

ATLANTA-CHATTANOOGA-NASHVILLE HIGH SPEED GROUND TRANSPORTATION/MAGLEV PROJECT

No. 43

Joe Ferguson

The Enterprise Center, Chattanooga, Tennessee
Ferguson_j@theenterprisectr.org

ABSTRACT

The 125 mile I-75 corridor between Atlanta and Chattanooga is among the heaviest traveled in the country with common and frequent delays. Atlanta's Airport handles more passengers than any in the world and once again will reach capacity with little or no capability for expansion. A High Speed / Maglev System between the Atlanta and Chattanooga airports will give required relief to both the Atlanta Airport and I-75 Corridor enabling continued economic growth along the corridor. The need for reducing mobile source emissions as well as our dependency on offshore oil will become an even higher priority in the future and would be positively impacted with the proposed High Speed Ground Transportation System moving people as well as high valued freight. There is reason to believe that High Speed Ground Transportation could also play a role in Homeland Security issues.

A High Speed Ground Transportation Tier 1 EIS is currently underway between the Atlanta and Chattanooga Airports and a Maglev Feasibility Study will be completed by mid year 2008 for the continuing corridor between Chattanooga and Nashville. In order to meet the future transportation needs of the Southeast and Midwest regions of the country; the system should continue northward from Nashville to Chicago and O'Hare Airport (second only to Atlanta in passengers handled), and south from Atlanta to Savannah connecting with other High Speed Rail Corridors on the East Coast and Midwest.

Keywords: Maglev, Levitation, Propulsion, Guideway, Inverter

NO FINAL PAPER SUBMITTED