramps, and striping for pedestrian accessibility, safety, and mobility along TxDOT roadways. $47 million was invested in FY 2020.
- **$116 million in federal grant funding** between 2015 and 2020 to support more than 120 locally sponsored projects providing safe routes to schools, multiuse paths, sidewalks, and bikeways in rural and small urban areas. In FY 2020, TxDOT and local partners funded 28 bicycle and pedestrian infrastructure projects worth $28.3 million through TxDOT's Transportation Alternatives and Safe Routes to Schools Programs.
Recycling (FY 2021)

Support Services Division | 512.416.2337

TxDOT recycles more than 20 commodities. Most are sold to recycling vendors through salvage sales contracts administered by the TxDOT Green program.

**Paper Recycling**
- Paper collected and sold FY 2021: **118.739 tons**
- Revenue to TxDOT: **$4,531**

Saved Resources:
- Trees: **2,019**
- Gallons of water: **931,173**
- Kilowatts of electricity: **474.956**
- Gallons of oil: **45,121**
- Landfill space: **356 cubic yards**

**Scrap metal**
- Scrap metal collected and sold FY 2021: **7,088,296 pounds**
- Revenue to TxDOT: **$325,238**

Saved Resources:
- KwH / BTUs: **2,031,556 KwH / 34.5 billion BTUs**
- Gallons of oil: **478,460**
- Landfill space: **12,658 cubic yards**

**Used tires / scrap rubber**
- Recycled: **6,716,768 pounds**
- Cost to TxDOT: **$810,234**
- Used tires sold: **703**
- Revenue to TxDOT: **$10,161**

Saved Resources:
- Landfill space: **356 cubic yards**
System Size (CY 2020)

Transportation Planning and Programming Division | 512.486.5000

TxDOT has jurisdiction over **80,720 centerline miles** (miles traveled in a one-way direction regardless of the number of lanes in a roadway).

State-owned centerline miles:

- **Interstate highways:** 3,463
- **U.S. highways:** 11,860
- **State highways:** 16,420
- **Farm or Ranch to Market roads:** 40,857
- **Frontage roads:** 7,769
- **PASS routes, Park roads, and Recreation roads:** 351

Tourism (FY 2021)

Travel Information Division | 512.486.5900

- **Customers served at Travel Information Centers:** 678,373*
- **Visitor spending generated for Texas:** $40.8 million
- **State tax revenue generated:** $2.5 million
- **Texas jobs supported:** 408
- **DriveTexas.org inquiries:** 5.5 million

*Due to COVID-19, several Travel Information Center lobbies were closed for parts of FY 2021. However, the centers continued to take phone calls, place travel literature in accessible areas for pickup, and fulfill literature requests during closure.

- **FY 2020 Number of Texas Highways copies distributed:** 2.4 million
- **2020 Texas State Travel Guide copies printed:** 700,000
- **2020 Texas Official Travel Map printed:** 500,000
- **2020 Texas Highways Events Calendar copies printed:** 199,600
Traffic (CY 2020)

The average daily vehicle miles traveled on state-owned highways is 508.7 million miles. The average vehicle miles traveled on all roadways in the state is 712.0 million miles.

The total annual vehicle miles traveled on state-owned highways is 185.8 billion miles. The total annual vehicle miles traveled on all roadways in the state is 260.0 billion miles.

While only 25% of roadway miles in Texas are state-owned, 71% of all vehicle miles traveled occurs on state-owned highways.

Traffic Safety (FY 2021)

- TxDOT maintains 6,626 traffic signals throughout Texas at a cost of approximately $46.6 million.
- TxDOT operates approximately 1,021 dynamic message signs, 3,007 closed circuit cameras, and 14 traffic management centers and offices to improve operations on the state highway system.
- TxDOT maintains and operates 94,035 roadway lighting poles of various types throughout Texas at a cost of approximately $35.3 million annually.
- TxDOT receives more than 500,000 motor vehicle crash reports annually from law enforcement agencies and currently maintains approximately 6.2 million crash reports in our files.
- The Crash Records Information System gives the public access to individual crash reports in seconds, and with TxDOT's Crash Record Online Purchase System, the public may purchase redacted or full copies and download crash reports electronically.
In FY 2021, TxDOT funded **349** behavioral and enforcement projects under the Texas Traffic Safety Program at a cost of **$56.7 million** in federal and state grant funds. These projects are designed to increase the proper use of safety belts and child safety seats, as well as to deter dangerous driving behaviors such as speeding, aggressive or distracted driving, and driving under the influence of alcohol and other drugs. May 2021 marked the 19th anniversary of Click It or Ticket, a campaign urging Texans to buckle up. When Click It or Ticket launched in 2002, only 76% of Texans used their seat belts. Today, **more than 89% buckle up**.

The National Highway Traffic Safety Administration estimates that since its inception, the Texas Click It or Ticket campaign has saved **6,234 lives**, prevented more than **100,000 serious injuries**, and saved Texas more than **$23.6 billion** in related economic costs.