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High Speed Ground Transportation: Strategic Approach Needed for Introduction of Hsgt: T-Rced-93-35

By -

BiblioGov. Paperback. Book Condition: New. This item is printed on demand. Paperback. 24 pages. Dimensions: 9.7in. x 7.4in. x 0.1in.GAO discussed the development of high-speed ground transportation (HSGT) in the United States, focusing on: (1) alternative HSGT technologies; and (2) infrastructure improvements needed to implement HSGT on existing railroad rights-of-way. GAO noted that: (1) HSGT costs will vary depending on what technology is adopted; (2) the incremental approach to HSGT costs the least because it does not require new right-of-way acquisition, but HSGT costs will increase as top speed increases to 150 miles per hour (mph); (3) electrifying track and eliminating grade crossings are the most expensive ways to upgrade existing rail services; (4) the incremental approach to HSGT would require the cooperation of freight railroads, since they own most of the existing rights-of-way; (5) Amtrak continues to improve high-speed service in its northeast corridor operations with electric trains, but it is exploring development of a fast nonelectric locomotive that could operate on nonelectrified tracks; (5) trains faster than 150 mph will require dedicated rights-of-way and specialized guideways for magnetic levitation systems, which could increase costs by up to 300 percent; (6) HSGT development has been slow because investors perceive...



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