



## **GLOSSARY OF TERMS AND ACRONYMS**

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### **Annual Average Daily Traffic (AADT)**

A measure of traffic volume, Average Annual Daily Traffic (AADT) is the total number of vehicles on a roadway for a year, divided by 365 days.

### **Arterial**

A class of roads serving major traffic movements (high-speed, high volume) for travel between major points.

### **Census**

A national head count completed every 10 years. Regarding this study, 2010 Census data was considered and should the project move forward, information would be updated to reflect the 2020 Census.

### **Collin County Mobility Plan**

A multi-modal comprehensive plan for transportation systems in Collin County last updated in 2016, that was aimed toward serving the mobility needs of county residents and businesses and also guide major transportation investments. The Mobility Plan, which is updated approximately every five years, identifies the future transportation network that will be needed to serve projected population and employment growth and increased travel demand across a county-wide system of roadways, transit facilities, and hike-and-bike-trails. More information about the Mobility Plan is available [here](#).

### **Collin County Outer Loop**

The Collin County Outer Loop is a limited access freeway that will provide a necessary link across the outer northern and eastern parts of the County, is expected to help relieve congestion on other roadways, and would help support economic development for northern and eastern Collin County. The full loop will provide access to the extension of the Dallas North Tollway (DNT), US 75, State Highway (SH) 121, US 380, and enhance access to Rockwall County. More information about the Outer Loop is available [here](#).



## **Commercial development**

Any development and/or structure constructed mainly for the purpose of conducting business, including but not limited to retail stores, restaurants, shopping centers, business offices, gas stations, etc.

## **Constraint**

In regards to this study, a constraint is a resource that would limit or restrict a transportation improvement. Two large environmental constraints include Lavon Lake and Lake Ray Hubbard.

## **Couplet**

A pair of three-lane, one-way roadways serving the same traffic corridor that are used to accommodate higher traffic volumes.

## **Crash Records Information System (CRIS)**

An automated database used by the Texas Department of Transportation (TxDOT) to compile and track crash data statewide.

## **Employment Projections**

An estimate of the changes in industry and occupational employment over time resulting from industry growth, technological change, and other factors.

## **Floodplain**

An area that is subject to natural flooding from an adjoining waterway.

## **Geofence**

A virtual perimeter for a real-world geographic area. Regarding this study, select roadway corridors were geofenced for an origin-destination study.

## **Land Use**

Refers to the manner in which portions of land or the structures on them are used or designated for use in a plan (e.g., commercial, residential, retail, or industrial).

## **Limited Access Roadway (LAR)**

A limited access roadway is a highway or arterial roadway that includes:



- Limited or no access to adjacent property;
- Some degree of separation of opposing traffic flow;
- Use of grade-separated interchanges;
- Prohibition of some modes of transport, such as bicycles; and
- Very few or no intersecting cross streets.

### **Mobility**

The ability to move or be moved from place to place effectively and efficiently.

### **Mitigate**

To make an action less impactful.

### **Modes of Transportation**

The different means of transportation or transporting people or goods. The different modes include but are not limited to car, transit, air, bicycle, truck, rail and pipelines.

### **North Central Council of Governments (NCTCOG)**

Voluntary association of, by and for local governments, established to assist in regional planning including in the areas of transportation planning, environment and development, demographic research, and more. NCTCOG serves a 16-county region of North Central Texas, which is centered around the two urban centers of Dallas and Fort Worth. NCTCOG has over 230 member governments including 16 counties, numerous cities, school districts, and special districts.

### **North Texas Municipal Water District (NTMWD)**

A regional provider of water, wastewater and solid waste disposal services, the NTMWD serves a population of about 1.8 million residents in 80 communities across the North Texas counties of Collin, Dallas, Denton, Fannin, Grayson, Hopkins, Hunt, Kaufman, Rains, and Rockwall.

### **Origin-Destination Traffic Study (O-D or O and D Study)**

A tool that can be used to better understand travel patterns such as where people begin their trip, where they end their trip, the routes they take, and the time of day they travel.



## **Population Projections**

Estimates of the population for future dates.

## **Public Meeting**

A meeting held with the purpose of hosting informal discussions with local public officials, agency representatives, interested citizens or the general public and local, neighborhood or special interest groups for the purpose of exchanging ideas and collecting input on a project.

## **Residential Development**

Means land, buildings or portions thereof used, designed or intended for residential use.

## **Roadway Design**

Concerned with the positioning of the physical elements of the roadway according to standards and constraints. Route studies and roadway design are not part of the initial phase of this study.

## **Route Study**

A study to identify a specific path(s) of a proposed roadway for further detailed schematic design and/or environmental impact analysis. Route studies and roadway design are not part of the initial phase of this study.

## **Stakeholder**

A group or individual who is interested or wants to be involved in a study or project. Stakeholders can include representatives of businesses, community organizations, municipalities, and government agencies.

## **Study Area**

The study area is bound by I-30 on the south, SH 121 on the north and the Collin County/Hunt County line on the east. The western boundary is a combination of President George Bush Turnpike, SH 78, FM 2551, SH 5 and Airport Boulevard. A map of the study area can be found [here](#).

## **Technical Work Session**



Regarding this study, it was a meeting used by the County to present study data and gather initial input from representatives of the counties and cities in the study area.

### **Texas Demographic Center**

The Texas Demographic Center functions as a focal point for the production, interpretation, and distribution of demographic information for Texas.

### **Texas Department of Transportation (TxDOT)**

A State agency responsible for planning, designing, constructing, maintaining, and operating state transportation facilities including roads, bridges, waterways, and airports.

### **Texas Water Development Board (TWDB)**

The Texas Water Development Board (TWDB) is the state's water planning and water project financing agency. TWDB's responsibilities include collecting and disseminating water-related data; assisting with regional water supply and flood planning and preparing the state water plan and state flood plan; and administering cost-effective financial programs for constructing water supply, wastewater treatment, flood control, and agricultural water conservation projects.

### **Thoroughfare Plan**

A long-range plan that identifies the location and type of roadways that are needed to support future growth and mobility needs.

### **Traffic Survey Zone (TSZ)**

Traffic Survey Zones (TSZs) are relatively small planning areas and are used in the demographic forecasting process. TSZs considered in this study were developed by the North Central Texas Council of Governments (NCTCOG) and focus on specific neighborhoods and business centers in the region. In some areas, a TSZ may extend beyond physical land boundaries and city limits.

### **Ultimate Buildout**

Buildout is an estimate of the amount and location of potential development for an area. Regarding this study, ultimate buildout is the point in which land in the county will be fully developed.



## **US Army Corps of Engineers (USACE)**

The United States Army Corps of Engineers (USACE) is an engineer formation of the United States Army that has three primary mission areas: engineer regiment, military construction, and civil works. Its most visible civil works missions include: planning, designing, building, and operating locks and dams. Other civil engineering projects include:

- Flood control, beach nourishment, and dredging for waterway navigation;
- Design and construction of flood protection systems through various federal mandates;
- Design and construction management of military facilities; and
- Environmental regulation and ecosystem restoration.

## **Wetlands**

Land that is inundated or saturated by surface or groundwater at a frequency and duration to support a prevalence of hydrophytic vegetation typically adapted for life in saturated soil conditions. Examples include swamps, marches, bogs, and similar areas.