

# Sustainability in Parking Garage Design

## PROJECT BACKGROUND

Dallas Love Field Parking Garage C is a new sustainable development located in Dallas, Texas. The project consists of a parking garage being built to meet the demand of available parking for the Dallas Love Field Airport. Parking Garage C is built to meet the sustainability standards per the Parksmart rating system. Garage C provides 5,000 new spaces for airport users conveniently located next to the main terminal.

## A GREEN PARKING GARAGE

The Green Business Certification Institute's (GBCI) Parksmart rating system provides an effective tool to measure and define a "green parking garage." Parking Garage C at Dallas Love Field Airport is pursuing Parksmart Certification to provide third party verification that the facility is designed to increase energy efficiency and performance, reduce environmental impacts, provide efficient parking space management and integrated sustainable mobility services and technologies. Garage C is designed with several sustainable strategies that contribute across various categories such as garage management, programs and technology & structure design.

Garage C programming provides ample access to alternative mobility solutions. 101 preferred parking spaces are reserved for low-emitting (LE) and fuel-efficient (FE) vehicles at no added cost. These spaces are located on Levels 1-7 near the elevator closest to the main terminal. A LE/FE vehicle is defined as one that the American Council for an Energy-Efficient Economy gives a score of 45 or greater to in the annual green vehicle rating. See if your vehicle makes the cut: <https://greencars.org/greenerest-meanest/best-class>.

Garage C also provides 14 charge points for electric vehicle to EV owners at no added cost. These preferred spaces are located on Level 2 near the elevator closest to the main terminal.

Additionally, 101 spaces are reserved throughout the Garage for use by alternative fuel vehicles which are those powered by one or more of the following: electricity, compressed natural gas, liquefied natural gas, propane, hydrogen, biodiesel, ethanol, or compressed air.

**LOVE TO PARK** 



## PROJECT TEAM

**Architect:** Corgan

**Landscape:** Kimley-Horn

**MEP Engineers:** Jacobs

**Contractor:** Hensel Phelps

**Sustainability Consultant:**

Facility Performance Associates

**Commissioning Agent:**

Facility Performance Associates

## ABOUT THE LOVE FIELD MODERNIZATION PROGRAM

The Love Field Modernization Program (LFMP) has made the commitment to sustainable practices in the design and construction of the Love Field Terminal Complex and surrounding facilities.