



Connecticut's first Bus Rapid Transit system

Better Air Quality Cleaner Water Greener Neighborhoods



CTfastrak Branded Bus

CTfastrak is a new, environmentally friendly bus rapid transit service that offers numerous benefits for our entire region, both for riders and non-riders alike. Here are a few ways CTfastrak makes central Connecticut greener and improves our quality of life:

Better Air Quality

CTfastrak vehicles include a new generation of environmentally-friendly, super low-emission, hybrid diesel-electric buses. By delivering a faster, more convenient transit option, CTfastrak is projected to carry approximately 16,000 daily riders by 2030. An anticipated thirty percent of CTfastrak travelers will be former auto users, resulting in an estimated 17 million fewer vehicle miles traveled in the region each year. This reduction eliminates the production 12,800 tons of carbon dioxide emissions yearly and reduces regional traffic congestion.



Improving the Quality of Connecticut's Water and Wetlands

The CTfastrak system is designed to improve the quality of waters and wetlands in the area as well as improve surface water infiltration and drainage.



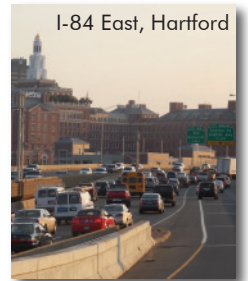
The system uses natural and engineered drainage systems such as grass-lined swales, water quality basins, and deep sump catch basins to filter sediments and prevent pollutants from reaching nearby brooks, groundwater and wetlands. The CTfastrak design also includes enhancement and creation of wetlands which encourages ecologically sustainable habitats for local wildlife.



Downtown New Britain Station

Efficient Fuel Usage

Reducing fuel costs and dependence on fossil fuels just makes sense – for our country, our economy and as consumers. CTfastrak provides the opportunity for drivers to choose transit and reduce their fuel consumption and costs.



I-84 East, Hartford

Neighborhood Green Space and Walkability

CTfastrak stations offer attractive, green-landscaped areas near neighborhoods along the corridor. The stations have easy access and connectivity to surrounding neighborhoods to encourage transit use. Additionally, the new, five-mile, multi-use recreational trail improves access to the stations for pedestrians and bicyclists, as well as promotes opportunities to travel through the community using non-motorized "green" modes of travel. Finally, several new bus circulator and connector routes allow you to leave your car behind to travel from your neighborhood to work, school, shopping, playing, or dining.



Multi-Use Trail

Sustainable Design

CTfastrak stations include several sustainable, eco-friendly "green" features such as photovoltaic solar panel systems, LED lighting, and bike racks.



DIESEL-ELECTRIC HYBRID BUSES

Hybrid buses are approximately 90% cleaner than the 12 year-old buses they replace. They can reduce fuel consumption by up to 30%.

Hybrid technology is ideally suited to the demands of transit's stop-and-go duty cycle. Electric motors generate maximum torque at slow speed during frequent starts, and regenerative braking converts and stores energy in the roof-mounted batteries.

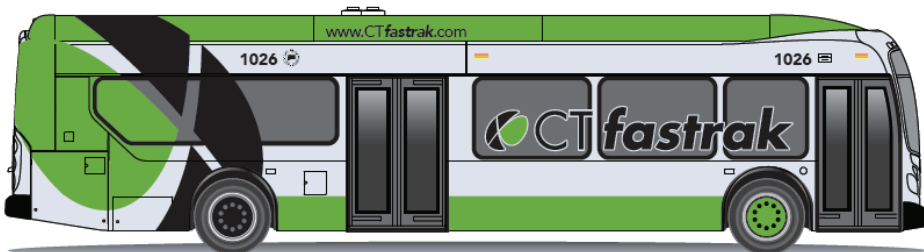
Hybrid buses reduce maintenance costs by requiring fewer brake replacements.

30 Foot GILLIG bus



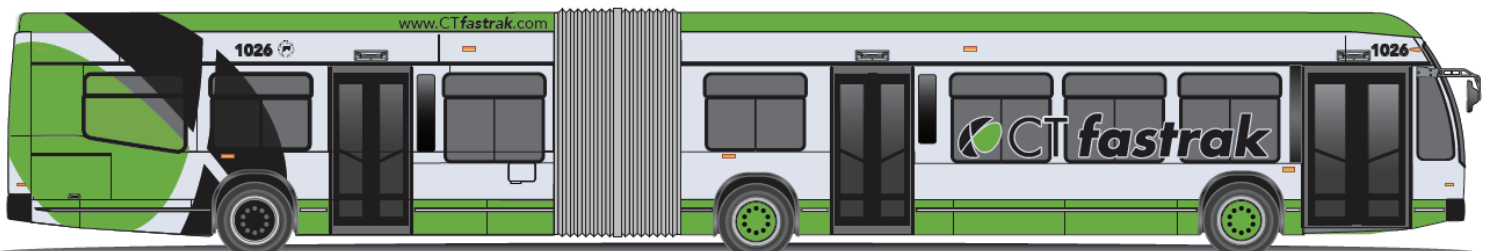
Seats up to 28 people and approximately 10 standees

40 Foot New Flyer bus



Seats up to 33 people and approximately 16 standees

60 Foot Nova articulated bus



Seats up to 55 people and approximately 19 standees